



Sterling B2B Integrator Builds 5101, 5102, 5103, 5104, and 5105

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Chapter 1. Pre-Installation Recommendation

IBM® recommends that you perform a complete backup of IBM Sterling B2B Integrator file system and database before applying any patch.

Note: It is not possible to uninstall a patch.

Chapter 2. Article Identification

Currently a transition is underway to migrate customer issues from the current customer reporting system to a new APAR system. Consequently, an InQuira ID will no longer be assigned to issues. This will be temporarily replaced by the following QC Legacy ID and RTC ID.

Chapter 3. Build Document Fields and Definitions

The descriptions of the fields for each entry in the build information document and a description of the information each contains.

InQuira ID

Each entry within the patch information document is also entered into our customer-facing Knowledgebase. This ID represents the article number within the Knowledgebase. The Knowledgebase can be accessed via the Sterling Commerce® Customer Center website.

Functional Area

Represents the area of the product in which the issue was found and a fix was made. The patch information document is organized by grouping the fixes under their respective functional area.

Escalation ID/Case ID

An internal ID used by IBM Customer Support. IDs that are a numerical value represent items that were reported by customers or consultants. IDs with the value “QC” represent items that were found internally.

QC Legacy ID

A legacy QC internal ID used by IBM Customer Support and Engineering to track the specific details of the fix at a code level.

Rational Team Concert (RTC) ID

An internal ID used by IBM Customer Support and Engineering to track the specific details of the fix at a code level.

APAR An external ID used by IBM Customer Support and Engineering to track the specific details of the fix. The content of an APAR (Authorized Problem Analysis Report) is published on the IBM Support Portal (www.ibm.com/support).

Note: The transition to APARs is still underway and therefore an APAR is not included for every fix listed in this document. The APAR appears only with fixes that include an APAR on the IBM Support Portal.

Severity

There are currently two possible values for severity:

Critical

Represents fixes that are core to the product and have the potential to result in a critical or production down scenario if not applied. Example: An issue with our JDBC pools would be core to the product and apply to all Gentran® Integration Suite and Sterling B2B Integrator users. An issue with an adapter or service, such as Document Keyword Replace, would most likely not be flagged as critical. It could be critical to users that are using this particular service or adapter, but not part of core.

Note: An exception could be made if an engineer feels the non-core functional area defect is severe enough or widely used enough to classify it as critical.

Normal

Represents fixes that are less severe and do not result in critical or production down scenarios for the core product. However, fixes could be

critical to individual users of that service or adapter. It is important to look at all fixes and determine the specific impact on your environment. Determining impact is based on your usage of the various services, adapters, and the various functional areas of Sterling B2B Integrator.

Type There are currently three possible values for type:

Core Change

Although rare, it is possible that fixing a defect requires a core change to the functionality of that component. It is important to test any functional area that is being used if the fix is flagged as Core Change.

New Functionality

In most cases, new functionality is listed in the *Product Enhancements* section of the patch info document. Although rare, it is possible that fixing a defect could mean adding additional functionality to that component.

Normal Fix

Most entries are flagged as Normal Fix. Representing items reported from the field or found internally that do not result in a core change or the addition of new functionality.

Build Represents the build (patch) number in which the fix was first introduced. In some cases, a fix is applied to multiple versions of the product. Patches are cumulative, so fixes exist in the introduction build and in any later build (higher build number) for that version of the product.

Chapter 4. Fix Pack 5105 Overview

Overview

This Fix Pack includes all final fixes provided for Sterling B2B Integrator V5.1. This fix pack is cumulative and includes all fixes applied previously to V5.1, including all generally available interim fixes. See the links below to access APARs, installation information, system requirements, and other product documentation:

- Installation Documentation
- System Requirements
- General Product Documentation

Disk Space Requirements

Sterling B2B Integrator Release 5.1, Fix Pack 5105 requires approximately 705MB memory space to download and 9.5GB memory space for installation.

Installing the Fix Pack

For more information about installing a fix pack, see the following topics in the Installation and Upgrade guide:

- Apply a critical fix pack (stopping whole cluster)
- Apply a critical fix pack (stopping one node at a time)
- Apply a critical fix pack (stopping whole cluster, starting one node at a time)

Security Fixes

APAR	Problem Description
IT12660	See the security bulletin "Information disclosure vulnerability affects IBM Sterling B2B Integrator (CVE-2016-0210)" at https://www.ibm.com/support/docview.wss?uid=swg21981549
NA	See the security bulletin "A denial of service vulnerability affects IBM Sterling B2B Integrator (CVE-2014-0050)" at https://www.ibm.com/support/docview.wss?uid=swg21972944

Regular Fixes

APAR	Problem Description
IC82322	UNABLE TO ESTABLISH A FAILOVER-CAPABLE CONNECTION TO SONIC WITH JMS 1.1 ASYNC RECEIVE ADAPTER
IC82727	RESTART OF BUSINESS PROCESS IS MISSING DATA OUT OF PROCESSDATA
IC83555	USING "INVOKE BUSINESS PROCESS FOR EACH INTERCHANGE" OPTION IN OUTBOUND ISA DOES NOT PASS CONTRACT ID
IC84720	SECURE OFTP SESSION SHOWS AS NON-SECURE IN COMMUNICATION MONITOR
IC84771	INSTALLING A HOTFIX DOES NOT WORK WHEN JVM SETTINGS ARE SET HIGH

APAR	Problem Description
IC85448	THE PURGEALL.SH/CMD SCRIPT DOES NOT REMOVE TRANSACTIONAL DAT WHEN THE DATABASE IS DB2
IC86064	DOCUMENTATION AND EXAMPLE CORRECTION FOR MANAGECERTIFICATE INPUTXML
IC87000	MAILBOX UI PROMPTING FOR USER TO CHANGE PASSWORD EVERY TIME THEY LOG IN IF THE DEFAULT PASSWORD POLICY IS SET
IC87099	CURRENT ACTIVITIES SCREEN SHOWS MISSPELLED WORD IN THE ERROR MESSAGE
IC87101	ROUTING CHANNELS ARE NOT DISPLAYING PROVISIONING FACTS CORRECTLY FOR COPIED TEMPLATE
IC87175	CANNOT ACCESS STEP STATUS REPORT
IC88235	MQ PORTS ARE NOT BOUND TO A SPECIFIC INTERFACE
IC88930	STOPWINDOWSSERVICE.CMD DOES NOT STOP SAP SERVICE - "STERLING COMMERCE SAP CONTROLLER SERVER AT PORT 10000"
IC89111	SMTP SEND ADAPTER THREAD HANGS, CAUSING PRODUCTION DOWN
IC89229	STERLING FILE GATEWAY CUSTOM PROTOCOL (SFTP PROTOCOL) UNABLE TO LIST CERTIFICATES USING BUILT-IN CLASSES
IC89521	HALT_ON_TRANS_ERROR flag is not evaluated, hence all docume fail when one document errors
IC89817	DYNAMIC SERVICE WITH AN ATTACHMENT GETS A TIMEOUT ERROR FOR OTHER TRANSPORT
IC89869	IF AN AS2 MESSAGE HAS DOUBLE QUOTES SURROUNDING THE RETURN URL IT CASUES AN OUT OF MEMORY ERROR.
IC89974	5103 AND 5.2.4.1 SCHEMA VALIDATION ISSUE IN WS_MESSAGEHANDLER: CVC-ELT.1: CANNOT FIND THE DECLARATION OF ELEMENT 'MESA'
IC90270	INSERT/UPDATE/DELETE ACTION QUERY FOR THE LIGHTWEIGHT JDB ADAPTER CREATES A SEPARATE XML DOCUMENT FOR EACH
IC90841	WHEN EDITING USER ACCOUNT, AUTHENTICATION TYPE FIELD OPTIONS ARE GRAYED OUT IF LDAP SERVER HAS NUMBER ABOVE 1
IC91041	EDI DEENVELOPE SERVICE FAILS IF MESSAGE CONTAINS 0XFF
IC91203	SFTP SERVER ADAPTER STATUS "FAILING TO START" AFTER A DB REST
IC91334	SECURE OFTP ATTEMPTS TO NEGOTIATE HANDSHAKE USING WRONG S VERSION.
IC91357	SEVERAL STERLING FILE GATEWAY EVENT CODES DO NOT RECEIVE/GENERATE THE NAME OF CONSUMER FILE (CONSUMERFILENAME)
IC91471	FTP CLIENT PUT SERVICE ERRORS OUT AFTER MODE Z COMMAND IS RUN CONNECTING TO FTP SERVER ADAPTER
IC91544	HTTP SERVER ENGINE INFORMATION APPEARS IN THE SOAP RESPONSE HEADER AND SHOULD NOT

APAR	Problem Description
IC91980	PRIOR FIX (NFX9982) CAUSES ALL MESSAGES RECEIVED USING JMS ASCII ADAPTER TO BE IN EBCDIC ENCODING AND NOT ASCII
IC92035	SOME UI SCREENS TAKE 10 MINUTES TO OPEN IF NODE2 IN CLUST SERVER GOES DOWN
IC92435	NULLPOINTEREXCEPTION WHEN STARTING ODETTEFTP QUEUE HANDLER SERVICE
IC92515	DATA MISSING FROM MAILBOX AFTER UPLOADING USING FTP AFTER A DATABASE/TABLESPACE OVERFLOW
IC92859	FTP CLIENT ADAPTER DOES NOT CONNECT TO THE IP ADDRESS PROVIDED IN RESPONSE TO PASV COMMAND
IC94079	REMOTE PERIMETER SERVER INTERMITTANTLY DISCONNECTS
IC96520	FILE SYSTEM ADAPTER IS WRITING INCORRECT DOCUMENT WHEN BP DOCUMENT STORAGE IS SET TO FILE SYSTEM
IC98391	SOME SESSIONS ARE GOING IN WAITING_ON_IO, NO TRANSITION FOR STATUS OCB3P AND EVENT C.
IC98548	BUSINESS PROCESS USING OFTP ADAPTER INTERMITTANTLY STAYS IN WAITING ON IO STATUS.
IC98706	LOCKS IN THE LOCKS TABLE WITH CLEAR_ON_START_UP = TRUE (1) AR NOT BEING REMOVED AT STARTUP
IC98930	UNABLE TO GENERATE OUTBOUND X12 ISA INTERCHANGE CONTAINING SEVERAL GS MESSAGES HAVING DISTINCT GS RECEIVER IDs
IC99046	THE BASEPORT FOR THE CONTAINER JVM ON THE SECOND NODE OF EACH CLUSTER SHOWS THE UI BASEPORT
IC99084	OFTP ADAPTER - NO TRANSITION FOR STATUS WF_NDISC AND EVENT ESID IN PROTOCOL ENGINE.
IC99086	OFTP ADAPTER - NO TRANSITION FOR STATUS IDLE AND EVENT CAPI2_DISCONNECT_IND IN PROTOCOL ENGINE
IC99121	GXS ICS FTP ADAPTER DOES NOT ACCEPT ONFAULT ELEMENT ON INBOUND OR OUTBOUND TRANSACTIONS
IC99185	OFTPPARTNERMANAGER SCRIPT IS NOT WORKING FOR IMPORTING THE OBJECTS
IC99188	REQUEST FOR STERLING B2B INTEGRATOR TO USE JETTY 8.1.0 RC2 OR LATER
IC99379	HTTP CLIENT END SERVICE IN A CLUSTERED ENVIRONMENT ATTEMPTS TO RUN ON A DIFFERENT NODE THAN WHAT IT STARTED ON
IC99739	When configuring the PPC to no compression, OFTP still tri use compression.
IC99861	TRANSLATION SERVICE ERRORS WHEN USING LF FOR THE TERMINATOR
IT00411	LIMIT THE NUMBER OF LINES OF OUTBOUND SESSIONS FOR OFTP ADAPT WITH ISDN/CAPI.
IT00540	java.lang.NullPointerException in ransition_MUE1.switchTransition
IT00581	ADDITIONAL DEBUG MESSAGES NEEDED IN LOG FILES
IT00759	MESSAGES ARE DIRECTLY SET TO FAIL BUT SHOULD BE SET TO RETRY_PENDING.

APAR	Problem Description
IT01035	OFTP SESSION IN ERROR BUT FILE IS RECEIVED
IT01164	OFTP INBOUND - WHEN ESID 99 IS RECEIVED MESSAGES ARE SET TO RECEIVING INSTEAD OF RECEIVE_FAIL
IT01341	FILE IS SET TO FAIL DIRECTLY IN TRANSITION_MUE4.
IT01415	OFTP - WHEN ESID 05 IS RECEIVED, MESSAGES ARE SET TO RECEIVING INSTEAD OF RECEIVE_FAIL
IT01544	OFTP ADAPTER - BP WAITING_ON_IO TRANSITION A3 DELIVERS EVENT CAPI2_CONNECT_B3_REQ.
IT01887	SFTP SERVER LISTING IS TAKING 20+ MINUTES TO PROCESS WITH A LARGE NUMBER OF MAILBOXES
IT02051	OFTP ADAPTER - TIMEOUT IS RAISED AFTER 10 SECONDES INSTEAD OF 300 SECONDS
IT02283	"GETDOCUMENTINFO" SERVICE THROWS ERROR WHEN CORRELATION CONTAINS "&" CHARACTER
IT02830	GXS ICS FTP ADAPTER NOT ACCEPTING REPORTING FAILURE TO PARENT BP ON INBOUND TRANSACTION.
IT02916	OFTP ADAPTER - A TRANSITIONEXCEPTION IN THE TRANSITION A15 EXCEPTION HANDLING.
IT02918	OFTP ADAPTER - FILE IS SET IN FAIL DIRECTLY IN TRANSITION_MUE4 WHEN ESID IS 99.
IT02943	OFTP ADAPTER - A TRANSITIONEXCEPTION IN THE TRANSITION A28 OCCURRED: JAVA.LANG.ARRAYINDEXOUTOFBOUNDSEXCEPTION:2.
IT03253	OFTP - TRANSITIONCAPI_L2_ABORT BEING TRIGGERED BY TIMEOUT BP STAYS IN WAITING ON IO STATUS
IT04374	STERLING B2B INTEGRATOR IS LOSING CONNECTION TO PERIMETER SERVICE
IT04377	INCORRECT CASE OF VALUE ASSIGNED VIA THE GPM TO THE CORRELA PARAMETER OF THE GET DOC INFO SERVICE
IT05163	WHEN CONTENT-TYPE IS MULTIPART/MIXED THE MAIL PROCESSING SERVICE DOESN'T RECOGNIZE THE ATTACHEMENT
IT05181	ODETTE FTP ENTRIES WITH RETRY_PENDING STATUS IN CAPI MODE ARE NOT BEING PROCESSED AS EXPECTED DURING OUTBOUND CONNECTION
IT06763	OFTP VERY SLOW DUE TO MISSING DB INDEX
IT09567	EERP REMAINS LOCKED AFTER TIMEOUT DURING COMMUNICATION USING OFTP ADAPTER
IT14259	USER NEWS PAGE IS NOT DELETING ROWS FROM MESSAGES_EXT AND USER_MESSAGES TABLES

Chapter 5. Fix Pack 5104 Overview

Overview

The enhancements and fixes described in this document apply to Sterling B2B Integrator Release 5.1, Fix Pack 5104. For a listing and detailed information see Chapter 8, “Build 5104 Fixes,” on page 17.

Upgrade Impacts

This fix pack changes the default behavior of the CLA2 adapter. See the fix pack documentation for information on how to take advantage of the new enhancements or how to return your system to the previous default values after applying the fix pack.

System Upgrade

Customers using the existing SWIFTNet Server adapter on the Oracle Solaris platform are required to patch their SUN OS to pick up the SUNWlibC 1.3.2 library and also the new 0.9.8 OpenSSL library (if they are using SSL) as part of receiving our adapter updates.

For Oracle SUN OS, the download is available from Oracle Support (<https://support.oracle.com>).

For OpenSSL, the download is available from OpenSSL (<http://www.openssl.org>).

Disk Space Requirements

Sterling B2B Integrator Release 5.1, Fix Pack 5104 requires approximately 687MB memory space to download and 4.5GB memory space for installation.

Installing the Fix Pack

For more information about installing a fix pack, see the following topics in the Installation and Upgrade guide:

- Apply a critical fix pack (stopping whole cluster)
- Apply a critical fix pack (stopping one node at a time)
- Apply a critical fix pack (stopping whole cluster, starting one node at a time)

Attention: Sterling B2B Integrator Release 5.1, Fix Pack 5104 contains updates to the database. Customers cannot use the rolling update method (stopping one node at a time, starting one node at a time) for installation.

Chapter 6. Build 5104 Security Updates

Sterling B2B Integrator Release 5.1, Build 5104, contains several security updates. Customers are encouraged to upgrade to the newest available fix pack (Release 5.1, Build 5104).

Chapter 7. Build 5104 Enhancements

Sterling B2B Integrator Release 5.1, Build 5104 contains the following enhancements:

The Command Line Adapter 2 (CLA2) now supports both key based authentication and data security with SSL.

For more information about CLA2 authentication and SSL see the following topics:

- Command Line Adapter 2 (Build 5104 or higher)
- Command Line Adapter 2 (Build 5104 or higher)
- PGP Package Service (Build 5104 or higher)
- PGP Unpackage Service (Build 5104 or higher)
- SWIFTNet Server Adapter (Build 5104 or higher)

Chapter 8. Build 5104 Fixes

Sterling B2B Integrator Release 5.1, Build 5104 contains the following fixes:

- Adapters
- Alert Service
- AS2
- Import/Export
- Installation
- Map Editor
- Perimeter Services
- Platform
- Scheduling
- Security/Encryption
- Services and Adapters
- Standards
- Trading Partner Profiles
- Users/Groups/Data Security
- User Interface (UI)

Adapters

Case ID: 00175952

Title: SSL generates fatal alert for protocol mismatch.

Description:

SSL handshake generates a fatal alert for protocol version mismatch.

Error Message:

```
[2010-05-07 16:24:50.853] ERROR <FTP-Client-Scheduler>; 000000000000
GLOBAL_SCOPE FtpClient99913843289com.sterlingcommerce.perimeter.api.conduit.
SSLByteDataConduit@1dd735c:Got exception doing SSL com.certicom.net.ssl.b:
FATAL Alert:PROTOCOL_VERSION - The protocol version requested is recognized
but not supported. Description: ClientState: The Peer Protocol is not Supported.
at com.certicom.tls.interfaceimpl.TLSConnectionImpl.fireException(Unknown Source
at com.certicom.tls.interfaceimpl.TLSConnectionImpl.fireAlertSent(Unknown Source
at com.certicom.tls.record.handshake.R.a(Unknown Source)
at com.certicom.tls.record.handshake.f.a(Unknown Source)
at com.certicom.tls.record.handshake.R.b(Unknown Source)
at com.certicom.tls.record.handshake.R.a(Unknown Source)
at com.certicom.tls.record.g.a(Unknown Source)
at com.certicom.tls.record.g.a(Unknown Source)
at com.certicom.tls.record.k.f(Unknown Source)
at com.certicom.tls.record.k.c(Unknown Source)
at com.certicom.tls.record.k.b(Unknown Source)
at com.certicom.tls.interfaceimpl.TLSConnectionImpl.completeHandshake(Unknown Source)
at com.certicom.tls.record.k.read(Unknown Source)
at com.sterlingcommerce.perimeter.api.conduit.SSLByteDataConduit.lowLevelRead(SSLByteDataConduit.java:441)
at com.sterlingcommerce.perimeter.api.conduit.SSLByteDataConduit.receive(SSLByteDataConduit.java:387)
at com.sterlingcommerce.perimeter.api.conduit.SSLByteDataConduit.receive(SSLByteDataConduit.java:324)
at com.sterlingcommerce.perimeter.api.conduit.SSLByteDataConduit.canReceive(SSLByteDataConduit.java:493)
at com.sterlingcommerce.perimeter.api.conduit.SSLByteConduit.canReceive(SSLByteConduit.java:268)
at com.sterlingcommerce.perimeter.api.conduit.DataConduitApiImpl$3.body(DataConduitApiImpl.java:275)
at com.sterlingcommerce.perimeter.api.ContextRunnable.run(ContextRunnable.java:52)
at com.sterlingcommerce.perimeter.api.scheduler.TaskNode.run(TaskNode.java:70)
at com.sterlingcommerce.perimeter.dispatcher.AbstractDispatcher.runTasks(AbstractDispatcher.java:431)
at com.sterlingcommerce.perimeter.dispatcher.AbstractDispatcher.doRun(AbstractDispatcher.java:397)
at com.sterlingcommerce.perimeter.dispatcher.AbstractDispatcher$2.run(AbstractDispatcher.java:172)
at java.lang.Thread.run(Thread.java:595) [2010-05-07 16:24:50.853] DEBUG <FTP-Client-Scheduler>;
```

```
000000000000 GLOBAL_SCOPE <xref format="html" href="mailto:
FtpClient99913843289com.sterlingcommerce.perimeter.api.conduit.SSLByteDataConduit@1dd735c.close"
scope="external">FtpClient99913843289com.sterlingcommerce.perimeter.api.conduit.SSLByteDataConduit@1dd735c.close</xref>()
- : Close CloseCode.CONNECTION_RESET</p>
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Adapters

QC Legacy ID: None

RTC ID: 344907, 337037, 337038

Severity: Critical

Type: NormalFix

Build: 5010, 5104

Case ID: 00355797

Title: DMI Event is not fired when the same file is transferred in subsequent order.

Description:

When a file is transferred subsequent times using Bitwise Tunnelier client, nothing is displayed in the communication session UI screen or reported elsewhere.

Error Message:

None

Resolution:

Implemented new logic to fire a Failed File Transfer event in DMI visibility UI screen.

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Adapters

QC Legacy ID: 256702

RTC ID: 344787, 184626

Severity: Critical

Type: NormalFix

Build: 5010, 5104

Case ID: RTC 346637

Title: Setting OFTPActionType = Unconditional in the OFTP Scheduler fails for PPC group.

Description:

When PPC group is expanded in the code to retrieve the list of the PPC names of that group, it only displays PPC group names.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Adapters

QC Legacy ID: None

RTC ID: 346637

Severity: Normal

Type: NormalFix

Build: 5104

Case ID: 00371022

Title: SFTP server responds with unsupported error when setting mailbox file attributes.

Description:

Trading partners can send SETSTAT and FSETSTAT commands but the system ignores the requests and continues processing.

Error Message:

None

Resolution:

Implemented logic to handle SETSTAT and FSETSTAT commands to match CEU behavior.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Adapters

QC Legacy ID: 259064

RTC ID: 344797

Severity: Normal

Type: NormalFix

Build: 5104

Case ID: 00384734

Title: HTTPS intermittent handshake failure.

Description:

Sterling B2B Integrator HTTP Client tries to connect to multiple HTTP servers in SSL mode. Intermittent failures occur during SSL handshake because of mismatched session IDs.

Error Message:

[Connection was closed from the perimeter side with error: CloseCode.HANDSHAKE_FAILURE]
[2011-12-22 09:38:35.146]

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Adapters

QC Legacy ID: 259045

RTC ID: 309630, 303611

Severity: Critical

Type: NormalFix

Build: 5010, 5104

Case ID: RTC 368702

Title: Modify name in console.cmd

Description:

&INTALL_DIR_WIN to be renamed as &INSTALL_DIR_WIN in start_remote_CLA2 console.cmd

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Adapters

QC Legacy ID: None

RTC ID: 368702

Severity: Normal

Type: NormalFix

Build: 5104

Case ID: RTC 368558

Title: Modify check to improve performance on CLA2 server.

Description:

CLA2 server fills disk space with an extended log file if you edit the command-line parameters incorrectly.

Error Message:

None

Resolution:

Restrict check to only 5 times.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Adapters

QC Legacy ID: None

RTC ID: 368558

Severity: Normal

Type: NormalFix

Build: 5104

Case ID: RTC 369000

Title: Echo started CLA2 server message should display after the script is executed.

Description:

When executing a start command in CLA2, echo started CLA2 server is displayed before the script starts.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Adapters

QC Legacy ID: None

RTC ID: 369000

Severity: Normal

Type: NormalFix

Build: 5104

Alert Service

Case ID: 00315806

Title: Define an email list for deadlineEmailTo

Description:

User unable to override the emailTo attribute with multiple email addresses in the customer_overrides.properties file.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Alert Service

QC Legacy ID: 251941

RTC ID: 345044, 184264

Severity: Normal

Type: NormalFix

Build: 5010, 5104

AS2

Case ID: 00376175

Title: EDIINTParse remains active until timeout. No MDN sent to trading partner.

Description:

When an inbound AS2 message is received from a partner whose certificate has expired and the validity option in Sterling B2B Integrator is checked at the certificate level, the EDIINTParse business process stays active on the EDIINTPipelineParse service until it reaches the "Pipeline timeout (Seconds):" limit.

Timeout is set by default at 30 minutes but is configurable at the service level, default 1800 seconds. When the timeout limit is reached, the service logs an error and writes out a status report. The business process then finishes but the HttpSyncSend business process fails as the original HTTP session from the client has been closed. Therefore no MDN is sent to the trading partner. This can cause the business processes to queue and ultimately slow down performance in the system.

Error Message:

```
[2011-11-29 11:36:15.079] ERROR 000000000000 GLOBAL_SCOPE DataFlowStage.shutdown() [MimeUnpackerDT-35] shutting down outputs.[2011-11-29 11:36:15.079]
ERROR 000000000000 GLOBAL_SCOPE DataFlowStage.shutdown() [MimeUnpackerDT-35] shutting down local.[2011-11-29 11:36:15.079]
ERROR 000000000000 GLOBAL_SCOPE DataFlowStage.shutdown() [MimeUnpackerDT-35] setting local final report.[2011-11-29 11:36:15.079]
ERROR 000000000000 GLOBAL_SCOPE DataFlowStage.shutdown() [MimeUnpackerDT-35] done shutting down.[2011-11-29 11:36:15.079]
ERROR 000000000000 GLOBAL_SCOPE DataFlowStage.doTransform() [ZLIBInflaterDT-34] shutting down dt.[2011-11-29 11:36:15.079]
ERROR 000000000000 GLOBAL_SCOPE ZLIBBaseDT.shutdown(DTC) totalIn=[3501] totalOut=[10635] inputCount=[1] outputCount=[1][2011-11-29 11:36:15.079]
ERROR 000000000000 GLOBAL_SCOPE DataFlowStage.doTransform() [MimeUnpackerDT-35] shutting down dt.EDIINT.log:[2011-11-29 11:36:15.001]
DEBUG 000000000000 GLOBAL_SCOPE Unpackaging starts at 1322566575001[2011-11-29 11:36:15.001]
DEBUG 000000000000 GLOBAL_SCOPE EDIINT: Unpackaging message[2011-11-29 11:36:15.001]
ALL 000000000000 GLOBAL_SCOPE EDIINT: Processing message MIC:null[2011-11-29 11:36:15.001]
DEBUG 000000000000 GLOBAL_SCOPE EDIINT: Processing messageNone
```

Resolution:

Apply Gentran Integration Suite, Release 4.2 Build 4223 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: AS2

QC Legacy ID: 257940, 258721, 258847

RTC ID: 303325, 303161, 303593

Severity: Normal

Type: NormalFix

Build: 4223, 5104

Import/Export

Case ID: RTC 351149

Title: Issue with Import and Export in AFT Community

Description:

When exporting an AFT community, the file does not have COMM_USER_CODE_XREFS and COMM_IP_XREFS tags. These tags maintain the association between partners and a community.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Import/Export

QC Legacy ID: 243459

RTC ID: 351149, 357269, 344786

Severity: Critical

Type: NormalFix

Build: 5010, 5104

Installation

Case ID: RTC 344882

Title: BR2_HF1 installation failure

Description:

If a permissions issue or failure occurs, the `deployer.cmd.donotmunge` file is not renamed back to `deplyer.cmd.in`. Subsequent executions of `deployer.cmd` will generate an error message.

Error Message:

A duplicate file name exists, or the file cannot be found

Resolution:

Modify logic so that `deployer.cmd.donotmunge` is renamed regardless of whether the deployer script succeeds or fails.

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Installation

QC Legacy ID: 255711

RTC ID: 344882

Severity: Normal

Type: NormalFix

Build: 5010, 5104

Map Editor

Case ID: RTC 344888

Title: Map Editor is disabled when the **Cancel** button is selected on the Duplicate Codelist window

Description:

Map Editor is disabled when the **Cancel** button is selected on the Duplicate Codelist Handling pop-up window.

Error Message:

Map Editor has encountered a problem and needs to be closed

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Map Editor

QC Legacy ID: 258216

RTC ID: 344888, 184896

Severity: Normal

Type: NormalFix

Build: 5010, 5104

Perimeter Services

Case ID: 00337310

Title: FTPS control connection closes unexpectedly.

Description:

Sterling B2B Integrator HTTP Client tries to connect to multiple HTTP Servers in SSL mode, it attempts to use the identical session ID for SSL communications between different servers.

Error Message:

None

Resolution:

Sterling B2B Integrator HTTP Client tries to connect to multiple HTTP Servers in SSL mode it tries to use the same session ID for SSL communications between different servers. As a result, intermittent failures occur during the SSL handshake due to mismatched session IDs. The session IDs are coded to use the string client, which is now being addressed to append the server name and port.

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Perimeter Services

QC Legacy ID: 251941

RTC ID: 344906, 184144

Severity: Normal

Type: NormalFix

Build: 5010, 5104

Case ID: 00304450

Title: Control connection closes unexpectedly.

Description:

Sterling B2B Integrator HTTP Client tries to connect to multiple HTTP Servers in SSL mode, it tries to use the same session ID for SSL communications between different servers. As a result, there are intermittent failures in the SSL handshake, due to the mismatch of the session IDs.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Perimeter Services

QC Legacy ID: 248568

RTC ID: 344897, 183474, 344772

Severity: Normal

Type: NormalFix

Build: 5010, 5104

Platform

Case ID: 00327519

Title: db_execFile.cmd script fails on Windows.

Description:

An update to the dynamic class loader did not include the db_execFile.cmd script.

Error Message:

```
Exception in thread "main" java.lang.NoClassDefFoundError:
com/sterlingcommerce/woodstock/util/DbConnectionTest
Caused by: java.lang.ClassNotFoundException: com.sterlingcommerce.woodstock.util
.DbConnectionTest
    at java.net.URLClassLoader$1.run(URLClassLoader.java:200)
    at java.security.AccessController.doPrivileged(Native Method)
    at java.net.URLClassLoader.findClass(URLClassLoader.java:188)
    at java.lang.ClassLoader.loadClass(ClassLoader.java:307)
    at sun.misc.Launcher$AppClassLoader.loadClass(Launcher.java:301)
    at java.lang.ClassLoader.loadClass(ClassLoader.java:252)
    at java.lang.ClassLoader.loadClassInternal(ClassLoader.java:320)
Could not find the main class: com.sterlingcommerce.woodstock.util.DbConnectionTest.
```

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Platform

QC Legacy ID: 249243

RTC ID: 183658

Severity: Normal

Type: NormalFix

Build: 5104

Scheduling

Case ID: RTC 344788

Title: Schedule table disables application processes most noticeably after system restart.

Description:

Customer experiences an issue with the Timing XML getting corrupted in the schedule table for a single schedule.

Error Message:

```
ALL 000340180144 UTIL.FRAME_SCHEDULE.INFO ScheduleServerWorker2 [ScheduleServerWorker] started
[2011-11-09 17:22:37.359] ERROR 000310180070 UTIL.FRAME_SCHEDULE.ERR_ScheduleService3
[ScheduleService] encountered exception while retrieving Schedule
[2011-11-09 17:22:37.359] ERROR 000000000000 GLOBAL_SCOPE [1320877357359] null
[2011-11-09 17:22:37.359] ERRORDTL 000000000000
GLOBAL_SCOPE [1320877357359]java.lang.NullPointerException
at java.lang.String.<init>(String.java:593)
at com.sterlingcommerce.woodstock.util.frame.schedule.
Schedule.getSchedulesFromRS(Schedule.java:2515)
at com.sterlingcommerce.woodstock.util.frame.schedule.
Schedule.getSchedulesForSystem(Schedule.java:1841)
at com.sterlingcommerce.woodstock.util.frame.schedule.
```

```
Schedule.getSchedulesForSystem(Schedule.java:1821)
at com.sterlingcommerce.woodstock.util.frame.schedule.
ScheduleServerWorker.run(ScheduleServerWorker.java:286)
at java.lang.Thread.run(Thread.java:619)
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Scheduling

QC Legacy ID: 257017

RTC ID: 344788, 184678

Severity: Critical

Type: NormalFix

Build: 5010, 5104

Security/Encryption

Case ID: RTC 346280

Title: User Identity key becomes corrupt once the system password is changed which affects the SFTP mechanism.

Description:

When the system password is updated, the key used to decrypt and encrypt the SSH profiles becomes corrupt disabling SFTP functionality.

Error Message:

Unable to connect to remote host or Unable to retrieve the key from the system

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Security/Encryption

QC Legacy ID: None

RTC ID: 346280, 184661, 356295

Severity: Critical

Type: NormalFix

Build: 5010, 5104

Case ID: 00360288

Title: OCSP invocation creates severe business process error.

Description:

System loops when performing an OCSP lookup which results in a StackOverflowException. This initially occurred in AS2 testing, however, the customer also experiences this when they attempt to look at the OCSP responder certificate in Sterling B2B Integrator

Error Message:

None

Resolution:

Implement SetAuthorityCertsOCSPInfo script to turn off OCSP info checking for all OCSP responder certificates. The OCSP responder certificates will not be enabled for the check.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Security/Encryption

QC Legacy ID: 256603

RTC ID: 184613

Severity: Critical

Type: NormalFix

Build: 5104

Case ID: 00340743

Title: BPML to implement dynamic HTTPS web service.

Description:

Expired certificates from an external agent can cause a significant security risk and should not be trusted without authentication.

Error Message:

```
[2011-09-20 06:53:37.139] ALL 000000000000 GLOBAL_SCOPE Considering cert 0 in the chain  
[2011-09-20 06:53:37.139] ALL 000000000000 GLOBAL_SCOPE
```

```
[2011-09-20 06:53:37.14] ALL 000000000000 GLOBAL_SCOPE when checking validity java.security.cert.CertificateExpiredException:  
Certificate not valid after Wed Oct 10 12:31:39 EDT 2007  
    at com.certicom.security.cert.internal.x509.X509V3CertImpl.checkValidity(Unknown Source)  
    at com.certicom.security.cert.internal.x509.X509V3CertImpl.checkValidity(Unknown Source)  
    at com.certicom.tls.cert.interfaceimpl.c.a(Unknown Source)  
    at com.certicom.tls.cert.interfaceimpl.c.verifyChain(Unknown Source)  
    at com.certicom.tls.interfaceimpl.h.a(Unknown Source)  
    at com.certicom.tls.interfaceimpl.h.b(Unknown Source)  
    at com.certicom.tls.record.handshake.ke.q.e(Unknown Source)  
    at com.certicom.tls.record.handshake.ke.q.d(Unknown Source)  
    at com.certicom.tls.record.handshake.e.b(Unknown Source)
```

```

at com.certicom.tls.record.handshake.e.a(Unknown Source)
at com.certicom.tls.record.handshake.R.b(Unknown Source)
at com.certicom.tls.record.handshake.R.a(Unknown Source)
at com.certicom.tls.record.g.a(Unknown Source)
at com.certicom.tls.record.g.a(Unknown Source)
at com.certicom.tls.record.k.f(Unknown Source)
at com.certicom.tls.record.k.c(Unknown Source)
at com.certicom.tls.record.k.b(Unknown Source)
at com.certicom.tls.interfaceimpl.TLSConnectionImpl.completeHandshake(Unknown Source)
at com.certicom.tls.record.k.read(Unknown Source)
at com.sterlingcommerce.perimeter.api.conduit.SSLByteDataConduit.lowLevelRead(SSLByteDataConduit.java:441)
at com.sterlingcommerce.perimeter.api.conduit.SSLByteDataConduit.receive(SSLByteDataConduit.java:387)
at com.sterlingcommerce.perimeter.api.conduit.SSLByteDataConduit.receive(SSLByteDataConduit.java:324)
at com.sterlingcommerce.perimeter.api.conduit.SSLByteDataConduit.canReceive(SSLByteDataConduit.java:493)
at com.sterlingcommerce.perimeter.api.conduit.SSLByteConduit.canReceive(SSLByteConduit.java:268)
at com.sterlingcommerce.perimeter.api.conduit.DataConduitApiImpl$3.body(DataConduitApiImpl.java:275)
at com.sterlingcommerce.perimeter.api.ContextRunnable.run(ContextRunnable.java:52)
at com.sterlingcommerce.perimeter.api.scheduler.PooledScheduler$GatingScheduler$1.run(PooledScheduler.java:229)
at com.sterlingcommerce.perimeter.api.scheduler.TaskNode.run(TaskNode.java:70)
at com.sterlingcommerce.perimeter.api.scheduler.DebugPooledExecutor$Worker.run(DebugPooledExecutor.java:790)
at java.lang.Thread.run(Thread.java:801)

[2011-09-20 06:53:37.14] ALL 000000000000 GLOBAL_SCOPE
[2011-09-20 06:53:37.14] ALL 000000000000 GLOBAL_SCOPE going to return: 2
[2011-09-20 06:53:37.14] ALL 000000000000 GLOBAL_SCOPE

```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Security/Encryption

QC Legacy ID: 252896

RTC ID: 344905, 184242

Severity: Critical

Type: NormalFix

Build: 5010, 5104

Case ID: 00340743

Title: Security Vulnerability - HTTP Range header

Description:

HTTP server is vulnerable to a denial of service attack that is caused by a vulnerability in the byte-range filter.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Security/Encryption

QC Legacy ID: 256940

RTC ID: 354696, 347325, 343017, 184659

Severity: Critical

Type: NormalFix

Build: 5010, 5104

Services and Adapters

Case ID: 00285697

Title: Cannot configure OFTP with certificate on Sterling B2B Integrator.

Description:

When configuring Odette FTP Physical Partner to use CA/Trusted certificates, the list of CA/Trusted certificates are not displayed even when valid credentials are stored in the system.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Services and Adapters

QC Legacy ID: 256039

RTC ID: 344909

Severity: Critical

Type: NormalFix

Build: 5010, 5104

Case ID: 00377492

Title: Sterling B2B Integrator WebDav application issue with (+1) character in file name.

Description:

Customer uploads files to Sterling B2B Integrator WebDav application with the (+1) character in filename. Once the file is uploaded to the WebDav application, (+1) become (1) and does not create the GDG version.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Services and Adapters

QC Legacy ID: 258419

RTC ID: 344809, 303760, 303780

Severity: Critical

Type: NormalFix

Build: 5010, 5104

Case ID: 00340054

Title: SFTP Server Adapter not working with UNC location for the base directory.

Description:

While configuring the SFTP Server Adapter with an absolute path it works, but when using network path such as "\\10.11.23.62\defect" (defect is shared folder) the SFTP connection does not work but functions in FTP.

Error Message:

None

Resolution:

Changes applied to asset/product/src/com/sterlingcommerce/woodstock/services/sftpserver/server/FileSystemProvider.java.

SFTP Server adapter starts working when given network path \\10.11.23.62\defect.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Services and Adapters

QC Legacy ID: 257593

RTC ID: 184770

Severity: Critical

Type: NormalFix

Build: 5104

Case ID: 00290398

Title: OFTP record keeping was modified from 48 hours to 720 hours. The adapter saves and uses both values instead of the correct value.

Description:

First timer setting for 48 hours and a second timer setting for 720 hours deleted the remaining 32 entries from the OFTP_OBJECT table even though none of these entries were 720 hours old.

Error Message:

```
[2010-11-17 10:20:42.488] DEBUG 000000000000 GLOBAL_SCOPE OFTPScheduler.OdetteFTP.startup (10:20:42.488) Create the job engine.
[2010-11-17 10:20:42.488] DEBUG 000000000000 GLOBAL_SCOPE OFTPScheduler.OdetteFTP.startup (10:20:42.488) Add job 817072887
to the process queue, params : jobtableSize = 1.
[2010-11-17 10:20:42.488] DEBUG 000000000000 GLOBAL_SCOPE OFTPScheduler.OdetteFTP.startup (10:20:42.488) Starting the job engine.
[2010-11-17 10:20:42.489] INFO 000000000000 GLOBAL_SCOPE OFTPScheduler.OdetteFTP.startup (10:20:42.489) Starting up
the OdetteFTPScheduler adapter instance OFTPScheduler.
[2010-11-17 10:20:42.491] ALL 000000000000 GLOBAL_SCOPE OFTPScheduler.OdetteFTP.startup (10:20:42.491) Loaded Adapter Properties:
[2010-11-17 10:20:42.497] DEBUG 000000000000 GLOBAL_SCOPE OFTPScheduler.OdetteFTP.startup (10:20:42.497) Add job 888249857
to the process queue, params : jobtableSize = 2.
[2010-11-17 10:20:42.518] INFO 000000000000 GLOBAL_SCOPE OFTPScheduler.OdetteFTP.startup (10:20:42.518) The adapter is running.
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Services and Adapters

QC Legacy ID: 243296

RTC ID: 344795, 181525, 344792

Severity: Normal

Type: NormalFix

Build: 5010, 5104

Case ID: 00285697

Title: Unable to attach certificates to physical partners during configuration of OFTP.

Description:

During configuration of OFTP Physical Partner to use CA certificates, it was not possible to attach certificates to the physical partner.

Error Message:

```
[2011-10-19 11:08:27.218] ERROR 000000000000 GLOBAL_SCOPE OdetteFtpBaseEditor
(11:08:27.203) Failed to get all System Certificates
[2011-10-19 11:08:27.234] ERROR 000000000000 GLOBAL_SCOPE OdetteFtpBaseEditor
(11:08:27.218) An Exception occurred in com.sterlingcommerce.woodstock.ui.OdetteFtpPPEditor.prepareAllSystemCertificates.
The reason is : Error building CACertArray.
[2011-10-19 11:08:37.453] ERROR 000000000000 GLOBAL_SCOPE OdetteFtpBaseEditor
(11:08:37.453) Failed to get all valid Certificates
[2011-10-19 11:08:37.453] ERROR 000000000000 GLOBAL_SCOPE OdetteFtpBaseEditor
(11:08:37.453) An Exception occurred in com.sterlingcommerce.woodstock.ui.OdetteFtpPPEditor.prepareAllValidCertificatesVector.
The reason is : Error building CACertArray.
[2011-10-19 11:10:19.686] ERROR 000000000000 GLOBAL_SCOPE OdetteFtpBaseEditor
(11:10:19.686) Failed to get all System Certificates
```

```
[2011-10-19 11:10:19.686] ERROR 000000000000 GLOBAL_SCOPE OdetteFtpBaseEditor
(11:10:19.686) An Exception occurred in com.sterlingcommerce.woodstock.ui.OdetteFtpPPEditor.prepareAllSystemCertificates.
The reason is : Error building CACertArray.
[2011-10-19 11:10:39.748] ERROR 000000000000 GLOBAL_SCOPE OdetteFtpBaseEditor
(11:10:39.748) Failed to get all valid Certificates
[2011-10-19 11:10:39.748] ERROR 000000000000 GLOBAL_SCOPE OdetteFtpBaseEditor
(11:10:39.748) An Exception occurred in com.sterlingcommerce.woodstock.ui.OdetteFtpPPEditor.prepareAllValidCertificatesVector.
The reason is : Error building CACertArray.
[2011-10-19 11:46:30.255] ERROR 000000000000 GLOBAL_SCOPE OdetteFtpBaseEditor
(11:46:30.255) Failed to get all System Certificates
[2011-10-19 11:46:30.255] ERROR 000000000000 GLOBAL_SCOPE OdetteFtpBaseEditor
(11:46:30.255) An Exception occurred in com.sterlingcommerce.woodstock.ui.OdetteFtpLPEditor.prepareAllSystemCertificates.
The reason is : Error building CACertArray.
[2011-10-19 11:46:35.068] ERROR 000000000000 GLOBAL_SCOPE OdetteFtpBaseEditor
(11:46:35.068) Failed to get all valid Certificates
[2011-10-19 11:46:35.068] ERROR 000000000000 GLOBAL_SCOPE OdetteFtpBaseEditor
(11:46:35.068) An Exception occurred in com.sterlingcommerce.woodstock.ui.OdetteFtpLPEditor.prepareAllValidCertificatesVector.
The reason is : Error building CACertArray.
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Services and Adapters

QC Legacy ID: 256039

RTC ID: 344909, 184531

Severity: Critical

Type: NormalFix

Build: 5010, 5104

Case ID: 00323447

Title: OFTP ISDN connection file transfer failure

Description:

Class does not return a valid transition status I_WF_NC and Event N_RST_IND.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Services and Adapters

QC Legacy ID: 251586

RTC ID: 344775, 184118, 328371

Severity: Normal

Type: NormalFix

Build: 5010, 5104

Case ID: 00388742

Title: Memory leak with HashTable growth in the OFTP2 system

Description:

Performance issue around OFTP2 system. HashTables were growing continuously causing memory leak in the system.

Error Message:

None

Resolution:

Modified files:

- /woodstock/clumps/clump_asset/product/src/com/sterlingcommerce/woodstock/services/oftp/comm/ip/driver/PerimeterChannel.java
- /woodstock/clumps/clump_asset/product/src/com/sterlingcommerce/woodstock/services/oftp/comm/ip/driver/PerimeterConnector.java
- /woodstock/clumps/clump_asset/product/src/com/sterlingcommerce/woodstock/services/oftp/protocolEngine/ProtocolEngine.java

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Services and Adapters

QC Legacy ID: 259359

RTC ID: 344784, 311416, 314270

Severity: Critical

Type: NormalFix

Build: 5010, 5104

Case ID: 00344842

Title: Users do not have access to edit adapter configurations.

Description:

Users are receiving a permission error when attempting to access the edit service configurations.

Error Message:

You do not have the appropriate permissions to access this area.
Please contact your system admin.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Services and Adapters

QC Legacy ID: 258312

RTC ID: 344880, 184921

Severity: Normal

Type: NormalFix

Build: 5010, 5104

Standards

Case ID: 00275721

Title: GS05 Date Format HHMM to HHMMSS

Description:

X12 standard GS05 Time field can contain 4-8 digits. Sterling B2B Integrator allows outbound EDI to generate as a 4-digit time field (HHMM).

Error Message:

None

Resolution:

The GS05 time format is now supported for X12 outbound GS envelopes (HHmm, HHmmss, HHmmssS, and HHmmssSS).

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Standards

QC Legacy ID: 240892

RTC ID: 345052, 181095

Severity: Normal

Type: NormalFix

Build: 5010, 5104

Case ID: 00289702

Title: Rosettanet acknowledgement fails with PIP tracking service error.

Description:

After receiving a Rosettanet message, Sterling B2B Integrator cannot send an acknowledgement back to the initiator which results in an error at the PIP Tracking service step.

Error Message:

```
[2011-03-29 13:20:44.024] ERROR 000000000000 GLOBAL_SCOPE SQL Exception occurred during save of PIP tracking correlation data.
[2011-03-29 13:20:44.024] ERROR 000000000000 GLOBAL_SCOPE [1301394044024] DB2 SQL error: SQLCODE: -407, SQLSTATE: 23502,
SQLERRMC: TBSPACEID=2, TABLEID=81, COLNO=4
[2011-03-29 13:20:44.024] ERRORDTL 000000000000 GLOBAL_SCOPE [1301394044024]com.ibm.db2.jcc.c.SqlException:
DB2 SQL error: SQLCODE: -407, SQLSTATE: 23502, SQLERRMC: TBSPACEID=2, TABLEID=81, COLNO=4
~at com.ibm.db2.jcc.c.qh.b(qh.java:1378)
~at com.ibm.db2.jcc.c.qh.c(qh.java:1365)
~at com.ibm.db2.jcc.a.db.k(db.java:352)
~at com.ibm.db2.jcc.a.db.a(db.java:60)
~at com.ibm.db2.jcc.a.t.a(t.java:52)
~at com.ibm.db2.jcc.a.tb.b(tb.java:202)
~at com.ibm.db2.jcc.c.rh.Z(rh.java:1843)
~at com.ibm.db2.jcc.c.rh.d(rh.java:2409)
~at com.ibm.db2.jcc.c.rh.U(rh.java:459)
~at com.ibm.db2.jcc.c.rh.executeUpdate(rh.java:442)
~at com.sterlingcommerce.woodstock.util.frame.jdbc.JDBCService.executeUpdate(JDBCService.java:4474)
~at com.sterlingcommerce.woodstock.workflow.CorrelationImpl.saveNameValuePair(CorrelationImpl.java:2535)
~at sun.reflect.GeneratedMethodAccessor227.invoke(Unknown Source)
```

Resolution:

OBJECT_ID column on COORELATION_SET table is used to track the document ID or workflow ID, since document ID in DOCUMENT table is defined to be 255 characters at maximum an overflow issue occurs. Increase the OBJECT_ID column to 255 to fit any document ID.

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Standards

QC Legacy ID: 256467

RTC ID: 344808, 184588

Severity: Critical

Type: NormalFix

Build: 5010, 5104

Case ID: 00359668

Title: EDIFACT Envelope service fails when restarting a business process.

Description:

Since updating from Build 5007 to Build 5008, restarted business processes doing outbound EDIFACT enveloping all fail with a correlation error.

Error Message:

```
[2011-12-05 18:00:08.303] DEBUG 000520070004 EDI.EDI_ENCODING.DEB_EDIEncoder_str1 EDIEncoder processData() ending...
[2011-12-05 18:00:08.303] DEBUG 000520070006 EDI.EDI_ENCODING.DEB_EDIEncoderServiceImpl_str2 EDIEncoder processData() ending...
[2011-12-05 18:00:08.365] DEBUG 000520080001 EDI.EDI_ENVELOPING.DEB_EDIEEnvelopeServiceImpl_start [EDIEnvelope] processData() starting...
[2011-12-05 18:00:08.365] DEBUG 000520080002 EDI.EDI_ENVELOPING.DEB_EDIEEnvelopeServiceImpl_end [EDIEnvelope] processData() ending...
[2011-12-05 18:00:08.381] DEBUG 999999999999 EDI.EDI_EDIFACTENVELOPING.DEB_EnvelopeEDIFACTServiceImpl_start EnvelopeEDIFACT.envelope() starting...
[2011-12-05 18:00:08.396] ERROR 000510030008 EDI.EDI_EDIFACTENVELOPING.ERR_EnvelopeEDIFACTServiceImpl_exception7 Exception while enveloping document
[2011-12-05 18:00:08.396] ERROR 000000000000 GLOBAL_SCOPE [1323104408396] No correlations found for document identifier: gis50test3:nodel:133f4bfc6e9:
7255214 document name: PS_EDII_OUTBOUND.txt
[2011-12-05 18:00:08.396] ERRORDTL 000000000000 GLOBAL_SCOPE [1323104408396]com.sterlingcommerce.woodstock.services.edi.EDIException: No correlations found
for document identifier: gis50test3:nodel:133f4bfc6e9:7255214 document name: PS_EDII_OUTBOUND.txt
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Standards

QC Legacy ID: 258315, 259039

RTC ID: 345056, 303222, 303363

Severity: Critical

Type: NormalFix

Build: 5010, 5104

Case ID: 00174933

Title: Problem in processing the XML message type IFTSTA

Description:

Document Keyword Replace misinterprets data when executed on an XML file. The wanted string is replaced, but unrelated tags are corrupted.

Error Message:

QAD0H</Loca2954628 DOHA QA 201005020940

Resolution:

Use the existing code to screen match, and if a match is found, then perform additional checking in a string to verify that the match is correct.

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Standards

QC Legacy ID: 228995

RTC ID: 345053, 177956

Severity: Normal

Type: NormalFix

Build: 5010, 5104

Case ID: 00354898

Title: RND Enveloping service does not properly populate the ProcessID.

Description:

Outbound RND envelope process uses the ALA value for the ProcessID instead of the MessageType.PreSession rule.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Standards

QC Legacy ID: 255325

RTC ID: 345060, 184476

Severity: Critical

Type: NormalFix

Build: 5010, 5104

Case ID: 00361119

Title: 999s are not reconciling for the FA report

Description:

Inbound 999s successfully processed do not reconcile to the Outbound 837s.

Error Message:

Could not find AK9

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Standards

QC Legacy ID: 256787

RTC ID: 345058, 303073

Severity: Critical

Type: NormalFix

Build: 5010, 5104

Case ID: RTC 344896

Title: XML Translations failing with Code: 692 Unexpected XML PCData.

Description:

During translation of an XML input file, the translator is returning a Code: 692 Unexpected XML PCData error.

Error Message:

Code: 692 Unexpected XML PCData

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Standards

QC Legacy ID: None

RTC ID: 344896, 309991

Severity: Normal

Type: NormalFix

Build: 5010, 5104

Trading Partner Profiles

Case ID: 00366651

Title: Error occurs when setting up a Trading Partner using special characters.

Description:

When creating a remote SSH profile, if special characters are entered in both remote user and remote host name, Sterling B2B Integrator generates an error. When the host name does not contain any special characters and special characters are used in the user name no error occurs.

Error Message:

Remote user contains special characters

Resolution:

Implemented logic to support alphanumeric characters in the **Remote User** field ('_', '-' and '\$').

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Trading Partner Profiles

QC Legacy ID: 256957

RTC ID: 344803, 303089

Severity: Critical

Type: NormalFix

Build: 5010, 5104

Case ID: 00358377

Title: SSH remote profiles become corrupt when updating system password.

Description:

When the system password is updated the key that is used to decrypt and encrypt the SSH profiles becomes corrupted.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Trading Partner Profiles

QC Legacy ID: 256952

RTC ID: 184661, 339017

Severity: Critical

Type: NormalFix

Build: 5010, 5104

Users/Groups/Data Security

Case ID: 00318836

Title: Issue with creating permissions

Description:

When logging into Sterling File Gateway, user is associated with a custom group but unable to see any Arrive File Events information.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: Users/Groups/Data Security

QC Legacy ID: 248373

RTC ID: 183437

Severity: Normal

Type: NormalFix

Build: 5104

User Interface (UI)

Case ID: 00306600

Title: Up/Down function does not work properly on Trading Partner certificate screens.

Description:

Sort up and down buttons do not work in the AS2 wizard. The buttons allow moving the certificates in the list to get them in the required order.

Error Message:

None

Resolution:

frm.certlist was used to access the object where frm (form used in jsp file) is not required which is a javascript error, that's why the arrow buttons were not working as expected. Only certlist should be used in multicert.jsp.

Apply Sterling B2B Integrator Release 5.0, Build 5010 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: User Interface (UI)

QC Legacy ID: 245828

RTC ID: 344860, 182545

Severity: Normal

Type: NormalFix

Build: 5010, 5104

Case ID: 00273760

Title: The message management screen does not clear the Filter by name mailbox name.

Description:

The message management screen does not clear the mailbox name when Filter by name option is chosen.

Error Message:

It becomes difficult for the customer to use other names in the filter for message selection.

Resolution:

Implemented logic to the MBMessageSearch.java file. The mailboxFilter is cleared when navigating to another page then returning to the message selection screen.

Apply Sterling B2B Integrator Release 5.1, Build 5104 or later.

Functional Area: User Interface (UI)

QC Legacy ID: 241624

RTC ID: 181234

Severity: Normal

Type: NormalFix

Build: 5104

Chapter 9. Build 5104 APARs

Abstract

This Authorized Problem Analysis Report (APAR) listing applies to the problems that are fixed in Sterling B2B Integrator Release 5.1, Build 5104.

Content

For complete APAR information and fix summaries, search for the individual APAR on the IBM Support Portal (www.ibm.com/support).

APAR	Problem Description
IC82097	OFTP communication session closes unexpectedly due to an issue with the concurrent session counter.
IC82375	Sterling B2B Integrator installation fails on Linux OS version 2.6.32.12-0.7-default.
IC83853	Display of stack trace and back-end information causes a security vulnerability.
IC83548	An exception in the log file is visible when an OFTP trading partner abruptly interrupts the OFTP session.
IC81440	Changes do not save when you modify the Sender or Responder business process to Not Applicable in a contract.
IC85118	FTP Client services fail with missing session token error despite token remaining present in process data.
IC81673	Sterling B2B Integrator repeatedly logs an unrecoverable error when monitored by Sterling Control Center.
IC82637	Performance degradation is caused by a full table scan of the corresponding certificate table and associated objects.
IC81868	The Odette FTP Scheduler service is bootstrapping multiple business processes causing unexpected behavior.
IC82531	When you import a .ddf into a new map or replace the file definition in an existing map, the map editor closes unexpectedly.
IC82289	Within a Sterling B2B Integrator 2 node cluster, the second node becomes unstable after startup caused by 4 noapp instances that start concurrently.
IC84735	Sterling B2B Integrator repeatedly logs an unrecoverable error when monitored by Sterling Control Center.
IC83471	Cluster failover issue with HTTP Client adapters. HTTP Client is kicking off on a node that is not active.
IC82518	BPMetadata service error is encountered when retrieving WFD_ID by WORKFLOW_ID.
IC81985	If the OFTP process throws an Unknown Host Exception the process hangs on which requires manual termination.
IC83533	Prevent multiple calls to the isDB2() and isInformix() by providing static initialization for those values.
IC81146	When using the Install New Features section of MESA Developer Studio, Eclipse looks for Mesa plug-in versions that do not exist.
IC83832	FTPS Client Transmitting and Perimeter services does not detect that the control connection is shut down.
IC84768	RETRY_PENDING state in the OFTP_OBJECT table cannot distinguish between a file that has not been tried to send and a file that made an attempt to send but failed.
IC81419	Unable to connect to GXS using GXS ICS FTPS adapter.
IC82800	Granular mailbox permissions are overwritten when you modify a user.
IC83064	Japanese email attachment file name text turns to another name when using the Mail Mime service and SMTP Send adapter.

APAR	Problem Description
IC83915	SFTP Server banner message sftp.properties.BannerMessage= cannot be disabled.
IC83599	FTP Client business processes wait on IO induced by SSL. All other clients, FTP or FTPs, go directly to waiting on IO.
IC81220	When using DOMToDoc to create a new document from Process Data, the prefix is dropped in the created document.
IC82591	Admin audit report does not display correct user ID.
IC83696	ProcessData download missing SCIOBJECTID attributes for documents.
IC83249	Reduce the number of correlation entries that are written to the CORRELATION_SET table when any PUT, ADD, GET, EXTRACT operation is performed.
IC83895	Cannot modify or save the signing and encryption certificates in the AS2 organization.
IC82517	XAPI getWorkFlowDefDetails fails when XAPI service calls to request information on a business process that has been checked in as a .bp file.
IC82039	Users can navigate outside of the virtual root into other user directories.
IC83692	CLA2 port is not bound to a specific interface, sandbox.cfg shows the port belongs to CLA2_PORT=nnnn.
IC81694	When upgrading from GIS 4.2 to Sterling B2B Integrator 5.1, XML translations where Validate_Output=NO has been defined are failing with Error 100 Mandatory Data Missing.
IC82544	XML to positional translation is failing with error code 301 when an XML element is defined as Mandatory.
IC84787	CSV data often contains the column names in the first line of data when you create a variable delimited map.
IC82559	SOA Outbound Message Processing service fails with documents over a certain size.
IC82091	SAP Routes cross-reference list does not sort and user cannot search by route name.
IC83250	Error trying to edit mailbox delete service.
IC82205	FTP Client adapter does not validate the local data port specification when using passive mode.
IC82061	Mailbox interface message search page does not function correctly when the message name pattern contains an ampersand character.
IC83917	The Base Port + 56 (BI_RESOURCE_MONITOR_EVENT_LISTENER_PORT) is not bound to a specific interface.
IC82819	Visibility.log showing SQL error after importing a service into Sterling B2B Integrator.
IC82608	AlertService query execution causing excessive system usage.
IC82780	File in use by another process during system startup forcing an error message.
IC84971	When importing a .ddf into a new map, or replacing a file definition in an existing map, the map editor closes without notice.
IC83265	Compiler does not generate the correct validation errors if the InvokeSubProcess service is used instead of the InvokeBusinessProcess service.
IC81977	When copy pasting numerous times within the map editor, multiple fields can have the same field name. Field names should always be unique.
IC83405	After OFTP timeout files are stuck in a SCHEDULED and LOCK state in the database.
IC82105	An outbound EERP remains scheduled and locked in the database if there is a network reset on the ISDN after the EERP command has been submitted.
IC81783	OFTP timeout occurs after sending the EFID. The timeout triggers the closing of the session but the corresponding file remains locked in the database.
IC85648	Certificates with attribute 1.3.2 in the subject field cannot be checked into the system.
IC82726	SSL cookie not used for mailbox interface resulting in a security vulnerability.
IC83295	OFTP adapter unresponsive and unable to start up any new communication session when customer updates partner physical contract.
IC83549	When using OFTP to send a file to a trading partner, the trading partner answers with a positive confirmation and issues a timeout indication directly after.
IC83472	Enable support for UsingRevealedPasswd parameter in the SFTP Client adapter.

APAR	Problem Description
IC81272	Within an XML translation, "Always trim white space from PCDATA" is not always working when volume is high and two XML maps are called.
IC83194	Only users with administrator privileges can access the queue watch screen.
IC82781	SFTP server LIST command fails to list directory content if the directory ends with a slash.
IC84700	The Graphical Process Modeler is removing the "Allow Process Data write" from the Message From service.
IC84765	OFTP no retry occurs because of a read failure.
IC82413	Error logged in edi.log file when processing an EDIFACT file by EDIFACTDeenvelope service.
IC83817	OFTP outbound file stuck in SCHEDULED and LOCK status.
IC84677	Error occurs when sending HPB, FUL, and FDL order types to a remote EBICS server.
IC82111	Unable to exchange large EBICS FUL messages.
IC82868	Within the map editor, the validation tab includes an incorrect check box.
IC83015	Translation error occurs after spring DST.
IC81828	Collate extended rule works in the first field and can include only one record per result group.
IC84948	Processing larger files through a translation service results in missing data from the output file.
IC83747	EDI processing incurs long delays due to poor performance of enveloping acknowledgement reconciliation.
IC82707	System Log Error - Caught ProfileFinderException in EntityNameLoader.load()
IC82089	ACH Enveloping service issue with missing batches after migration.
IC83812	Limited number of parallel business processes permitted when using the OdetteFTP Scheduler service to bootstrap business processes for outbound connections.
IC86869	Sterling File Gateway Communities page takes an excessive amount of time to load where communities exceed normal quantities.
IC84938	No Transition for Status OCB3AP and Event CAPI2_DISCONNECT_IND in protocol engine CAPI.
IC86287	Ops server is expected to return HTTP code 403 Forbidden to deter potential exploitation.
IC85805	SOAP Outbound service includes the Content-ID header for an attachment. Remaining attributes are missing from the binary attachment.
IC86694	System Alert portlet listing does not show the most recent events sorted correctly in the Gentran Integration Suite Admin Console.
IC86064	Update to the Input XML File documentation to include all the acceptable attributes for the manageCertificate option that is missing for the XAPI service.
IC85366	Sterling Connect:Direct host name lookup fails in Gentran Integration Suite.
IC85404	An interruption occurs when recover.bpml is performed on a business process with an extended SFTP Client Begin service operation.
IC86796	Duplicate constraint error occurs when you check in a WSDL. WSDL includes both HTTP and HTTPS ports for the same operation.
IC81563	Spaces are permitted in the LOCAL_DATA_PORT_RANGE and LOCAL_CONTROL_PORT_RANGE fields of Transport in AFT Partner.
IC83522	Blocked FTP server threads causing performance bottleneck.
IC86400	Sending a 7 character integer to a packed(0) data field with a maximum length of 4, results in Error 112 Data Too Long.
IC84767	OFTP Scheduler does not use the sort order. When polling the SCHEDULED file list, files must be collected chronologically by oldest first.
IC85360	OFTP IP mode transfer stops in the system, associated business processes move to WAITING_ON_IO.

APAR	Problem Description
IC83125	Cannot view operations log in cluster environment from other nodes in Sterling B2B Integrator.
IC81373	The HTTP adapter cannot be restricted to a group of users. Once configured, it should be accessible to any user.
IC88509	AS2 throws an error when a user selects Next and then Back when the identity name is changed.
IC84103	Segmentation failure caused by WebSphere® MQ PUT service when message size is larger than wsmq_maxMsgSize.
IC84082	Input validation issue in the RNVisibility page can cause a security vulnerability.
IC86998	Central search displays incorrect search criteria after you search with a wildcard and select return.
IC87025	Element content is invalid according to the DTD/schema.
IC82113	Error when you install Sterling B2B Integrator V5.1 on new hardware/OS.
IC81479	MBI applications hang when searching a message name that contains column characters with an account that does not have an email address setup.
IC81998	Sterling B2B Integrator attempts to use an adapter container that is offline during heavy processing.
IC85249	ChangePassphrase.sh corrupts SSH profiles. The key that is used for encrypting SSH profiles gets changed to an unknown value and throws an exception.
IC86604	Web UI display modification is required to properly fit within the browser window.
IC87638	B2B Mail Client adapter creates lock that never times out.
IC87001	NLST and LIST commands throw 550:File not found or 450:File not found error if the file name passed does not exist in the system.
IC86537	HTTP Error 404 encountered when you configure the HTTP Server adapter instance with mailbox.war on the root URI.
IC81661	When the Schedule_DBMonitor service runs on a Sterling B2B Integrator install against the SQL Server, it reports an error.
IC89319	OverdueAckCheck business process fails with a java.lang.NullPointerException error.
IC87412	NullPointerException error occurs during CDServerCopyFromService when doc_tracking.makeTrackingExtensions=false.
IC85189	startCmdLine2.sh/startCmdLine2.cmd script must be manually updated with passphrase and host name option to mitigate a security vulnerability in the CLA2 service.
IC88972	AFT UI allows access when user credentials are present in the URL.
IC85852	CDSA holds 4 GB of the heap space on both production cluster nodes.
IC90737	MESA Developer Studio doc incorrectly states to use JAVA 5
IC90292	ADD INFORMATION TO THE DOCUMENTATION FOR THE DOCUMENT EXTRACTION SERVICE
IC91218	REQUIREMENT NEEDED TO LIST ALL SWIFTNET7 CLIENT SERVICE MESSAGE NAMES

Chapter 10. Build 5103 Overview

Overview

The enhancements and fixes described in this document apply to Sterling B2B Integrator Release 5.1, Build 5103. For a listing and detailed information see Chapter 11, “Build 5103 Enhancements,” on page 53 and Chapter 12, “Build 5103 Fixes,” on page 57.

System Upgrade

Customers using the existing SWIFTNet Server Adapter on the Oracle Solaris platform are required to patch their SUN OS to pick up the SUNWlibC 1.3.2 library and also the new 0.9.8 OpenSSL library (if they are using SSL) as part of receiving our adapter updates.

For Oracle SUN OS, the download is available from Oracle Support (<https://support.oracle.com>).

For OpenSSL, the download is available from OpenSSL (<http://www.openssl.org>).

Disk Space Requirements

The Sterling B2B Integrator Release 5.1, Build 5103 requires approximately 712 MB memory space to download and 4.5 GB memory space for installation.

Article Identification

Currently a transition is underway to migrate customer issues from the current customer reporting system to a new APAR system. Consequently, an InQuira ID will no longer be assigned to issues. This will be temporarily replaced by the following QC Legacy ID and RTC ID.

Build Document Fields and Definitions

The descriptions of the fields for each entry in the build information document and a description of the information each contains.

InQuira ID

Each entry within the patch information document is also entered into our customer-facing Knowledgebase. This ID represents the article number within the Knowledgebase. The Knowledgebase can be accessed via the Sterling Commerce Customer Center website.

Functional Area

Represents the area of the product in which the issue was found and a fix was made. The patch information document is organized by grouping the fixes under their respective functional area.

Escalation ID/Case ID

An internal ID used by IBM Customer Support. IDs that are a numerical value represent items that were reported by customers or consultants. IDs with the value “QC” represent items that were found internally.

QC Legacy ID

A legacy QC internal ID used by IBM Customer Support and Engineering to track the specific details of the fix at a code level.

Rational Team Concert (RTC) ID

An internal ID used by IBM Customer Support and Engineering to track the specific details of the fix at a code level.

APAR An external ID used by IBM Customer Support and Engineering to track the specific details of the fix. The content of an APAR (Authorized Problem Analysis Report) is published on the IBM Support Portal (www.ibm.com/support).

Note: The transition to APARs is still underway and therefore an APAR is not included for every fix listed in this document. The APAR appears only with fixes that include an APAR on the IBM Support Portal.

Severity

There are currently two possible values for severity:

Critical

Represents fixes that are core to the product and have the potential to result in a critical or production down scenario if not applied. Example: An issue with our JDBC pools would be core to the product and apply to all Gentran Integration Suite and Sterling B2B Integrator users. An issue with an adapter or service, such as Document Keyword Replace, would most likely not be flagged as critical. It could be critical to users that are using this particular service or adapter, but not part of core.

Note: An exception could be made if an engineer feels the non-core functional area defect is severe enough or widely used enough to classify it as critical.

Normal

Represents fixes that are less severe and do not result in critical or production down scenarios for the core product. However, fixes could be critical to individual users of that service or adapter. It is important to look at all fixes and determine the specific impact on your environment. Determining impact is based on your usage of the various services, adapters, and the various functional areas of Sterling B2B Integrator.

Type There are currently three possible values for type:

Core Change

Although rare, it is possible that fixing a defect requires a core change to the functionality of that component. It is important to test any functional area that is being used if the fix is flagged as Core Change.

New Functionality

In most cases, new functionality is listed in the *Product Enhancements* section of the patch info document. Although rare, it is possible that fixing a defect could mean adding additional functionality to that component.

Normal Fix

Most entries are flagged as Normal Fix. Representing items reported from the field or found internally that do not result in a core change or the addition of new functionality.

Build Represents the build (patch) number in which the fix was first introduced. In some cases, a fix is applied to multiple versions of the product. Patches are cumulative, so fixes exist in the introduction build and in any later build (higher build number) for that version of the product.

Chapter 11. Build 5103 Enhancements

Sterling B2B Integrator Release 5.1, Build 5103 contains the following enhancements:

- Installation
- Performance
- Security/Encryption
- Services and Adapters
- Sterling File Gateway

Installation

JDK Upgrade for Windows

Description:

Minor level Sun JDK (1.6.14 to 1.6.31) upgrade scripts created for 5.1 (upgradeJDK.cmd).

For detailed information see Sterling B2B Integrator 5.1 *Systems Requirements and bin Directory Scripts and Files*.

QC Legacy ID: 257628

RTC ID: 184777

Build: 5103

Apply Sterling B2B Integrator, Release 5.1 Build 5103 or later.

JDK Upgrade for UNIX

Description:

Minor level Sun JDK (1.6.14 to 1.6.31) upgrade scripts created for 5.1 (upgradeJDK.sh).

For detailed information see Sterling B2B Integrator 5.1 *Systems Requirements and bin Directory Scripts and Files*.

QC Legacy ID: 248783

RTC ID: 183525

Build: 5103

Apply Sterling B2B Integrator, Release 5.1 Build 5103 or later.

Performance

New Key Format to Decrease Index Fragmentation

Description:

Sterling B2B Integrator contains a New Key format to decrease index fragmentation. This Globally Unique Identifier (GUID) key format decreases the maintenance cost associated with index fragmentation and rebuilding of the index.

New GUID format:

```
<2digit_random_configurable>:<sequence_1000_9999_configurable><systemmillis_in_hex><nodename>
```

The GUID format is designed to avoid or reduce most of the problems through the following changes and resulting advantages. The new key format also gives users flexibility to adjust the randomness and the sequence number length to suit their data requirement.

QC Legacy ID: 258796

RTC ID: 316577

Build: 5103

Apply Sterling B2B Integrator, Release 5.1 Build 5103 or later.

Security/Encryption

Enable SSP to Interface with Sterling B2B Integrator User Store

Description:

To enable Sterling Secure Proxy (SSP) to interface with Sterling B2B Integrator user store and SAML support, there are two new XAPIs:

isAuthenticated

XAPI checks that the provided credentials are valid for login to Sterling B2B Integrator.

changePassword

XAPI allows a change to a user's password.

A new Auth Type: BOTH is added to Sterling B2B Integrator. Once set up Sterling B2B Integrator attempts authentication as an internal user and then falls back to an external store if the internal store fails to authenticate.

QC Legacy ID: 245209,231841

RTC ID: 310553, 310285

Build: 5103

Apply Sterling B2B Integrator, Release 5.1 Build 5103 or later.

Services and Adapters

Support for PGP Command Line Version 10.1

Description:

Support for Pretty Good Privacy (PGP) command line version 10.1 has been added for use with the PGP Unpackage service and the PGP Package service in the PGP Server Manager. A selection option for PGP 10.1 has been added and can be applied in both the PGP Unpackage service and the PGP Package service. For additional details see Sterling B2B Integrator 5.1 *Services and Adapters M - Z* and *PGP Server Manager*.

QC Legacy ID: 244498

RTC ID: 310554

Build: 5103

Apply Sterling B2B Integrator, Release 5.1 Build 5103 or later.

Sterling File Gateway

Communities and Partners

Description:

Allow individual Sterling File Gateway partners to be exported rather than requiring that partners are only exported via a resource tag that includes all partners in a community.

For additional details see *Sterling File Gateway 2.1*.

QC Legacy ID: None

RTC ID: 315931, 320305, 310039

Build: 5103

Apply Sterling B2B Integrator, Release 5.1 Build 5103 or later.

Chapter 12. Build 5103 Fixes

Sterling B2B Integrator Release 5.1, Build 5103 contains the following fixes:

- Advanced File Transfer
- Archiving
- AS2
- Asset Protection
- Connect:Direct®
- Document Keyword Replace Service
- Enveloping
- FIFO
- Graphic Process Modeler
- Import/Export
- Index/Purge
- Installation
- InstallService
- Mailbox
- Map Conversion
- Map Editor
- Performance
- Perimeter Services
- Platform
- Scheduling
- Security/Encryption
- Sterling File Gateway
- Services and Adapters
- Standards
- Trading Partner Profiles
- Users/Groups/Data Security
- User Interface (UI)
- Web Services
- Workflow Engine

Advanced File Transfer

Case ID: 26255

Title: Routes complete but still listed in the Routes Currently In Progress

Description:

Advanced File Transfer (AFT) routes are being placed into routes Currently in Progress status and must be manually set as completed with SQL queries. The line

that contains AFT_1199 is not in order and the time does not follow the flow. AFT_1199 needs to be the last entry or else it is stuck in the Currently in Progress state.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Advanced File Transfer

QC Legacy ID: 181320, 225992, 242618

RTC ID: 310334

Severity: Normal

Type: NormalFix

Build: 4325, 5009, 5103

Archiving

Case ID: 00314531

Title: Sterling B2B Integrator is unable to restore the documents (with document encryption) on File System via Restore Manager.

Description:

After applying the fix 5101_BR287013_HF2, Sterling B2B Integrator/Sterling File Gateway is able to archive documents on the file system. However, when using the Archive Manager to restore the archive business process and documents, the restore Service business process failed to restore the document on disk.

Error Message:

```
Failed to restore document on disk.  
RestoreService failed
```

Resolution:

An extra space in the file path is causing the archiving failure. The code is modified to resolve this issue.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Archiving

QC Legacy ID: 248892

RTC ID: 183565

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 324709

Title: Archive Manager Update Set Persistence for all BPs

Description:

Archive Manager changes persistence on business processes that are updated from System Default to the actual system default. The Archive Manager should not change Persistence. The purpose of the Archive Manager is to alter the default days and hours that business processes remain in the system before either archived or purged. Gentran Integration Suite users need to be defined with superuser permission to be able to access the AS3 menu item.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Archive Manager

QC Legacy ID: 248945, 249265, 249266, 252864

RTC ID: 309897

Severity: Normal

Type: NormalFix

Build: 4325, 5009, 5103

AS2

Case ID: 00170582

Title: Custom AS2Extract Overwritten in Contract Each Time AS2 Profile is Changed

Description:

A customer business process defined in the AS2 Contract is reset back to AS2Extract when the AS2 Partner profile is updated.

Error Message:

None

Resolution:

For default business processes, Sterling B2B Integrator maintains which business process is used based on collection type (mailbox or file system) and MDN delivery method (sync or async). When changing the default business process to a custom business process be sure that the custom business process works with the correct MDN delivery method. Sterling B2B Integrator assigns a default business process again when collection type is changed because a business process works differently for different collection types.

For Default business processes provided by the AS2 wizard:

1. When storage type changes from FS to Mailbox or vice versa, the contract is updated with respective business processes.
2. When MDN type is modified the contracts are updated with Respective business processes for both storage types (for FS it is always AS2Extract).
3. When payload type, end point, or any other change is made to the identity, the contracts are not updated to any other business processes.

For Custom business processes created by the user:

1. When storage type changes from File System to Mailbox or vice versa, contracts are updated with the business processes of the new storage type.
2. When MDN type changes from Sync to Async or vice versa, the contracts are not updated with new business processes for both FS and Mailbox types.
3. When payload type, end point, or any other changes are made to the profile contracts are not updated to any new business processes.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: AS2

QC Legacy ID: 257613, 220798, 223243

RTC ID: 303135

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 00252451

Title: Duplicate AS2 Identifier setup not detected when using AS2 wizard to create an AS2 partner

Description:

Currently, duplicate checking is not done on an AS2 partner Identifier when creating an AS2 partner using the AS2 wizard. This allows the creation of multiple AS2 partners with the same AS2 Identifier. This occurs when using the AS2 wizard different partner name (or Trading Partner Identity), same AS2 identifier, and the same other AS2 settings. Since, two AS2 trading partner Identities use the same AS2 identifier and associated with the same Organization Profile issues are created with AS2 communication for both inbound and outbound transactions.

Error Message:

None

Resolution:

Changed duplicate identifier check to apply to only AS2 partners.

1. When an identity exists (created from AS2 wizard) with identifier 'aaa' you cannot create another identity with same identifier 'aaa' from AS2 wizard. However, you can create an identity with different name and same identifier 'aaa' from Trading Partner > Setup > Advanced > identities.
2. When an identity with identifier 'bbb' exists in the system (created from Trading Partner > Setup > Advanced > identities). You can create another identity with different name and same identifier 'bbb' from AS2 wizard.
3. You can create two identities from Trading Partner > Setup > Advanced > identities with same identifier but not same name.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: AS2

QC Legacy ID: 257614, 237610, 241776

RTC ID: 303136

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 264007

Title: Afternoon MDN timestamps add GMT offset to a 12 hour clock rather than a 24-hour clock.

Description:

Date/Time generated for MDNs does not account for PM or 24 hour formats.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: AS2

QC Legacy ID: 239343, 242957

RTC ID: 310340

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 284081

Title: Unable to send AS2 MDN to a different URL

Description:

Customer has two URLs for their profile. One is specified for AS2 messages and the other is specified for MDNs. When MDNs are sent to the customer they always arrive at the AS2 URL.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: AS2

QC Legacy ID: 242873

RTC ID: 310343

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 257927

Title: The Date in AS2 Messages is not in the proper 24 Hour format.

Description:

The Date in the AS2 Messages is not in proper 24 Hour format. According to AS2, Dates are in 24 Hour Clock and in GMT time. As per the current implementation, even though the date is in 24 Hr, AM/PM reference needs to be removed.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: AS2

QC Legacy ID: 257927

RTC ID: 312122

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 357395

Title: Problem Creating the Organization Profile in new installation

Description:

The problem occurs while following these steps in Creating the AS2 Organization Profile:

1. Select a **New Identity**, click **Next**.
2. On the **Details Screen**, enter **Identity Name**, **AS2 Identifier**, and select the **Exchange Certificate**.
3. On the **Exchange Certificate** screen, select **Save**.

The wizard then goes back to the details screen and the AS2 Identifier is now blank and the exchange certificate selected is no longer selected.

Error Message:

```
[2011-10-07 14:02:00.028]
ERROR 000000000000 GLOBAL_SCOPE [UpdateAS2]
[2011-10-07 14:02:00.028]
ERROR 000000000000 GLOBAL_SCOPE [1318014120028] null
[2011-10-07 14:02:00.028]
ERRORDTL 000000000000 GLOBAL_SCOPE [1318014120028]
java.lang.NullPointerException
at com.servname.ui.servlet.tpp.UpdateAS2.updateIdentification(UpdateAS2.java:384)
at com.servname.ui.servlet.tpp.UpdateAS2.updateOrganisation(UpdateAS2.java:275)
at com.servname.ui.servlet.tpp.UpdateAS2.updateAS2(UpdateAS2.java:237)
at com.servname.ui.servlet.tpp.UpdateAS2.doPost(UpdateAS2.java:140)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:710)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:803)
...
```

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: AS2

QC Legacy ID: 256011

RTC ID: 303537

Severity: Critical

Type: NormalFix

Build: 5103

Asset Protection

Case ID: 177261

Title: License display shows one less than the max number of trading partners allowed.

Description:

Within the LicenseKeyList.java file, Sterling B2B Integrator is subtracting one from the maximum trading partner number set in the license file. The incorrect number is reported to the license display screen.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Asset Protection - Admin UI

QC Legacy ID: 223273, 241573

RTC ID: 310707, 310698

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Connect:Direct

Case ID: 00358959

Title: How to get the GDG version after a copy from Sterling B2B Integrator?

Description:

Connect:Direct CopyTo service does not report the remote file name of a mainframe GDG file. The file name exists in cdinterop.cdjava log but is not persisted to process data.

Error Message:

None

Resolution:

The code is updated to resolve this issue. The IntervalStatus class is collecting the local FMH71 rather than the remote FMH71. The CopyTo or CopyFrom services will now pick up their remote file names from the CopyResponse object rather than the CopyRequest object.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Connect:Direct Interoperability

QC Legacy ID: 255205

RTC ID: 303029

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 295295

Title: CDWIN process going in retry mode when sending to GIS if the source file does not exist.

Description:

Processes on the windows server are going into retry mode and the process is retrying about every second. This error is causing other transfers to fail, consuming all the sessions on the box.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Connect:Direct

QC Legacy ID: 250569, 244486, 253096

RTC ID: 310058

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 266200

Title: GIS is receiving files twice from Z/OS Connect:Direct when it was sent only once.

Description:

Gentran Integration Suite does not appear to recognize that the first attempt has failed and therefore, treats the retry as a separate file and then ends up with a duplicate file. This error started to occur after the upgrade to patch 4323.

Error Message:

```
SVTM052I STEP1 COPY COPYSINB( 38,199) SNODE=RBABKHOP1 311
SVTM052I FROM RCRVSP.PC.$DS.OBNDNAME.D110105.F046
SVTM052I TO /mailbox/IN/RCRVSP.P...OBNDNAME.D110105.F046
SVTM052I #### COMPLETED 00000010/SVT0013I
SVTM037I PROCESS ENDED COPYSINB( 38,199) SNODE=RBABKHOP1
SVTM050I COPYSINB( 38,199) SNODE=RBABKHOP1 313
SVTM050I **** PROCESS INTERRUPTED: RECOVERY INITIATED
C:D on z/OS then retries and sends the file again to SI.....
SVTM052I STEP1 COPY COPYSINB( 38,199) SNODE=RBABKHOP1 257
SVTM052I FROM RCRVSP.PC.$DS.OBNDNAME.D110105.F046
SVTM052I TO /mailbox/IN/RCRVSP.P...OBNDNAME.D110105.F046
SVTM052I COMPLETED 00000000/SCPA000I
SVTM037I PROCESS ENDED COPYSINB( 38,199) SNODE=RBABKHOP1
```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Connect:Direct

QC Legacy ID: 250227, 239409, 253095

RTC ID: 310053

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 00300896

Title: GIS 4324 CD Replication Issues

Description:

Since the upgrade to 4324 the customer is seeing session limit exceeded errors in the cdinterop.log files.

Error Message:

Session limit exceeded

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Connect:Direct

QC Legacy ID: 246263

RTC ID: 310104

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Document Keyword Replace Service

Case ID: 256325

Title: Empty keyword causes DocKeywordReplace service to enter an infinite loop

Description:

Problem exists in the DocKeywordReplace service when at least one of the keywords is an empty string, it goes into an infinite loop.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Document Keyword Replace Service

QC ID: 238573

RTC ID: 310682

Severity: Normal

Type: NormalFix

Enveloping

Case ID: 309130

Title: Error received when attempting to use deferred enveloping

Description:

Deferred enveloping fails with an error. When the EnvelopeID contains the string "-GIS-". (EnvelopeID is NFIV-GIS-01:node1:12cc81294d3:11631416) Enveloping in Immediate mode succeeds.

Error Message:

Envelope for EnvelopeID: NFIV not found, cannot initialize workflow

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Enveloping

QC Legacy ID: 248845, 251348, 253692

RTC ID: 310063

Severity: Normal

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 305387

Title: Outbound 997 at data element level

Description:

De-enveloping is generating the 104 Illegal Subelement Delimiter error (as expected) but the corresponding 997 is generated without an AK3 and AK4

Error Message:

104 Illegal Subelement Delimiter error

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Enveloping
QC Legacy ID: 245837, 247751
RTC ID: 310061
Severity: Normal
Type: NormalFix
Build: 4325, 5009, 5103

FIFO

Case ID: 00236605

Title: Values for FIFO Properties are not recognized in Customer Override in Patch 5006

Description:

The key Value pair in `fifo.properties` cannot be overridden. It fetches value from `fifo.properties` instead of overridden properties

Error Message:

None

Resolution:

You need to use the name of the properties from `fifo.properties`, without adding `fifo` at the beginning. For example the following properties from `fifo.properties` : `fifo.workflow.maxSubmitRetries` should be put in `customer_overrides.properties` as: `fifo.workflow.maxSubmitRetries`. The value is now pulled correctly from the `customer_overrides.properties` file.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: FIFO
QC Legacy ID: 254495, 235588
RTC ID: 184380
Severity: Normal
Type: NormalFix
Build: 5103

Graphic Process Modeler

Case ID: 131276

Title: The parameter `output_report_to_process_data` of the translation service is ignored by the Graphic Process Modeler (GPM).

Description:

If the Options > Preferences > Service Editor > Override Default Service Config Values in the GPM is selected. Then translation service parameter `output_report_to_process_data` shows **yes** in the business process drop-down list. The default value for `output_report_to_process_data` is **false/no**. The same does not occur for other service parameters which have a **default** value.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Asset Protection

QC ID: 210100, 209623, 240590, 244780

RTC ID: 310070

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Import/Export

Case ID: 00274102

Title: `importBPs.sh` script from the bin folder does nothing

Description:

The `importBPs.sh/cmd` script is supposed to import `bpml` files from the file system into Sterling B2B Integrator. This command is not working and not throwing any errors when it is run.

Error Message:

None

Resolution:

Updated the script to use wildcard characters such as `$@` and to pass the absolute path for the file.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Import/Export

QC Legacy ID: 241389, 242813

RTC ID: 181184

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 00312577

Title: importMAPs.sh - script does not stop on error

Description:

Issues with importMAPs.sh and importMAPs.cmd: the return code is always 0. If there are NO successful imports an error is reported but Return Code is still 0 resulting in a successful import message. The UNIX shell script outputs the message: Successfully importing maps. If there are ANY successful imports, failures are ignored, Return Code is 0 and Successful import message is reported. Need to be able to track failures.

Error Message:

None

Resolution:

Fixed the return code so that when an import error occurs the script reports the error. The return code is nonzero if there is an import error or exception.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Import/Export

QC Legacy ID: 246652

RTC ID: 182653

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 00306358

Title: Importing of maps with importMAPs.sh fails when the source map does not match the compiled map.

Description:

Importing maps from Sterling B2B Integrator 4.3 into Sterling B2B Integrator 5101 fails. Because the map description does not match the description in the compiled map or the map file name.

Error Message:

Importing map: SY_EULER_AQ_SY_REPORT_OUT_XMLencoder
Error importing map:SY_EULER_AQ_SY_REPORT_OUT_XMLencoder
source map does not match compiled map.

Importing map: SY_report_irp2dvch_monitor_getConf_batch
Error importing map:SY_report_irp2dvch_monitor_getConf_batch
source map does not match compiled map.

Resolution:

If the description of the map in the uncompiled file is longer than 40 chars, only the first 40 char is saved in the compiled file. With only the first 40 chars saved the result is a difference in both descriptions. The code is modified to compare only the first 40 chars for this scenario.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Import/Export

QC Legacy ID: 247677

RTC ID: 183310

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 237847

Title: The Use BP Queuing (recommended) flag is changed when a business process is imported into another 5.0 instance.

Description:

When the flag Use BP Queuing (recommended) is unchecked, it gets turned on when the business process is imported into a different 5.0 instance.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Import/Export

QC Legacy ID: 234155, 242849

RTC ID: 309871

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 238817

Title: When using the **OFTP Partner UI** there are several fields that are not stored or exported correctly.

Description:

When using `OFTPPartnerManager.sh/.cmd` to export, some fields are not stored or exported correctly.

PPC

- Does not save Duplicate File Period
- Does not save Session Log Level
- Does not export Session Log Level
- Does not export Initiator Business Process
- Does not export Business Process User

LPC

- Does not export Monitor EERP Reception

Error Message:

None

Resolution:

PPC's `DuplicateFilePeriod` and `SessionLogLevel` is saved to DB. PPC's `InitiatorBusinessProcess` and `BusinessProcessUser` is exported. Both `InitiatorBusinessProcess` and `BusinessProcessUser` is exported only if PPC's `InitiatorBusinessProcess` is specified. PPC's `InitiatorBusinessProcess` was not getting imported, which is imported successfully now.

LPC's `Monitor EERP Reception` does not need to be exported. Importer sets it to yes if `EERPTimeout` is present. If `EERPTimeout` is -1 (no timeout specified), then `Monitor EERP Reception` sets it to no.

Note: If the imported BP is not already present in the system, when editing the PPC, the initiator BP is [not applicable]. Not applicable is an expected behavior.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Import/Export

QC Legacy ID: 234441, 219380

RTC ID: 310569

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 277593

Title: EVENT_FULL and EVENT_NONE values are reversed in GIS 4.3 import and export process

Description:

If a business process sets Event reporting to Full, the attribute <ConfEventLevel> in the export xml file is set to 2. If the Event reporting setting is None, the attribute <ConfEventLevel> is set as 0.

The correct code settings for 5.0 processes are:

- EVENT_FULL = 0
- EVENT_MINIMAL= 1
- EVENT_NONE = 2

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Import/Export

QC Legacy ID: 241066, 239117, 242828

RTC ID: 309866

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 298645

Title: When using an export operation that includes a mailbox, dependent users and groups are included and causes unexpected updates during import.

Description:

Changes to Export:

When user and group objects are included in an export, they now include new tags, RESTRICTED_USER and RESTRICTED_GROUP. If a USER or GROUP object is included in an export with a dependency of a mailbox object that is selected for export, the value of these new tags is true. If a USER or GROUP is explicitly selected to be included in the export, the value of these new tags is false.

Changes to Import:

If a user or group exists on the target system and has a RESTRICTED_USER or RESTRICTED_GROUP tag set to 'true' in the imported file then the user or group is not altered on the target system by the import. Alteration is then prevented from occurring in an existing user or group on the target system when the user or group is imported with a mailbox.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Import/Export

QC Legacy ID: 244765, 248311, 245783

RTC ID: 309909

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 00244528

Title: Resource Tags are immutable

Description:

The import framework considers a resource tag to be immutable. The AFT and file gateway community management implementation treats a community as a collection of entities managed by a single resource tag. Once an import of a community is performed and the resource tag is created all subsequent imports of that same community and resource tag force you to either rename the resource tag or to delete the resource tag before doing the import.

Error Message:

None

Resolution:

The objects are added to a resource tag specified at the time of the import if they do not exist in the tag. Objects not in the import are not removed from the tag. With this change, the objects from multiple imports can be tagged with a single resource tag (additive) and subsequently exported as a unit using that resource tag. The systems treat the resource tag as an opt-in behavior in addition to the ability to rename the tag being imported or canceling the import altogether.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Import/Export

QC Legacy ID: 244453

RTC ID: 310080

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 252910

Title: Error export XLST via resource Manager

Description:

When exporting the resource manager shows all versions of templates and does not show just the default template. When Standards -Default version is selected only the default version is displayed in export file and only this version is imported into another instance. Also, verified that when Advanced Version is selected, all versions of XSLT templates are exported.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Import/Export

QC Legacy ID: 237177

RTC ID: 180463

Severity: Normal

Type: NormalFix

Build: 5103

Index/Purge

Case ID: 00310322

Title: Business process id is reset to 0 after executing PurgeAll.sh

Description:

After updating to Build 5008, the PurgeAll script is now resetting the WF ID back to 1 every time it is executed with the -t flag.

Error Message:

None

Resolution:

A new property **purgeAllRestWFID** is added to control resetting of workflow_id when running **PurgeAll.sh -t**.

A "false" value does not update the database:

- Change the customer_overrides.property file by adding line:
workflows.purgeAllRestWFID=false

A "true" value updates the database with MAX_VALUE of 1:

- Change the customer_overrides.property file by adding line:
workflows.purgeAllRestWFID=true

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Index/Purge

QC Legacy ID: 247678, 246243

RTC ID: 183311

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 00328022

Title: Business processes can become stuck in Archive if WORKFLOW_CONTEXT records are missing

Description:

Business processes are 'stuck' in Archive status. When attempts are made to reset the stuck business processes by having the Index reprocess them many remained in Archive status.

Error Message:

None

Resolution:

When a business process persistence is set to Error Only, there are no rows in WORKFLOW_CONTEXT or WF_INST_S table. To resolve this issue the archive method for Error Only business processes is set to Purge in Index service.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Index/Purge

QC Legacy ID: 249384

RTC ID: 183693

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 184080

Title: Missing service definition xml in the SERVICE_DEF_XML field of the SERVICE_DEF table causes error

Description:

Customer upgraded from 4.2 to 5.0. In 5.0, when editing the following schedules an exception is thrown in the UI:

- ArchiveCmdlineService
- AutoTerminateService
- BPExpirator
- BPLinkagePurgeService
- BPrecovery
- ProducedMsgPurgeService
- PurgeService
- Scheduled_AlertService
- SyncEngine_DataCleanManager
- SyncEngine_TaskManager

This issue is caused by a missing service definition xml in the SERVICE_DEF_XML field of the SERVICE_DEF table. In 5.0, the service definition xml is stored in the DB but in 4.2 they are loaded from the file system.

Error Message:

Processing error has occurred.
Please contact system administrator and check system logs

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Index/Purge

QC Legacy ID: 223692

RTC ID: 310699

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 285933

Title: Index SCI_IDX_55_2 is present in the trans_data table

Description:

Index SCI_IDX_55_2 is present in the trans_data table

Error Message:

None

Resolution:

Index is removed.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Index/Purge

QC Legacy ID: 242761

RTC ID: 310036

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 295680

Title: Document not found error messages generated in wf.log when Mailbox Scheduled Delete Service runs

Description:

Documents are deleted from Sterling B2B Integrator before their life span is met. Deletion before a life span is met becomes critical in cases when the document is still required. A bug in SQL is causing documents to be assigned the Systems Default life span which results in the document getting purged or archived prematurely. The purge or archive of the document leaves the mailbox message with no associated Document.

Error Message:

```
[2011-04-13 05:00:03.356]  
ALL 000110012006 WORKFLOW.DOCUMENT.DEB_retry_load1 cannot found doc at retry  
[2011-04-13 05:00:03.365]  
ERROR 000110010020 WORKFLOW.WORKFLOW.ERR_myClassName com.servername.
```

[2011-04-13 05:00:03.365]
ERROR 000000000000 GLOBAL_SCOPE [1302663603365] No document with ID = 908:24854113:
[2011-04-13 05:00:03.366]
ERRORDTL 000000000000 GLOBAL_SCOPE [1302663603365]com.servername

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Index/Purge

QC Legacy ID: 246604, 245077

RTC ID: 310044

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 304688

Title: Business processes are becoming stuck in Archive and are not being set to Purge

Description:

A customer reported that they had BPs that were 'stuck' in Archive status. The BPs had the ARCHIVE_FLAG set to 0 and the ARCHIVE_DATE in the past. The primary reason these processes would not Archive is that there were no WF_INST_S records for them. There were no WF_INST_S records for them despite the Index process setting the life span and removal method for the records.

Within the WF_INST_S table, there are no records for these BPs stuck in Archive. The BPs appear to schedule BPs.

Several of the BPs that became stuck were also Scheduled File System Adapters, like the BPs created by creating an AS2 partner. When the process in question was set to Removal Method of Purge and a life span of only 12 hours it received a Removal Method of Archive and a life span of two days. This life span of two days is the normal system defaults.

Manually resetting the records in ARCHIVE_INFO so that Index would process it again, causes a successful creation of the WF_INST_S record and sets the Removal Method and life span correctly.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Index/Purge

QC Legacy ID: 248162, 249153, 248438, 248781, 248780

RTC ID: 310337

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 81760

Title: A failed SFTP document stays in the system for twice its life span

Description:

A failed SFTP document stays in the system for twice its life span

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Index/Purge

QC Legacy ID: 253519, 201145, 251251, 253478, 253518, 253497

RTC ID: 310332

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 215711

Title: GIS Data Table growing out of control

Description:

When reporting over 280 million rows with a WF_ID of -1, every time AssociateBPsToDocs runs to clean up the backlog, it creates orphaned rows.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Index/Purge

QC Legacy ID: 241992, 241989, 240285, 244782, 245266, 226506

RTC ID: 310555

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Installation

Case ID: 00308090

Title: jdbc.properties.in and activemqconfig.xml.in do not have checks for MSSQL failover, jdbc url string incorrect

Description:

When using MSSQL2008 the failover string must be added manually into activemqconfig.xml.in and then activeMQ is able to start after setupfiles.sh is run. Need to add the string to jdbc.properties and activemqconfig.xml.

Error Message:

None

Resolution:

Modification made to add the failover string to both jdbc.properties and activemqconfig.xml

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Installation

QC Legacy ID: 247730, 255777, 257848

RTC ID: 302971

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 88258,999,000

Title: Acceptance prompt for license agreement appears late within patch installation process

Description:

On patch installations for Sterling Integrator® Gentran Integration Suite, the license agreement takes place long after the installation starts.

Error Message:

None

Resolution:

Licensing agreement is moved to the initial stage of patch installation.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Installation

QC Legacy ID: 236285

RTC ID: 312096

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 237994

Title: Setupfiles takes a long time to execute because of scans of the document directory.

Description:

When using Documents on Disk storage, the overall size of the file system became large. The file system was over 23 GB in size and the /documents directory contained hundreds of thousands of small (around 8 KB) files.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Installation

QC Legacy ID: 253161

RTC ID: 312124

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 282196

Title: Cluster multicasting is not working properly immediately following node startup

Description:

When one of the nodes of a cluster is brought down and then started again, the BP hangs on the node that is bounced. The BP hangs the first time a BP runs with the parameter mandatoryNode. When the same BP is run with the mandatory parameter a second time it finishes successfully.

Error Message:

None

Resolution:

TCP connection stays open between nodes that have transferred. When one of the nodes goes down this connection is reset on the other node. Reset() call for communication channel is added to handle when one of the nodes leaves the cluster.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Installation

QC Legacy ID: 244401, 245394

RTC ID: 310721, 310715

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 304698

Title: Customer is having trouble with Sterling B2B Integrator QA Node 2 repeatedly hanging on startup

Description:

Trouble starting Sterling B2B Integrator QA Node 2 on a regular basis. The startup sequence hangs three or four times. When it hangs, a Ctrl+C is required to kill run.sh. The problem occurs because of a Deadlock. This deadlock occurs between WebServerStartThread and PeerManagementDaemon causing the startup sequence to hang.

Error Message:

None

Resolution:

Added logic for PeerManagementDaemon to sleep for a defined time before running its tasks. The default value is 120 seconds, it can be configured.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Installation

QC Legacy ID: 249307

RTC ID: 310730

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 320029

Title: Error occurs running run.sh with safemode flag on Solaris systems

Description:

Customer needs to start Sterling B2B Integrator using the safemode flag and they are not able to start Sterling B2B Integrator within Solaris.

Error Message:

```
SI starting in safe mode!  
./run.sh: test: ] missing
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Installation

QC Legacy ID: 249610

RTC ID: 310279

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 333615

Title: Hotfix prevents updating Sterling B2B Integrator to 5008

Description:

Mini-hotfix si_50_build_5006_hotfix_BR237197_HF4.jar causes a conflict with installation of build update.

Error Message:

```
ServiceInstallDriver.importWhatever()->files.length: 1
ServiceInstallDriver.importWhatever()->Importing files:
/local/apps/SI50/install/installed_data/patch/Importing:
/local/apps/SI50/install/installed_data/patch/components/ebics/import/
MailboxImport.xml
#djs generateBackup: resourceType: MBXMETA
java.lang.reflect.InvocationTargetException
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(
NativeMethodAccessorImpl.java:79)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(
DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:618)
at com.servename.install.module_loader.ServiceInstallBootstrapper.doIt(
ServiceInstallBootstrapper.
at com.servename.install.module_loader.ServiceInstallBootstrapper.main(
ServiceInstallBootstrapper.
Caused by: java.lang.NoSuchFieldError:
com/servename/servename/mailbox/impl/repositoryImpl/RepositoryDB.
at com.servename.profile.ie.resource.mailbox.MailboxResource.
saveMbxUserGroupPerm(MailboxResource.
at com.servename.profile.ie.resource.mailbox.MailboxResource.
importResource(MailboxResource.
at com.servename.profile.ie.resource.mailbox.MbxMetaImporter.
importResources(MbxMetaImporter.
at com.servename.profile.ie.resource.ResourceImporter.importResource(
ResourceImporter.
at com.servename.profile.ie.ImportXMLContentHandler.endElement(
ImportXMLContentHandler.
at org.apache.xerces.parsers.AbstractSAXParser.endElement(Unknown Source)
at org.apache.xerces.impl.xs.XMLSchemaValidator.endElement(Unknown Source)
at org.apache.xerces.impl.XMLNSDocumentScannerImpl.scanEndElement(
Unknown Source)
at org.apache.xerces.impl.XMLDocumentFragmentScannerImpl$
FragmentContentDispatcher.dispatch(Unknown Source)
at org.apache.xerces.impl.XMLDocumentFragmentScannerImpl.scanDocument(
Unknown Source)
at org.apache.xerces.parsers.XML11Configuration.parse(Unknown Source)
at org.apache.xerces.parsers.XML11Configuration.parse(Unknown Source)
at org.apache.xerces.parsers.XMLParser.parse(Unknown Source)
at org.apache.xerces.parsers.AbstractSAXParser.parse(Unknown Source)
at com.servename.profile.ie.ImportProcessor.process(ImportProcessor.java:
492)
at com.servename.profile.ie.ImportProcessor.process(ImportProcessor.java:
403)
at com.servename.profile.ie.Import.processContentPasses(Import.java:669)
at com.servename.profile.ie.Import.finishImport(Import.java:591)
at com.servename.profile.ie.Import.importResourcesFromFile(Import.java:1412)
at com.servename.install.module_loader.ServiceInstall.importWhatever(
ServiceInstall.
at com.servename.install.module_loader.ServiceInstall.
doServiceCommonTasks(ServiceInstall.
at com.servename.install.module_loader.ServiceInstall.
installService(ServiceInstall.
at com.servename.install.module_loader.ServiceInstall.install(
ServiceInstall.java:451)
at com.servename.install.module_loader.ServiceInstall.install(
```

```
ServiceInstall.java:251)
at com.servename.install.module_loader.ServiceInstall.installComponents(
ServiceInstall.
at com.servename.install.module_loader.ServiceInstall.install(
ServiceInstall.java:488)
at com.servename.install.module_loader.ServiceInstall.install(
ServiceInstall.java:289)
at com.servename.install.module_loader.ServiceInstallDriver.doIt(
ServiceInstallDriver.
at com.servename.install.module_loader.ServiceInstallDriver.main(
ServiceInstallDriver.
... 6 more
Installation failed.
Error '1' installing service files.
```

Resolution:

Hotfix jar was in the classpath and interferes with other classes. Logic is added in the pre-service install step to remove the hotfix jar entry in dynamicclasspath.cfg.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Installation

QC Legacy ID: 250723, 250798, 250813, 250820, 250828, 250959

RTC ID: 310731

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 293093

Title: How to stop all Sterling B2B Integrator services in Linux environment

Description:

The hardstop.sh does not stop all processes associated with Sterling B2B Integrator instance when User Id is greater than eight characters.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Installation

QC Legacy ID: 245351

RTC ID: 182458

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 323086

Title: Dumpinfo is not showing minor level JDK version for IBM JDKs.

Description:

When executing the `./dump_info.sh` from bin directory it is not showing the minor version of JDK. Expected to see JDK 1.6.0.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Installation

QC Legacy ID: None

RTC ID: 323086

Severity: Normal

Type: NormalFix

Build: 5103

InstallService

Case ID: 28280

Title: Patch Installation becomes extremely slow due to unnecessary dropping and recreating of table indexes

Description:

Patch Installation becomes extremely slow due to unnecessary dropping and recreating of table indexes.

Error Message:

None

Resolution:

Changed `compareAttributes` method to take a boolean variable that indicates whether `sizereduction` is ignored when determining changes. Default is that they are not ignored. For indexes, when attributes are compared, the flag gets passed as true. The flag being passed true prevents dropping and recreating of indexes due to column size reductions that are not applied.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: InstallService

QC Legacy ID: 235312, 128573, 235314

RTC ID: 310037

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Mailbox

Case ID: 290496

Title: Unable to download a file whose file name contains special characters through MBI

Description:

The MBIList.jsp is not handling message names that contain a quotation mark correctly. When a file is uploaded to a mailbox that has a name with a quotation mark, it shows up in the MBI correctly. However, when you try to extract or view the message you get error in page.

Error Message:

```
Line: 1  
Char: 27  
Error: Expected ')'  
Code: 0  
URL: http://servername.com:16500/mailbox/jsp/MBIList.jsp
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Mailbox

QC Legacy ID: 243333

RTC ID: 310052, 181539

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 283208

Title: Mailbox interface bug: MailboxPath is not correct

Description:

The "MBISearch" business process ends with error "Invalid Mailbox Parameter error" and sends an email alert and The screen will timeout after 10 minutes

Error Message:

```
<STATUS_RPT>  
ERROR MailboxQueryService - Caught exception of type  
[com.servername.mailbox.Resolution:
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Mailbox

QC Legacy ID: 242859

RTC ID: 310712, 181456

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 253532

Title: MBI download issue on our GIS UAT platform

Description:

Performance issues when uploading/downloading a large file of approximately 1.3 GB, file takes 5-6 hours to finish and is truncated and a blank screen appears.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Mailbox

QC Legacy ID: 241108, 246691

RTC ID: 310725, 181145

Severity: Normal

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 246271

Title: Running a routing rule with no mailboxes associated causes it to scan all mailboxes (full table scan).

Description:

Add an alert for the user: If you do not specify a mailbox within the routing rule configuration, then upon evaluation the routing rule is evaluated against all mailboxes. Please ensure that it is your intended behavior.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Mailbox

QC Legacy ID: 235619, 241510, 241511, 252216

RTC ID: 310030

Severity: Normal

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 211317

Title: Mailbox Query Service does not allow multiple mailbox paths

Description:

Mailbox Query Service documentation states you are able to use multiple Mailbox Paths in the BPML but it does not appear to be working.

Error Message:

None

Resolution:

Use the Mailbox List service in order to pass the relevant MailboxPath info to the Mailbox Query service. The first example queries the mailboxes on which the user login has permissions. The second uses the user token service to query mailboxes for another user. You must use a Virtual Root in order to avoid the root "\" mailbox also being queried.

Example 1

```
<process name="LM_MBX_MESSAGE_Query_simple">
<sequence name="Sequence Start">
<operation name="MailboxListServiceType">
<participant name="MailboxList"></participant>
<output message="MailboxListServiceTypeInputMessage">
<assign to="." from="*"></assign>
</output>
<input message="inmsg">
<assign to="." from="*"></assign>
</input>
</operation>
<operation name="Mailbox Query Service">
<participant name="MailboxQuery"/>
<output message="MailboxQueryServiceTypeInputMessage">
<assign to="." from="*"></assign>
</output>
<input message="inmsg">
<assign to="Messages" from="*"></assign>
</input>
</operation>
</sequence><
</process>
```

Example 2

```
<process name="LM_MBX_MESSAGE_Query">
<sequence name="Sequence Start">
<operation name="UserTokenSvc">
<participant name="SetUserToken"/>
<output message="UserTokenServiceTypeInputMessage">
<assign to="USER_TOKEN">lindsay</assign>
<assign to="." from="*"></assign>
</output>
<input message="inmsg">
<assign to="." from="*"></assign>
</input>
</operation>
<operation name="MailboxListServiceType">
<participant name="MailboxList"></participant>
<output message="MailboxListServiceTypeInputMessage">
<assign to="." from="*"></assign>
</output>
<input message="inmsg">
<assign to="." from="*"></assign>
</input>
</operation>
<operation name="Mailbox Query Service">
<participant name="MailboxQuery"/>
<output message="MailboxQueryServiceTypeInputMessage">
<assign to="." from="*"></assign>
</output>
<input message="inmsg">
<assign to="Messages" from="*"></assign>
</input>
</operation>
</sequence>
</process>
```

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Mailbox

QC Legacy ID: 228595, 237281, 238741, 247902, 248871

RTC ID: 309907, 177899

Severity: Normal

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 206097

Title: False Negative error message when trying to create a new Virtual Root

Description:

An error message appears when attempting to filter the display for the User ID when creating a Virtual Root. Regardless of the value entered in the Filter field, the system always displays an error to the screen when the button is clicked.

Error Message:

Virtual Root Already exists for User admin

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Mailbox

QC Legacy ID: 227784, 188946, 241864, 241865

RTC ID: 310069

Severity: Normal

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 258818

Title: MBISearch business process halts in UAT env due to system service error

Description:

Customer receives system service errors when executing MBISearch business process. The issue occurs due to an error in the way the exception is trapped within the code.

Error Message:

```

[DocRef2010-12-27 17:50:40.045]
ERROR 000000000000 GLOBAL_SCOPE
[1293490240045] null
[2010-12-27 17:50:40.045]
ERRORDTL 000000000000 GLOBAL_SCOPE
[1293490240045] java.lang.NullPointerException
at com.servename.workflow.WorkFlowContext.findFirstDoc(
WorkFlowContext.java:2055)
at com.servename.workflow.WorkFlowContext.findFirstDoc(
WorkFlowContext.java:2082)
at com.servename.workflow.WorkFlowContext.findFirstDoc(
WorkFlowContext.java:2082)
at com.servename.workflow.WorkFlowContext.findFirstDoc(
WorkFlowContext.java:2030)
at com.servename.workflow.WorkFlowContext.hasDocRef(
WorkFlowContext.java:2016)
at com.servename.workflow.WorkFlowContext.persist(
WorkFlowContext.java:4685)
at com.servename.workflow.WorkFlowContext.persist(
WorkFlowContext.java:3979)
at com.servename.workflow.activity.engine.ActivityEngineHelper.
persistWfc(ActivityEngineHelper at com.servename.workflow.activity.
engine.ActivityEngineHelper.postInvokePostNextNodeProcessing(
at com.servename.workflow.activity.engine.ActivityEngineHelper.
postInvokeService(
at com.servename.workflow.activity.engine.ActivityEngineHelper.
nextMainLogic(ActivityEngineHelper.
at com.servename.workflow.activity.engine.ActivityEngineHelper.
next(ActivityEngineHelper
at com.servename.workflow.queue.WorkFlowQueueListener.doWork(
WorkFlowQueueListener.java:
at com.servename.workflow.queue.WorkFlowQueueListener.run(
WorkFlowQueueListener.java:
at com.servename.workflow.queue.WorkFlowQueueListener.onMessage(
WorkFlowQueueListener.
at com.servename.workflow.queue.WorkFlowQueueListener.onMessage(
WorkFlowQueueListener.
at com.servename.workflow.queue.wfTransporter.run(
wfTransporter.java:355)
at com.servename.workflow.queue.BasicExecutor$Worker.run(
BasicExecutor.java:496)
at java.lang.Thread.run(Thread.java:810)

```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Mailbox

QC Legacy ID: 239534, 239857, 239938, 241496

RTC ID: 310272

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 308156

Title: Mailbox Delete Service inserts all deleted message IDs into Process Data.
Need a fix to put into Status report instead.

Description:

All message IDs are put into Process Data. (Approximately 3 xml lines per Message ID). This large number of messages causes PD to grow and delete to slow down.

Error Message:

None

Resolution:

Added BP parameter **putDeleteMessageListInSR** to control where the deleted message list goes. The deleted message list goes either to the Status Report or the Process Data. When parameter is set to "true" the list goes into Status Report.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Mailbox

QC Legacy ID: 246973

RTC ID: 310726

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 322640

Title: "java.sql.SQLException" in logs while doing mailbox extract

Description:

When extracting a document with a size greater than 1 MB an exception is thrown.

Error Message:

```
java.sql.SQLException:  
Stream size larger than in-memory threshold  
numpage 11  
blobPageSize 1024000  
max_stream_to_inmemory 10240000
```

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Mailbox

QC Legacy ID: None

RTC ID: 322640

Severity: Normal

Type: NormalFix

Build: 5103

Map Conversion

Case ID: 177261

Title: XML Map - Incorrect output for: Use Character Entity References instead of CDATA selections.

Description:

When selecting the Use Character Entity References instead of CDATA selections on the output side of an XML map, only the & and < output correctly as & and <. The >, ", and ' output incorrectly as the same characters, instead of > " and apos;.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Map Conversion

QC Legacy ID: 244165, 244472

RTC ID: 310621

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Map Editor

Case ID: 245034

Title: Build 5008 - QC237102 - The mapper crashes when trying to upgrade an EDI version of the map from 4010 to 4060

Description:

Issue on case is with the code list or lists that exist in the map. If you try to update the EDI version on any map in release 5.0 the Map Editor Crashes. When all the options are selected the Map Editor Crashes with the errors in the System Log.

Error Message:

faulting application mapper.exe, version 9.2.0.0
faulting module mapper.exe, version 9.2.0.0
fault address 0x000061a3

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Map Editor

QC Legacy ID: 245034, 243980, 218465, 237102, 243980

RTC ID: 182402

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 285911

Title: Errors using an XSD with Russian characters.

Description:

Using a Russian XSD, when attempting to select the Root Element, all elements are shown as strings of question marks. If the first entry is selected for the root, an error occurs. Since question marks cannot be used to begin XML elements, the Map Editor throws an error.

With a blank XML map, if a value of Russian Cyrillic characters is copied from the schema into the field name, another error occurs.

Error Message:

An Invalid XML tag name was entered. An XML tag name must start with a letter, '.', or ';', followed by valid XML name characters (including number, digits, '.', '-', and ':'). Invalid characters have been entered in the Name. The only allowed characters are 'a'-'z', 'A'-'Z', '0'-'9', '_' and ':'

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Map Editor

QC Legacy ID: 243427

RTC ID: 310331

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 347786

Title: Map Editor crashes when compiling an XML map containing an invalid extended rule.

Description:

Map Editor crashes when compiling a map with an invalid extended rule in On Begin of Input properties. The rule incorrectly references a temp field. The same extended rule compiles without error in the Extended Rules tab of the Input properties.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Map Editor

QC Legacy ID: 252945

RTC ID: 310338

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 177836

Title: The SORT function does not work for child elements.

Description:

When using the SORT function on an xml map, it works when the element you are sorting is at the root level.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Map Editor

QC Legacy ID: 251167, 221561

RTC ID: 310326

Severity: Normal

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 101418

Title: The map editor does not create all elements in XML layout from a valid schema.

Description:

When creating a map using a schema, not all of the elements are created. Subelements are missing under child elements that have the same name as a parent. If you rename either the parent element or the child element with the same name, then all of the subelements are created.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Map Editor

QC Legacy ID: 203869, 247738

RTC ID: 310344

Severity: Normal

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 279862

Title: HIPAA_004010X091A_835 compliance map does not open in Build 4324 Map Editor

Description:

HIPAA_004010X091A_835.map does not open in the Map Editor. Tested in all current Map Editor versions and all give same error when attempting to open.

Error Message:
Unexpected File Format

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Map Editor

QC Legacy ID: 241515, 241527

RTC ID: 310345

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 255708

Title: Map Editor crashes when creating map

Description:

Map editor crashes when an attempt is made to link fields that are not at the same level (when the linking is wrong).

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Map Editor

QC Legacy ID: 255708, 253838, 253740

RTC ID: 310286

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 247889

Title: 5009 map triggers a bug on standard rule

Description:

When selecting eight fields for a select > trading partner code list standard rule in a map, an error is thrown during de-envelope. If only seven fields are selected, then no error is given and it translates the document.

Error Message:

△java.lang.ArrayIndexOutOfBoundsException: 8

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Map Editor

QC Legacy ID: 239355

RTC ID: 311201

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Performance

Case ID: 00346327

Title: Tuning wizard on iSeries cannot change the min memory or max memory to needed values

Description:

The Tuning wizard is showing several issues:

1. When tuning the MAX JVM Long Lived memory to anything higher than 2048 MB it throws a pop-up window indicating that it cannot be done.
2. The initial JVM long-lived memory entered in the tuning wizard is not used when starting Sterling B2B Integrator. This value propagates to OS400.INIT_HEAP in tuning.properties. However, the OS400.MIN_HEAP value is the one that is used when starting Sterling B2B Integrator. This value is not modified through the tuning wizard.

Error Message:

None

Resolution:

The minimum and maximum values for the init heap memory and max heap memory is configurable through the property files with tuningFormulas.properties. Also updated the limits for iSeries recommended heap settings to initial heap: 64 - 256 MB and maximum heap: 512 - 4096 MB.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Performance

QC Legacy ID: 252724

RTC ID: 184222

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 283331

Title: Cannot generate JVM Heap Dump when the "Enable Heapdump" setting is enabled in the JVM Monitor UI

Description:

Heap Dumps are not being created when enable Heap dump is selected in the JVM Monitor UI.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Performance

QC Legacy ID: 242030, 224224, 242213

RTC ID: 309868

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 344308

Title: yfs.enable.positive.skewed.guid.generation is causing fragmentation on SQL Server 2005.

Description:

On testing, it looks like there are two issues with `yfs.enable.positive.skewed.guid.generation`.

1. When turned on it is causing heavy fragmentation on SQL Server 2005.
2. It is turned on even when set to off in `yfs.properties`. Overriding in `customer_overrides.properties` disables it.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Performance

QC Legacy ID: 252520, 253276

RTC ID: 309914

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 218669

Title: Web services taking too long to respond can cause node to hang

Description:

The Symptoms are that their web services take too long to respond. Certain occurrences of this issue show that only two nodes have the issue. Web services still get sent to the node that is having the issue and they hang.

Error Message:

None

Resolution:

The JIT count is removed from the Java command line to better use the optimization built into the JIT engine.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Performance

QC Legacy ID: 234102, 231569, 254334, 256848

RTC ID: 310324

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 242230

Title: Setting of -Xjit:count=0 causes node slowdowns

Description:

Setting of -Xjit:count=0 within tmp.sh.in is causing all methods to be loaded into the JIT code cache. When the cache fills, slow downs occur on the node.

Error Message:

None

Resolution:

The JIT count is removed from the Java command line to better use the optimization built into the JIT engine.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Performance

QC Legacy ID: 235544, 223185, 238236, 237935, 240744, 242820, 255656, 256840

RTC ID: 310330

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 242297

Title: Tuning Wizard in iSeries is not propagating the initial heap setting to tmp.sh

Description:

Customer was advised to change the initial heap running on iSeries per IBM support. Attempts made to change the initial heap through the Tuning Wizard, failed. The value is not being propagated to tmp.sh correctly.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Performance

QC Legacy ID: 210844, 210843, 209922, 240589, 243252, 245550, 255651, 256825, 256835

RTC ID: 310084

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 286238

Title: java.sql.SQLException: ORA-00060: deadlock detected while waiting for resource errors.

Description:

Deadlock messages appear in the mailbox log but they do not appear to have an impact on processing.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Performance

QC Legacy ID: 244397, 242631, 242632, 242615, 243257, 242961, 245553, 255666

RTC ID: 310339

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 327598

Title: Slow down occurs in document encryption with FSA collection.

Description:

Processing slow down when using Document Encryption is not being caused by the actual encryption of the document. Analysis shows that the overhead is incurred by a Select statement that is executed for every new document created. In addition, the BLOB object returned in the result is being interrogated. The query is retrieving certificate information. The process is repeated when the document is persisted.

For every document that is collected and persisted the checkIsSecurityOn() method is invoked three times Each checkIsSecurityOn() calls starts a chain of four select statements. One to fetch the ~doccrypto~ cert info and 3 to fetch the BLOB components of that certificate.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Performance

QC Legacy ID: 251182, 250621

RTC ID: 310018

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 242297

Title: ServiceInstallerWrapper performance issue

Description:

When patching the system, one of the files that is called is ServiceInstallWrapper.sh. The ServiceInstallWrapper.sh appears to be searching through the entire installation from the root directory for .cmd and .vbs files. The search is occurring in order to delete the .cmd and the .vbs files from the installation since they are not needed on a UNIX install.

In this file, near the end, are the following commands:

- `find ${INSTALL_DIR} -name *.cmd -exec rm -f {} \;`
- `find ${INSTALL_DIR} -name *.cmd.in -exec rm -f {} \;`

- find \${INSTALL_DIR} -name *.vbs -exec rm -f {} \;
- find \${INSTALL_DIR} -name *.vbs.in -exec rm -f {} \;

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Performance

QC Legacy ID: 253162

RTC ID: 312140

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 340500

Title: Node2 (token node) went down last night (4-node cluster)

Description:

Deadlock occurs because two InitialDirectContext objects are opened by a single thread and not closed before being used by the other thread.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Performance

QC Legacy ID: 256928

RTC ID: 312128

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 357845

Title: OOM errors occur with OFTP due to Session HashTable growth

Description:

OFTP is configured with non-SSL mode, the session info remains in the HashTable as it calls handleDisConnectRQ instead of handleDisConnectIND() leading to out of memory errors.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Performance

QC Legacy ID: 257699

RTC ID: 312118

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 329119

Title: Update GC interval to 15 minutes

Description:

Sterling B2B Integrator is in a hung state resulting in an inability to access the User Interface and process data. A restart of Sterling B2B Integrator is needed each time it happens. Only one thread dump is accessible and all attempts to issue KILL -Q have no effect. There are no errors specific to this issue or OutofMemory errors within the log. The thread dump that is created shows several blocked threads. All blocked threads are blocked by Thread Name: JIT Compilation ThreadState: Waiting on conditionMonitor: Owns Monitor Lock on VM class table lock (0x30010348)Java Stack: No Java stack trace availableNative Stack: No Native stack trace available.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Performance

QC Legacy ID: 251945

RTC ID: 318293, 320130

Severity: Critical

Type: NormalFix

Build: 5103

Case ID: 369521

Title: Remove index SCI_IDX_49 for Oracle11g

Description:

After upgrade to Sterling B2B Integrator 5102 noticed a slow down of business processes (BPs).

Error Message:

```
HAR.13653320.Thread" daemon prio=7 tid=6000000001feca00 nid=910 lwp_id=186282 runnable
[1fffffff32700000..1fffffff32700c50]
< java.lang.Thread.State: RUNNABLE
< at java.net.SocketInputStream.socketRead0(Native Method)
< at java.net.SocketInputStream.read(SocketInputStream.java:134)
< at oracle.net.ns.Packet.receive(Packet.java:240)
< at oracle.net.ns.DataPacket.receive(DataPacket.java:92)
< at oracle.net.ns.NetInputStream.getNextPacket(NetInputStream.java:172)
< at oracle.net.ns.NetInputStream.read(NetInputStream.java:117)
< at oracle.net.ns.NetInputStream.read(NetInputStream.java:92)
< at oracle.net.ns.NetInputStream.read(NetInputStream.java:77)
< at oracle.jdbc.driver.T4CMAREngine.unmarshalUB1(T4CMAREngine.java:1034)
< at oracle.jdbc.driver.T4CMAREngine.unmarshalSB1(T4CMAREngine.java:1010)
< at oracle.jdbc.driver.T4C80all.receive(T4C80all.java:588)
< at oracle.jdbc.driver.T4CPreparedStatement.doOall8(T4CPreparedStatement.java:194)
< at oracle.jdbc.driver.T4CPreparedStatement.executeForDescribe(T4CPreparedStatement.java:791)
< at oracle.jdbc.driver.T4CPreparedStatement.executeMaybeDescribe(T4CPreparedStatement.java:866)
< at oracle.jdbc.driver.OracleStatement.doExecuteWithTimeout(OracleStatement.java:1186)
< at oracle.jdbc.driver.OraclePreparedStatement.executeInternal(OraclePreparedStatement.java:3387)
< at oracle.jdbc.driver.OraclePreparedStatement.executeQuery(OraclePreparedStatement.java:3431)
< - locked (a oracle.jdbc.driver.T4CConnection)
< at oracle.jdbc.driver.OraclePreparedStatementWrapper.executeQuery(
OraclePreparedStatementWrapper.java:1491)
< at com.sterlingcommerce.woodstock.workflow.CorrelationImpl.
getCorrelationObjIdsWithJoinSyntax(CorrelationImpl.java:3339)
< at sun.reflect.GeneratedMethodAccessor298.invoke(Unknown Source)
< at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:25)
< at java.lang.reflect.Method.invoke(Method.java:597)
< at com.sterlingcommerce.woodstock.workflow.Correlation.getCorrelationObjIdsWithJoinSyntax(
Correlation.java:1605)
< at com.sterlingcommerce.woodstock.services.edi.reconcile997.Reconcile997.
updateGroupAckStatusCorrelation(Reconcile997.java:418)
< at com.sterlingcommerce.woodstock.services.edi.reconcile997.Reconcile997.reconcileGroup(
Reconcile997.java:335)
< at com.sterlingcommerce.woodstock.services.edi.reconcile997.Reconcile997.process997(
Reconcile997.java:241)
< at com.sterlingcommerce.woodstock.services.edi.reconcile997.Reconcile997.reconcile997(
Reconcile997.java:137)
< at com.sterlingcommerce.woodstock.services.edi.reconcile997.Reconcile997.reconcile997(
Reconcile997.java:89)
< at com.sterlingcommerce.woodstock.services.edi.developeX12.DevelopeX12ServiceImpl.
processTransactions(DevelopeX12ServiceImpl.java:1874)
< at com.sterlingcommerce.woodstock.services.edi.developeX12.DevelopeX12ServiceImpl.
processGroups(DevelopeX12ServiceImpl.java:1463)
< at com.sterlingcommerce.woodstock.services.edi.developeX12.DevelopeX12ServiceImpl.
processData(DevelopeX12ServiceImpl.java:308)
< at com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.
invokeService(ActivityEngineHelper.java:1792)
```

```
< at com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.  
nextMainLogic(ActivityEngineHelper.java:615)  
< at com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(  
ActivityEngineHelper.java:348)  
< at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(  
WorkFlowQueueListener.java:381)  
< at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(  
WorkFlowQueueListener.java:222)
```

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Performance

QC Legacy ID: 256743

RTC ID: 318292

Severity: Critical

Type: NormalFix

Build: 5103

Case ID: 374820

Title: Modify Oracle JDBC driver buffer settings and default nursery settings to avoid full GC

Description:

Token node is going down. The PIDs are still there, but the UI is unresponsive and their Trading partners are not able to connect to Sterling B2B Integrator.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Performance

QC Legacy ID: 257656

RTC ID: 320128

Severity: Critical

Type: NormalFix

Build: 5103

Perimeter Services

Case ID: 232131

Title: Error incorrectly reported to Perimeter.log when byte-by-byte comparison of certificates match.

Description:

An ERROR should be recorded in the Perimeter.log if the byte-by-byte comparison of a certificate does not match.

Error Message:

```
[2010-10-05 00:07:57.189] ERROR <PASConduit1pnode> 000000000000  
GLOBAL_SCOPE [TLSCheck.certificateCallback] direct trust returns true.
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Perimeter Services

QC Legacy ID: 232367, 230570

RTC ID: 310701

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 295073

Title: Error in EDIINTParse when MIME message is larger than 128K

Description:

Error in EDIINTParse when MIME message is larger than 128K is being processed. In the Perimeter API Gmm, we check for Request Size and it must be less than 128K. Made the MaxRequestSize configurable value from perimeter.properties.in file, the new property entry is: # Default maxRequestSize is 128K
gmm.maxRequestSize=128K to support larger values such as 256K or 512K.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Perimeter Services

QC Legacy ID: 244739, 35337, 244372, 244740, 244741, 245270, 245271

RTC ID: 310029

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 291689

Title: FTP client sessions become stuck in Waiting on IO causing deadlocks.

Description:

FTP client sessions become stuck in Waiting on IO causing deadlocks.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Perimeter Services

QC Legacy ID: 246658, 237459, 243383, 247859

RTC ID: 310377

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Platform

Case ID: 312862

Title: Use of jTDS driver for SQL Server 2005 and 2008 can cause connection pool issues.

Description:

Customer is using jTDS driver for connecting to both sql server 2005 (primary Sterling B2B Integrator db) and sql server 2008 (external db). When using this driver, connections are not released by the driver and the pool connection size

reaches more than 600. Since the connections are not released it makes a restart of Sterling B2B Integrator every few days necessary.

The Connection Pool starts to return null when the maximum connection is reached (including behavior 2 when buffer is exhausted too). However, it is assumed that all pooled connections are still valid which is not always true.

Error Message:

None

Resolution:

Checking for bad connections in the pool before returning null for connection requests is implemented.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Platform

QC Legacy ID: 249046, 252708, 256844

RTC ID: 310729

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 322129

Title: DocsOnDoc being deleted from the mailbox

Description:

DocsOnDoc were being deleted from the mailbox resulting in mailbox messages without content.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Platform

QC Legacy ID: 256367

RTC ID: 312125

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 241042

Title: Define host that is sending emails when the pool size is exceeded.

Description:

Database Resource Monitor watches the number of pool connections that are in use. If the total goes above the Max Size of the pool, it sends an email alert to the admin user.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Platform

QC Legacy ID: 234915, 247754, 250946

RTC ID: 310068

Severity: Normal

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 307579

Title: Random failures during translation.

Description:

The CacheManager.get() method to access the Key, Value from the CacheObject was causing threads to hang. Introduced the ForceSyncLoading flag to ensure that the Get operation is in Sync mode.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Platform

QC Legacy ID: 252386, 251381, 251710, 251278

RTC ID: 309924

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 228394

Title: ERROR 000310100376

UTIL.FRAME_JDBC.ERR_JDBCService_initJDBCService2 N/A

Description:

Everything works correctly but we are getting an error in the logs. It does not seem to be preventing anything from loading on the system, it is just throwing the error:

Error Message:

ERROR 000310100376 UTIL.FRAME_JDBC.ERR_JDBCService_initJDBCService2 N/A

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Platform

QC Legacy ID: 240396

RTC ID: 310328

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 366802

Title: Nodes disappear in services configuration

Description:

Schedule doesn't move to active node upon fail over of Scheduler Node.

Error Message:

None

Resolution:

Sterling B2B Integrator Release 5.1, Build 5103 is updated and tested to resolve this issue.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Platform

QC Legacy ID: 256478

RTC ID: 184590

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 182242

Title: Exception when creating an envelope in a cluster environment

Description:

Issues in a cluster environment with the creation of envelopes and two token nodes with AC nodes configured.

Error Message:

None

Resolution:

Sterling B2B Integrator Release 5.1, Build 5103 is updated and tested to resolve this issue.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Platform

QC Legacy ID: 244373

RTC ID: 182242

Severity: Normal

Type: NormalFix

Build: 5103

Scheduling

Case ID: 00292755

Title: Schedule log fills with error 'schedule type is unknown'

Description:

The schedule log receives errors every minute. All the schedules run properly there is no noticeable negative impact except for the fact that the log keeps growing.

Error Message:

```
[2011-04-06 09:40:36.338]
ALL 000330180094 UTIL.FRAME_SCHEDULE.WARN_schedule_getScheduleType1
schedule type is unknown. It may have been deleted 1
[2011-04-06 09:40:36.338]
ALL 000330180094 UTIL.FRAME_SCHEDULE.WARN_schedule_getScheduleType1
schedule type is unknown. It may have been deleted 2
```

Resolution:

Turn the Schedule ERROR to WARN message in logs. With this fix, the message is put in Systems Logs only if they are enabled (DEBUG mode) and does not appear when disabled (by DEFAULT)

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Scheduling

QC Legacy ID: 246036

RTC ID: 303514

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 152100

Title: Schedules have a systemname of '{null}'

Description:

Node1 went down and node2 became the token node. However, the AssociateDocstoBP, th PurgeService, and some schedules had a systemname of {null} causing the schedule to not run.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Scheduling

QC Legacy ID: 246613, 222450, 243594, 216775, 222451, 245817, 243593, 245818

RTC ID: 310035

Severity: Normal

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 207274

Title: A schedule is triggered twice, at the same time in one specific configuration.

Description:

A schedule is triggered twice when configured to 'run daily' for a selected time interval and at interval.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Scheduling

QC Legacy ID: 244371, 229682, 241393

RTC ID: 310697

Severity: Normal

Type: NormalFix

Build: 4325, 5009, 5103

Security/Encryption

Case ID: 00323716

Title: Unable to check in trading partner AS2 certificate

Description:

Unable to check in AS2 certificate using cert with *. Need wildcard certificates to be supported within Sterling B2B Integrator.

Error Message:

The file you specified does not contain any valid certificates.
Please try again.

Resolution:

Added an entry to the configuration file to fix the issue.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Security/Encryption

QC Legacy ID: 242999, 250490

RTC ID: 310713, 183919

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 130546

Title: If a user fails to log in, the authentication.log file does not indicate why the user was unable to log in.

Description:

If a user fails to log in, the authentication.log file does not indicate why the user was unable to log in. For instance, if the user enters an invalid password they are not given that as the reason for the login failure. Instead, a generic message is generated:

```
[2010-01-12 10:49:26.207]
DEBUG 000000000000 GLOBAL_SCOPE SecurityManager user:admin attempting to
[2010-01-12 10:49:26.207]
DEBUG 000000000000 GLOBAL_SCOPE GISAuthentication user:admin is identified
[2010-01-12 10:49:26.207]
ALL 000000000000 GLOBAL_SCOPE SecurityManager user:admin authorization
FAILED
[2010-01-12 10:49:30.296]
DEBUG 000000000000 GLOBAL_SCOPE SecurityManager user:admin attempting to
[2010-01-12 10:49:30.296]
DEBUG 000000000000 GLOBAL_SCOPE GISAuthentication user:admin is identified
[2010-01-12 10:49:30.296]
ALL 000000000000 GLOBAL_SCOPE SecurityManager user:admin authorization
SUCCEEDED
```

Error Message:

authorization FAILED

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Security/Encryption

QC Legacy ID: 213937

RTC ID: 309936

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 240272

Title: User id is not passed along when XAPI service instance is saved.

Description:

The XAPI service (using method changeserviceinstance) the principle which is used for this change is made as "System User" as opposed to the "Admin" user which was set in the business process.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Security/Encryption

QC Legacy ID: 235991, 242742

RTC ID: 310710, 310702

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 271564

Title: Document Decryption fails if encryption algorithm is changed

Description:

If the value for ENC_ALG is changed then all previously encrypted documents become inaccessible.

Error Message:

```

> sftp -o port=40199 admin@localhost
Connecting to localhost...
SSH Server supporting SFTP and SCP
password
Enter password for admin
Password:
sftp> pwd
Remote working directory: /
sftp> dir
100mb.txt
EBICS_DEADLETTER
EDIInboundCollection
EDIInboundExtraction
EDIOutboundCollection
EDIOutboundExtraction
STERLINGIntegratorStandards.exe
STERLINGIntegratorStandards.exe
andrea_ftp_test
chris.txt
test
sftp> get chris.txt
Fetching /chris.txt to chris.txt
Couldn't read from remote file "/chris.txt" : Failure
sftp>

```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Security/Encryption

QC Legacy ID: 239951, 240809, 241013, 238023, 24620

RTC ID: 310706

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 274000

Title: Missing private key causes repeated SSL errors in the security and system logs.

Description:

Third party calls for key information are generating SSL errors in the security and system logs for customer. If the queried key information is not present it is not necessarily logged as an error as other providers have the key.

Error Message:

Security Log:

```

ALL 000000000000 GLOBAL_SCOPE SCIX509KeyManagerImpl.getClientAliases --
Entered. This method is not currently supported.

```

System Log:

```

ERROR 000000000000 GLOBAL_SCOPE Error: Could not find PrivateKeyInfo with
name RSA0

```

Resolution:

Log messages are changed from error messages to debug messages.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Security/Encryption

QC Legacy ID: 246319, 249512

RTC ID: 310724

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 327181

Title: Files on disk can be downloaded by modifying mapeditor download URL

Description:

The standard way to access the SI dashboard is `servername:port/dashboard`. It was found that if one types `servername:port/ws/../../filename` it displays the contents of the file in the browser.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Security/Encryption

QC Legacy ID: 249334

RTC ID: 309903

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 337998

Title: HTML comments disclose sensitive information

Description:

Some pages in the application contain HTML comments that include sensitive information.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Security/Encryption

QC Legacy ID: 251080

RTC ID: 310468

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 337999

Title: Cacheable SSL Pages can expose sensitive information

Description:

Some resources are served under SSL permit client-side caching, which can expose sensitive content in the cache.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Security/Encryption

QC Legacy ID: 251081

RTC ID: 310366

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 257761

Title: Null pointer exception thrown while trying to insert script in "service-type" in current activities

Description:

NullPointerException is seen when an invalid service-type is chosen in the search criteria; since we tampered with the actual service-type, the underlying code considers it "null". Invoking APIs on null objects leads to this exception being thrown. These identifiers are used to post the help query to the right side of the results.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Security/Encryption

QC Legacy ID: 257761

RTC ID: 312121

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Security Updates

Latest Security Updates

Please apply Sterling Integrator Version 5.1, Build 5103 or later to install the latest security updates.

For more information on the security updates, see the following listing of Case ID (QC Legacy ID) (RTC ID):

- Case ID: 255614 (QC Legacy ID: 238899) (RTC ID: 309935)
- Case ID: 250210 (QC Legacy ID: 238904) (RTC ID: 309898)
- Case ID: 260211 (QC Legacy ID: 242782) (RTC ID: 309895)
- Case ID: 245798 (QC Legacy ID: 238905) (RTC ID: 309894)
- Case ID: 260213 (QC Legacy ID: 242781) (RTC ID: 309886)

- Case ID: 254483 (QC Legacy ID: 237796) (RTC ID: 310355)
- Case ID: 260204 (QC Legacy ID: 241072) (RTC ID: 310358)
- Case ID: 199091 (QC Legacy ID: 246689) (RTC ID: 310034)
- Case ID: 297520 (QC Legacy ID: 251015) (RTC ID: 310732)
- Case ID: 290433 (QC Legacy ID: 244627, 244629) (RTC ID: 310717, 310716)
- Case ID: 308833 (QC Legacy ID: 248234) (RTC ID: 310727)
- Case ID: 246217 (QC Legacy ID: 243957) (RTC ID: 182025)
- Case ID: 329378 (QC Legacy ID: 251041) (RTC ID: 310466)
- Case ID: none (QC Legacy ID: none) (RTC ID: 318290)
- Case ID: none (QC Legacy ID: none) (RTC ID: 311669)

Sterling File Gateway

Case ID: 218558

Title: File Gateway does not recognize handled errors in custom workflows.

Description:

File Gateway uses custom workflows in the following scenarios:

Dynamic consumer identification

It is possible to specify a custom business process to identify the consumer of a file.

Custom Layers

Business process can be defined to handle a custom layer (for example, Digital Signature or translation).

Delivery Protocols

Custom business process can be specified to implement the delivery of a file to a listening consumer.

For the Dynamic consumer identification and the Custom Layers scenarios, if an error occurs in the custom process it is handled on an onfault. The routing of the file fails and there is no further processing. The ID value is set but File Gateway halts the processing of the route. The halt in processing occurs even though the information necessary for the route is being generated by the onfault part of the custom business process.

Error Message:

None

Resolution:

Apply Gentrant Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Sterling File Gateway - Route Processing

QC Legacy ID: 230387

RTC ID: 310073

Severity: Normal

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 302514

Title: Rebranding myfilegateway

Description:

Added support for multiple Sterling File Gateway rebranding. The ability of rebranding a multinode Sterling B2B Integrator/Sterling File Gateway cluster 8 times and the ability to add new rebranding as needed.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Sterling File Gateway

QC Legacy ID: 252484

RTC ID: 310536

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 184394

Title: Documented welcome tab example should be shipped in the samples directory.

Description:

Updated documentation steps required to implement a custom tab that shows **Customer Welcome Page**.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Sterling File Gateway

QC Legacy ID: 254722

RTC ID: 184394

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 303236

Title: **sfgdbcheck** support script has been added to bin Directory Files in Sterling B2B Integrator.

Description:

The support tool **sfgdbcheck** has been added to the bin/files directory. This support tool is used to check the Sterling File Gateway database and report the inconsistencies found with Sterling File Gateway Partners and Communities. Only use this script when directed to by IBM support.

Important: Do not run **sfgdbcheck** without direction or assistance from IBM Support

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Sterling File Gateway

QC Legacy ID: None

RTC ID: 303236

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 290671

Title: When replaying an older PGP document in Filegateway an Unexpected error occurs.

Description:

When replaying an older PGP document in Filegateway a note opens on the screen "Unexpected error has occurred. Please check the logs for detail". Looking at the

Filegateway Log shows that FileGateway.Engine.DOCUMENT_LOAD Failed to load Document and that the loading document has error No document with ID =. The only way to replay the message to the Consumer is to Restart the FileGatewaySendMessage BP.

Error Message:

```
ERROR 001100010009 FileGateway.Engine.DOCUMENT_LOAD Failed to load Document 566:55864:12eb5a2eda4:
[2011-03-18 10:11:27.465] ERROR 000000000000 GLOBAL_SCOPE [1300457487465] Failed to load Document
[2011-03-18 10:11:27.466] ERRORDTL 000000000000 GLOBAL_SCOPE [1300457487465]com.sterlingcommerce.fg.
at com.servername.fg.exception.FileGatewayException.newDocumentLoadFailure(FileGatewayException.
at com.servername.fg.xapi.services.Reprocessor.replayArrivedFile(Reprocessor.java:138)
at com.servername.fg.ui.service.ReplayService.replayArrivedFile(ReplayService.java:22)
at com.servername.fg.ui.actions.datasource.ReplayArrivedFileDataSource.prepareUpdateResponse(
at com.servername.fg.ui.actions.datasource.AbstractDataSource.executeUpdate(AbstractDataSource.
at com.servername.fg.ui.actions.datasource.AbstractDataSource.executeOperation(AbstractDataSource.
at com.servername.fg.ui.actions.datasource.RPCActionEnum.execute(RPCActionEnum.java:124)
at com.servername.fg.ui.actions.SmartClientRPCAction.handleEnumDataSourceCall(SmartClientRPCAction.
at com.servername.fg.ui.actions.SmartClientRPCAction.execute(SmartClientRPCAction.java:83)
at org.apache.struts.action.RequestProcessor.processActionPerform(RequestProcessor.java:484)
at com.servername.fg.ui.requestProcessor.ClientSessionRequestProcessor.processActionPerform(
at org.apache.struts.action.RequestProcessor.process(RequestProcessor.java:274)
at org.apache.struts.action.ActionServlet.process(ActionServlet.java:1482)
at org.apache.struts.action.ActionServlet.doPost(ActionServlet.java:525)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:710)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:803)
at org.servername.servlet.ServletHolder.handle(ServletHolder.java:487)
at org.servername.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.java:1093)
at com.servername.fg.ui.filters.ResponseHeaderFilter.doFilter(ResponseHeaderFilter.java:67)
at org.servername.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.java:1084)
at com.servername.ui.dlso.DLSSOFilter.doFilter(DLSSOFilter.java:228)
at org.servername.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.java:1084)
at org.servername.servlet.ServletHandler.handle(ServletHandler.java:360)
at org.servername.security.SecurityHandler.handle(SecurityHandler.java:216)
at org.servername.servlet.SessionHandler.handle(SessionHandler.java:181)
at org.servername.handler.ContextHandler.handle(ContextHandler.java:726)
at org.servername.webapp.WebAppContext.handle(WebAppContext.java:405)
at org.servername.handler.ContextHandlerCollection.handle(ContextHandlerCollection.java:206)
at org.servername.handler.HandlerCollection.handle(HandlerCollection.java:114)
at org.servername.handler.HandlerWrapper.handle(HandlerWrapper.java:152)
at org.servername.Server.handle(Server.java:324)
at org.servername.HttpConnection.handleRequest(HttpConnection.java:505)
at org.servername.HttpConnection$RequestHandler.content(HttpConnection.java:842)
at org.servername.HttpParser.parseNext(HttpParser.java:648)
at org.servername.HttpParser.parseAvailable(HttpParser.java:205)
at org.servername.HttpConnection.handle(HttpConnection.java:380)
at org.servername.io.nio.SelectChannelEndPoint.run(SelectChannelEndPoint.java:395)
at org.servername.thread.BoundedThreadPool$PoolThread.run(BoundedThreadPool.java:450)
Caused by: com.servername.workflow.DocumentNotFoundException: loading document has
at com.servername.workflow.Document.<init>(Document.java:648)
at com.servername.workflow.Document.<init>(Document.java:503)
at com.servername.workflow.Document.<init>(Document.java:482)
at com.servername.workflow.Document.<init>(Document.java:463)
at com.servername.workflow.Document.<init>(Document.java:457)
at com.servername.fg.xapi.services.Reprocessor.replayArrivedFile(Reprocessor.java:134)
... 36 more
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Sterling File Gateway - Route Processing

QC Legacy ID: 245201, 245078

RTC ID: 310049

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 329805

Title: Protocol Search using Connect:Direct is not working

Description:

Protocol Search option is not working for Connect:Direct outbound transactions.

Error Message:

None

Resolution:

Workaround for this release is to specify the following in the customer_overrides.properties:

- filegateway_protocol.protocol.FG_CDIN.name=Connect:Direct
- filegateway_protocol.protocol.FG_CDOUT.name=Connect:Direct
- filegateway_protocol.protocol.FG_CD.name=Connect:Direct

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Sterling File Gateway

QC Legacy ID: None

RTC ID: 329805

Severity: Normal

Type: NormalFix

Build: 5103

Services and Adapters

Case ID: 00297037

Title: Change in the behavior of lwjdbc when using stored procedure and emptyblob.

Description:

Unable to collect an empty blob using a store procedure in 4223 but was able to in 4222. Tested on 5.1 and found it did not work.

Error Message:

None

Resolution:

The fix for this issue checks if the docStream is null or not rather than checking whether the docStream size is greater than zero. An empty doc is then created when a selection is made on an empty blob column.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 244964, 184050, 258706, 257548, 259419

RTC ID: 182386

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 00293974

Title: SFTP List Service Error - "Folder Not Found"

Description:

The SFTP List service returns message "Folder Not Found".

Error Message:

Folder Not Found

Resolution:

The code changes were made to complete the SFTP Client LIST Service with Success when no file is available. Maintained the current behavior of business process by ending with ERROR and gave a property-based approach.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 245022

RTC ID: 182400

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 00308107

Title: Trying to set up Sterling B2B Integrator to communicate between MSMQ and JMS using MSMQ Adapter.

Description:

Attempting to setup communication between Sterling B2B Integrator and MSMQ using the msmqbundle_4500.jar. Attempts to connect via the MSMQ Adapter results in an error in the newmsmq_err.log file.

Error Message:

```
java.lang.UnsatisfiedLinkError:  
com.servername.Dispatch.createInstance(Ljava/lang/String;)V
```

Resolution:

Fixed the issue with the 64-bit JavaService.exe and modification of installjavaservice.cmd script. Fix depends on approval of bundling 64-bit jacob dll with the msmqbundle_xxxx.jar. If in any case IBM legal approval is not granted customer needs to download the 64-bit jacob dll themselves. Also added an environment variable BIT64 in the InstallJavaService.cmd which defaults to 0, customer needs to set it to 1 if using 64-bit JDK and Windows.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 246436

RTC ID: 182630

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 00349108

Title: NFX9445/Fix 233589 is inconsistent with 5009 and 5200.

Description:

The status report of the SFTP Put operation was not displaying the file name and file size like the 5.0 and 5.2 version.

Error Message:

None

Resolution:

Updated the code to display the file name and file size for the SFTP Put operation.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 253086

RTC ID: 184265

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 00335818

Title: SFTP Server Adapter not following Symbolic Links.

Description:

SFTP Server adapter when using the file system repository symbolic links outside of the base directory tree cannot be followed and generates an error. The error occurs whether virtual roots are used or not.

Error Message:

file not found error

Resolution:

Updated the code to display the directory contents for SFTP symbolic links.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 257380, 251401

RTC ID: 184732

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 00336231

Title: SFTP List Service is not working for IPSwitch WS-SFTP Server.

Description:

SFTP Client List does not report files. Filezilla shows that files exist in the folder. SFTP List ends successfully but does not report the files.

Error Message:

None

Resolution:

This issue occurs only in the IPSwitch WS-SFTP Server when a trailing slash is appended to directory name. To fix this issue be sure that the directory name ends with trailing slash before appending to argument.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 258871, 252360

RTC ID: 303332

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 250655

Title: MEFG Server (windows version) releases the queue properly before shutting down.

Description:

The SWIFTNet MEFG server is not releasing the queue properly before shutdown.

Error Message:

None

Resolution:

Update is made to release the queue properly.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 250655, 250654, 250223, 250060

RTC ID: 309877

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 252223

Title: noapp server SSL port binds to all interfaces, it should respect admin_host property.

Description:

On running noapp server, SSL port is open to all hosts.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 252223

RTC ID: 310733

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 331658

Title: Large log files exceeding disk threshold.

Description:

TEST.log, SEND.log, and RECV.log are all being saved in the Windows SYSTEM folders.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 250648, 250226, 250228, 250032, 250650

RTC ID: 309879

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 275039

Title: Custom script is not detecting that the MEFG server is up.

Description:

The MEFG comms server was not up. When using a custom script for monitoring, the three MEFG processes did not detect that it was back up, resulting in manual intervention (restarting MEFG.)

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 250058, 247750, 224061, 224062, 224063, 224064, 224065, 240769, 250218, 250647

RTC ID: 183960

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 289971

Title: Could not establish FTPS connection using FTPClientAdapter.

Description:

Could not establish FTPS connection because FTPClient Adapter defaults to SSL_NONE even though BP sets the value as EXPLICIT. The BP needs to throw an exception.

When the SSL parameter within FTPClientBeginSession is set to EXPLICIT ("not SSL_EXPLICIT or something irrelevant"), the client switches to a non-SSL connection. The switch to a non-SSL connection occurs because current logic assumes that the parameter value is SSL_NONE and never throws an exception.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 244477, 244375

RTC ID: 309887

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 318329

Title: MEFG CmdServer shuts down when it runs out of resources to create new threads.

Description:

When threads that are created on the MEFG side (C libraries) are not set with the correct attributes. When the threads are terminated, the main process is not able to reclaim the resources used by these threads. Over time, the number of threads will hit the limit and the process is not allowed to create new threads anymore. The application then crashes due to thread leaks.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 249506, 248526, 250052, 250222, 250646

RTC ID: 309876

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 307411

Title: OutOfMemory error when security scans ports +8 and +10.

Description:

OutOfMemory error when security scans ports +8 and +10.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - B2B

QC Legacy ID: 255142, 225371, 253515, 256162

RTC ID: 310556

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 181705

Title: When noFilesSetSuccess is set to true an error message is still written to the log if a zero-byte file is present.

Description:

If the following settings are configured for an FSA within a business process:

- collectMultiple set to true
- collectZeroByteFiles set to false
- noFilesSetSuccess set to true

When the process is run within a folder containing a single zero-byte file, it completes and it does not enter an error state. There is also no error in the business process. However, an error message is generated in the system.log

Error Message:

```
2010-06-07 09:10:27.797] ERROR 000000000000 GLOBAL_SCOPE  
<FileSystemImpl-JPM_FSA-10147090> Unable to collect any files
```

Resolution:

The error message is suppressed.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - FSA

QC Legacy ID: 222838

RTC ID: 309873

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 301530

Title: AS2 FSA collects files in random order.

Description:

The AS2 FSA picks up the files in random order. The Sortby parameter which is available in FSA is not available in AS2 FSA.

When the process is run within a folder containing a single zero-byte file, it completes and it does not enter an error state. There is also no error in the business process. However, an error message is generated in the system.log

Error Message:

None

Resolution:

To collect files in FIFO order, add the following assign statement to the AS2 Scheduler BP:

```
<assign to="collectOldFilesFirst">FS_DATE</assign>
```

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - FSA

QC Legacy ID: 245622, 248411

RTC ID: 309865

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 184754

Title: File sent in GIS vanished.

Description:

GIS FTP Server does not configure property configurations to not delete unextractable messages, similar to the property: listUnextractables (currently used with the list command that indicates whether the system displays unextractable messages or not).

Added a property "deleteUnextractables = true" to the ftpserver.properties. Default behavior is the current behavior and deletes the unextractable messages. This new property ensures that messages that cannot be listed (by listUnextractables = false) is cleaned up by the delete command (using deleteUnextractables = true). If you do not want the non-extractable messages to be deleted, set the property to false.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - FTP Client and Server

QC Legacy ID: 244226, 226089

RTC ID: 309906

Severity: Normal

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 219641

Title: HTTP Connections show as open in the GIS UI after client disconnects.

Description:

When you deploy a simple web application (.war file) on the http adapter and access the web application from the outside. The session is shown as active in the GIS UI (business process > monitor > advanced search > communication sessions) when the http client disconnects.

Connection Disconnect events were not called when user session ended.

Error Message:

None

Resolution:

The logic to display open/closed sessions based on ACT_SESSION table in UI is changed, so that it reflects the right picture to the users of GIS.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - HTTP

QC Legacy ID: 231675, 242637

RTC ID: 310700

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 274788

Title: User [null] NOT FOUND error encountered when a bootstrapped BP is executed by JMS queue adapter.

Description:

The "Run as User" option was removed from the JMS Queue adapter. This removal causes an error to be generated when a bootstrapped BP is executed by that adapter.

Error Message:

```
wfc.getParam ~ User [null] NOT FOUND
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - JMS Queue

QC Legacy ID: 241713, 242741, 215481, 215480

RTC ID: 310017

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 325870

Title: Clustered JMS Queue Adapter is losing messages in Async Receive mode when receiving messages from WS MQ.

Description:

Clustered JMS Queue Adapter is losing messages in Async Receive mode when receiving messages from WS MQ. The messages are removed from the queue (on WS MQ). But they are not passed to a bootstrap process in Sterling B2B Integrator.

For example, there could be six messages on the queue in WSMQ. There are four processes bootstrapped in Sterling B2B Integrator by the JMS adapter in Async Receive mode. Two of the messages are nowhere to be found in Sterling B2B Integrator but are also no longer available on the WS MQ queue. There are no errors reported.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - JMS Queue

QC Legacy ID: 252498, 224849

RTC ID: 309893

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 184528

Title: The '.oracle' extension is missing from two queries within jdbc.properties_OdetteFTP_ext.

Description:

The two queries 'query.getSendEntryByPPC_v2' and 'query.checkPPCGroupForMessages' are missing the '.oracle' extension. These queries are used for OFTP file transfer operations.

Error Message:

None

Resolution:

The two queries 'query.getSendEntryByPPC_v2' and 'query.checkPPCGroupForMessages' is changed to contain the generic and Oracle-specific queries.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - OFTP

QC Legacy ID: 222410

RTC ID: 310381

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 229090

Title: Correlation entries for OFTP are not being generated correctly.

Description:

The OFTP module does not generate reference numbers for files queued to the OFTP queue for the process data.

The OFTP_OBJECT table contains a unique ID COLUMN, and the column name is EVENT_ID. This event ID is not updated back in process data once after the queuing happens.

Error Message:

None

Resolution:

Code changes are made so that more correlation data is reported for OFTP Transactions.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - OFTP

QC Legacy ID: 233964, 231618

RTC ID: 310383

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 241825

Title: OFTP Adapter queries not working with DB2® database.

Description:

This issue occurs with DB2 because the SQL queries being used are syntactically wrong and no separate queries for DB2 are present. In DB2 bit-wise operators ('|' '&') are not recognized.

Error Message:

```
[2010-11-04 14:06:08.162]
ERROR 000000000000 GLOBAL_SCOPE NotSent.00038
(14:06:08.162)
The method DB2 SQL Error: SQLCODE=-104, SQLSTATE=42601,
SQLERRMC=|;CT WHERE EVENT_ID=?);||, DRIVER=3.53.95
com.ibm.db2.jcc.b.eo: DB2 SQL Error: SQLCODE=-104,
SQLSTATE=42601, SQLERRMC=|;CT WHERE EVENT_ID=?);||,
at com.ibm.db2.jcc.b.bd.a(bd.java:676)
at com.ibm.db2.jcc.b.bd.a(bd.java:60)
at com.ibm.db2.jcc.b.bd.a(bd.java:127)
at com.ibm.db2.jcc.b.gm.c(gm.java:2484)
at com.ibm.db2.jcc.b.gm.d(gm.java:2461)
at com.ibm.db2.jcc.b.gm.a(gm.java:1962)
at com.ibm.db2.jcc.t4.db.g(db.java:138)
at com.ibm.db2.jcc.t4.db.a(db.java:38)
at com.ibm.db2.jcc.t4.t.a(t.java:32)
at com.ibm.db2.jcc.t4.sb.h(sb.java:141)
at com.ibm.db2.jcc.b.gm.bb(gm.java:1933)
at com.ibm.db2.jcc.b.hm.ec(hm.java:2558)
at com.ibm.db2.jcc.b.hm.e(hm.java:3259)
at com.ibm.db2.jcc.b.hm.Sb(hm.java:619)
at com.ibm.db2.jcc.b.hm.executeUpdate(hm.java:602)
at com.servename.services.oftp.fsm.usermon.persistence.
OFTPObjectTableProxy.resetTimeAction(
at com.servename.services.oftp.scheduler.StatusWatchdog.
processJob(StatusWatchdog.at com.servename.common.job.
JobEngine$AsynchronousJobItem$1.run(JobEngine.java:225)
```

Resolution:

The fix is to change the queries and perform these bitwise operations at the code level. There are 3 queries for OFTP which perform bitwise operation and they are fixed. And this fix is specific to DB2 Database.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - OFTP

QC Legacy ID: 235914

RTC ID: 310620

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 272904

Title: OFTP Mailbox extraction fails with an error if the file does not finish transferring.

Description:

When a large file is sent by OFTP to GIS and goes into a Mailbox. The MailboxEvaluateAllRoutingRules BP finds the Message and tries to do an Extract and invoke the appropriate BP. However, the file does not finish being transmitted, so we get an error message.

Error Message:

ERROR MailboxExtractBeginService - Caught exception of type

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - OFTP

QC Legacy ID: 241575

RTC ID: 310367

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 273822

Title: Null values present in LPC column of OFTP_OBJECT table.

Description:

After patching to 5006, there are null values in the LPC column of the OFTP_OBJECT table when TYPE = FILE and STATUS = RECEIVED_AND_EERP_CREATED.

If the "Accept SFID for non-existing Logical Partner Contract" flag in the Physical Partner Contract (PPC) is checked, then for a nonexistent Logical Partner Contract (LPC) a dummy LPC is created. While creating the entry in the OFTP_OBJECT table it is checked that if the "Accept SFID for non-existing Logical Partner Contract" flag is checked then the LPC is set as null even if an actual LPC exists

Error Message:

None

Resolution:

The issue is fixed by introducing a flag for the dummy LPC. If a dummy LPC is created this flag is set to true. While inserting the values in the OFTP_OBJECT table when the LPC is present LPC is not null and LPC is not dummy then the actual value of LPC is inserted, otherwise null is inserted.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - OFTP

QC Legacy ID: 242117

RTC ID: 310476

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 291786

Title: OFTP schedule service does not delete FINAL Status entries.

Description:

OFTP_OBJECT and OFTP_OBJECT_EXT table does not get cleared by the OFTP Scheduler because of incorrect SQL queries in jdbc.properties_Odetteftp_ext.

The queries are incorrect for:

- query.deleteRow
- query.deleteRows_v2.mysql
- query.deleteRows_v2.mssql
- query.deleteRows2_v2.mssql

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - OFTP

QC Legacy ID: 243386

RTC ID: 310379

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 292685

Title: When a file times out in the OFTP queue it causes a null pointer exception when processing is attempted.

Description:

If a file is in the OFTP queue longer than the specified time in the LPC. It throws a null pointer exception when a process tries to send the file.

Error Message:

Null Pointer Exception

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - OFTP

QC Legacy ID: 244225

RTC ID: 309941

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 292625

Title: A 10-second timeout occurs while waiting on a response from the remote OFTP partner.

Description:

A 10-second timeout occurs while waiting on a response from the remote OFTP partner.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - OFTP

QC Legacy ID: 244794

RTC ID: 309925

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 311056

Title: FILE has the status "FAIL" in oftp_object.

Description:

If in an OFTP outbound session initiated by the local OFTP partner a timeout occurs during sending an OFTP message of type FILE; then the related entry in table OFTP_OBJECT ends up in the final status FAIL. Therefore this file is never sent.

The customer is able to send the file later by manually changing the status "FAIL" to "SCHEDULED".

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - OFTP

QC Legacy ID: 249720

RTC ID: 309920

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 331563

Title: The OFTPScheduler adapter does not purge OFTP_OBJECT table entries Type-EERP Status-SCHEDULED and Type-File Status-Receiving.

Description:

Entries in the OFTP_OBJECT table such as Type-EERP Status-SCHEDULED, and Type-File Status-Receive are considered unsuccessful final statuses and the OFTPScheduler adapter never purges these entries. This means that the customer must purge these entries from the table manually

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - OFTP

QC Legacy ID: 249904

RTC ID: 310681

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 159832

Title: Logging on the OFTP adapter is always verbose even when error level or information level are chosen.

Description:

The logging on the OFTP adapter is always verbose even when error level or information level are chosen.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - OFTP

QC Legacy ID: 219381

RTC ID: 310567

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 287918

Title: OFTP ESID sending spaces in ESIDREASL when specification defines this field as numeric.

Description:

OFTP ESID sending spaces in ESIDREASL when specification defines this field as numeric.

The ESID was not being generated correctly. The constructor in the class EvevtESID.java was not setting the field ESIDREASL to 0 when ESIDREAST was not present.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - OFTP

QC Legacy ID: 244901, 242986

RTC ID: 310469

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 244485

Title: Out of Memory failures occur in Sterling B2B Integrator OFTP2 Server.

Description:

OFTP PerimeterConnector class constructor instantiates a hashtable fSessionToChannel when the adapter instance is enabled. When this adapter instance is used through bp, handleConnectIND & handleConnectCNF the APIs put session/channel entries into the hashtable. They never get deleted unless adapter is disabled.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - OFTP

QC Legacy ID: 244485

RTC ID: 309937

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 288065

Title: Customer is receiving duplicate filename messages.

Description:

When the sender is configured as a cluster, it sometimes happens that a duplicate value for field SFIDTIME is sent. The operation fails since OFTP allows only unique values for the field SFIDTIME.

The field SFIDTIME is of the format HHMMSScccc and is obtained by concatenating the time stamp with a counter. This counter comes from the class OftpTools.java. In the current implementation, the counter is a static variable in this class. This static variable is increased by 1 every time and then reset to 1 when it reaches 9999. As RFC 5024 specifies, the cccc is only permitted to have values from 0001 to 9999. In a clustered environment, nodes run on different JVMs. The static variable is specific to each JVM and is not synchronized across nodes causing the counter to sometimes be identical for the same timestamp. Therefore both nodes produce the same value for SFIDTIME and the process fails on one of the nodes.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - OFTP

QC Legacy ID: 243278, 246670, 244360, 224774, 245293

RTC ID: 310477

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 259828

Title: 5009 Standard Delivered SAP Adapter Map StatusMsgALE does not compile as delivered.

Description:

5009 Standard Delivered SAP Adapter Map StatusMsgALE does not compile as delivered because the Accumulator standard rules 1 is missing.

Error Message:

```
[2011-02-16 10:56:40.968]
ERROR 000110070158 WORKFLOW.ACTIVITY_ENGINE.ERR_
ActivityEngineHelper_invokeService21
[2011-02-16 10:56:40.968]
ERROR 000000000000 GLOBAL_SCOPE [1297871800968] 2
[2011-02-16 10:56:40.968]
ERRORDTL 000000000000 GLOBAL_SCOPE [1297871800968]
java.lang.ArrayIndexOutOfBoundsException:
~at com.servename.translator.rules.StandardRuleUseAccumulator.
execute(StandardRuleUseAccumulator.
~at com.servename.translator.fieldprocessor.FieldHandler.
executeFieldRules(FieldHandler.
~at com.servename.translator.fieldprocessor.FieldHandler.
executeRules(FieldHandler.
~at com.servename.translator.fieldprocessor.OutputFieldHandler.
processFieldValues
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - SAP

QC Legacy ID: 240805

RTC ID: 310325

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 297233

Title: Business process is halted when a "No Such File" error is received for SFTP Client List Service.

Description:

The SFTP Client List Service gets a "No Such File" error when no files are available and then the business process halts. GIS reports the error correctly when a user attempts to list a file that is not present. However, the customer does consider the 'no files' result as an error. As a result they are requesting an option to ignore this error in the SFTP Client LIST Service.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - SFTP

QC Legacy ID: 245345, 239966, 246798, 248286, 248287

RTC ID: 310385

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 301749

Title: Source IP addresses not captured in sftpserver.log.

Description:

Customer wants source IP address to log in sftpserver.log regardless of logging level. Currently source IP address is logged if logging level is set to ALL.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - SFTP

QC Legacy ID: 248237

RTC ID: 310386, 310369

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 266327

Title: The SFTP Begin Session allows negotiation of cbc ciphers.

Description:

The SFTP Begin Session allows negotiation of cbc ciphers.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - SFTP

QC Legacy ID: 253112, 239079, 239086, 253115, 253140, 253141, 255659, 256845

RTC ID: 309904, 309908

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 307112

Title: Slow SFTP GET transfer times.

Description:

When the "xport-mailclient-maxmessage" parameter is set to an integer value, the mail client is supposed to retrieve only specified number of mails per session. But, instead it retrieves all the mail present in the mail server.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - SFTP Client

QC Legacy ID: 242587, 239932, 240679, 238023, 236608

RTC ID: 310598

Severity: Normal

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 322165

Title: User can still log in to SFTP server adapter even if account is locked within FTP, MBI, or UI.

Description:

User can still log in to SFTP server adapter even if account is locked within FTP, MBI, or UI.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - SFTP Client

QC Legacy ID: 248485, 248659

RTC ID: 309888

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 314146

Title: Receiving Error when creating new network connection to the GIS WebDAV server.

Description:

Webdav XP clients fail with the stack trace if the webdav server log is set to debug. If debug is turned off Webdav XP client is successful.

Error Message:

Windows XP produces this error:

The folder you entered does not appear to be valid. Please choose another.

WebDAV Error:

```
[2011-06-03 09:43:03.255]
ERROR <ConduitStreamListener7-1>
000000000000 GLOBAL_SCOPE ERROR 500 INTERNAL SERVER ERROR
while accessing https://gisserver5:555/webdav/
java.lang.NullPointerException at com.servername.webdav.servlet.
propfind.XmlRequestHandler.setState(XmlRequestHandler.java:49)
```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters - WebDAV Server

QC Legacy ID: 247755, 248235

RTC ID: 310728

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 310047

Title: SFTP Put/Get reporting functionality present in build 5006 is missing in 5007 and 5008.

Description:

In Sterling B2B Integrator 5006, we made improvements in the reporting of the SFTP client PUT/GET services to include the file name and file size in the status report. The SFTP output was more detailed and included:

- <File name>/pgp/g4124129</File name>
- <File size>72227 bytes</File Size>

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 247025, 215742

RTC ID: 309867

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 317871

Title: CLOB not updating database for documents 8192 - 16384 bytes.

Description:

CLOB not updating database table when the primary document is within a certain size range (8192 - 16384 bytes). The file is getting truncated when it falls within the mentioned range.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 248123, 248862, 251140, 255660, 256842

RTC ID: 310378

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 195144

Title: User can still log in after the account is locked because of reaching ConsecFailedAttempts.

Description:

When login account is locked due to Consecutive Failed login attempts via dashboard the account is not locked. The account is still open for /ws (workspace) login and FTP.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 224885, 240998, 241000

RTC ID: 310475

Severity: Normal

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 208889

Title: GIS failed to start with Wait timeout errors after a SAN issue.

Description:

Problem with their SAN which caused all their servers to restart. When they tried to start GIS it failed to start with errors. It was later discovered that some of their external Oracle systems were down causing GIS to be unable to bind. Commenting out the external pools got them up until they could diagnose which pools were the culprit.

Error Message:

```
***** Wait Timeout Error Detected *****
Failed to detect Sterling Integrator Startup.
Check the display of si_exe.log above or look in the
system log files for possible error messages.
***** Wait Timeout Error Detected *****
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 228119, 240958

RTC ID: 310074

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 302976

Title: Threads stay active at OFTP step when there is high load on system.

Description:

During high load on the system, the OFTP step hits a thread deadlock in synchronization lock. It uses all queue threads in the queue that the OFTP BPs are running on.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 246668, 245293

RTC ID: 310472

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 255166

Title: B2B Mail Client Adapter cannot read email.

Description:

When a mailbox has a message that is in a SEEN state the B2B Mail Client adapter process skips over picking up and processing the message.

Additionally, a "no message is added to workflow to process" message is only generated if the 2750 messages in the mailbox have been viewed, or are marked for deletion.

When checking for SEEN for IMAP functionality, it will be set because getMessage changes the status to SEEN before the status can be checked. Before changes were made, the 'getMessages()' process was used which returns a list of message objects. This did not interrogate the contents in any way or change the flags.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Service and Adapter

QC Legacy ID: 243090, 215309, 251321, 247898

RTC ID: 312136

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 241950

Title: Active connections in Communications Sessions.

Description:

HTTP Sessions are remaining open even though users logged out of the MBI or have close the browser without logging out. Leaving these sessions opened causes issues with the HTTP Server Adapter and can eventually lead to OOMs because no more sessions can be opened.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 241950

RTC ID: 310478

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 253114

Title: Slow SFTP GET transfer times.

Description:

Slow transfer times with the SFTP Client Adapter when compared to OpenSSH command-line client.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 242588

RTC ID: 310375

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 282375

Title: FTP Client GET Service with CheckFileSize fails to obtain size.

Description:

FTP Get with CheckFileSize YES sporadically generates error L007154.pgp changed from 627 to -1 bytes.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 247729

RTC ID: 309939

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 289269

Title: HTTP Client Adapter not timing out for invalid RemotePort.

Description:

If either an incorrect host or incorrect port is defined within an http client business process the process will timeout. The timeout is based upon the perimeter services TCP/IP OS timeout and does not honor the timeout specified in either the http client adapter or the BPML.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 248056

RTC ID: 310619

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 248140

Title: SFTP file transfers hang when sending large files to WinSSHD SFTP server.

Description:

While testing the HF provided for QC 236608 and QC 244486, when setting performKeyExchange=false SFTP file transfers are hanging and partial files are sent when sending to WinSSHD SFTP Server versions 5.19, 5.20, and 5.23.

When the performKeyExchange=false parameter is set to "false", SFTP file transfers hang and partial files are sent when sending to WinSSHD SFTP Server versions 5.19.5.20, and 5.23.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 248140, 248139, 247944

RTC ID: 310605

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 292810

Title: Unable to change DocumentContentType in GetDocument Service.

Description:

Customer needs to change the DocumentContentType of a primary document to application/data with the GetDocumentInfoService. After the step SetContentType the DocumentContentType is still the original DocumentContentType(plain/text).

Error Message:

```
java.lang.ClassNotFoundException:
com.servename.datastore.messageprep.changedetectionload.
ChangeDetectionLoader
at java.net.URLClassLoader$1.run(URLClassLoader.java:200)
at java.security.AccessController.doPrivileged(Native Method)
at java.net.URLClassLoader.findClass(URLClassLoader.java:188)
at java.lang.ClassLoader.loadClass(ClassLoader.java:306)
at sun.misc.Launcher$AppClassLoader.loadClass(Launcher.java:268)
at java.lang.ClassLoader.loadClass(ClassLoader.java:251)
at java.lang.ClassLoader.loadClassInternal(ClassLoader.java:319)
at java.lang.Class.forName0(Native Method)
at java.lang.Class.forName(Class.java:164)
at com.servename.util.frame.cache.CacheManager.addCache (
CacheManager.java:431)
at com.servename.util.frame.cache.CacheManager.createCaches (
CacheManager.java:169)
at com.servename.util.frame.cache.CacheManager.initCacheManager(
CacheManager.java:111)
at com.servename.util.frame.cache.CacheManager.CacheManager.<clinit>
(CacheManager.java:97)
at com.servename.workflow.WorkFlowDef.getIDForName(WorkFlowDef.java:2017)
at com.servename.profile.ie.resource.bpdef.BPDefResource.exportResource(
BPDefResource.java:128)
at com.servename.profile.ie.resource.bpdef.BPDefExporter.exportResources(
BPDefExporter.java:97)
at com.servename.profile.ie.Export.generateXML(Export.java:667)
at com.servename.profile.ie.Export.main(Export.java:984)
```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Services and Adapters

QC Legacy ID: 244139, 244208, 244209, 248714

RTC ID: 310274

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 310504

Title: EERP stuck with Scheduled Status.

Description:

The EERP is not sent and stays in the OFTP queue with the status SCHEDULED and with the OBJECT_LOCK='L'. Even by changing manually the OBJECT_LOCK to ~U~ the EERP is not sent. Because EERP is not sent to TP, the TP is trying to send the file again. This error is raised when a timeout is raised during sending EERP.

Error Message:

```
[2011-05-25 15:46:50.438]
ERROR 000000000000 GLOBAL_SCOPE AHL_0detteFTP_V2.inbound.
AhlSell_To_Logica.1046 (15:46:50.438)
The method "" of class "unknown" has thrown the exception
"com.servername.services.oftp.fsm.usermon.DataAccessException".
The reason is :
Calculation of result status failed because there is a wrong
OFTP object status before send RECEIVED_AND_EERP_CREATED.
com.servername.services.oftp.fsm.usermon.
DataAccessException, Calculation of result status failed
because there is a wrong OFTP
object status before send RECEIVED_AND_EERP_CREATED
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Adapters

QC Legacy ID: 248348

RTC ID: 312103

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 226019

Title: OFTP2 SSID user field and SFID user field are not being populated in the Process data for all inbound communications.

Description:

The SSID user field and SFID user field are not being displayed in the Process Data at the receiving end.

Error Message:

Resolution:

Added the SSID_UserField and SFID_UserField param into the processdata. The values are picked up from: SSID_UserField is picked up from the Remote Partner Profile SFID_UserField is picked up from the Logical Partner Contract (inbound). If FILE and EERP, the process data contains both these parameters (if the values are provided). If NERP and SFID User field is not used, process data contains the SSID UserField.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Adapters

QC Legacy ID: 231627

RTC ID: 312095

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 00326330

Title: OFTP adapter stops answering after receiving 1 file.

Description:

Sterling B2B Integrator is not completely closing the IP Session. In OdetteFTP Log:(12:34:06.045) Transition TransitionIP_A5 delivers Event IP_DisconnectRequest within Session IP.13141f5ab610058 to Lower Layer in PE IP_PO_OFTP_IP_SERVER_ADAPTER_1 this leads into a close command in the PerimeterServer. But the Perimeter Server does not fully disconnect:12:34:06.045] DEBUG 000000000000 GLOBAL_SCOPE DataConduit[540881636] closing with code CloseCode.NOT_CLOSING. Sterling B2B Integrator does not hang up correctly and results in blocking new connections.

Error Message:

```
12:34:06.045]
DEBUG 000000000000 GLOBAL_SCOPE DataConduit
[540881636] closing with code CloseCode.NOT_CLOSING
```

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Adapters

QC Legacy ID: 254477

RTC ID: 184378

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 360227

Title: When retrieving a blob from database it sets the character encoding of the document to UTF-8.

Description:

Using either SELECT or CURSOR to get the BLOB back into Sterling B2B Integrator it creates a document called doc-1 which is working as designed but it assigns doc-1 a character encoding of UTF-8 in document table. Do not want doc-1 defined as UTF-8 but null.

Process Name: SEE_TEST_AB_ENCODING_ISSUE

Instance ID: 314013 Service Name: SEELightweightJDBCAdapter

Click the doc-1 link then document ID : Document ID:
930:646652:132448206f0:rh5si5ora11:node1

Select in the document table for all documents created for this workflow_id it shows:

```
SELECT DOC_ID , BODY_NAME , CHAR_ENCODING ,  
DOCUMENT_SIZE FROM DOCUMENT WHERE WORKFLOW_ID = 314013;
```

```
DOC_ID BODY_NAME CHAR_ENCODING DOCUMENT_SIZE  
836:646609:132448206f0:rh5si5ora11:node1 PKG_JOIN.sql null 23577  
682:646640:132448206f0:rh5si5ora11:node1 query_result UTF-8 145  
930:646652:132448206f0:rh5si5ora11:node1 doc-1 UTF-8 23577  
481:646651:132448206f0:rh5si5ora11:node1 query_result UTF-8 96
```

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Adapters - JDBC

QC Legacy ID: 255225

RTC ID: 303030

Severity: Critical

Type: NormalFix

Build: 5103

Case ID: 389741

Title: OdetteFTP issues "FileSendFailure: DataItem_0 not sent Unknown reason code."

Description:

Load tests on the system with a TP and in about 1 out of 10 cases the file that is given to the adapter in the BP is not sent to the partner. The adapter generates an error message.

Error Message:

DataItem_0 not sent Unknown reason code.
Looks like the Adapter was not able to find the
Entry for the file in the OFTP_OBJECT Table:
Line 22244:
[2012-01-09 18:47:37.424]
DEBUG 000000000000 GLOBAL_SCOPE PO_OFTP_IP_SERVER_ADAPTER_1.outbound.
PPC_PP_LOC_IP_POAE_POTEST-PP_REM_IP_ALCOR.1993587_0000 (18:47:33.258)
Verify if there are waiting FILES or EERPs or NERPs for PPC PPC_PP_LOC_
IP_POAE_POTEST-PP_REM_IP_ALCOR and Lock if possible.
Line 22245:
[2012-01-09 18:47:37.424]
DEBUG 000000000000 GLOBAL_SCOPE PO_OFTP_IP_SERVER_ADAPTER_1.
outbound.PPC_PP_LOC_IP_POAE_POTEST-PP_REM_IP_
ALCOR.1993587_0000 (18:47:33.379)
No FILE Item found for PhysicalPartnerContract
PPC_PP_LOC_IP_POAE_POTEST-PP_REM_IP_ALCOR.

Resolution:

In 5101, a parameter sessionTimeout was introduced. In 5103, another parameter was already present "OFTP.Global.PMTimeOut" Modifying the existing param and increasing the timeout value to 5 mins [OFTP.Global.PMTimeOut=300]. And the code to read this PMTimeOut is already present.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Adapters - OdetteFTP Adapter

QC Legacy ID: None

RTC ID: 311095

Severity: Critical

Type: NormalFix

Build: 5103

Case ID: 394200

Title: Visibility in OFTP: Insufficient information in OFTPResponse.

Description:

When the OdetteFTP adapter is used in direct mode to send one file it can also send more files that are waiting in the queue for that Partner. The OFTP Response Only does contain a status Success for each file but no information about file name, Originator, or Destination. This information is needed for the OFTPResponse to uniquely identify every file.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Adapters - OFTP

QC Legacy ID: None

RTC ID: 311094

Severity: Critical

Type: NormalFix

Build: 5103

Case ID: 382568

Title: IP Transport Header Check in OdetteFTP Adapter throws exception.

Description:

IP Transport Header Check in OdetteFTP Adapter throws exception. Each IP Transport Header is checked by the Odette FTP Adapter for its version in byte 0. The expected value is Hex "10". If it is not 0x10 then an Exception is thrown. You can see the exception in the stacktrace.

Error Message:

```
[2011-12-07 16:24:17.817]
DEBUG 000000000000 GLOBAL_SCOPEPO_OFTP_IP_SERVER_ADAPTER_1.
inbound.IP.134191fe0830089
(16:24:06.706)Transition TransitionIP_A7 delivers Event IP_
ConnectionResponse withinSession
IP.134191fe0830089 to Lower Layer in PEIP_PO_OFTP_IP_SERVER_
ADAPTER_1
[2011-12-07 16:24:17.817]
DEBUG 000000000000 GLOBAL_SCOPEPO_OFTP_IP_SERVER_ADAPTER_1.
inbound.IP.134191fe0830089
(16:24:06.706)Session IP.134191fe0830089: enter methodcom.servername.
services.oftp.comm.ip.driver.PerimeterConnector.handleConnectRSfor
handling of connection response
[2011-12-07 16:24:17.817]
DEBUG 000000000000 GLOBAL_SCOPEPO_OFTP_IP_SERVER_ADAPTER_1.
inbound.IP.134191fe0830089
(16:24:06.706)Transition TransitionIP_A3 delivers Event IP_
DataRequest within
SessionIP.134191fe0830089 to Lower Layer in PE IP_PO_OFTP_IP_
SERVER_ADAPTER_1
[2011-12-07 16:24:17.817]
DEBUG 000000000000 GLOBAL_SCOPEPO_OFTP_IP_SERVER_ADAPTER_1.
inbound.IP.134191fe0830089
(16:24:06.706)Queue send data in PerimeterChannel and call
controlConduit.wantsToSend
[2011-12-07 16:24:17.817]
DEBUG 000000000000 GLOBAL_SCOPEPO_OFTP_IP_SERVER_ADAPTER_1.
inbound.IP.134191fe0830089
(16:24:06.706)Putsend header and data into ByteBuffer.
Total 4+19 Bytes added
[2011-12-07 16:24:17.817]
DEBUG 000000000000 GLOBAL_SCOPEPO_OFTP_IP_SERVER_ADAPTER_
1.inbound.IP.134191fe0830089
(16:24:08.754)Receive data buffer from perimeter
[2011-12-07 16:24:17.817]
DEBUG 000000000000 GLOBAL_SCOPEPO_OFTP_IP_SERVER_ADAPTER_
1.inbound.IP.134191fe0830089
(16:24:08.754)Receive returned 4 bytes
[2011-12-07 16:24:17.817]
DEBUG 000000000000 GLOBAL_SCOPEPO_OFTP_IP_SERVER_ADAPTER_
1.inbound.IP.134191fe0830089
(16:24:08.754)Transition TransitionIP_A9 delivers Event IP_
DataPickUp within SessionIP.134191fe0830089
to Lower Layer in PE IP_PO_OFTP_IP_SERVER_ADAPTER_1
[2011-12-07 16:24:17.817]
DEBUG 000000000000 GLOBAL_SCOPEPO_OFTP_IP_SERVER_ADAPTER_
1.inbound.IP.134191fe0830089
(16:24:08.754)Receive check whether OFTP command is complete.
[2011-12-07 16:24:17.817]
ERROR 000000000000 GLOBAL_SCOPEPO_OFTP_IP_SERVER_ADAPTER_
1.inbound.IP.134191fe0830089
```

```

(16:24:08.756) Themethod "getContentSize" of class"com.
servername.services.
offtp.comm.ip.IPTools" has thrownthe exception "com.
servername.services.
offtp.comm.ip.driver.IPConnectException".
The reason is : Wrong IP transport headerversion..com.
servername.services.
offtp.comm.ip.driver.IPConnectException,Wrong IP transport
header version.
at com.servername.services.offtp.comm.ip.IPTools.
getContentSize(IPTools.java:142)
at com.servername.services.offtp.comm.ip.driver.
IPByteCollector.readCompletePacket(
IPByteCollector.java:145)
at com.servername.services.offtp.comm.ip.driver.
PerimeterChannel.getNextCommand(
PerimeterChannel.java:194)
at com.servername.services.offtp.comm.ip.driver.
PerimeterConnector.handleDataPickUp
(PerimeterConnector.java:639)
at com.servername.services.offtp.comm.ip.driver.
PerimeterConnector.transferEvent(
PerimeterConnector.java:721)
at com.servername.services.offtp.protocolEngine.
ProtocolEngine.sendEventToLowerDriver(
ProtocolEngine.java:174)
at com.servername.services.offtp.fsm.Transition.
deliverEvent(Transition.java:108)
at com.servername.services.offtp.comm.ip.transitions.
Transition_A9.switchTransition(
Transition_A9.java:65)
at com.servername.services.offtp.protocolEngine.
ProtocolEngineTask.run (
ProtocolEngineTask.java:139)
at EDU.oswego.cs.dl.util.concurrent.PooledExecutor$Worker.
run (Unknown Source)
at java.lang.Thread.run(Thread.java:619)
[2011-12-07 16:24:17.817]
ERROR 000000000000 GLOBAL_SCOPE_PO_OFTP_IP_SERVER_
ADAPTER_1.inbound.IP.134191fe0830089
(16:24:08.757)ProtocolEngineTask, method run(): A
TransitionException in the
transitionTransitionIP_A9 occurred: Wrong IP transport
header version.
[2011-12-07 16:24:17.817]
ERROR 000000000000 GLOBAL_SCOPEPO_OFTP_IP_SERVER_ADAPTER_
1.inbound.IP.134191fe0830089
(16:24:08.757) Themethod "getContentSize" of class"com.
servername.services.
offtp.comm.ip.IPTools" has thrown the exception "com.
servername.services.offtp.
fsm.TransitionException".
Thereason is : Wrong IP transport headerversion..com.
servername.services.offtp.
fsm.TransitionException,Wrong IP transport header version.
at com.servername.services.offtp.comm.ip.IPTools.
getContentSize(IPTools.java:142)
at com.servername.services.offtp.comm.ip.driver.
IPByteCollector.readCompletePacket(
IPByteCollector.java:145)
at com.servername.services.offtp.comm.ip.driver.
PerimeterChannel.getNextCommand(
PerimeterChannel.java:194)
at com.servername.services.offtp.comm.ip.driver.
PerimeterConnector.handleDataPickUp(
PerimeterConnector.java:639)
at com.servername.services.offtp.comm.ip.driver.
PerimeterConnector.transferEvent(
PerimeterConnector.java:721)
at com.servername.services.offtp.protocolEngine.
ProtocolEngine.sendEventToLowerDriver(
ProtocolEngine.java:174)
at com.servername.services.offtp.fsm.Transition.
deliverEvent(Transition.java:108)
at com.servername.services.offtp.comm.ip.transitions.
Transition_A9.switchTransition(
Transition_A9.java:65)
at com.servername.services.offtp.protocolEngine.
ProtocolEngineTask.run(
ProtocolEngineTask.java:139)

```

```
at EDU.oswego.cs.dl.util.concurrent.PooledExecutor$Worker.  
run (Unknown Source)  
at java.lang.Thread.run(Thread.java:619)  
Source Code (Check):public static int getContentSize  
(byte[] header)  
throws IOException { if (header[0] != 0x10)
```

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Service and Adapter

QC Legacy ID: 258569

RTC ID: 310771

Severity: Critical

Type: NormalFix

Build: 5103

Case ID: 382567

Title: Insufficient synchronization (locking) in OFTP Partner Databases Access.

Description:

Thread Deadlock under high load Reason: Insufficient synchronization (locking) in OFTP Partner Databases Access class (OFTPTableProxyClass)Symptom (OdetteFTP log): Outbound connections cannot be established. Observed Thread deadlocks under high load which are caused by IllegalMonitorStateException during partner DB access to Logical Partner Contract.

Error Message:

```
[2011-12-09 17:12:05.414]  
ERROR 000000000000 GLOBAL_SCOPE PO_OFTP_IP_SERVER_ADAPTER_  
1.outbound.PPC_PP_LOC_IP_POAE_  
POTEST-PP_REM_IP_ALCOR.505754_0000 (17:12:03.960)  
An Exception occurred in com.servename.services.oftp.  
OftpServerImpl.sendDataSet.  
The reason is : java.lang.IllegalMonitorStateException :  
null, java.lang.IllegalMonitorStateException  
at java.lang.Object.notifyAll(Native Method)△  
at com.servename.services.oftp.partner.db.PPPProfile.  
releaseLock(PPPProfile.java:871)△  
at com.servename.services.oftp.partner.db.PPIteration.  
getIterationByKeyAndTypeOptIdx(PPIteration.java:503)  
△at com.servename.services.oftp.partner.db.PPPhysicalPartnerIP.  
getPhysicalPartnerIPByName(PPPhysicalPartnerIP.java:463)  
at com.servename.services.oftp.partner.db.PPPhysicalPartner.  
makePhysicalPartnerFieldSettings(PPPhysicalPartner.java:855)  
at com.servename.services.oftp.partner.db.PPPhysicalPartner.  
getPhysicalPartnerByName(PPPhysicalPartner.java:774)△  
at com.servename.services.oftp.partner.db.PPPhysicalPartner.  
getPhysicalPartnerByName(PPPhysicalPartner.java:722)△  
at com.servename.services.oftp.partner.db.PPPhysicalPartnerContract.  
getPhysicalPartnerContractByName(PPPhysicalPartnerContract.java:773)  
at com.servename.services.oftp.partner.db.PPLogicalPartnerContract.  
getLogicalPartnerContractByName(PPLogicalPartnerContract.java:644)  
at com.servename.services.oftp.partner.db.PPLogicalPartnerContract.  
getLogicalPartnerContractByName(PPLogicalPartnerContract.java:573)  
at com.servename.services.oftp.partner.PartnerParameter.  
getLogicalPartnerContractByName(PartnerParameter.java:153)  
at com.servename.services.oftp.OftpServerImpl.sendDataSet(  
OftpServerImpl.java:296)△
```

```
at sun.reflect.GeneratedMethodAccessor246.invoke(Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(
DelegatingMethodAccessorImpl.java:25)△
at java.lang.reflect.Method.invoke(Method.java:597)
at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:305)
at sun.rmi.transport.Transport$1.run(Transport.java:159)
at java.security.AccessController.doPrivileged(Native Method)
at sun.rmi.transport.Transport.serviceCall(Transport.java:155)
at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:535)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run0(
TCPTransport.java:790)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(
TCPTransport.java:649)
at java.util.concurrent.ThreadPoolExecutor$Worker.runTask(
ThreadPoolExecutor.java:886)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(
ThreadPoolExecutor.java:908)
at java.lang.Thread.run(Thread.java:619)
```

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Service and Adapter

QC Legacy ID: 258571

RTC ID: 310773

Severity: Critical

Type: NormalFix

Build: 5103

Case ID: 388742

Title: Memory leak with OFTP2 system on version 5.1.

Description:

The memory kept increasing and was not getting released. They were doing a performance test on the system transferring around 600 OFTP transfers per day which is what they expected to be able to do.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Service and Adapter

QC Legacy ID: 259359

RTC ID: 314270

Severity: Critical

Type: NormalFix

Build: 5103

Case ID: 318287

Title: FTP/SFTP Resume leaves the document in a corrupted state.

Description:

Records in DOCUMENT (No link to trans_data), DOCUMENT_NURSERY (link to document), DOCUMENT_LIFESPAN (10-year lifespan value and link to document), TRANS_DATA, BLOB_TRACK (link to trans_data). When purge ran it deleted TRANS_DATA and BLOB_TRACK as there is no reference from document to trans_data that left behind all the DOCUMENT-related records. The TRANS_DATA and BLOB_TRACK are both deleted leaving the DOCUMENT and DOCUMENT_NURSERY and the file transfer cannot be restarted without TRANS_DATA information.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Service and Adapter

QC Legacy ID: 259424

RTC ID: 318287

Severity: Critical

Type: NormalFix

Build: 5103

Case ID: 322064

Title: NumberFormatException when sending large number of files using OFTP.

Description:

NumberFormatException when sending large number of files using OFTP. The transfer indicates 1000 1 KB files using oftpout business process. Some of the file transfers (three to five transfers) fail with number format exception.

Error Message:

```
Exception occurred in
com.servename.services.oftp.OftpServerImpl.sendDataSet.
The reason is : java.lang.NumberFormatException :
multiple points, java.lang.NumberFormatException: multiple points
at sun.misc.FloatingDecimal.readJavaFormatString(
FloatingDecimal.java:1084)
at java.lang.Double.parseDouble(Double.java:510)
at java.text.DigitList.getDouble(DigitList.java:151)
at java.text.DecimalFormat.parse(DecimalFormat.java:1303)
at java.text.SimpleDateFormat.subParse(SimpleDateFormat.java:1934)
at java.text.SimpleDateFormat.parse(SimpleDateFormat.java:1312)
```

```
at java.text.DateFormat.parse(DateFormat.java:335)
at com.servename.services.oftp.fsm.usermon.
  OFTPTransferObjectDescription.getDateForDateAndTime(
  OFTPTransferObjectDescription.java:151)
```

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Service and Adapter

QC Legacy ID: None

RTC ID: 322064

Severity: Critical

Type: NormalFix

Build: 5103

Case ID: 321167

Title: Extra EERP's are received when transferring a large number of 1 kb files using OFTP

Description:

Extra EERP's when sending large number of files using OFTP. The transfer indicates 1000 1 KB files using oftpout business process. 1020 EERP's are received instead of 1000.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Service and Adapter

QC Legacy ID: None

RTC ID: 321167

Severity: Critical

Type: NormalFix

Build: 5103

Standards

Case ID: 00322627

Title: Translation Service error when Validate_Input/Output both set to NO.

Description:

Validate_Output= NO does not work in translation service when output format is XML when used in 4323, 4324, 5101.

Error Message:

Error in AE

Resolution:

Fixed the translator so that it generates this error if the validation flags are set to yes.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 249432

RTC ID: 183707

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 00352645

Title: When X12DeEnvelope Fails on 5.1 - 5102 the BP is stuck in Active status.

Description:

The X12DeEnvelope service failed on Advanced Status Error in AE with the following status report: ActivityEngine - persistWFCErrInfo Exception caughtcom.microsoft.sqlserver.jdbc.SQLServerException: Cannot insert the value NULL into column 'ASSOCIATED_DOC_ID', table 'SI51_RMASON.dbo.EDI_COMPLIANCE_RPT'; column does not allow nulls. INSERT fails. Nothing is written into process data.

The error is generated because of a null character after segment delimiter. The onFault does not get executed because x12develope service sees the null character and fails before anything is placed in process data. The error message needs to be placed in process data so that onFault can be executed.

Error Message:

Error in AE

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 254444

RTC ID: 184375

Severity: Critical

Type: NormalFix

Build: 5103

Case ID: 136526

Title: Unable to edit a codelist to change a Sender or Receiver ID to a value that is already in the DB.

Description:

Editing a codelist to change a Sender or Receiver ID to a value that is already in the DB generates an error. The error instructs the user to try again with unique codes.

Error Message:

```
Update Failed
One of the code is already in the list
Please try again with unique codes
```

Resolution:

Workaround: Deleting then adding the entry again resolves the problem.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 212064, 241980, 242002

RTC ID: 310032

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 144322

Title: EDIDevelope misinterprets certain strings within CII data as VDA records.

Description:

When EDIDevelope runs on CII Message data containing the strings: '511519', '711719' or '911919', VDADevelope is called and throws an error.

Error Message:

```
java.lang.ArrayIndexOutOfBoundsException: 3
```

Resolution:

Workaround: Comment out "VDA enveloping types" from the enveloping.properties file.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 213760

RTC ID: 310064

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 260331

Title: HIPAA 999 Transactions are missing AK103, AK203, and IK3 Segment values.

Description:

Sterling B2B Integrator generated outbound HIPAA 999 transactions are missing:

- AK103
- AK203
- IK3 segment

Error Message:

```
Code: 180 HIPAA Validation Error
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 238019, 244468

RTC ID: 310571

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 265106

Title: Errors in Translation occur when there are multiple ISA with the same element and record delimiters.

Description:

When a syntax record is used on a map within a translation service and the file contains multiple interchanges; the syntax record is not reinvoked for the subsequent documents.

The translator should use the syntax record every time the map is reinvoked, if it is present. If the syntax record is not present, it should retain the delimiters from the previous iteration.

A segment terminator of the first interchange can be an element separator for the next interchange, which causes the problem.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 239153

RTC ID: 310281

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 263642

Title: DocumentExtraction business process occasionally throws a NullPointerException when dealing with a null unmatchedBlock.

Description:

The DocumentExtraction business process occasionally throws a NullPointerException when dealing with a null unmatchedBlock.

The way translation streams the input data might leave a single byte. Translation stream that leave a single byte could be interpreted by the translator as an

unmatched block that has no data. If the service queries the content of this unmatched block, it receives a null in return which throws the exception.

Error Message:

```
[2011-01-20 14:40:52.893]
ERROR 000110070158 WORKFLOW.ACTIVITY_ENGINE.
    ERR_ActivityEngineHelper_invokeService21 execute
service DocumentExtractionService
[2011-01-20 14:40:52.893]
ERROR 000000000000 GLOBAL_SCOPE [1295556052893] null
[2011-01-20 14:40:52.893]
ERRORDTL 000000000000 GLOBAL_SCOPE
[1295556052893]java.lang.NullPointerException
at com.servename.services.documentextraction.DocumentExtractionService.
processData(
at com.servename.workflow.activity.engine.ActivityEngineHelper.
invokeService(ActivityEngineHelper.
at com.servename.workflow.activity.engine.ActivityEngineHelper.
nextMainLogic(ActivityEngineHelper.
at com.servename.workflow.activity.engine.ActivityEngineHelper.
next(ActivityEngineHelper.
at com.servename.workflow.queue.WorkFlowQueueListener.doWork
(WorkFlowQueueListener.
at com.servename.workflow.queue.WorkFlowQueueListener.run
(WorkFlowQueueListener.java:
at com.servename.workflow.queue.WorkFlowQueueListener.onMessage
(WorkFlowQueueListener.
at com.servename.workflow.queue.WorkFlowQueueListener.onMessage
(WorkFlowQueueListener.
at com.servename.workflow.queue.wfTransporter.run
(wfTransporter.java:355)
at com.servename.workflow.queue.BasicExecutor$Worker.run
(BasicExecutor.java:517)
at java.lang.Thread.run(Thread.java:810)
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 239204, 239167

RTC ID: 310273

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 291348

Title: Perform Duplicate Control # check missing for VDA Envelopes.

Description:

For Inbound VDA Envelopes, the screen with "Perform Duplicate Control Number Check" is missing.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 243484

RTC ID: 310043

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 267250

Title: EDI Envelope running on a schedule in Deferred mode sometimes envelopes the same data twice.

Description:

EDI Envelope running on a schedule in Deferred mode sometimes envelopes the same data twice. If one Deferred Enveloping service is running, a second one can start and envelope the same data.

Error Message:

None

Resolution:

The signature to setServiceLockEDISpecial removed the timeout of the lock and defaulted it to 2 minutes. New signature added and it is also added to the enveloping area to pass in the default value of 24 hours allowing the documented parameters to work correctly.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 244146, 245203

RTC ID: 312101, 318282

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 266537

Title: 999 - Syntax error on IK04.

Description:

When reporting a missing data element the IK4 segment ends with the element delimiter '*'. This is not a legal construct.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 244214

RTC ID: 310060

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 267215

Title: Precision loss occurs during mapping of R type fields.

Description:

Converting a number that is R17 to a string using the NTOA extended rule function causes loss of precision after the ninth decimal place. For example: .1234567890123456 becomes .123456789 and .1234567886123456 also becomes .123456789

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 244673

RTC ID: 310275

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 285289

Title: Processing 12 MB and larger TRADACOMS data through EDI DeEnvelope service prevents translation.

Description:

Processing 12 MB and larger TRADACOMS data through EDI DeEnvelope service prevents translation.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 244690, 244804, 244991

RTC ID: 310276

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 226322

Title: CSV formatted report missing field for inbound EDIFACT traffic.

Description:

In the EDI Translation Report (by Interchange), lines for inbound EDIFACT traffic are missing the # of groups field. The PDF-formatted report, this column is also blank.

Instead of the field missing, a blank field (,) should be inserted.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 231845, 243375

RTC ID: 310065

Severity: Normal

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 276422

Title: HIPAA 835 004010X091A1 compliance map should throw an error when CAS01=CR, CLP02 is not = 22.

Description:

Using the 005010X220_834.mxl HIPAA compliance map, receiving false errors when the N4 04 (#0026) is missing. Per the HIPAA standards for the 834 document in version 005010 the 2100C Mailing address loop could contain a N4 segment. In the N4 segment, the fourth element is the country code and is listed as situational.

The compliance rule was corrected to not give the stated error when the country code (situational) is missing.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 241204, 242346

RTC ID: 310066

Severity: Normal

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 342567

Title: SWIFT message reports translator error 933.

Description:

Incorrect validation Error 933 on tag 61 of inbound MT 942 FIN message using default MT942 map from Swift Standards 2010. Message fails in the "." in subfield 7; however, it is acceptable according to Swift Standards.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 252136, 252709, 252711

RTC ID: 310269

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 251082

Title: Parameters are not being passed from the system BP EDIFACTEnvelopeUnified to the child BP when the "Extract to a mailbox option" is selected in the envelope.

Description:

If an envelope is set for the option to Extract to a mailbox and the associated parameters filled out for mailbox extraction, these parameters are written to *ProcessData* in the **EDIFACTEnvelopeUnified** process. But when the **EDIOutboundMailboxExtraction** BP is called the parameters are not passed to the child BP. Therefore the child BP errors.

Error Message:

```
ERROR MailboxAddService
- Caught exception of type
[com.servername.mailbox.MissingParameterException]
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 251082, 249286

RTC ID: 310055

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 329256

Title: Deenvelope fails with a java.lang.ClassCastException error.

Description:

Deenvelope fails with a class cast exception error when processing an interchange with multiple transactions and the map specified in the ST envelope outputs to a DB. The first document in the interchange is processed successfully and inserted into the DB. The service then fails and the subsequent documents are not processed.

Error Message:

java.lang.ClassCastException: com.servername.workflow.DocumentOutputStream cannot

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 249971, 249607, 249972, 249906, 251337

RTC ID: 310054

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 284609

Title: No parameter for X12 subprocess.

Description:

Parameters are not being passed from the system BP X12EnvelopeUnified to the child business process when the "Extract to a mailbox option" is selected in the envelope. If an envelope is set for the option to "Extract to a mailbox" and the associated parameters filled out for mailbox extraction, these parameters are written to ProcessData in the X12EnvelopeUnified process. But when the EDIOutboundMailboxExtraction business process is called the parameters are not passed to the child business process and the child business process errors. In ProcessData for the X12EnvelopeUnified process, you can see in the mailbox or file system nodes are generated according to the settings in the envelope. But if you review the child process and examine ProcessData at step one, there is only the Primary document and none of the mailbox/file system nodes are passed to the child process.

Error Message:

[Required Parameter MailboxPath Missing]

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards Clump

QC Legacy ID: 243325

RTC ID: 310057

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 00273119

Title: 5009 java.lang.ArrayIndexOutOfBoundsException is thrown in translating.

Description:

Accumulators are not being saved (or not saved correctly) in some maps.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 240961

RTC ID: 310284

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 00258031

Title: 837P file is failing compliance in the 5010 map.

Description:

HIPAA compliance map HIPAA_005010X222_837.map has at least 2 NTE segments with the incorrect keyfield codelist selected. NTE:14 and NTE:6 have codelist 0363NTE2300-NOTE REFERENCE CODE selected. They both should have 03632300-Derived from X/005010X222/0/.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 242759

RTC ID: 310333

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 254193

Title: CIIDevelope throws errors when called via EDIDevelope, but seems OK when called directly.

Description:

EDIInterchangeExtractor throws an exception if the input file it consumes contains data which is recognized as a valid tag (like ISA, UNB).

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 237462, 258121

RTC ID: 310570

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 274490

Title: Code: 691 Unrecognized XML element.

Description:

Product functionality was changed in 4318 to make Code: 691 Unrecognized XML Element to be a warning rather than an error. Customer upgraded to 4323 and is now receiving unexpected errors. Parameter should be added to switch between error or warning.

Error Message:

Code: 691 Unrecognized XML Element

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards Clump

QC Legacy ID: 242817

RTC ID: 310051

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 321797

Title: ODETTE version 003 DELINS message does not translate correctly.

Description:

ODETTE Version 003 DELINS message contains FTX:2 segment, the segment is processed as though it is an FTX segment in the 0110_ARD group.

Error Message:

None

Resolution:

The fix is a new checkbox in the Map Details screen (Edit->Details menu) for "Allow group parsing shortcuts during translation".

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 248834

RTC ID: 312127

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 90396,999,000

Title: Processing Outbound EDI Documents.

Description:

SQL maps pulling from the database do not process all of the rows returned from the query, when the map has to be invoked more than once.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 257281

RTC ID: 312108

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 237835

Title: EDIINTMDNBuild error Size 110686590 for body exceeds maximum size of 10240000.

Description:

When a 10 MB or larger file is sent the MailBoxAS2Add or AS2Extract fails for the EDIINTMDNBuild service with an error.

Error Message:

Size 110686590 for body exceeds maximum size of 10240000

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards - EDIINT

QC Legacy ID: 236683

RTC ID: 180366

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 311493

Title: Error is thrown when we choose "Details" of the map on Map Editor(JP).

Description:

There is an error when we navigate to Edit > Details in the Map Editor(JP) which translated from Japanese means "We ran an unsupported operation". The error is seen in the Japanese, Spanish, and French versions of Map editors. There is no error for the English version.

Error Message:

We ran an unsupported operation

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Standards

QC Legacy ID: 246361

RTC ID: 182621

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Trading Partner Profiles

Case ID: 212057

Title: An edit of the protocol for an AFT/Sterling File Gateway partner alters the community join date/time to the time of the edit.

Description:

When editing the protocol field for an AFT/SFG partner the community join date/time for that partner is overwritten by the time of the edit.

Error Message:

None

Resolution:

Import of partner preserves <DATE_JOINED>; xml element instead of ignoring and using current date/time.

Edit of partner "protocol" info, preserves joined date time and not use current. Making it consistent with partner edit of "Contact" info and "User Account" info which already preserves the date.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Trading Partner Profiles

QC Legacy ID: 231701

RTC ID: 310538

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 183255

Title: Deleted Sterling File Gateway partner's mailboxes still show within Sterling B2B Integrator.

Description:

SFG does not delete the consumer partner's mailboxes that are generated by Sterling File Gateway after setting up a Routing Channel. The mailboxes were not created when the Consumer partner was created. They were created when the

routing channel was defined. Normally, when a Sterling File Gateway partner is deleted, its related mailboxes are also deleted.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Trading Partner Profiles

QC Legacy ID: 236597, 202471, 207720

RTC ID: 310091

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 335030

Title: Not able to select certificates above 150 in Document Exchange SMIME Signing User Certificate setting.

Description:

Sterling B2B Integrator 5.0 limits the selection of signing certificates in the Document Exchange to the first 150 certificates. There is no way to select signing certificates above 150.

Error Message:

None

Resolution:

Apply C Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Trading Partner Profiles

QC Legacy ID: 251010, 252094

RTC ID: 310021

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 252343

Title: ProfileProxy.updateProfile causes deadlock.

Description:

Deadlock issue caused by changes made to the ProfileProxy class. ProfileProxy cascades updates to the contract object if the value of the isactive flag is a match for a checked value.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Trading Partner Profiles

QC Legacy ID: 252343

RTC ID: 310734

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 252451

Title: Duplicate AS2 Identifier setup not detected when using AS2 wizard to create an AS2 partner.

Description:

Currently, there is no duplicate checking done on an AS2 partner Identifier when creating an AS2 partner using the AS2 wizard. Users are allowed via the AS2 wizard to create multiple AS2 partners with the same AS2 Identifier having different partner names or Trading Partner Identities, the same AS2 identifier, and all other AS2 settings the same.

Since two AS2 trading partner Identities use the same AS2 identifier and are associated with the same Organization Profile this creates issues in AS2 communications for both inbound and outbound transactions.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Trading Partner Profiles

QC Legacy ID: 237610, 241776

RTC ID: 310709, 312099

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Users/Groups/Data Security

Case ID: 292102

Title: Password for an active account could be set to the same value as the account name.

Description:

User account password could be set to the same as the user login name.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Users/Groups/Data Security

QC Legacy ID: 243471, 244383, 244675, 244676

RTC ID: 310719

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 90158,999,000

Title: ORA-00001: unique constraint (MFTMGR.YFS_RESOURCE_PERMISSION_I1) violated.

Description:

Unnecessary error messages are generated on startup. The keys being generated are padded. By default, at startup time, we remove, then add the perms. The remove attempt does not find the padded keys so it does not remove them. The attempt to add the same key back in fails and the error message is generated.

Error Message:

ORA-00001: unique constraint (MFTMGR.YFS_RESOURCE_PERMISSION_I1)violated

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Users/Groups/Data Security

QC Legacy ID: 249907

RTC ID: 312134

Severity: Normal

Type: NormalFix

Build: 5009, 5103

User Interface (UI)

Case ID: 00289547

Title: Deployment >Services >Configuration >List >All >"Go!" UI is slow from node1 when node2 of cluster is shut down (and OS of node2 is also down).

Description:

Installed the hotfix to 5101 environments (2 node cluster). The application UI successfully comes up immediately now even if the other node box is shut down. But, the Deployment> Services screen is slow.

Error Message:

None

Resolution:

The call timed out in 60 seconds and the control thread did not write an error response back to the UI client. Fixed the code by checking target node status before issuing an ops call, send back error message if node is not available.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: UI

QC Legacy ID: 243113, 243300, 243464

RTC ID: 181506

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 00321692

Title: MBI Extract/View not working with foreign character file names.

Description:

MBI extract unsuccessful for a message with Japanese chars in message name.

Error Message:

None

Resolution:

The file name is now displayed correctly in the File Download dialog box, the PrimaryDocument for MBExtract business process, and the file name of the saved from File Download dialog box.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: UI

QC Legacy ID: 248775, 240488, 244067, 202239

RTC ID: 183520

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 00347699

Title: SAP Route-XREF is not allowing edit, delete, and sort.

Description:

Sort based on Route Name is not working for SAP Route-XREF records in the Deployment>Adapter Utilities>SAP Route-XRef Page. There is no option to sort based on Envelope Name in SAP Routes cross-reference.

Error Message:

None

Resolution:

Insertion order was not being maintained so the UI does not contain the expected results. Replaced HashSet with LinkedHashSet to maintain the insertion order and resolve the UI issues.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: UI

QC Legacy ID: 255491, 257936

RTC ID: 184483

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 248142

Title: SSL Port unavailability causes UI to be inaccessible.

Description:

Accessing the Dashboard or WS after a fresh install of the SI product generates a 404 error.

The issue occurs if the Key Manager factory is not installed properly, which prevents the SSL port (base port + 1) from being bound during the startup of the application. The inability to bind the SSL port causes the Dashboard and WS to be inaccessible, even if the SSL port is not being used to access the UI.

Error Message:

404

Resolution:

Port check added for HTTPS

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: UI

QC Legacy ID: 236031, 242760

RTC ID: 310711, 310703

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 243904

Title: When invoking the Performance Tuning Wizard on iSeries Sterling B2B Integrator 5.0 a processing error is displayed.

Description:

When invoking the Performance Tuning Wizard on iSeries Sterling B2B Integrator 5.0 a processing error is displayed.

Error Message:

Processing error has occurred.
Please contact system administrator and check system logs for more details.java.lang.NullPointerException

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: UI

QC Legacy ID: 239157, 240177, 240179, 255654, 256833

RTC ID: 310481

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 259975

Title: Central Search UI generates an error after insertion of date.

Description:

If the date format is set to mm/tt/uuuu from within the date search options in the Central Search UI, an error will be thrown after inserting the date.

Error Message:

Generated from the UI:

System encountered an error while processing your request.
Please try again or contact your administrator

Generated in the logs:

```
ERROR 000000000000
GLOBAL_SCOPE [XFormTransformer].transform: get an Exception
ERROR 000000000000
GLOBAL_SCOPE [1294209729358] Illegal pattern character 't'
ERRORDTL 000000000000
GLOBAL_SCOPE [1294209729358]java.lang.IllegalArgumentException:
Illegal pattern
at java.text.SimpleDateFormat.compile(SimpleDateFormat.java:769)
at java.text.SimpleDateFormat.initialize(SimpleDateFormat.java:576)
at java.text.SimpleDateFormat.<init>(SimpleDateFormat.java:501)
```



```
at com.servername.cs.ui.servlet.CentralSearch$CentralSearchAuxProcessor.  
process(CentralSearch.  
at com.servername.webx.xforms.om.Model.processAuxiliary(Model.java:318)  
at com.servername.webx.xforms.om.XFormDocument.computeBindingExpressions  
(XFormDocument.  
at com.servername.webx.xforms.RequestInterpreter.processRequest  
(RequestInterpreter.  
at com.servername.webx.xforms.XFormsProcessor.bind(XFormsProcessor.java:516)  
at com.servername.cs.common.transformer.XFormTransformer.transform  
(XFormTransformer.  
at com.servername.cs.ui.servlet.CentralSearch.doPost  
(CentralSearch.java:287)
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: UI

QC Legacy ID: 241588

RTC ID: 310361

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 302208

Title: Editing a schedule and creating multiple exclusions generates an ORA error.

Description:

When editing a Schedule that has more than five exclusions set, an error is logged to the visibility.log.

The error occurs when the Schedule with the exclusions is edited. Creating the schedule works correctly. The issue appears to be that the code is attempting to INSERT a value into the column ACTION_VALUE that is too long for the definition.

This error does not appear when creating the schedule. When the schedule itself is created, the ACTION_VALUE is set to the name of the business process being scheduled, which prevents the overflow of the field.

The error does not prevent the saving of the edited schedule. It appears to affect the saving of the audit record.

Error Message:

```
[2011-05-18 12:03:13.914]  
ERROR 000000000000 GLOBAL_SCOPE DmiVisEventWarehouseQueue.Worker.  
executeStatementsAsExecutor SQL Error Code: 12899 SQL State: 72000  
java.sql.SQLException: ORA-12899: value too large for column  
"LIBERTY50"."ADMIN_AUDIT"."ACTION_VALUE"  
at oracle.jdbc.driver.DatabaseError.throwSQLException  
(DatabaseError.java:112)  
at oracle.jdbc.driver.T4CTTIoer.processError(T4CTTIoer.java:331)  
at oracle.jdbc.driver.T4CTTIoer.processError(T4CTTIoer.java:288)
```

```
at oracle.jdbc.driver.T4C80a11.receive(T4C80a11.java:743)
at oracle.jdbc.driver.T4CPreparedStatement.do0a118
(T4CPreparedStatement.java:216)
at oracle.jdbc.driver.T4CPreparedStatement.executeForRows
(T4CPreparedStatement.java:955)
at oracle.jdbc.driver.OracleStatement.doExecuteWithTimeout
(OracleStatement.java:1168)
at oracle.jdbc.driver.OraclePreparedStatement.executeInternal
(OraclePreparedStatement.java:3316)
at oracle.jdbc.driver.OraclePreparedStatement.execute
(OraclePreparedStatement.java:3422)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke
(NativeMethodAccessorImpl.java:39)
at sun.reflect.DelegatingMethodAccessorImpl.invoke
(DelegatingMethodAccessorImpl.java:25)
at java.lang.reflect.Method.invoke(Method.java:585)
at com.servename.mailbox.db.SQLWrapper.forwardMethod
(SQLWrapper.java:62)
at com.servename.mailbox.db.StatementWrapper.invoke
(StatementWrapper.java:144)
at $Proxy7.execute(Unknown Source)
at com.servename.dmi.visibility.db.DmiVisEventWarehouseQueue$1.body
(DmiVisEventWarehouseQueue.)
at com.servename.mailbox.db.DatabaseOperation._runInTransaction
(DatabaseOperation.java:
at com.servename.mailbox.db.DatabaseOperation.runInTransaction
(DatabaseOperation.)
at com.servename.dmi.visibility.db.DmiVisEventWarehouseQueue.
executeStatementsAsExecutor(
at com.servename.dmi.visibility.db.DmiVisEventWarehouseQueue.run
(DmiVisEventWarehouseQueue.)
at java.lang.Thread.run(Thread.java:595)
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: UI

QC Legacy ID: 245988

RTC ID: 310722

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 308151

Title: It is troublesome to maintain code lists with just spaces in a text field

Description:

It is hard to maintain code lists with just spaces in a text field. When editing the list spaces have to be reentered each time.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: UI

QC Legacy ID: 246255

RTC ID: 310723

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 319278

Title: RCA for error java.sql.SQLException: ORA-00001: unique constraint (PROD_SI_USR1.ACT_NON_XFER_PK) violated.

Description:

Customer is receiving multiple exceptions in DmiVisEventWarehouseQueue with the reason ORA-00001: unique constraint (PROD_SI_USR1.ACT_NON_XFER_PK) violated.

Error Message:

```
[2011-06-09 09:27:50.925]
ERROR 000000000000 GLOBAL_SCOPE DmiVisEventWarehouseQueue.
Worker.executeStatementsAsExecutor
[2011-06-09 09:27:50.925]
ERROR 000000000000 GLOBAL_SCOPE
[1307604470925] ORA-00001: unique constraint
[2011-06-09 09:27:50.926]
ERRORDTL 000000000000 GLOBAL_SCOPE
[1307604470925]java.sql.SQLException: ORA-
at oracle.jdbc.driver.DatabaseError.throwSQLException
(DatabaseError.java:112)
at oracle.jdbc.driver.T4CTTIoer.processError(T4CTTIoer.java:331)
at oracle.jdbc.driver.T4CTTIoer.processError(T4CTTIoer.java:288)
at oracle.jdbc.driver.T4C80a11.receive(T4C80a11.java:745)
at oracle.jdbc.driver.T4CPreparedStatement.do0a118
(T4CPreparedStatement.java:219)
at oracle.jdbc.driver.T4CPreparedStatement.executeForRows
(T4CPreparedStatement.java:970)
at oracle.jdbc.driver.OracleStatement.doExecuteWithTimeout
(OracleStatement.java:1190)
at oracle.jdbc.driver.OraclePreparedStatement.executeInternal
(OraclePreparedStatement.java:3370)
at oracle.jdbc.driver.OraclePreparedStatement.execute
(OraclePreparedStatement.java:3476)
at sun.reflect.GeneratedMethodAccessor143.invoke(Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke
(DelegatingMethodAccessorImpl.java:25)
at java.lang.reflect.Method.invoke(Method.java:597)
at com.servename.mailbox.db.SQLWrapper.forwardMethod(
SQLWrapper.java:62)
at com.servename.mailbox.db.StatementWrapper.invoke(
StatementWrapper.java:144)
at $Proxy7.execute(Unknown Source)
at com.servename.dmi.visibility.db.DmiVisEventWarehouseQueue$1.body
(DmiVisEventWarehouseQueue.
at com.servename.mailbox.db.DatabaseOperation._runInTransaction
(DatabaseOperation.
at com.servename.mailbox.db.DatabaseOperation.runInTransaction
(DatabaseOperation.
at com.servename.dmi.visibility.db.DmiVisEventWarehouseQueue.
```

```
executeStatementsAsExecutor(  
at com.servername.dmi.visibility.db.DmiVisEventWarehouseQueue.  
run(DmiVisEventWarehouseQueue.  
at java.lang.Thread.run(Thread.java:619)  
[2011-06-09 09:27:50.926]  
ERROR 000000000000 GLOBAL_SCOPE DmiVisEventWarehouseQueue.  
Worker.executeStatementsAsExecutor SQL Error Code: 1 SQL State: 23000  
java.sql.SQLException: ORA-00001: unique constraint (PROD_SI_USR1.ACT_NON_XFER_PK) violated
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: UI

QC Legacy ID: 248628

RTC ID: 309899

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 217173

Title: UI Code List screen changes characters to their HTML character entity references.

Description:

When editing a Code List, in some circumstances, the UI is changing the value of certain characters to their HTML value, which then causes the edit to fail with a `NullPointerException` to the screen and another set of errors written to the `ui.log`.

Error Message:

User Interface Error:

```
Processing error has occurred.  
Please contact system administrator and  
check system logs for more details.  
java.lang.NullPointerException
```

ui.log Error:

```
[2010-08-30 10:53:05.178]  
ERROR 000000000000 GLOBAL_SCOPE [1283179985178] null  
[2010-08-30 10:53:05.178]  
ERRORDTL 000000000000  
GLOBAL_SCOPE [1283179985178]java.lang.NullPointerException  
at com.servername.profile.CodeListObject.removeItem  
(CodeListObject.java:1324)  
at com.servername.adminui.CodeListEditor.updateCode  
(CodeListEditor.java:429)  
at com.servername.adminui.servlet.CodeListManager.doPost  
(CodeListManager.java:263)  
at javax.servlet.http.HttpServlet.service(HttpServlet.java:710)  
at javax.servlet.http.HttpServlet.service(HttpServlet.java:803)  
at org.servername.servlet.ServletHolder.handle  
(ServletHolder.java:487)  
at org.servername.servlet.ServletHandler$CachedChain.doFilter  
(ServletHandler.java:1093)
```

```
at com.servname.ui.dlss0.DLSS0Filter.doFilter
(DLSS0Filter.java:194)
at org.servname.servlet.ServletHandler$CachedChain.doFilter
(ServletHandler.java:1084)
at org.servname.servlet.ServletHandler.handle(
ServletHandler.java:360)
at org.servname.security.SecurityHandler.handle(
SecurityHandler.java:216)
at org.servname.servlet.SessionHandler.handle(
SessionHandler.java:181)
at org.servname.handler.ContextHandler.handle(
ContextHandler.java:726)
at org.servname.webapp.WebAppContext.handle(
WebAppContext.java:405)
at org.servname.handler.ContextHandlerCollection.handle
(ContextHandlerCollection.java:206)
at org.servname.handler.HandlerCollection.handle
(HandlerCollection.java:114)
at org.servname.handler.HandlerWrapper.handle
(HandlerWrapper.java:152)
at org.servname.Server.handle(Server.java:324)
at org.servname.HttpConnection.handleRequest
(HttpConnection.java:505)
at org.servname.HttpConnection$RequestHandler.content
(HttpConnection.java:842)
at org.servname.HttpParser.parseNext(
HttpParser.java:648)
at org.servname.HttpParser.parseAvailable(
HttpParser.java:211)
at org.servname.HttpConnection.handle(
HttpConnection.java:380)
at org.servname.io.nio.SelectChannelEndPoint.run(
SelectChannelEndPoint.java:395)
at org.servname.thread.BoundedThreadPool$PoolThread.run
(BoundedThreadPool.java:450)
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: UI

QC Legacy ID: 229800, 241399, 257244

RTC ID: 310365

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 196657

Title: When LockInterval is set at max value of 2 years, resource is only locked for 16 days.

Description:

There is an issue with LockInterval if it is set to max value, i.e. 1025280 mins (2 yrs), the system allows locks on resources for 16 days maximum.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: UI

QC Legacy ID: 227471, 252890

RTC ID: 310360

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 316091

Title: Unable to download files over 10 MB through MBI.

Description:

When accessing the MBI on base port +34 (MBI HTTP Server Adapter), users are not able to download files larger than 10 MB. However, when accessing the MBI on the base port/mailbox URI the files are successfully downloaded.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: UI

QC Legacy ID: 248733, 247962

RTC ID: 309992

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 138538

Title: After enabling Sequence Manager, the menu option is missing in Sterling B2B Integrator 5.0.

Description:

In order to activate the menu option, the following value was added to the customer_overrides.properties file: noapp.enableSequencingMenu = true

This allowed the menu item ('Sequence Manager') to be displayed under the Operations menu on the Workspace ('/ws') UI (only). In SI 5.0, when setting that parameter in the property files (either in the noapp.properties or customer_overrides.properties), the menu item does not show up in the Workspace.

When manually navigating to the screen it displays properly, which indicates that it still works, it just appears that the menu entry for the screen does not display properly in Sterling B2B Integrator 5.0.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: UI

QC Legacy ID: 245910, 212925, 243550

RTC ID: 310335

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 248848

Title: No results from Mailbox Delete Service filter option.

Description:

Filter for mailbox names does not work when editing Mailbox Delete Service.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: UI

QC Legacy ID: 245917

RTC ID: 310363

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 272061

Title: Unable to delete entries from a code list that contains ^ in the sender or receiver code.

Description:

If a code list entry is created using the character ^ on the sender or receiver code, the code list entry can no longer be deleted via the UI. If you modify the code list entry and remove the character, then the entry can be deleted.

The UI allows the ^ character to be used when creating or modifying the code list entries. Those entries cannot be deleted, no errors are thrown, the code list entry is simply not deleted.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: UI

QC Legacy ID: 240154, 240621

RTC ID: 310289

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 1371745

Title: Trading partner identities for partners in Zimbabwe and Zambia cannot be created as the UI does not display these options.

Description:

UI does not display options for trading partner identities in Zimbabwe and Zambia.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: UI

QC Legacy ID: 173176, 236190, 234701, 240968

RTC ID: 310287

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 270276

Title: Scheduler allows creation of new schedule which cannot be viewed.

Description:

When using the LDOM function, Last Day of Month, to execute a schedule, the schedule can be saved and edited, but when selecting the link to view the settings, it displays an error. The problem is caused by GIS trying to parse "LDOM" as an integer.

Error Message:

Processing error has occurred.
Please contact system administrator and check system logs for more details.
: java.lang.NumberFormatException: For input string:"LDOM"

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: UI

QC Legacy ID: 239960, 239761

RTC ID: 310336

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Web Services

Case ID: 00321244

Title: Data conduit error in Sterling B2B Integrator

Description:

WSDL Dynamic Service fails. There is NO status report or process data for the dynamic service step. After using bin/opscmd.sh -nnode1 -cCLEARCACHE -pcache_name=WSDL_CHECKIN_CACHE the same business process works.

Error Message:

None

Resolution:

The code was updated to resolve the dynamic service failure.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Web Services

QC Legacy ID: 249492, 249967, 249045, 251181

RTC ID: 310356, 183727

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 155034

Title: WS_MessageHandler cannot handle large attachments (1GB)

Description:

Timeout for SOA Inbound Message Processing Service in WS_MessageHandler is 60 seconds. This value is too low for large files (50 MB works 1 GB fails), the service through "Error processing OAP message packageDT: Null report".

A customized PipeLineTimeout configured in the business process does not take into account larger files. For example, adding PipeLineTimeout in the WS_MessageHandler business process if the payload document size is 1 GB or larger.

```
<operation name="SOAInboundMsgProcessingService">
  <participant name="SOAInboundMsgProcessingService_Instance"/>
  <output message="SOANewInboundTypeInputMessage">
    <assign to="." from="*"></assign>
    <assign to="PipeLineTimeout"&gt;180</assign>
  </output>
  <input message="inmsg">
    <assign to="." from="*"></assign>
  </input>
</operation>
```

Error Message:

com.sterlingcommerce.woodstock.workflow.WorkFlowException:
Error processing SOAP message packageDT: Null report

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Web Services

QC Legacy ID: 217853, 213403, 241178, 241245, 241301, 241304

RTC ID: 310362

Severity: Normal

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 00272303

Title: Message "There is no web service configuration" filling system log

Description:

It seems that this error message occurs if there is no "wsconfig" node in process data. There appears to be no impact to processing. However, these messages keep getting logged in the system.log and the log file continues to grow.

Error Message:

There is no web service configuration

Resolution:

The issue is that the log statement is not coded for DEBUG mode. The code is updated to display the message if DEBUG is on.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Web Services

QC Legacy ID: 243469, 243302

RTC ID: 310085

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 247176

Title: XML Schema (input) validation only verifies the first complex element.

Description:

Only errors at the beginning or in the first complex element are found. It is possible to include additional nodes in the data not part of the schema without getting an error if they appear after the first element. XML Validation service gives correct results.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Web Services

QC Legacy ID: 246533

RTC ID: 302962, 319667

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Workflow Engine

Case ID: 286002

Title: Execution Control Service not updating business process deadline dynamically.

Description:

When changing the deadline of a business process using executioncontrolservice, changes are not committed even though the status report shows that the deadline changed.

Error Message:

None

Resolution:

Logic is added to update BP_DEADLINE table so Notification events are fired according to dynamic settings from Execution Control Service. The Deadline

column in various business process monitor screens is coming from workflow context step 0. So, the value of the Deadline column remains static meaning it comes from business process definition.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Workflow Engine

QC Legacy ID: 243106, 245099, 245101

RTC ID: 310714

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 326916

Title: Improper document handling by the XML Encoder service occurs when both business process Start Stop - Engine May Override and File System storage are being used.

Description:

Business process contains XML Encoder Service to move a portion of Process Data to Primary Document. The business process works correctly when Persistence is set to full and document storage is set to Database. When Persistence is set to Start Stop - Engine May Override and document storage is set to File System the Primary Document contains incorrect data.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Workflow Engine

QC Legacy ID: 250726, 252538, 255661, 256843

RTC ID: 310024

Severity: Critical

Type: NormalFix

Build: 5009, 5103

Case ID: 144521

Title: TimeoutEvent business process needs to have a lock mechanism, similar to index n purge and other business processes while executing.

Description:

Client is continuing to receive orphans in the Event table. The orphans are not force terminating business processes in waiting. The TimeOut Event service does not resume/reactivate older ones. The number keeps increasing. Thread Dumps show blockings and wfexception.log shows a number of wfc_ids that cannot be found. Orphans in the Event table do not have the corresponding rows in workflow_context.

Error Message:

None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Workflow Engine

QC Legacy ID: 213427, 213685, 253106

RTC ID: 309922

Severity: Critical

Type: NormalFix

Build: 4325, 5009, 5103

Case ID: 134209

Title: The -UM option issue

Description:

The -UM option issue arises when using it to upload a new version of an existing business process configured to use a queue other than queue 4. The queue is reset to the default queue 4 and it does not keep the current queue configuration.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Workflow Engine

QC Legacy ID: 242583

RTC ID: 310622

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 261699

Title: InvalidWorkFlowDefException: Unable to read WFD data (WFD ID: 1132, Version: 37).

Description:

When a child process is restarted it looks for the Workflow version of the parent process. For example, if parent process has five versions and child process has two versions, during the restart of the child process wf.log would log, 'Unable to read WFD data (WFD ID: xxx, Version: 5). This version 5 does not exist in the database and class should not look for version 5 (and should look for version 2). However, the business process completes fine. Issue seems noise in wf.log.

Error Message:

```
wf.log contains the following ERROR message
[2011-01-10 21:23:05.658]
ERROR 000000000000 GLOBAL_SCOPE [1294712585658] Unable to read WFD data (WFD ID: 1132, Version: 37).
[2011-01-10 21:23:05.659]
ERRORDTL 000000000000 GLOBAL_SCOPE
[1294712585658]com.servername.workflow.InvalidWorkFlowDefException:
  Unable to read WFD data (WFD ID: 1132, Version: 37).
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5009 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Workflow Engine

QC Legacy ID: 238875, 239540

RTC ID: 310705, 310704

Severity: Normal

Type: NormalFix

Build: 5009, 5103

Case ID: 313492

Title: Obscure Data - Reveal Primary Document results in corrupted data when revealing in a child process.

Description:

Manage Layout changes are removed if a permission change occurs with a user account.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Workflow Engine

QC Legacy ID: 247699

RTC ID: 302970

Severity: Normal

Type: NormalFix

Build: 5103

Case ID: 312126

Title: Document streaming without document persist will orphan document data in DATA_TABLE.

Description:

During Document output streaming before the document is persisted an orphaned document data occurs in the DATA_TABLE. Need to ensure that the data always has a reference and a lifespan to be removed.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5103 or later.

Functional Area: Workflow Engine

QC Legacy ID: 168444

RTC ID: 312126

Severity: Critical

Type: NormalFix

Build: 5103

Chapter 13. Build 5103 APAR

Abstract

This Authorized Problem Analysis Report (APAR) listing applies to the problems that are fixed in Sterling B2B Integrator Release 5.1, Build 5103.

Content

For complete APAR information and fix summaries, search for the individual APAR on the IBM Support Portal (www.ibm.com/support).

APAR	Problem Description
IC81231	SAP adapters still detected as running when a node or adapter container is stopped.
IC81472	Receiving 2 files with identical SFIDS in parallel OFTP sessions is impossible.
IC81732	Correction to how the container nodes are started up and shutdown using windows services.
IC81998	Under heavy load, Sterling B2B Integrator attempts to use an adapter in a container that is offline.
IC82089	ACH enveloping issue with missing batches after migration from 5004 to 5008.
IC82377	OFTP session timeout caused by racing condition.
IC82698	OFTP inbound file stuck in status RECEIVING when the partner (sender) OFTP system fails.
IC82740	ACH envelope not passing parameters to child business process.
IC84056	Modify Oracle JDBC driver buffer settings and default nursery settings to avoid full garbage collections.

Chapter 14. Critical Patch Notification for AS2 Edition Customers Using Version 5102

This is an IBM Service Advisory for IBM Sterling Integrator 5.1 for AS2 Edition customers only.

IBM Product Management apologizes for any inconvenience this may cause to your business; IBM recognizes you as a valued customer and remains committed to resolving such issues promptly.

November 2011: Generic Hotfix 5102_1

If you are a Sterling Integrator 5.1 customer who has downloaded patch 5102 and who uses AS2 Edition, then this notification applies to you. Otherwise, you can disregard this message.

Note: If you use the core AS2 functionality in Sterling Integrator instead of using the AS2 Edition, this issue does *not* affect you.

IBM has released a generic hotfix to resolve the issue described below on the IBM IWM site for download. We recommend that all Sterling Integrator 5.1 Patch 5102 AS2 Edition customers download this hotfix and apply it to your environments immediately.

Issue Description

Customers using the Sterling Integrator 5.1 AS2 Edition, which includes single AS2 organization configuration only, are not be able to create or edit AS2 organizations or partners after applying patch 5102.

Example Symptom

After applying Sterling Integrator 5102, go into AS2 Edition to create an AS2 Organization using the AS2 Wizard and perform the following steps:

1. From the File Tracking page, select **Trading Partner**.
2. In the Trading Partners Configurations page, in the Create section next to **New AS2 partner or organization**, click **Go!**.
3. In the AS2 Configuration Type page, select **Organization** and click **Next**.
4. On the New Identity page, select **Create a New Identity** and click **Next**.
5. In the Organization Details page, complete the following fields, and click **Next**.
 - Enter the **Identity Name** and **AS2 Identifier**.
 - Select an **Exchange Certificate**.
6. In the Confirm page, verify the information and click **Finish**.

The system returns you to the Details screen, showing that the AS2 Identifier is blank and the Exchange Certificate is no longer selected. If you attempt to re-enter the information and save the identity again, the Details display will continually show that the AS2 Identifier blank and no Exchange Certificate is selected. Therefore, you are unable to create an AS2 Organization.

Impact

After applying patch 5102, AS2 Edition customers only are unable to create a new or edit an existing AS2 organization or trading partner in the AS2 Edition user interface. Full Sterling Integrator AS2 customers are not impacted and can create new and edit existing AS2 organizations and trading partners as expected, because the full software license includes support for multiple organizations.

Next Steps

If you downloaded and installed 5102 and are NOT on a customer-specific hotfix, you must apply this generic hotfix to resolve these issues. Please follow the instructions below:

1. Ensure that you are already running the **si_51_build_5102.jar** in your environment. This generic hotfix only contains the fixes for issue listed above. It does not contain fixes from any previous fixpacks. You are required to already have 5102 installed prior to applying this generic hotfix.
2. From IBM IWM, download the new generic hotfix containing the resolution for this issue in patch 5102: **si_51_build_5102_hotfix_1.jar**. The hotfix will be under the Sterling Integrator, version 5.1.X Maintenance option. For instructions on how to download this hotfix from the IWM site, please refer to the following documentation: <https://support.sterlingcommerce.com/ProductUpdatesAndDownloadsNotifications-ImportantNotice.pdf>
3. Install the generic hotfix on each node in your test environment and run your regression tests against it. Remember that this generic hotfix application will require a node outage. For further instructions on installing a hotfix, please refer to our user documentation at: <http://www.sterlingcommerce.com/Documentation/SI51/HomePage.htm>

Under the *Implement Sterling Integrator* heading, select the correct Operating System and cluster/non-cluster documentation, and refer to the installation instructions on "Installing a Hot Fix."

If you downloaded and installed 5102 and are running on a customer-specific hotfix, please contact your local IBM Customer Support immediately to receive an updated hotfix for your specific implementation.

Listing of Knowledge Base Articles for Generic Hotfix 5102_1

Listed below is the knowledge base article (Technote 1570747) that describes the fix included in the generic hotfix 5102_1:

Unable to create AS2 Organization or Partners

Problem (Abstract)

Customers using the Sterling Integrator 5.1 AS2 Edition, which includes single AS2 Organization configuration only, are not able to create AS2 Organizations or Partners after applying fixpack 5102.

Symptom

When attempting to create an AS2 Organization or Partner and after selecting the Encryption certificate, the AS2 Identifier and Encryption Certificate specified are removed from the configuration, thereby preventing the profile information from being saved.

Chapter 15. Build 5102 Overview

This release includes the following major updates to Sterling B2B Integrator. For more information about the updates, see the features, enhancements, and fixes listed in this document.

Product Updates

- Direct processing of AS2 messages - See the Sterling B2B Integrator, Release 5.1 AS2 documentation for more information.
- First-In-First-Out (FIFO) - See the Sterling B2B Integrator , Release 5.1 Services & Adapters documentation for more information.
- Online Certificate Status Protocol (OCSP) - See the Sterling B2B Integrator, Release 5.1 Build Documentation, OCSP Support Enhancement for more information.
- Shared Mailboxes - See the Sterling B2B Integrator, Release 5.1 Build Documentation, Shared and Linked Enhancement for more information.
- Sterling File Gateway - For feature and enhancement information, see Sterling B2B Integrator, Release 5.1 What's New in Build 5102.

System Upgrade

Customers using the existing SWIFTNet 6 adapter are required to patch their SUN OS to pick up the latest SUNW 1.3.2 library and also the new 0.9.8 OpenSSL library as part of receiving our adapter updates.

The requirement for the SUN Compiler is Solaris 10 HW 05/09, Sun Studio 12 C/C++ Compiler with Sun Studio12 update 1.

Note: Per <http://download.oracle.com/docs/cd/E19205-01/821-0080/index.html#Patches>, Sun Studio12 update 1 requires the SUNWlibC OS patch 119963-13.

For OpenSSL, the download is available in <http://www.openssl.org>

Build 5102 - Disk Space Requirements

Sterling B2B Integrator, Release 5.1 Build 5102 binary .jar file size (zipped file in the FTP site) requires approximately 712 MB memory space to download and 4.5 GB memory space for installation.

Standards

Applying Sterling B2B Integrator, Version 5.1, Build 5102 automatically includes Sterling Standards Library 7.0. Your specific standards implementation will depend upon the terms of your licensing agreement.

Sterling Standards Library version 7.0 adds the Image Cash Letter Split and Image Cash Letter Join services to aid in the processing of X9.37 data.

An additional option was added to the AS2 wizard to allow the partner to be configured to do direct processing, in addition to File System or Mailbox processing.

See details on the Sterling Standards Library 7.0, including Release Notes®.

Applying Sterling B2B Integrator, Version 5.1, Build 5102 allows you to install a new version of the Map Editor. You cannot open a map saved in this new version of the Sterling B2B Integrator, Release Version 5.1, Build 5102 Map Editor in the older versions of the Sterling B2B Integrator, Release 5.1 Map Editor.

e-Invoicing

Applying Sterling B2B Integrator, Release 5.1 Build 5007 includes Sterling e-Invoicing Version 1.3, Build 5102, if you have a Sterling e-Invoicing license. Your specific implementation will depend upon the terms of your licensing agreement.

Sterling e-Invoicing version Version 1.3, Build 5102 adds support for the following:

- Additional legal content not in the human readable detail report has been added to the Detail Report
- Free form notes loop at the header and line item details
- Removed the calculated VAT Tax by VAT rate from the Detail report
- Allowance and charges loops at the header and line item level in the detail report
- Display of the total VAT tax amount in the currency of the country of supply
- Custom duplicate settings are available
- Buyer and supplier tax representative information and VAT identifiers are included in the Detail Report
- Taxable Amount by VAT Rate is included in the Detail Report
- The country code for the Supplier Identification and Buyer Identification address fields are now mapped from the raw invoice data, instead of from the ISO country code in the VAT ID
- The Supplier Comm ID, Supplier Tax Representative, and Subsequent Customer Info fields are now optional, so if there is no data mapped to those fields, the field names are not displayed in the detailed report
- Added the Unit of Measure, Purchase Order Number, and Bill of Lading Number to line item level of the e-Invoicing archive
- Added the Buyer ID and Supplier ID to the Search page of the Integrated Archive to allow the user to search by Buyer ID and Supplier ID
- The Buyer and Supplier address blocks were updated
- Now line items that are displayed on the detailed report are sorted based on how they were originally sent in the data
- Bill to and Ship To information is included in the Detail Report

See the Sterling e-Invoicing Version 1.3, Build 5102 library for details.

Pre-Installation Recommendation

IBM recommends that you perform a complete backup of the Sterling B2B Integrator file system and database before applying any patch.

It is not possible to uninstall a patch.

Article Identification

Currently a transition is underway to migrate customer issues from the current customer reporting system to a new system. Consequently, an InQuira ID will no longer be assigned to issues. This will be temporarily replaced by the Fix ID.

Build Document Fields and Definitions

These are the fields for each entry in the build information document and a description of the information each contains.

InQuira ID

Each entry within the patch information document is also entered into our customer-facing Knowledgebase. This ID represents the article number within the Knowledgebase. The Knowledgebase can be accessed via the Sterling Commerce Customer Center Web site.

Functional Area

This represents the area of the product in which the issue was found and a fix was made. The patch information document is organized by grouping the fixes under their respective functional area.

Escalation ID

This is an internal ID used by Sterling Support. IDs that are a numerical value represent items that were reported by customers or consultants. IDs with the value "QC" represent items that were found internally.

Fix ID This is an internal ID used by Sterling Support and Engineering to track the specific details of the fix at a code level.

Severity

There are currently two possible values for severity: **Critical** This represents fixes that are core to the product and have the potential to result in a critical or production down scenario if not applied. Example: An issue with our JDBC pools would be core to the product and apply to all Gentran Integration Suite/Sterling Integrator users. An issue with an adapter or service, such as Document Keyword Replace, would most likely not be flagged as critical. It could be critical to users that are utilizing this particular service or adapter, but not part of core.

Note: An exception could be made if an engineer feels the non-core functional area defect is severe enough or widely utilized enough to classify it as critical.

Normal This represents fixes that are less severe and should not result in critical or production down scenarios for the core product. Some fixes, however, could be critical to individual users of that service or adapter, so it is important to look at all fixes and determine the specific impact on your environment based on your usage of the various services, adapters, and the various functional areas of the product.

Type There are currently three possible values for type: **Core Change** Although rare, it is possible that fixing a defect requires a core change to the functionality of that component. It is important to test any functional area that is being utilized if the fix is flagged as Core Change. **New Functionality** In most cases, new functionality will be listed in the "Product Enhancements" section of the patch info document. Although rare, it is possible that fixing a defect could mean adding additional functionality to that component. **Normal Fix** Most entries will be flagged

as Normal Fix. This represents items reported from the field or found internally that do not result in a core change or the addition of new functionality.

Build This represents the build (patch) number in which the fix was first introduced. In some cases, a fix will be applied to multiple versions of the product. Patches are cumulative, so fixes exist in the introduction build and in any later build (higher build number) for that version of the product.

Chapter 16. Build 5102 Enhancements

Sterling B2B Integrator, Release 5.1 Build 5102 contains additional product enhancements in the following categories:

- Adapters - FTP Server Adapter
- AS2
- EDI
- Extensibility
- Hardware Security Module (HSM)
- Mailbox
- Online Certificate Status Protocol (OCSP)
- Permissions
- Reports - Producer/Consumer Relationship
- Security/Encryption
- Service and Adapter
- Services - FTP Client Begin Session
- Services - SFTP - Client GET Service and Client PUT Service
- Standards
- Sterling File Gateway

AS2

Fix ID: 240860

Title: Enhancement to allow direct processing of AS2 messages

Request Description: Add an additional option to the AS2 wizard, besides File System or Mailbox, that would allow the trading partner to be configured to do direct processing. This new option would enable the selection of a specific business process to be invoked for Inbound processing and whether to invoke it Synchronously or Asynchronously.

Escalation ID: 245668

Status: Completed

Request Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Fix ID: 242853

Title: Import/Export schema need to be modified as per design document for SR245668

Request Description: Add tag definition to the schema for the following new columns:

1. AS2_PROFILE.HTTP_CLIENT_ADAPTER

2. AS2_TRADEPART_INFO.COLLECTION_TYPE

3. AS2_TRADEPART_INFO.IN_SUCCESS_BP

4. AS2_TRADEPART_INFO.IN_ERROR_BP

Escalation ID: 245668

Status: Completed

Request Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

EDI

Fix ID: 239088

Title: Deenvelope enhancement to allow user exit invocation

Request Description: Enable clients to extend the functionality of the Deenveloping service, giving them greater flexibility in meeting expanding visibility requirements. Specifically, it would enable GIS to meet the Reporting and Transaction Tracking requirements for numerous clients by adding the capability to link transaction level information with the input and output document at Deenveloping time.

Escalation ID: N/A

Status: Completed

Request Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Extensibility

Fix ID: 237825

Title: Enhancement to extend a GUI field for use with a custom protocol

Request Description: A customer is using a custom protocol for SFTP that will issue a command. The Command field only displays 29 characters. You can scroll to right to view more than 29 characters, but a maximum of 29 characters is only displayed in the box at one time. The customer needs to view 50 characters in this field all at once.

This is also a problem for delivered Connect:Direct Protocol. The Remote File Name box does not display all the characters in the field.

This occurs when editing a partner profile Protocol section. When you edit the partner the first panel displays all the characters in the field.

Escalation ID: 255105

Status: Completed

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Hardware Security Module (HSM)

InQira ID: ENH3055

Title: Support SafeNet ProtectServer

Request Description: Add support for the Gold External network device.

Escalation ID: 131877 (QC 243652, 226140)

Status: Completed

Request Resolution:

Apply Sterling B2B Integrator, Release 5.0 5007 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5102 or later.

Mailbox

Fix ID: 244810, 227984

Title: Question regarding availability of mailbox "soft-links" in GIS 4.3 or SI 5.0

Request Description: Specific files delivered must be available to numerous partners at exactly the same instant.

Escalation ID: 130603

Status: Completed

Request Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Online Certificate Status Protocol (OCSP)

InQira ID: ENH1804

Title: Support requested for OCSP (Online Certificate Status Protocol)

Request Description: Support is required for the real-time checking of the status of a certificate using OCSP on Gentran Integration Suite 4319 and Sterling B2B Integrator 5002. For highly confidential and restricted data, the risk of a fraudulent operator using a revoked certificate within the period before a CRL is issued is too high.

Escalation ID: 75423 QC (243653, 226142)

Status: Completed

Request Resolution:

Apply Sterling B2B Integrator Release 5.0, 5007 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Permissions

InQira ID: ENH2999

Title: Control Access to Wizards

Request Description

The ability to apply deny permissions to the pages which launches the wizard is missing. UI Permissions with a Permission ID prefixed by `_DENY_` are negative permissions that deny access to that particular resource or action. For example, adding a permission with Permission ID `_DENY_BPMANAGE` will deny a user or group access to the BP Management UIs.

Escalation ID: QC (243716, 229881, 223277)

Status: Completed

Request Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5007 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5102 or later.

See the Gentran Integration Suite, Release 4.3 Build Documentation, Managing Permissions for more information.

See the Sterling B2B Integrator, Release 5.0 Security Documentation, Create Permissions for more information.

See the Sterling B2B Integrator, Release 5.1 Security Documentation, Create Permissions for more information.

Reports - Producer/Consumer Relationship

InQira ID: ENH3053

Title: New report that identifies producer consumer relationships

Request Description: Need a report that that identifies producer consumer relationships.

Escalation ID: QC (207662)

Status: Completed

Request Resolution:

Two new reports have been added. They are:

- ConsumerProducerRelationships

- ProducerConsumerRelationships

Apply Sterling B2B Integrator, Release 5.0 Build 5007 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5102 or later.

See the Sterling B2B Integrator 5.0 Producer/Consumer Relationship Reports Documentation for more information on Producer/Consumer Relationship Reports.

See the Sterling B2B Integrator 5.1 Producer/Consumer Relationship Reports Documentation for more information on Producer/Consumer Relationship Reports.

Security/Encryption

InQuira ID: ENH3200

Title: Deny Permissions on wizard pages that allow a user to create, edit, or check-in a new or existing object

Request Description:

Based on business requirements, some users should be allowed to delete business processes but not edit them. Such users should not have access to the Graphical Process Modeler as well as other process management User Interfaces.

Escalation ID: QC (243998, 237880)

Status: Completed

Request Resolution:

The new permission is BPMODELER.

Apply Sterling B2B Integrator, Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5102 or later.

Services and Adapters

Adapters - FTP Server Adapter

InQuira ID: ENH2971

Title: Provide User Exit option in FTP Server Adapter.

Request Description: Provide User Exit option in FTP Server Adapter.

Status: Completed

Escalation ID: 106560, 157222, 157211, 157065 (QC 220390)

Request Resolution:

Apply Sterling B2B Integrator, Release 5.0, 5007 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5102 or later.

User exits are a set of predefined points provided in Sterling B2B Integrator to implement customized functions.

InQuira ID: ENH3054

Title: Validation on files when they get sent to Sterling B2B Integrator ftp server.

Request Description:

When the file has been received, validation should occur, like xml schema, hash validation, then when that is ok the Transfer completes and the response should be sent back to the partner.

Escalation ID: 106560 (QC 246821, 206912)

Status: Completed

Request Resolution:

Apply Sterling B2B Integrator, Release 5.0 5007 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5102 or later.

Service and Adapter

Fix ID: 237350, 236455

Title: Add Data Sweeper service.to Sterling B2B Integrator 5.1

Request Description: Certify Data Sweeper service to work with Sterling B2B Integrator 5.1.

Escalation ID: N/A

Status: Completed

Request Resolution:

Apply Sterling B2B Integrator, Release 5.1, Build 5102 or later.

Services - FTP Client Begin Session

InQuira ID: ENH1826

Title: The FTP Client Begin Session service should retry the control connection if it is closed unexpectedly

Request Description:

Extend the retry functionality of the FTP Client Begin Session service so that the service will automatically attempt to reconnect to a remote FTP server if a failure occurs on a control connection that had already been established, e.g. error "control connection closed unexpectedly".

Currently the retries are only used when an attempt to establish the initial control connection fails.

Status: Completed

Escalation ID: 30413 (QC 244061, 240243)

Request Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5102 or later.

Services - SFTP - Client GET Service and Client PUT Service

InQuira ID: ENH3056

Title: SFTP mput and mget functionality is missing

Request Description: SFTP mput and mget functionality is missing

Escalation ID: RQ-B2BF-0186

Request Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5007 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5102 or later.

See the Sterling B2B Integrator 5.0 SSH/SFTP and SSH/SCP Protocol Support for more information on SFTP Client GET Service and SFTP Client PUT Service.

See the Sterling B2B Integrator 5.1 SSH/SFTP and SSH/SCP Protocol Support for more information on SFTP Client GET Service and SFTP Client PUT Service.

Sterling File Gateway

InQuira ID: ENH2432

Title: Sterling File Gateway: session expires when uploading a file.

Request Description:

When uploading a large file with myFileGateway web application the user could get a time out issue. Additionally the uploaded file arrives incomplete in the partner mailbox. Extending the session time out on account level is not an option due to corporate governance policies and for security reasons. Enhancement Request for introducing a progress bar or byte counter such that an average user could easily detect whether the upload is still in progress or the session maybe expired. Sterling File Gateway, All versions

Escalation ID: 157108 (QC 243657, 226357)

Status: Completed

Request Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Sterling File Gateway - Route Processing

Fix ID: 243696, 228988

Title: Add Broadcast Functionality to Filegateway, allowing single Arrived File to be routed and delivered to multiple consumers.

Request Description:

Provide two methods to allow integration architects and route provisioners to configure routing channels that allow a single arrived file to result in delivery to multiple consumers.

1. Fact Based Broadcast List Identification. A new system fact will be introduced, ConsumerBroadcastGroup, that can be used to identify consumers in a dynamic route much in the same manner as the facts ConsumerCode or ConsumerName allow a single consumer to be dynamically identified. The value of a ConsumerBroadcastGroup fact will be interpreted as the name of an existing Sterling File Gateway Partner group. When consumer identification is achieved via the ConsumerBroadcastGroup, a copy of the producer payload being processed will be routed to each member of the Sterling File Gateway Partner group identified by the fact. This fact can be set via producer payload filename pattern matching or via provisioning facts.
2. Consumer Identification Business Process Broadcast List identification. The contract for consumer identification business processes will be expanded to allow the BP to return a list of Consumer Names in addition to current behavior of returning a single Consumer Name. When a consumer identification BP returns a list of partner names, a copy of the producer payload will be routed to each listed partner. Names that do not correspond to an existing partner will result in a failed route, matching existing behavior on invalid ConsumerCode or ConsumerName facts.

Escalation ID: N/A

Status: Completed

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Sterling File Gateway - Route Processing

Standards

InQuira ID: ENH2062

Title: Behavior change for EDI Encoder service Mode parameter & EDI Envelope service MODE parameter

Request Description:

EDI Encoder service uses a mixed-case "Mode" parameter to set for IMMEDIATE or DEFERRED processing. (Default is deferred.)

EDI Envelope service uses an upper case "MODE" parameter to set for IMMEDIATE or DEFERRED processing. (Default is immediate.)

If the bpml is set for either service where the case sensitivity of the Mode/MODE parameter is incorrectly used, this results in the parameter being ignored, and the data is set in the database to a 10 year life span. This problem usually occurs when the business is written by hand instead of generated from the Graphical Process Modeler. The Graphical Process Modeler will generate the bpml for the Mode/MODE parameter in the correct case sensitivity for each service.

Escalation ID: 075989 (199330), 116568 (206354, 243537)

Status: Completed

Request Resolution

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

After applying these builds, the following behavior changes will apply:

EDI Encoder Service

If the case sensitivity for the "Mode" parameter is not set correctly or if the "Mode" is set specifically to deferred, the lifespan of the document will be set to the value set in the document.lifespan parameter in enveloping.properties. (The default of this parameter is 30 days.) If a different lifespan value needs to be set, this should be updated via the customer_overrides.properties file.

EDI Envelope Service

If the case sensitivity for the "MODE" parameter is not set correctly and the EDI Encoder service default to or was set to process in deferred mode, the lifespan of the document will be set to the server's default document lifespan.

Chapter 17. Build 5102 Fixes

Issues have been resolved in Sterling B2B Integrator Release 5.1 Build 5102 in the following areas:

- Adapters
- Adapters - B2B
- Adapters - FSA
- Adapters - FTP
- Adapters - JMS
- Adapters - HTTP
- Adapters - LWJDBC
- Adapters - MSMQ
- Adapters - OFTP
- Adapters - POP3
- Adapters - SFTP
- Adapters - SwiftNet
- Adapters - WebDAV
- Adapters - WebSphereMQ
- Admin User Interface
- Advanced File Transfer
- Alert Service
- Archiving
- AS2
- ASI
- Connect Direct Interop
- Correlation Search
- Documentation
- EDIINT
- Entity Framework
- Graphical Process Modeler
- Import/Export
- Index/Purge
- Installation
- Map Editor
- MESA Studio
- myFileGateway
- Performance
- Perimeter Services
- Platform
- Reporting Services
- Scheduling
- SCM Integration
- Security/Encryption

- Security Updates
- Service and Adapter
- Service and Adapter Framework
- Standards
- Sterling e-Invoicing
- Sterling File Gateway - Partner Management
- Sterling File Gateway - Route Config User Interface
- Sterling File Gateway - Route Processing
- Sterling File Gateway
- SWIFT
- SWIFT - Interact Adapter
- SWIFT - Translation
- Trading Partner Profiles
- Translator
- Upgrade
- User Interface
- Users/Groups/Data Security
- WebExtensions
- WebServices
- Workflow Engine
- XML Encoder
- XSLT

Adapters

Fix ID: 245815, 245330

Title: GIS4324 CD Replication Issues

Description: During active operation of the active-active GIS 4.3 environment (in particular during times of high file transmission activity) the system encounters the ~Session limit exceeded~ exception.

The intermittent/unexplained CD Replication Failure behavior has been observed particularly during times of high file transmission activity. Whether the above exception actually denotes the event accurately or not these intermittent and unexplained failures do cause SEV3 production issues on our platform. This involves a replication attempt failing on first attempt and succeeding upon retry. 2.2 The behavior is compounded by the fact that somewhere is the mix of this problem we have seen files deleted by ReplicateDeleteMessage even though our transmission reports say that the transmission was successful.

Error Message:

```
Session
limit exceeded
[2011-05-03 03:02:46.395] ERROR
000000000000 GLOBAL_SCOPE CDServerPrimitiveBeginSessionService -
recording a failed Begin Session attempt with fault code
[Connect:Direct Error]
com.servername.cdinterop.CDInteropException:
Session limit exceeded
```

Additional errors include:

```
[2011-05-03  
03:50:08.986] ERROR 000000000000 GLOBAL_SCOPE CDServer.notify()  
- Exception creating Snode session :  
com.sterlingcommerce.cd.oemglue.SnodeLostSessionException:  
MSGID=JSNA007I,RC=8,FDBK=1,CLMTHNAME=CdSnApi.beSnode,
```

Workaround:

Bounce the CD_Replicator adaptor that encountered the maximum session threshold alert.

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters

Escalation ID: 300896

Severity: Normal

Type: NormalFix

Build: 5102

InQuira ID: NFX10471

Title: Adapters fail during restart

Description:

Various adapters (HTTP Client and Server, FTP Client and Server, SFTP Client and Server, C:D Server) may fail to start when restarting the instance. After they fail, they will be disabled until manually re-enabled. Errors will occur in the respective adapter logs and business processes attempting to use the adapters will fail.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5007 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters

Escalation ID: QC

Fix ID: 243949, 236167

Severity: Critical

Type: NormalFix

Build: 5007, 5102

InQuira ID: NFX10987

Title: Mail Mime Service is not able to process "mp3" files

Description:

Mail Mime Service is not able to process "mp3" files.

Error Message:

```
com.servername.workflow.WorkFlowException:  
Mail Mime Service fails to execute...  
com.servername.workflow.WorkFlowException:  
Failed to write the message into the Document OutputStream.
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters

Escalation ID: QC

Fix ID: 243878, 235230

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Adapters - B2B

InQuira ID: NFX9127

Title: OutOfMemory Gentran Integration Suite 4322 B2BHttp even though it is not used

Description:

Customer received an OutOfMemory error however the memory was recovered immediately. Garbage collection shows a large spike of memory used and immediately it gets released. No adverse effects to Gentran Integration Suite however a heapdump and a javacore file get automatically created.

Note: The heapdump and javacore would be created if the customer is on RedHat, AIX®, Suse Linux. This issue could still occur in other environments.

Error Message:

```
In noapp.log.D<dated>  
2010-07-04  
05:04:59.911] ALL 000000000000 GLOBAL_SCOPE java.lang.OutOfMemoryError  
[2010-07-04  
05:04:59.912] ALL 000000000000 GLOBAL_SCOPE at  
com.servername.services.b2bhttp.servlet.Utils.readProto(Utils.java:102)  
[2010-07-04  
05:04:59.912] ALL 000000000000 GLOBAL_SCOPE at  
com.servername.services.b2bhttp.servlet.
```



```
B2BHttpServlet$ControlChannelServer.exchangeSecurityKeys
(B2BHttpServlet.java:138)
[2010-07-04
05:04:59.912] ALL
000000000000 GLOBAL_SCOPE
at com.servename.services.b2bhttp.servlet.
B2BHttpServlet$ControlChannelServer.run(B2BHttpServlet.java:311)
```

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - B2B

Escalation ID: 182093

Fix ID: 243664, 226610, 225371

Severity: Critical

Type: NormalFix

Build: 4324, 5008, 5102

Adapters - FSA

InQuira ID: NFX10103

Title: FSA behaves in a different way on Windows when wildcard is used in the Filter compared to the way when it is not used.

Description:

The following behavior is observed on the Sterling B2B Integrator 4.3 4317 (also 4321 patch) installed on the Windows machine

1. If the filename filter is set to "AAA.txt" and a file called - aaa.txt is put under the collection folder, FSA will successfully collect the file.
2. The File System Adapter will collect the file under the collection folder even if the file name is "aaa.txt", "aaA.txt", or "AaA.txt". It does not matter whether the file name is in upper case or lower case (or mixed).
3. But, if we use wildcard for the filename filter, it does not collect the file which does not match the case. For example, in this case, if we set "*AA.txt", "A*A.txt", or "AA*.txt", the file "aaa.txt" under the collection folder will not be collected. FSA should behave the same in Windows environment when wildcard is used in the Filter and when it is not used - just the way FSA works in a Linux environment.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

A new property flag has been added in filesystem.properties file to make the FSA wildcard search to be - case insensitive on Windows only. By default, it will continue to be case sensitive as it is today. If case insensitive search is needed, then the winWildcardCaseInsSearch property should be set to true in filesystem.properties.in file. This file can be found in <GIS_Install>/properties folder.

Functional Area: Adapters - FSA

Escalation ID: 127371

Fix ID: 243608, 223410, 208326

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

Adapters - FTP

InQuira ID: NFX10914

Title: FTP Server Adapters Hang During Simultaneous Transmission of Identical File Names

Description:

During simultaneous transfers (PUT) to the same mailbox, with identically named messages, and while Mailbox Routing is routing another message with the same name, the FTP Server Adapter(s) involved may hang, refusing to process any new connections. (The adapters will accept new connections, but will not respond to any accepted connection.)

Mailbox Delete is blocking other mailbox related threads and the blocked threads lead to the FTP Server adapter not accepting new connections. The table involved is the MBX_MESSAGE_UNIQ table and you must have the parameter disallowduplicatemessages=true with mailbox.properties.

The customer must restart the FTP Server adapter to resolve the issue.

Error Message:

No error message reported.

Deadlocks exist on database server with MBX_MESSAGE_UNIQ.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - FTP

Escalation ID: 282463

Fix ID: 244109, 242748

Severity: Critical

Type: Normal Fix

Build: 5008, 5102

InQuira ID: NFX6215

Title: Directory listing of the Mailbox via FTP shows the current timestamp rather than the actual timestamp

Description:

When connecting to a mailbox via an FTP session, if the user does a listing on the directory, they see the timestamp of any sub-directories as the current system timestamp, rather than the actual modification date. If the user changes to the sub-directory, and lists the actual files inside of it, they do see the correct value for the modified date.

Resolution

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - FTP

Escalation ID: 51071

Fix ID: 243524, 201569, 188665

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX10609

Title: A remote implicit FTPS server replies 502 bad command or it is not implemented here after PBSZ 0 command

Description:

After upgrade to Sterling B2B Integrator 5.0 build 5006 implicit FTPS connection fails in FTP Begin Session Service. The remote GXS FTPS server replies '502 bad command or it is not implemented here' after Sterling B2B Integrator FTPS Client sends PBSZ 0. The connection is successful using Gentran Integration Suite 4.3

build 4323. In house testing to a different FTPS server indicates a difference in FTPS commands between build 5003 and 5006. In 5003 PBSZ is not sent. Using 5006 PBSZ is sent.

Error Message:

The FTP Client log reports the FTPS server reply.

```
[2011-01-12
15:30:36.473]
DEBUG <FtpClient5>
000000000000 GLOBAL_SCOPE ControlConnection.flushOutput()
sent on secured
control conduit, msg=[PBSZ
0 ].
[2011-01-12 15:30:36.505]
DEBUG <FTP-Client-Scheduler>
000000000000 GLOBAL_SCOPE ControlTransferAgent.canReceive()
entering.
[2011-01-12 15:30:36.52]
DEBUG <FTP-Client-Scheduler>
000000000000 GLOBAL_SCOPE ControlTransferAgent.canReceive()
exiting.
[2011-01-12 15:30:36.52] DEBUG <FtpClient6>
000000000000
GLOBAL_SCOPE ControlTransferAgent.handleControlReceiveEvent()
acquiring execute lock.
[2011-01-12 15:30:36.52]
DEBUG <FtpClient6> 000000000000 GLOBAL_SCOPE
ControlTransferAgent.handleControlReceiveEvent()
acquired execute lock.
[2011-01-12 15:30:36.52]
DEBUG <FtpClient6>
000000000000 GLOBAL_SCOPE ControlConnection.processInput()
entering---
[2011-01-12
15:30:36.52] DEBUG <FtpClient6>
000000000000 GLOBAL_SCOPE ControlConnection.processInput()
entering, controlConduit=[com.sterlingcommerce.perimeter.
api.conduit.SSLByteDataConduit@62aa79].
[2011-01-12
15:30:36.52] DEBUG <FtpClient6>
000000000000 GLOBAL_SCOPE ControlConnection.processInput() received
from secured control conduit, msg=[[B@1ef06e2].
[2011-01-12
15:30:36.52] DEBUG <FtpClient6>
000000000000 GLOBAL_SCOPE SendingControlConnection.extractSingleLineReplies(b)
character encoding null
[2011-01-12 15:30:36.52]
DEBUG <FtpClient6 LowSM>
000000000000 GLOBAL_SCOPE psclientcommon.Session.handleCommand(S)
received command [REPLY 502 Bad command or
it is not implemented here.].
[2011-01-12
15:30:36.52] DEBUG <FtpClient6 LowSM> 000000000000 GLOBAL_SCOPE
StateMachine.handleCommand(IS,S) handling command [REPLY 502
Bad command or it is not implemented here. ].
```

Resolution:

The code has been changed to add a new set of states for the implicit SSL flow to resolve this problem. With this fix applied, you should see a behavior of the Sterling B2B Integrator FTP Client sending a PBSZ command to the GXS FTP server, and receiving a 502 reply because this server can not handle this command, and then the Sterling B2B Integrator FTP Client Begin Session Service should ignore the 502 reply and continue forward to the next service within this session.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - FTP

Escalation ID: 260749

Fix ID: 244015, 238737

Severity: Critical

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX7976

Title: Connect Enterprise 226 response differs from the Gentran Integration Suite FTP Server Adapter 226 response

Description:

The multiline response sent in the 226 from C:E Unix differs from the single line response that is sent by the Gentran Integration Suite FTP Server Adapter making migration difficult if a client expects a response in the C:E format but receives one in the Gentran Integration Suite format.

Resolution:

Provide an optional FTP 226 Server response property in the ftp_server.properties file that allows a customizable multiline 226 response to be sent to the client by use of the "\n" newline character sequence.

Apply Gentran Integration Suite Release 4.3, Build 4322 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - FTP

Escalation ID: 087933

Fix ID: 243521, 199944, 199940

Severity: Normal

Type: NormalFix

Build: 4322, 5008, 5102

InQuira ID: NFX8485

Title: Sterling File Gateway routes incomplete files

Description:

If a file transfer via FTP is interrupted during transmission, the incomplete file is routed by Sterling File Gateway.

Error Message:

n/a

Resolution:

A new parameter was added to the ftpserver.properties file that introduces a delay before committing a file. This introduces a delay before committing a file. This helps in detecting if the connection is closed normally by allowing enough time to receive a connection close on control channel. This helps by reducing chances of partial files getting committed to mailbox and thus getting routed. By default we don't wait. Unit is milliseconds connectionCloseNapTime=0

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - FTP

Escalation ID: 149850

Fix ID: 243566, 217427, 217426,

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX10246

Title: FTP Server Adapter does not allow the Port command with client IP if connected to the FTPserver as localhost

Description: When you log in to FTP Server as localhost and issue a Port command with the client IP address, the port command fails. Port command should be allowed with client IP address as well as siteLocal address.

Resolution: The client can log into an FTP server as localhost or using a hostname, if the client and the server are the same. If the server and client are the same, the port command should allow the sitelocal address (address starting with 10...,172.16...,192.168...) as well as loopback address as arguments.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - FTP

Escalation ID: QC

Fix ID: 243552, 213984, 196635

Severity: Normal

Type: Normal Fix

Build: 4324, 5008, 5102

Adapters - JMS

Fix ID: 249513

Title: Inbound MQ messages failing with Character Set error

Description:

JMS Queue adapter rejecting messages from WSMQ 6.0 due to Encoding error since patch update from build 5007 to build 5008.

Error Message:

```
11-07-12
08:38:18.051]
ERRORDTL 000000000000
GLOBAL_SCOPE [1310452698051]java.nio.charset.IllegalCharsetNameException:
MQSeries Client for Java
at java.nio.charset.Charset.checkName(Charset.java:284)
at java.nio.charset.Charset.lookup2(Charset.java:458)
at java.nio.charset.Charset.lookup(Charset.java:437)
at java.nio.charset.Charset.isSupported(Charset.java:479)
at com.servename.services.jms.AbstractServerImpl.copyStream(
AbstractServerImpl.java:810)
at com.servename.services.jms.AbstractServerImpl.onMessage(
AbstractServerImpl.java:630)
at com.ibm.mq.jms.MQMessageConsumer.receiveAsyncQ(
MQMessageConsumer.java:2539)
at com.ibm.mq.jms.MQMessageConsumer.receiveAsync(
MQMessageConsumer.java:4262)
at com.ibm.mq.jms.SessionAsyncHelper.run(
SessionAsyncHelper.java:420)
at java.lang.Thread.run(Thread.java:619)
```

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters

Escalation ID: QC

Severity: Normal

Type: NormalFix

Build: 5102

InQuira ID: NFX9327

Title: Clustered JMS Topic Adapter processes same message twice (or more time based on number of nodes in cluster)

Description:

In a clustered environment, a JMS Topic adapter processes same message twice (or more based on number of nodes in cluster) if adapter is configured to run on either node (environment set to all)

Error Message:

No Error Message

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - JMS

Escalation ID: 192946

Fix ID: 243627, 224849

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Adapters - HTTP

InQuira ID: NFX9920

Title: HTTP Client Post will sporadically fail when one of our perimeter servers is taken down

Description:

HTTP Client post errors occurring within a clustered environment utilizing a service group and external perimeter servers. There are also has multiple sessions within the BP. If one of the external perimeter servers is taken down the 2nd session will error with the following at the HTTP Post operation:

Error Message:

```
ERROR 000000000000 GLOBAL_SCOPE PS1: connect
failed: java.net.ConnectException: Connection refused
INFO 000000000000 GLOBAL_SCOPE PS1: close: Connection Reset ERROR
000000000000
GLOBAL_SCOPE Connection PS1 closed due to CloseCode.
COULD_NOT_CONNECT HTTPClientPostService
has an error ErrorMessage = General Exception:
com.servername.services.httpclient.HttpClientException:
HttpClient.findSession() - Session with Id
[SGHTTPClientAdapter_HTTPClientAdapter_node1_128586756799627:74880]
is NOT found in [SGHTTPClientAdapter2_HTTPClientAdapter_node2] session
pool. Please check the session Id or the instance name is correct!
```

To reproduce:

1. Configure a 2 node cluster with 2 http client adapters using a service group and external perimeter servers.

2. Setup a BP that contains multiple sessions (see example BPS attached to defect. The BP should utilize the service group and it's a good idea to set this up on schedule to post every minute.
3. Take down one of the perimeter servers and you will generate the error above. This only occurs when multiple sessions are used.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - HTTP

Escalation ID: 207741

Fix ID: 243951, 236174, 235235

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX5290

Title: Errors and Exception in webdav.log while connecting, browsing and copying file to webdav server from Windows XP

Description:

Various errors are logged in webdav.log while connecting, browsing folder and copying file to webdav server from Windows Xp - My Network Places. Connection and File transfer are successful despite the error.

Error Message:

Error during connection and browsing folder:

```
[2009-03-11
22:12:31.099] ERROR 000000000000 GLOBAL_SCOPE Unable to create XML
Reader org.xml.sax.SAXParseException:
Premature end of file. at org.apache.xerces.util.
ErrorHandlerWrapper.createSAXParseException(Unknown
Source)
at org.apache.xerces.util.ErrorHandlerWrapper.fatalError(Unknown
Source)
at org.apache.xerces.impl.XMLErrorReporter.reportError(Unknown
Source)
at org.apache.xerces.impl.XMLErrorReporter.reportError(Unknown
Source)
at org.apache.xerces.impl.XMLVersionDetector.determineDocVersion(
Unknown Source)
at org.apache.xerces.parsers.XML11Configuration.parse(Unknown Source)
at org.apache.xerces.parsers.XML11Configuration.parse(Unknown Source)
at org.apache.xerces.parsers.XMLParser.parse(Unknown Source)
at org.apache.xerces.parsers.AbstractSAXParser.parse(Unknown Source)
at com.servename.webdav.servlet.propfind.RequestParser.parse(
RequestParser.java:52)
at com.servename.webdav.servlet.PropfindMethod.getResponseStrategy(
PropfindMethod.java:78)
at com.servename.webdav.servlet.PropfindMethod.impl(PropfindMethod.java:61)
at com.servename.webdav.servlet.WebdavServlet.processMethod(
WebdavServlet.java:152)
```

```
at com.servername.webdav.servlet.WebdavServlet.allowRequest(
WebdavServlet.java:102)
at com.servername.webdav.servlet.WebdavServlet.service (
WebdavServlet.java:66)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:853)
at org.mortbay.jetty.servlet.ServletHolder.handle(
ServletHolder.java:358)
at org.mortbay.jetty.servlet.WebApplicationHandler$Chain.doFilter(
WebApplicationHandler.java:342)
at com.servername.services.pshttp.jetty.ActivityMonitorFilter.
doFilter(ActivityMonitorFilter.java:311)
at org.mortbay.jetty.servlet.WebApplicationHandler$Chain.doFilter(
WebApplicationHandler.java:334)
at org.mortbay.jetty.servlet.WebApplicationHandler.dispatch(
WebApplicationHandler.java:286)
at org.mortbay.jetty.servlet.ServletHandler.handle(
ServletHandler.java:567)
at org.mortbay.http.HttpContext.handle(HttpContext.java:1807)
at org.mortbay.jetty.servlet.WebApplicationContext.handle(
WebApplicationContext.java:526)
at org.mortbay.http.HttpContext.handle(HttpContext.java:1757)
at org.mortbay.http.HttpServer.service(HttpServer.java:879)
at org.mortbay.http.HttpConnection.service(HttpConnection.java:789)
at org.mortbay.http.HttpConnection.handleNext(HttpConnection.java:960)
at com.servername.services.pshttp.jetty.FlushingHttpConnection.
handleNext(FlushingHttpConnection.java:123)
at org.mortbay.http.HttpConnection.handle(HttpConnection.java:806)
at com.servername.services.pshttp.jetty.ConduitStreamListener.
handleNewConnection(ConduitStreamListener.java:207)
at com.servername.services.pshttp.jetty.ConduitStreamListener.
access$400(ConduitStreamListener.java:80)
at com.servername.services.pshttp.jetty.ConduitStreamListener$1.run(
ConduitStreamListener.java:283)
at org.mortbay.util.ThreadPool.handle(ThreadPool.java:385)
at org.mortbay.util.ThreadPool$PoolThread.run(ThreadPool.java:520)
```

Resolution:

Apply Gentran Integration Suite, Release 4.3, Build 4322 or later.

Additional changes were made in 4324 to flag the informational messages as INFO instead of as an ERROR.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - HTTP

Escalation ID: 1372981

Fix ID: 243856, 234961, 208601, 181322

Severity: Normal

Type: NormalFix

Build: 4322, 4324, 5008, 5102

InQuira ID: NFX10816

Title: HTTP threads will continue to build to Max but never release back to minimum

Description:

HTTP threads will continue to build to Max but never release back to minimum. This has a potential have threads within JVM grow very large and eventually cause an OOM (OutOfMemory). Thread dumps will identify the issue.

Resolution: Fix provides two new parameters:

numOfminJettyThread = 1

numOfmaxJettyThread = 10

You can increase the MaxJettyThread and the HTTP server adapter threads will timeout and drop back down to the MinJettyThread over time.

Error Message:

No error message. Large number of HTTP threads within JVM.

Resolution:

Apply Sterling B2B Integrator Version 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - HTTP

Escalation ID: 178089

Fix ID: 243583, 221013

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Adapters - LWJDBC

InQuira ID: NFX2769

Title: LWJDBC adapter does not use streaming

Description:

GIS 4212 : the LWJDBC service fails with an Out Of Memory error if the size of the object is more than the max_stream_to_inmemory, the entire object is written to memory.

Error Message:

N/A

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - LWJDBC

Escalation ID: 025206

Fix ID: 243558, 214994

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10257

Title: Error "java.lang.IndexOutOfBoundsException: Index: 2, Size: 1" is raised when using a stored procedure via lwjdbbc

Description:

SI5006

After patch installation the error "java.lang.IndexOutOfBoundsException: Index: 2, Size: 1" is raised when using a stored procedure via lwjdbbc on SI5006

Error Message:

```
[2010-11-09 17:06:29.858]
ERROR 000110070158 WORKFLOW.ACTIVITY_ENGINE.ERR_
ActivityEngineHelper_invokeService21
ActivityEngineHelper.invokeService() caught exception while attempting
to execute service LightweightJDBCAdapterQuery
[2010-11-09
17:06:29.858]
ERROR 000000000000 GLOBAL_SCOPE [1289311589858] Index:
2, Size: 1
[2010-11-09 17:06:29.859] ERRORDTL
000000000000 GLOBAL_SCOPE
[1289311589858]java.lang.IndexOutOfBoundsException:
Index: 2, Size: 1
at java.util.ArrayList.add(ArrayList.java:394)
at com.servename.util.frame.jdbc.QueryParms.addParm(
QueryParms.java:55)
at com.servename.services.jdbc.lightweight.LightweightJdbcAdapterImpl.
processData(LightweightJdbcAdapterImpl.java:413)
at com.servename.workflow.activity.engine.ActivityEngineHelper.
invokeService(ActivityEngineHelper.java:1734)
at com.servename.workflow.activity.engine.ActivityEngineHelper.
nextMainLogic(ActivityEngineHelper.java:591)
at com.servename.workflow.activity.engine.ActivityEngineHelper.
next(ActivityEngineHelper.java:344)
at com.servename.workflow.queue.WorkFlowQueueListener.
doWork(WorkFlowQueueListener.java:324)
at com.servename.workflow.queue.WorkFlowQueueListener.
run(WorkFlowQueueListener.java:202)
at com.servename.workflow.queue.WorkFlowQueueListener.
onMessage(WorkFlowQueueListener.java:163)
at com.servename.workflow.queue.WorkFlowQueueListener.
onMessage(WorkFlowQueueListener.java:150)
at com.servename.workflow.queue.wfTransporter.
run(wfTransporter.java:355)
at com.servename.workflow.queue.BasicExecutor$Worker.
run(BasicExecutor.java:496)
at java.lang.Thread.run(Thread.java:811)
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5007 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - LWJDBC

Escalation ID: 00243108

Fix ID: 243933, 235870

Severity: Normal

Type: NormalFix

Build: 5007, 5102

InQuira ID: NFX10371

Title: Results from a SQL Server stored procedure in XML format is handled differently in Sterling Integrator 5.0

Description:

When using the XML format for the output of a stored procedure from SQL Server via a Lightweight JDBC Adapter, the data itself is returned differently on Sterling B2B Integrator Release 5.0 than it was on Gentran Integration Suite Release 4.3.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5007 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - LWJDBC

Escalation ID: 00248349

Fix ID: 243952, 236212

Severity: Normal

Type: NormalFix

Build: 5007, 5102

Adapters - MSMQ

InQuira ID: NFX10809

Title: With the system log set to "ON" for debug the MQ get process is failing with java.lang.nullpointerexception error

Description:

With the system log set to "ON" for debug the MQ get process is failing with java.lang.nullpointerexception error. With the system log to "OFF" the same process runs successfully.

Error Message:

java.lang.nullpointerexception in MQ get

Resolution:

Apply Sterling B2B Integrator Version 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - MSMQ

Escalation ID: 262102

Fix ID: 244003, 238230

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Adapters - OFTP

InQuira ID: NFX7039

Title: Data remains in OFTP_OBJECT table after communications failure. The data is not resent.

Description:

Failed communications session to outbound trading partner failed. The problem was caused by an invalid setup at the trading partner. This was corrected however the data remained in the OFTP_OBJECT table and was not sent when the OFTP_SCHEDULER ran.

Error Message:

No error message.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Version 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Workaround:

Apply these changes to jdbc.properties_OdetteFTP_ext.in and/or jdbc.properties_OdetteFTP_ext:

Find the following queries and replace with the examples below:

```
query.setLocksOverLPC
= UPDATE OFTP_OBJECT SET OBJECT_LOCK='L' WHERE
(STATUS='SCHEDULED'
OR STATUS='RETRY' OR STATUS='WAIT_ON_FORWARDING' OR
STATUS='RETRY_FORWARDING'
OR STATUS='RETRY_PENDING') AND OBJECT_LOCK='U'
AND LPC=? query.setLocksOverPPC
= UPDATE OFTP_OBJECT SET OBJECT_LOCK='L' WHERE
(STATUS='SCHEDULED'
OR STATUS='RETRY' OR STATUS='WAIT_ON_FORWARDING'
OR STATUS='RETRY_FORWARDING' OR STATUS='RETRY_PENDING')
AND OBJECT_LOCK='U'
AND PPC=? query.waitingObjects
= SELECT * FROM OFTP_OBJECT WHERE (STATUS='SCHEDULED'
OR STATUS='RETRY' OR STATUS='WAIT_ON_FORWARDING' OR
STATUS='RETRY_FORWARDING'
OR STATUS='RETRY_PENDING') AND (OBJECT_LOCK='U') AND PPC=?
```

Functional Area: Adapters - OFTP

Escalation ID: 91278

Fix ID: 244063, 240326, 200177

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX8518

Title: OFTP Transfer BP ends with status error "Resources not available", but despite the error the file is always sent to TP

Description:

Intermittently the OFTP send BP post a STATUS error of "08 Resources not available. The request for connection has been denied due to a resource shortage. The connection attempt should be retried later.", which is sent from the remote TP. But despite the BP status error the file is always sent to the TP and TP always respond by sending an EERP.

Customer says it is very confusing when their BP post a send file error, but the file is still sent to TP, verified at the TP. The customer wants to know why does his BP intermittently post this error and still send the file to the TP. The customer needs a method to verify at his end that the filename listed in his BP Process Data was actually transmitted to the remote TP and note the session id used to send that filename.

The OFTPResponse within OFTP failed send ProcessData indicates
<Status>skipped,

<Reason>Unknown reason code, <ReasonCode>0 .

<Prev_NotSuccess_Adv_Status>OFTP_SEND_FAILED </ WaitForEERP is set to 1440 in the profile. Running at Gentran Integration Suite 4.3 - patch 4318.

Error Message:

OdetteFTP.log when BP post status error:

```
[2010-02-09 07:07:34.594]
ERROR 000000000000 GLOBAL_SCOPE ei_offtp_internal_node1.
outbound.1197149_0000
(07:07:34:593) User monitor notifies end of session.
Session status
is: 08 Resources not available. The request for
connection has been
denied due to a resource shortage. The
connection attempt should
be retried later.
```

Resolution:

When the remote TP sends a response of "08 Resources not available. The request for connection has been denied due to a resource shortage. The connection attempt should be retried later.", it causes that session to end and the file is not sent to the remote TP on that particular BP session id, but the file is sent to the TP on a different session id which is running simultaneously during the same timeframe. The remote TP is replying with an ESID to customer's SSID at this time which is the root cause of the remote TP sending error "08 Resource not available.", but the ESID is a valid OFTP response if the remote TP choose not to allow a communication session to start at that time. We also found that the Gentran Integration Suite customer was running multiple OFTP send BPs simultaneously, and we strongly recommend OFTP BPs be submitted single threaded. QC 216772 is a new code change that enhances the OdetteFTP Adapter log by logging the OFTP send filename (filename also logged in the BP Process Data) and also log the associated session id that the file is sent on. With the fix applied, it allows you to correlate the filename that is transmitted to the remote TP to the filename listed in your BP Process Data and the send filename in the OdetteFTP adapter log will log the actual session id that the file was sent on. An example of the new log entry is:

```
[2010-06-24 12:09:55.847] INFO
000000000000 GLOBAL_SCOPE ei_offtp_internal_node1.outbound.810008_0000
(00:09:55:847) The OFTP File name being transferred is = Test_file.txt.
```

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - OFTP

Escalation ID: 141674

Fix ID: 243625, 224774, 224775

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX10829

Title: Invalid field validation on OFTP Setup

Description:

When setting up an Odette FTP Logical Partner Contract, there is a field for Record Delimiter on Part II of the setup. When the user selects 'Variable format binary file' or 'Fixed Format binary file', the Record Delimiter field defaults to a value of '-1,-1', which, according to the documentation, indicates that the system should "... use Operating system dependent default delimiter (13,10 for Windows and 10 for UNIX)". However, when the user attempts to go to the next page of the configuration, a validation box pops up saying that the Record Delimiter is not a valid value. It indicates that the only valid values are '0'-9', '-', or ','. The user cannot proceed to the next screen until they enter a value in the field other than the default, even if they wish to use the default values.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - OFTP

Escalation ID: 179020

Fix ID: 243586, 221421

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10830

Title: SQL error in the logs when using the OFTP adapter

Description:

When using the Odette FTP (OFTP) adapter, the below error may appear in the logs when the adapter attempts to send data. This particular error is for Oracle, but other a similar error may be logged with other databases.

Error Message:

```
[2010-05-25
01:52:54.871]
ERROR 000000000000 GLOBAL_SCOPE OFTPSendFile.outbound.XXXXXX
(01:52:54.871)
An Exception occurred in com.servername.services.
offtp.fsm.usermon.persistence.OFTPObjectTableProxy.findSentFile.
The reason is : java.sql.SQLException : ORA-00904: "T"."STATUS":
invalid identifier, java.sql.SQLException: ORA-00904: "T"."STATUS":
invalid identifier at oracle.jdbc.driver.
DatabaseError.throwSQLException(DatabaseError.java:112)
at oracle.jdbc.driver.T4CTTIoer.processError(T4CTTIoer.java:331)
at oracle.jdbc.driver.T4CTTIoer.processError(T4CTTIoer.java:288)
at oracle.jdbc.driver.T4C8Oall.receive(T4C8Oall.java:743)
at oracle.jdbc.driver.T4CPreparedStatement.do0a118(
T4CPreparedStatement.java:216)
at oracle.jdbc.driver.T4CPreparedStatement.executeForDescribe(
T4CPreparedStatement.java:799)
at oracle.jdbc.driver.OracleStatement.executeMaybeDescribe(
OracleStatement.java:1037)
at oracle.jdbc.driver.T4CPreparedStatement.executeMaybeDescribe(
T4CPreparedStatement.java:839)
at oracle.jdbc.driver.OracleStatement.doExecuteWithTimeout(
```

```
OracleStatement.java:1132)
at oracle.jdbc.driver.OraclePreparedStatement.executeInternal(
OraclePreparedStatement.java:3316)
at oracle.jdbc.driver.OraclePreparedStatement.executeQuery(
OraclePreparedStatement.java:3361)
at com.servename.services.oftp.fsm.usermon.persistence.
OFTPObjectTableProxy.
findSentFile(OFTPObjectTableProxy.java:2974)
at com.servename.services.oftp.fsm.usermon.AbstractDriver_UserMon.
findFileAndCalculateNextStatus(AbstractDriver_UserMon.java:765)
at com.servename.services.oftp.fsm.usermon.AbstractDriver_UserMon.
saveXERP(AbstractDriver_UserMon.java:426)
at com.servename.services.oftp.fsm.transitions.TransitionUM_A13.
switchTransition(TransitionUM_A13.java:182)
at com.servename.services.oftp.protocolEngine.ProtocolEngineTask.
run(ProtocolEngineTask.java:139) at
EDU.oswego.cs.dl.util.concurrent.PooledExecutor$Worker.run(Unknown
Source) at java.lang.Thread.run(Thread.java:595)
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - OFTP

Escalation ID: 181988

Fix ID: 243591, 222432

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10819

Title: OFTP UI does not provide functionality to copy and delete Odette FTP profiles

Description:

OFTP UI does not provide functionality to copy and delete Odette FTP profiles. Odette FTP Partner Profile UI screens do not allow a user to 'delete' profiles. The only option is to edit.

Error Message:

No error. Missing functionality

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - OFTP

Escalation ID: 190277

Fix ID: 243622, 224404

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10812

Title: Odette FTP adapter does not report details to process data in queue mode

Description:

When using outbound OFTP in queue mode the adapter does not report any feedback to process data regarding the number of files that were transferred to the partner.

Error Message:

No Error message. Process data does not get populated with status as expected.

Resolution:

Apply Sterling B2B Integrator Version 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - OFTP

Escalation ID: 184971

Fix ID: 243604, 223067

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10814

Title: Can not remove authentication certificate under Odette FTP Physical Partner profile

Description:

When you edit an OFTP profile you can deselect the certificate but when saved the cert is still showing up as being selected.

Error Message:

No error. Can't remove certificate from OFTP profile

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - OFTP

Escalation ID: 187210

Fix ID: 243609, 223621

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX7911

Title: OFTP Scheduler does not execute accurately.

Description: There seems to be a fairly random behavior occurring with the OFTPScheduler Service when it comes to executing BP's for all PPC's contained in PartnerProfile.xml. For some PPC's schedules are executed and BP's invoked. For others this is not the case.

Two behaviors are identified.

1. When set to unconditional, we do not always execute BP's/Schedules for PPC entries where TimeSchedule is set to "<Minutes>0,30</Minutes>"
2. When set to conditional (entries should exist in OFTP_OBJECT table) - we ignored two files which should have been sent. st is run without any data contained in OFTP_OBJECT - all PPC's are defined as "UnconditionalCall" which should mean that the BP's are invoked regardless of actual work to do (entries in the OFTP_OBJECT table)

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - OFTP

Escalation ID: 120404

Fix ID: 243563, 216089, 207781

Severity: Critical

Type: Normal Fix

Build: 4324, 5008, 5102

InQuira ID: NFX9132

Title: OFTP: File with Status Fail in the OFTP Queue and never being sent out / Mailbox method

Description:

What seems to be occurring is that when there is a delay in the message extraction from mailbox, the entry in OFTP_OBJECT is left in an invalid state which will not allow the message to be resent (by the scheduler) as it has been set to "fail" status rather than "RETRY_PENDING".

Error Message:

OFTP: File with Status

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - OFTP

Escalation ID: 180541

Fix ID: 243675, 227431, 224539,

Severity: Critical

Type: NormalFix

Build: 4324, 5008, 5102

Adapters - POP3

InQuira ID: NFX9706

Title: POP3 Adapters reads all the messages in the inbox at once.

Description: POP3 Adapters reads all the messages in the inbox at once and then processes the messages.

Resolution:

Apply Gentran Integration Suite Release 4.2, Build 4223 or later.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - POP3

Escalation ID: QC

Fix ID: 243559, 215309, 215308, 215307

Severity: Normal

Type: Normal Fix

Build: 4223, 4324, 5008, 5102

Adapters - SFTP

InQuira ID: NFX9782

Title: SFTP client cannot send to Sterling B2B Integrator SFTP Server after one successful upload because the file already exists

Description:

Using Sterling B2B Integrator 5.0 and build 5003. Sterling B2B Integrator is the SFTP server. The SFTP Client software is Bitwise Tunnelier. The SFTP client can upload one file.

Subsequent uploads fail until Sterling B2B Integrator is cycled. Customer is using mailbox.properties, disallowDuplicateMessages=true. The SFTP server log indicates the file the client is trying to upload already exists. The SFTP Client is not using a temporary name when uploading files.

Error Message:

SFTP Server log reports the exception below.

```
[2010-08-16 19:10:55.978]
ERROR 000000000000 GLOBAL_SCOPE An exception
occurred in openFile.
[2010-08-16 19:10:55.978]
ERROR000000000000 GLOBAL_SCOPE [1282003855978]
Exclusive open failed because the file already existed.
[2010-08-16 19:10:55.978]
ERRORDTL 000000000000 GLOBAL_SCOPE [1282003855978]java.io.IOException:
Exclusive open failed because the file already existed.
at com.servename.services.sftpserver.server.MessageReaderWriterBase.
  acquireFile(MessageReaderWriterBase.java:285)at
com.servename.services.sftpserver.server.MessageReaderWriter.
  <init>(MessageReaderWriter.java:59)
at com.servename.services.sftpserver.server.MessageReaderWriterFactory.
  getMessageReaderWriter(MessageReaderWriterFactory.java:61)
at com.servename.services.sftpserver.server.MessageOperation.
  open(MessageOperation.java:199)
at com.servename.services.sftpserver.server.MessageProvider.
  open(MessageProvider.java:100)
at com.servename.services.sftpserver.server.MailboxSystemProvider.
  openFile(MailboxSystemProvider.java:559)
at com.maverick.sshd.SftpSubsystem$_M.run(Unknown Source)
at com.maverick.sshd.SftpSubsystem$_T.A(Unknown Source)
at com.maverick.sshd.SftpSubsystem.onMessageReceived(Unknown Source)
at com.maverick.sshd.Subsystem.processMessage(Unknown Source)
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - SFTP

Escalation ID: 212123

Fix ID: 243712, 229659

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10988

Title: Mailbox last modification time is being shown as current time when using wild card characters in sftp

Description:

When listing directories using SFTP, the wildcard character usage leads to the system displaying the current time as the last modification time.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - SFTP

Escalation ID: QC

Fix ID: 243549, 210638

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10989

Title: Listing directories using sftp fails with NumberFormatException and client connection is disconnected

Description:

Listing directories using sftp fails with NumberFormatException and client connection is disconnected.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - SFTP

Escalation ID: QC

Fix ID: 243535, 205702

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10791

Title: Allow SFTP clients to log in without a virtual root

Description:

Using Sterling B2B Integrator 5.0 and build 5003. Allow SFTP clients to log into Sterling B2B Integrator SFTP server without having a virtual root. Allow the account access to SFTP without a virtual root being defined.

Error Message:

No errors are reported.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - SFTP

Escalation ID: 195014

Fix ID: 243632, 225177

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10328

Title: sftp client adapter configured to use Proxy with basic authentication does not work

Description:

Environment:

Sterling B2B Integrator 5.0 build 5003, OS AIX, DB Oracle 11g

Proxy Server: Blue Coat

SFTP Client Adapter configured to work with Proxy Server configured within the SFTP Client Adapter configuration.

Error Message:

```
sftpclient.log:
[2010-11-12 11:39:27.358]
DEBUG 000000000000 GLOBAL_SCOPE Session.beginSession(BSR,R,PT)
runnable entering.
[2010-11-12 11:39:27.479]
DEBUG 000000000000 GLOBAL_SCOPE Session.beginSession(BSR,R,PT)
opening PsSshTransport to XXX.XXX.XXX.XXX:8022
[2010-11-12 11:39:27.498]
DEBUG 000000000000 GLOBAL_SCOPE PsSshTransport.PsSshTransport(8)
entering with remoteAddr=[
XXX.XXX.XXX.XXX], remotePort=[22], localPorts=[null],
retries=[3], retryDelay=[10000].
[2010-11-12 11:39:27.505]
DEBUG 000000000000 GLOBAL_SCOPE
PsSshTransport.Agent.finishConnect(DC)
[2010-11-12 11:39:27.506]
DEBUG 000000000000 GLOBAL_SCOPE PsSshTransport.PsSshTransport(8)
got back good conduit.
[2010-11-12 11:39:27.616]
ERROR 000000000000 GLOBAL_SCOPE Session.beginSession(BSR,R,PT) runnable
caught exception
[2010-11-12 11:39:27.616]
ERROR 000000000000 GLOBAL_SCOPE [1289558367616]
Proxy tunnel setup failed: HTTP/1.1 407 Proxy Authentication Required
[2010-11-12 11:39:27.616]
ERRORDTL 000000000000 GLOBAL_SCOPE [1289558367616]java.io.IOException:
Proxy tunnel setup failed: HTTP/1.1 407 Proxy Authentication Required
at com.servername.ssh.maverick.PsSshTransport.<init>(
PsSshTransport.java:175)
at com.servername.services.sftpclient.client.Session$1.run(
Session.java:182)
at EDU.oswego.cs.dl.util.concurrent.PooledExecutor$Worker.run(
Unknown Source)
at java.lang.Thread.run(Thread.java:810)
[2010-11-12 11:39:27.616]
ERROR 000000000000 GLOBAL_SCOPE
Session.beginSession(BSR,R,PT) runnable caught exception java.io.
IOException:
Proxy tunnel setup failed: HTTP/1.1 407 Proxy Authentication Required
at com.servername.ssh.maverick.PsSshTransport.<init>(
PsSshTransport.java:175)
at com.servername.services.sftpclient.client.Session$1.run(
Session.java:182)
at EDU.oswego.cs.dl.util.concurrent.PooledExecutor$Worker.run(
Unknown Source)
at java.lang.Thread.run(Thread.java:810) [2010-11-12
11:39:27.616] ERROR 000000000000 GLOBAL_SCOPE
Session.failedSequence(S,R) Proxy tunnel setup failed: HTTP/1.1
407 Proxy Authentication Required
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - SFTP

Escalation ID: 247594

Fix ID: 243968, 236690

Severity: Critical

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX7545

Title: Admin is able to access sftp server even though he is restricted from accessing

Description:

In the sftp server adapter configuration, there is a page where we can restrict certain users to access the sftp server. On this page even though we restrict admin, it is still possible to access the sftp server.

Error Message: n/a

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - SFTP

Escalation ID: 108418

Fix ID: 244064, 240348, 204658

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX8864

Title: When using WS FTP client and the SFTP Server adapter an file transfer is delayed

Description: Using Gentran Integration Suite 4.3 and build 4318. WS FTP client experiences multiple thirty second delays when uploading a file to the Gentran Integration Suite SFTP server. These delays can cause the transfer of the file to double and even triple in time when compared to other SFTP Clients.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

ApplySterling B2B Integrator Release 5.0, Build 5008 or later.

ApplySterling B2B Integrator Release 5.1, Build 5102 or later.

The patch install will lay down upgraded Maverick jars files (SSHD Version 1.4.29 and J2SSH 1.4.26).

Functional Area: Adapters - SFTP

Escalation ID: 166837

Fix ID: 243581, 220550, 220890, 220549

Severity: Normal

Type: Normal Fix

Build: 4324, 5008, 5102

InQuira ID: NFX9687

Title: SFTP Client Begin Session Service hangs in Waiting I/O state if invalid port or SFTP host is used.

Description:

Gentran Integration Suite SFTP Client Begin Session Service hangs in Waiting I/O state if invalid port or SFTP host is used. The SFTP Client begin session is configured with the following retry logic.

```
<assign to="ResponseTimeout">60</assign>
```

```
<assign to="RetryDelay">15</assign>
```

```
<assign to="ConnectionRetries">2</assign>
```

Though ResponseTimeout is set to 60 seconds, the client is timed out only after around 4 minutes. However the sftp client should get timed out after response timeout set in the BP (i.e 60 sec.).

Resolution:

Apply Gentran Integration Suite Release 4.2, Build 4223 or later.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - SFTP

Escalation ID: 135452

Fix ID: 243631, 225101, 225095, 213411

Severity: Normal

Type: NormalFix

Build: 4324, 4223, 5008, 5102

InQuira ID: NFX9365

Title: Cute FTP Clients are unable to successfully login to Gentran Integration Suite SFTP server

Description:

Using Gentran Integration Suite version 4.3 and build 4322. The problem can also occur when using Sterling B2B Integrator 5.0. Gentran Integration Suite or Sterling B2B Integrator is the SFTP server. Clients using Cute FTP Client are unable to successfully login to the SFTP server. The SFTP Client is version Cute FTP 8.3/8.3.4.0007

Error Message:

No errors appears in logs. Network trace captured with wire shark indicates Gentran Integration Suite SFTP server did NOT send Protocol Version Message to the SFTP Client.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - SFTP

Escalation ID: 194698

Fix ID: 243658, 226381, 226380

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX9091

Title: Need ability for trading partners using a password policy to be prompted to change their password when using FTP, SFTP

Description:

Customer creating partner accounts (to be used in Sterling File Gateway) that have a password policy that requires partners to change their password upon first login. If you test this account using any communications protocol other than the myFileGateway website, the user is allowed to login and does not receive any

errors and this should not happen. A user whose password must be reset should not be allowed to log in via FTP, SFTP, etc. in this case. If you use the same user/password in myFileGateway UI, you are required to change the password. So it appears the password reset requirement only applies to myFileGateway logins.

Error Message:

None

Resolution:

This defect resolution is split into 2 defects to address issue in FTP and SFTP servers:

219112 - is used for FTP Server, fix committed to Sterling Integrator patch 5006.

221069 - is used for SFTP Server, fix committed to an upcoming Sterling Integrator patch.

219112 - is for FTP Server

As per FTP spec, there is no standard way using which an FTP server can force a client to enforce password change. RFC enforces client to take action based on the reply code and not on a text message. There is no specific reply code for this situation.

Solution is that server rejects the user with more meaningful message, when password needs to be changed due to policy, once the authentication is through. Rejection msg - 530 Password change required as per Policy. Please contact your system administrator

221069 - is for SFTP Server

SFTP Server does have support of force password change at the time of login.

Apply Sterling B2B Integrator, Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5102 or later.

Functional Area: Adapters - SFTP

Escalation ID: 158415

Fix ID: 243584, 221069, 219112, 233641,

Severity: Normal

Type: NormalFix

Build: 5006, 5008, 5101, 5102

Adapters - SMTP

Fix ID: 247997

Title: Mail client adapter retrieves all of the mail messages from the mail server even when the max message per session (xport-mailclient-maxmessage) parameter is set to retrieve only a specified number of mail messages.

Description:

When the "xport-mailclient-maxmessage" parameter is set to an integer value, the mail client is supposed to retrieve only the specified number of mail messages per session.

But now, the integer value is not being honored and it retrieves all the mail messages present on the mail server.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters

Escalation ID: QC

Severity: Normal

Type: NormalFix

Build: 5102

Adapters - SwiftNet

InQuira ID: NFX7009

Title: SwiftNet Server Adapter does not start when a Business Entity has an invalid password

Description:

In Gentran Integration Suite 4.3 build 4319, if SwiftNet Server Adapter is configured with two business entities with valid username/password. The adapter starts fine.

When you add a new business entity with invalid username/password, the adapter does not start. When the business entity with invalid username/password is deleted, the adapter starts fine.

Error Message:

Swiftnet log:-

```
ERROR 000000000000 GLOBAL_SCOPE [SwiftnetServerImp].startupAdapter()  
- The adapter [SWIFTNetServerAdapter_SWIFTNetServerAdapter_node1]  
cannot be started up. java.lang.Exception:  
Problem in starting MEFGSwiftnetServer at
```

```

com.servename.services.swiftnet.server.
  SwiftnetServerImpl.startupAdapter(SwiftnetServerImpl.java:306)
at com.servename.services.swiftnet.server.SwiftnetServerImpl.
  refreshAdapter(SwiftnetServerImpl.java:373)
at com.servename.services.IAdapterImpl.refresh(IAdapterImpl.java:159)
at sun.reflect.NativeMethodAccessorImpl.invoke(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(
NativeMethodAccessorImpl.java:64)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(
DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:615)
at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:309)
at sun.rmi.transport.Transport$1.run(Transport.java:168)
at java.security.AccessController.doPrivileged(AccessController.java:275)
at sun.rmi.transport.Transport.serviceCall(Transport.java:164)
at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:506)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.
handleRequest(TCPTransport.java:838)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(
TCPTransport.java:912)
at java.lang.Thread.run(Thread.java:801)DEBUG
000000000000 GLOBAL_SCOPE [SwiftnetServerImpl]*****
Start up process fail to complete, shutting down *****

```

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4322 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

A new Parameter "Start MEFG SWIFTNet despite errors" has been added to SWIFTNet Server Adapter which when enabled, adds the following functionality:

- Allow the server to start on error and notify the administrator of Sterling Integrator in the event of an error.
- The information of invalid BE's and Queues is written to SWIFTNet Start Up log (on Sterling Integrator side)

Functional Area: Adapters - SwiftNet

Escalation ID: 088539

Fix ID: 243528, 202498, 203748

Severity: Critical

Type: NormalFix

Build: 4322, 5008, 5102

Adapters - WebDAV

InQuira ID: NFX10159

Title: WebDav client fails with "Document in the folder are not available. The folder may have been moved or deleted".

Description:

Windows XP WebDav client fails with error - "Document in the folder are not available. The folder may have been moved or deleted". This problem occurs if the name of a document in the root directory contains one or more high ASCII characters such as ampersand.

Resolution:

Apply Gentran Integration Suite 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - WebDav

Escalation ID: 208455

Fix ID: 243725, 230938, 228019

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

Adapters - WebSphereMQ

InQuira ID: NFX8479

Title:

WebSphere MQ adapters do not reconnect when the WebSphere server is moved over to another MSCS cluster node

Description:

2 node MSCS cluster runs WebSphere, and Gentran Integration Suite connects to that cluster to communicate with WSMQ. Whenever one of the nodes in the MSCS cluster is taken down and WSMQ resources are failed over to the other node, Gentran Integration Suite loses the ability to connect to WSMQ and all the WSMQ adapters get disabled.

The Gentran Integration Suite Websphere MQ adapters are not reconnecting after the Websphere MQ MSCS cluster server goes down and comes back up. Websphere MQ in the customer's environments is in a MSCS cluster and they are moving it back and forth between the 2 servers, then the Gentran Integration Suite Websphere MQ adapters are not reconnecting after the server is moved to the next server or if one of the servers is shutoff and restarted. The customer started experiencing this adapter reconnection problem in their old 4.0 cluster environment using Gentran Integration Suite WebSphere MQ Adapters only after they upgraded their Websphere MQ MSCS cluster server from 6.0.1.2 to 6.0.2.8. They also can recreate this reconnection problem using their Gentran Integration Suite cluster at build 4319+hotfixes.

Error Message:


```

[2010-02-24 18:32:05.705] ERROR 000000000000
GLOBAL_SCOPE <WebSphereMQServerImpl-18944148> MQException in
doRcv: reasonCode=2202com.ibm.mq.MQException:
MQJE001: Completion Code 2, Reason 2202
at com.ibm.mq.MQQueue.get(MQQueue.java:1041)
at com.servename.services.websphereMQ.WebSphereMQServerImpl.
doRcv(WebSphereMQServerImpl.java:319)
at com.servename.services.websphereMQ.WMQAsyncThread.
run(WMQAsyncThread.java:58)
[2010-02-24 18:32:05.861]
ERROR 000000000000 GLOBAL_SCOPE <WebSphereMQServerImpl-29859736>
MQException in doRcv: reasonCode=2162com.ibm.mq.MQException:
MQJE001: Completion Code 2, Reason 2162 at
com.ibm.mq.MQQueue.get(MQQueue.java:1041)at
com.servename.services.websphereMQ.WebSphereMQServerImpl.
doRcv(WebSphereMQServerImpl.java:319)
at com.servename.services.websphereMQ.WMQAsyncThread.run(
WMQAsyncThread.java:58) [2010-02-24 18:32:05.861]
ERROR 000000000000 GLOBAL_SCOPE <WebSphereMQServerImpl-859736>
Exception during backoutcom.ibm.mq.MQException:
MQJE001: Completion Code 2, Reason 2009
at com.ibm.mq.MQQueueManager.backout(MQQueueManager.java:2326)
at com.servename.services.websphereMQ.WebSphereMQServerImpl.
doRcv(WebSphereMQServerImpl.java:495)
at com.servename.services.websphereMQ.WMQAsyncThread.run(
WMQAsyncThread.java:58)

```

Resolution

Fix resolves this reported reconnection issue that started only after an upgrade of WSMQ Server from version 6.0.1.2 to 6.0.2.8. This was a MSCS Cluster server environment. With this fix applied, the Gentran Integration Suite WebSphere MQ adapters will now handle the response error code 2009 properly

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Adapters - WebSphereMQ

Escalation ID: 139301

Fix ID: 243667, 226687, 215587

Severity: Critical

Type: NormalFix

Build: 4324, 5008, 5102

Admin User Interface (UI)

InQuira ID: NFX10990

Title: Default archive settings of a business process not carried over to a new version of the business process

Description:

The default archive settings of a business process is not carried over to a new version of the business process delivered through a patch release.

If you edit the Business Process preserve attribute settings before applying this patch and then apply this patch, the checksum tool still considers the business process as modified and leaves the custom edited version as default.

Error Message:

None

Workaround:

Manually change the default settings after applying the patch.

Preserve attributes: status, deadline_interval, firstNotify, secondNotify, lifespan, removal_method (from DB), persistence_level (from DB), recoveryLevel (from DB), Asyncmode, transaction, transCommitOnError, wfd_options, eventlevel, storagetype, visibility

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Admin UI

Escalation ID: QC

Fix ID: 244011, 238579

Severity: Critical

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX3434

Title: Gentran Integration Suite Autho tag returns true, if the permission is not assigned to the user

Description:

The autho tag returns true, if the permission is not assigned to the user but Permission exists in the system.

JSP

```
...
<sec:autho
permission="test_permission" user="<%=username%>"checkExistence="true">
<b>Permission test_permission exists, but not assigned to user, not authorized</b>
<br/>
</sec:autho>
.....
```

Error Message:

no error message, but ""Permission test_permission exists, but not assigned to user, not authorized" is displayed

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Admin UI

Escalation ID: 024963

Fix ID: 243538, 206583, 195272,

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX10344

Title: Unable to see the Database MB Usage chart on Database Usage screen.

Description:

Unable to see the Database MB Usage chart (Admin Console -> Operations -> System -> Troubleshooter -> Database Usage) after installing SI5005 installation with external MySQL.

Error Message:

You do not have enough database permissions to view this chart.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Admin UI

Escalation ID: 248443

Fix ID: 243966, 236563

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10838

Title: Potential issue with unfiltered query when accessing the Tracker

Description:

Under certain rare circumstances, when manually executing a Business Process, it may accidentally redirect to the URI /ws/Tracker, which will produce a list of all steps of all executing Business Processes. The exact reason for this issue can be one of many causes, and may be related to issues with a browser error or the browser crashing. Accessing this URI can cause processing to drastically slow down, and could even lead to memory issues on older versions. Please note that this URI is never called in this manner during the normal operation of the system.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Admin UI

Escalation ID: 256066

Fix ID: 243988, 237249

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Advanced File Transfer

InQuira ID: NFX10113

Title: Audit report does not report information about the reviewer of Advanced File Transfer routes.

Description:

Using Gentran Integration Suite version 4.3.0 build 4319. After a user reviews an Advanced File Transfer route there is no reporting of the reviewer information. There is no ability to audit reviewed Advanced File Transfer routes. This allows users to anonymously review routes and not replay the route.

Sterling File Gateway does not offer this functionality either.

Error Message:

No error messages

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Advanced File Transfer

Escalation ID: 69287

Fix ID: 244066, 240486, 200460

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX5803

Title: System certificate is not being passed during FTPS even though the system certificate is selected in the Transports

Description:

Using Gentran Integration Suite version 4.2 and build 4204. This problem was also observed using Gentran Integration Suite version 4.3 build 4319 and Sterling File Gateway. In Advanced File Transfer and Sterling File Gateway when setting up a Partner and selecting FTPS as the method of communication there is not a field available to select the Gentran Integration Suite system certificate. For this connection the system certificate must be presented for Client Authentication during the FTPS connection to the Trading Partner's FTPS Server. The workaround is to edit the The Advance Trading Partner setup and modify the Transport to select the system certificate. However when using this procedure, during the connection the system certificate is not being presented by the FTP Client Begin Service and the connection fails with Authorization Errors.

Error Message:

The Business Process Detail Report shows the error - Control Connection has been closed unexpectedly

Resolution:

Apply Gentran Integration Suite Release 4.2, Build 4222 or later.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Advanced File Transfer

Escalation ID: 38047

Fix ID: 243545, 207962, 207961, 184684

Severity: Normal

Type: NormalFix

Build: 4222, 4324, 5008, 5102

Alert Service

InQuira ID: NFX8591

Title: The Alert Service may report on the same processes each time it runs after reporting on a process with over 1,000 steps

Description:

When the Alert Service attempts to notify the user on an issue with a process that has more than 1,000 steps, the Alert Service may fail. In addition, once the Alert Service begins to fail, it may continue to alert the user on the same processes until the offending process is removed.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Alert Service

Escalation ID: 155861

Fix ID: 243568, 217654, 216652,

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

Alert Service

InQuira ID: NFX8591

Title: The Alert Service may report on the same processes each time it runs after reporting on a process with over 1,000 steps

Description:

When the Alert Service attempts to notify the user on an issue with a process that has more than 1,000 steps, the Alert Service may fail. In addition, once the Alert Service begins to fail, it may continue to alert the user on the same processes until the offending process is removed.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Alert Service

Escalation ID: 155861

Fix ID: 243568, 217654, 216652,

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

Archiving

Fix ID: 244668

Title: Sterling B2B Integrator 5101 archiving issue when default document storage = File System

Description: The default document storage is set to FS in the customer_overrides.properties file. Certain BPs are selectively configured to be archived after 1 hour. When the BackupService runs (after the BP has expired), the database records seem to be backed up correctly. However, the document (as a physical file at the document folder) does not get copied to the folder arc_data.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Archiving

Escalation ID: 295341

Severity: Normal

Type: NormalFix

Build: 5102

AS2

InQuira ID: NFX8795

Title: AS2 communication erroring out with: [User: PARTNER_B2B does not have permissions for mailbox: /Inbound].

Description:

AS2 communication (inbound) erroring out with following error message:

```
ERROR
MailboxAddService - Caught exception of type
[com.sterlingcommerce.woodstock.mailbox.repository.
InsufficientMailboxPermissionException],
with message [User: PARTNER_B2B does not have
permissions for mailbox: /Inbound].
AS2 outbound communication working fine.
```

Error Message:

```
ERROR
MailboxAddService - Caught exception of type
[com.sterlingcommerce.woodstock.mailbox.repository.
InsufficientMailboxPermissionException],
with message [User: PARTNER_B2B does not
have permissions for mailbox: /Inbound].
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later

Functional Area: AS2

Escalation ID: 165107

Fix ID: 243572, 218591

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9730

Title: Gentran Integration Suite 4.3-4321 - canned BP AS2 Send Spawner BPs incorrectly sends messages when the partner contract is locked

Description:

The canned BPs MailboxAS2SendSyncMDNSpawner, MailboxAS2SendAsyncMDNSpawner and MailboxAS2SendNoMDNSpawner check if the AS2 contract for the partner is locked (check the bpml). If the contract is locked then the BP will only perform a MailboxUpdate to 'Resubmit' the message to insure it is available for routing once again. (so the message stays on the mailbox) and it does not send the message to the partner. However, when there are multiple messages on the AS2 mailbox, then the first message does not get sent as expected, but the rest do. That is not the correct procedure as we understand that such mechanism to not send messages when the contract is locked was intentionally put in place to prevent flooding the Gentran Integration Suite queues with BPs that would be waiting on an AS2 partner who is down.

Error Message:

No error message. However messages get sent when the AS2 partner is locked.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: AS2

Escalation ID: 195435

Fix ID: 243666, 226614, 225129

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX9786

Title: Mailbox Correlate Document Service in the MailboxAS2Add BP throws Mailbox Message Not Found Error

Description:

The Mailbox Correlate Document Service in the out of the box MailboxAS2Add BP throws Mailbox Message Not Found Error. The scenario which causes this to happen is a Routing Rule BP being invoked after the Mailbox Add Service uploads a message id to a mailbox. The Routing Rule BP does a Mailbox Extract and then a Mailbox Message Delete on the Message ID. The MailboxAS2Add BP had not yet processed the Mailbox Correlate Document Service by the time the Message ID had been deleted so therefore the Mailbox Message Not Found Error is thrown because the Message ID no longer exists.

Error Message:

No error message.

Mailbox Log Error:

```
ERROR 000000000000 GLOBAL_SCOPE [MailboxCorrelateDocumentService]
- setting WFC Status to ERROR with Advanced Status
[Mailbox Message
Not Found Error] com.sterlingcommerce.woodstock.mailbox.
repository.MessageNotFoundException: Message
ID 10118 is not known.
at com.sterlingcommerce.woodstock.mailbox.impl.repositoryImpl.
RepositoryDB$2.
body(RepositoryDB.java:370)
at com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation._run(
DatabaseOperation.java:254)
at com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation.run(
DatabaseOperation.java:121)
at com.sterlingcommerce.woodstock.mailbox.impl.repositoryImpl.
RepositoryDB.readMessage(RepositoryDB.java:341)
at com.sterlingcommerce.woodstock.mailbox.impl.repositoryImpl.
RepositoryDB.readMessage(RepositoryDB.java:327)
at com.sterlingcommerce.woodstock.mailbox.impl.repositoryImpl.
MessageManager.getMessage(MessageManager.java:95)
at com.sterlingcommerce.woodstock.mailbox.impl.repositoryImpl.
RepositoryImpl.getMessage(RepositoryImpl.java:897)
at com.sterlingcommerce.woodstock.mailbox.impl.repositoryImpl.
RepositoryImpl.correlateMessageToDocument(RepositoryImpl.java:587)
at com.sterlingcommerce.woodstock.services.mailbox.
```

```
MailboxCorrelateDocumentService.  
  primitiveProcessData(MailboxCorrelateDocumentService.java:122)  
at com.sterlingcommerce.woodstock.services.mailbox.MailboxService$.  
  run(MailboxService.java:109)  
at com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation.  
  runContained(DatabaseOperation.java:106)  
at com.sterlingcommerce.woodstock.services.mailbox.MailboxService.  
  processData(MailboxService.java:107) at com.sterlingcommerce.  
woodstock.workflow.activity.engine.ActivityEngineHelper.  
  invokeService(ActivityEngineHelper.java:1774)  
at com.sterlingcommerce.woodstock.workflow.activity.engine.  
ActivityEngineHelper.nextMainLogic(ActivityEngineHelper.java:644)  
at com.sterlingcommerce.woodstock.workflow.activity.engine.  
ActivityEngineHelper.next(ActivityEngineHelper.java:371)  
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.  
  doWork(WorkFlowQueueListener.java:328)  
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.  
  run(WorkFlowQueueListener.java:202)  
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.  
  onMessage(WorkFlowQueueListener.java:163)  
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.  
  onMessage(WorkFlowQueueListener.java:149)  
at com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(  
wfTransporter.java:354)  
at com.sterlingcommerce.woodstock.workflow.queue.  
BasicExecutor$Worker.run(BasicExecutor.java:496)  
at java.lang.Thread.run(Thread.java:801)
```

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: AS2

Escalation ID: 216018

Fix ID: 243745, 232074, 230087

Severity: Normal

Type: NormalFix

Build: 4325, 5008, 5102

InQuira ID: NFX9378

Title: Race condition in AS2 File System Adapter process with multiple files and failed connections

Description:

When Gentran Integration Suite attempts to transfer multiple files over AS2 to the same trading partner and more than one fails on the first try this causes multiple BPs to go into wait/retry loop. A race condition can occur where one BP creates a lock that causes the other BP's to fail trying to set the same lock. In other words, if FSA collects 4 files from outbound folder, it will kick off 4 AS2SendSyncProcesses simultaneously. If for some reason TP site is not available, then first process will fail at HTTPPost and will create a lock in child process AS2ProcessandSendSyncMDN. Next 3 processes will fail with Lock Exists. It seems

like in this process only first As2SendSyncProcess will be successful if TP site is available and next 3 processes should be restarted manually every time they fail.

Error Message:

No error message.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: AS2

Escalation ID: 190272

Fix ID: 243836, 234428, 232960, 229796, 227333

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX10811

Title: Reporting of Async AS2 messages

Description:

For ASYNC MDN process the BP AS2SendAndProcessAsyncMDN sets process data element transaction status to 'not sent' when an error occurs. This is presumptuous in that the document may have been successfully sent and the 200 response not received.

Error Message:

n/a

Resolution:

Corrected the AS2SendAndProcessAsyncMDN to set the <transactionstatus> to "Pending" and once the transaction is successful, update the <transactionstatus> to "processednoerrors" or in the case the communication fail, the <transactionstatus> will remain at "Pending."

Apply Sterling B2B Integrator, Release 5.0 Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: AS2

Escalation ID: 117470

Fix ID: 243548, 208452

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10815

Title: AS2 Partner Wizard does not provide enough scheduling flexibility. AS2 wizard overwrites schedule.

Description:

AS2 Partner Wizard does not provide enough scheduling flexibility. AS2 wizard overwrites schedule and the AS2 partner wizard does not provide as much flexibility as the standard Deployment -> Schedules UI. FIX: If a user edits AS2 Profile, and as long as user does not make any changes to the scheduled time (Hour/Minute), then we will not override the scheduler (so any manual changes in scheduler such as excludes will stay).

Error Message:

No error message. Schedule is overwritten incorrectly.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: AS2

Escalation ID: 123289

Fix ID: 243551, 213128

Severity: Normal

Type: NormalFix

Build: 5008, 5102

ASI

InQuira ID: NFX10317

Title: Error with Lock Service after EDI Envelope runs the first time after system restart

Description:

The EDI Envelope service, when run for the first time in Deferred mode after a system restart, appears to delete all Locks. The customer had noted that their Purge and Index (running on the default 10 minute schedule) would fail on the

first execution after a system restart. Investigating the issue, it was found that they had a BP scheduled that would run the EDI Envelope process in Deferred mode, also on the same interval (every 10 minutes). When this BP executed, if the Index and Purge did not finish before the enveloping step, then the Index or Purge process could fail with a 'No Lock Exists By That Name' error.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: ASI

Escalation ID: 236619

Fix ID: 243956, 238139, 236333

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Connect Direct Interop

Fix ID: 243637, 225632

Title: CD BP Response timeout

Description:

CD BP Response Service times out after 60 seconds. This means sessions from remote CD Nodes which call the service fail if the copy function takes longer than 1 minute to extract the message or do whatever else it needs to do before calling the CD BP Response Service.

The 60 second timeout value is defined in ReadFromBP.java. In the code it looks like this value should be configurable but there is no CD client service in SI where bpTimeout can be defined.

Error Message:

```
JGIS027I Business
Process Timeout Error An internal error has
been detected when accessing the document
in Business Process in GIS.SYSTEM ACTION:
Timed out waiting to get document from a Business
Process in GIS.RESPONSE: Please collect
the GIS "Connect:Direct Server" log files
and contact Sterling Commerce Customer Support. Check
the Business Process in GIS.cdinterop.log[2010-07-09
12:11:42.702]
DEBUG 000000000000 GLOBAL_SCOPE ReadFromBP.preCopy()-
For sessionId = LM_CDSA_5003_CDSEVER_ADAPTER_node1S00003331500810L1:930
- about to launch business process [SJS_DEV_AssignGenDoc] with document
name [2166828] and wait..
[2010-07-09 12:11:42.702]
DEBUG 000000000000 GLOBAL_SCOPE CDServer.registerBPInvokerAgent()
- The key and Agent are : LM_CDSA_5003_CDSEVER_ADAPTER_
node1S00003331500810L1_CopyHandler,
class com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.
```

```

copy.CopyHandler
[2010-07-09
12:12:42.764] ERROR 000000000000 GLOBAL_SCOPE ReadFromBP.preCopy()
- got TimeoutException exception from FutureResult for
Session Id= LM_CDSA_5003_CDSEVER_ADAPTER_node1S00003331500810L1:
930Exception=null
BP did not call back within 60 seconds ; Thread=Thread-1602
ERROR
000000000000 GLOBAL_SCOPE [1278670362764] null
[2010-07-09
12:12:42.764] ERRORDTL 000000000000 GLOBAL_SCOPE
[1278670362764]EDU.oswego.cs.dl.util.concurrent.TimeoutException
at EDU.oswego.cs.dl.util.concurrent.FutureResult.timedGet(
Unknown Source)~at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.copy.
ReadFromBP.preCopy(ReadFromBP.java:201)at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.copy.
CopyHandler.initiate(CopyHandler.java:269)at
com.sterlingcommerce.cd.oemglue.GISFileSystem.initiate(
GISFileSystem.java:288)at
com.sterlingcommerce.cd.oemglue.GISDataMgr.<init>(
GISDataMgr.java:131)at
com.sterlingcommerce.cd.oemglue.SnodeSessionMediator.getDataMgr(
SnodeSessionMediator.java:365)at
com.sterlingcommerce.cd.cdjava.CdCopier.getFileToWrite(
CdCopier.java:495)at
com.sterlingcommerce.cd.cdjava.CdCopier.copySnode(
CdCopier.java:341)at
com.sterlingcommerce.cd.cdjava.CdSnApi.handleFM71Copy(
CdSnApi.java:1233)at
com.sterlingcommerce.cd.cdjava.CdSnApi.handleFM71(
CdSnApi.java:909)at
com.sterlingcommerce.cd.cdjava.CdSnApi.handleSteps(
CdSnApi.java:880)at
com.sterlingcommerce.cd.cdjava.CdSnApi.handleProcesses(
CdSnApi.java:765)at
com.sterlingcommerce.cd.cdjava.CdSnApi.beSnode(
CdSnApi.java:100)at
com.sterlingcommerce.cd.cdjava.CdSnApi.beSnode(
CdSnApi.java:458)at
com.sterlingcommerce.cd.oemglue.SnodeSessionMediator.
beTheNode(SnodeSessionMediator.java:105)at
com.sterlingcommerce.cd.oemglue.SnodeSessionMediator.
beTheNode(SnodeSessionMediator.java:538)at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.
CDServer.notify(CDServer.java:1698)at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.
CDServerListener$Notifier.run(
CDServerListener.java:212)
The CDSA returns the status
Service Name: Connect:Direct
Server BP Response Service
ERROR CDServerBPResponseService
- Caught exception of type
[com.sterlingcommerce.woodstock.cdinterop.CDInteropException],
with message
[ There has to be a Agent to notify. No Agent !!! ].

```

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Connect Direct Interop

Escalation ID: 197222

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10029

Title: Receiving error when TLS or SSL is enabled in the Connect Direct Requester

Description:

Receiving error when TLS or SSL is enabled in the Connect Direct Requester

Error Message:

Error in status report:

```
ERROR 000000000000 GLOBAL_SCOPE  
CDRequesterAdapterLittleAImpl.startupAdapter() - Required Parameter  
CDINTEROP_SECUREPLUS_cipher_suites Missing
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Connect Direct Interop

Escalation ID: 229936

Fix ID: 243798, 232961

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9913

Title: Columns in the CD_NODE table have 'asset' as the data content:
CREATEUSERID MODIFYUSERID

CREATEPROGID MODIFYPROGID

Description:

Sterling B2B Integrator version 5.0 Columns in the CD_NODE table have 'asset' as the data content:

CREATEUSERID MODIFYUSERID CREATEPROGID MODIFYPROGID

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Connect Direct Interop

Escalation ID: 223298

Fix ID: 243752, 232217

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9363

Title: Connect direct server adapter conversion generating incorrect nodes in Sterling B2B Integrator 5.0

Description:

When importing a CDSA adapter from a previous version of Gentran integration Suite into Sterling Integrator 5.0, you can edit the adapter and choose to convert its nodes into the new netmap feature of Sterling B2B Integrator 5.0, when doing this conversion and if there are nodes which name is contained in another node name (per example: ABC and ABCDEF), the first node is incorrectly created, parameters like IP address and port are missing.

Error Message:

When trying to edit the node or related cross reference you get the error:

Unable to retrieve C:D Node information

When clicking on the node name to view the details you get the error:

Processing error has occurred. Please contact system administrator and check system logs for more details.: java.lang.NullPointerException

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Connect Direct Interop

Escalation ID: 193246

Fix ID: 243655, 226229

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX8697

Title: Out of Memory error when SQL Server database fails over to second database node.

Description:

Gentran Integration Suite does not reconnect to the second SQL Server 2005 database node and causes out of memory errors. Restart of Gentran Integration Suite is needed to recover from the Out of Memory.

Error Message:

```
[2010-03-10 20:56:43.33]
ALL 000000000000 GLOBAL_SCOPE Exception in thread "Timer-5"
[2010-03-10 20:56:43.33]
ALL 000000000000 GLOBAL_SCOPE java.lang.OutOfMemoryError:
unable to create new native thread
[2010-03-10 20:56:43.33]
ALL 000000000000 GLOBAL_SCOPE
[2010-03-10 20:56:43.33]
ALL 000000000000 GLOBAL_SCOPE
at java.lang.Thread.start0(Native
Method)
[2010-03-10 20:56:43.33]
ALL 000000000000 GLOBAL_SCOPE
at java.lang.Thread.start(Thread.java:574)
[2010-03-10 20:56:43.33]
ALL 000000000000 GLOBAL_SCOPE
at com.sterlingcommerce.woodstock.util.frame.schedule.
ScheduleWorkerThread.run(ScheduleWorkerThread.java:53)
[2010-03-10 20:56:43.33]
ALL 000000000000 GLOBAL_SCOPE
at java.util.TimerThread.mainLoop(Timer.java:512)
[2010-03-10 20:56:43.33]
ALL 000000000000 GLOBAL_SCOPE
at java.util.TimerThread.run(Timer.java:462)
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Connect Direct Interop

Escalation ID: 153704

Fix ID: 243795, 232771

Severity: Critical

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9915

Title: RunJob/RunTask services run correctly even though Connect Direct session has been terminated

Description: When using a Connect Direct Begin Session service and an End Session service, it is possible to use RunJob/RunTask services after the session is

closed. The RunJob/RunTasks are successful even though they are using the original session id for the session that has been closed.

Error Message: A RunTask is an asynchronous process so the step is executed and a XSMG402I is reported in the logfile indicating the step was executed. The BP details shows that a file cannot be found, this is correct because the session has been terminated and therefore the file can't be found.

Resolution: Now, the CDSA restricts service invocations to the session to which they belong; if the session has been closed, then the service fails with "SessionNotFoundException" indicating that the session context has been closed or the session does not exist.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Connect Direct Interop

Escalation ID: 215507

Fix ID: 243884, 235250, 231946,

Severity: Normal

Type: Normal Fix

Build: 4324, 5008, 5102

InQuira ID: NFX10226

Title: Retry/Restart count/intervals are not picked up in CDInterop_CopyToWithLoop Business Process

Description: Retry/Restart count/intervals are not picked up in CDInterop_CopyToWithLoop Business Process. These values are stored in the SessionToken element in ProcessData.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Connect Direct Interop

Escalation ID: QC

Fix ID: 243812, 233999, 233815

Severity: Normal

Type: Normal Fix

Build: 4324, 5008, 5102

InQuira ID: NFX9173

Title: Documents advanced search not displaying all fields for Outbound C:D transfers

Description: When doing a search via the Document advanced search UI for an outbound document transferred via Connect Direct, the fields "Receiver" and "Secondary Node Name" are empty.

For Inbound documents, all fields are displayed correctly.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Connect Direct Interop

Escalation ID: 188111

Fix ID: 243685, 228130, 224864

Severity: Normal

Type: Normal Fix

Build: 4324, 5008, 5102

InQuira ID: NFX10817

Title: Issue with Connect Direct Server Adapter FileSystem storage and encryption enabled.

Description:

When CDSA FileSystem storage and encryption (security.ENC_DECR_DOCS=ENC_FS) is enabled then the files received via Connect Direct Server Adapter are stored by default in database and not on FileSystem.

If no encryption is used the files are stored correctly on FS.

Error Message:

CDSA debug logs:

DocumentWritingConduitImpl.DocumentWritingConduitImpl(filesysPersist=false)

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Connect Direct Interop

Escalation ID: 238138

Fix ID: 243996, 237829

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10029

Title: Receiving error when TLS or SSL is enabled in the Connect Direct Requester

Description:

Receiving error when TLS or SSL is enabled in the Connect Direct Requester

Error Message:

Error in status report:

```
ERROR 000000000000  
GLOBAL_SCOPE CDRequesterAdapterLittleAImpl.startupAdapter() - Required  
Parameter CDINTEROP_SECUREPLUS_cipher_suites Missing
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Connect Direct Interop

Escalation ID: 229936

Fix ID: 243798, 232961

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10043

Title: Explain the meaning and details of the Connect Direct reports in the cdinteropt.cdjava after a CopyTo service

Description:

Using Gentran Integration Suite 4.3 and Sterling B2B Integrator 5.0. When verbose logging is enable for Connect Direct Server Adapter Protocol Layer after a CopyTo service a report is generated. Please explain the meaning and details of the report. A sample report is below.

Error Message:

```

2010-09-15
08:08:11.939] DEBUG 000000000000 GLOBAL_SCOPE Sterling_CDSA_N1_CDSEVER
_ADAPTER_node1P0002345871598L27
CopyStatus msgid:SCPA000I, rc:0, bytes:302731265, processNum:2,
elap(Seconds):108.726, rate(Char per second):2784350.247410923
Copy Performance - per thousand bytes transfered Premo
Collection: "Non Copy"
Sample DF: 302730.265
Sample Sum: 0.0
Sample Low: 0.0
Sample High: 0.0
Sample Mean: 0.0 Premo
Collection: "Copy Mainline"
Sample DF: 302730.265
Sample Sum: 4437.0
Sample Low: 0.0
Sample High: 313.0
Sample Mean: 0.014656563470575132
Premo Collection: "Network/PS"
Sample DF: 302730.265
Sample Sum: 95740.0
Sample Low: 0.0
Sample High: 3963.0
Sample Mean: 0.31625408759812107
Premo Collection: "ZLIB"
Sample DF: 302730.265
Sample Sum: 0.0
Sample Low: 0.0
Sample High: 0.0
Sample Mean: 0.0
Premo Collection: "File Input/Output"
Sample
DF: 302730.265
Sample Sum: 5193.0
Sample Low: 0.0
Sample High: 27.0
Sample Mean: 0.01715382783472992
Premo Collection: "Tracing"
Sample DF: 302730.265
Sample Sum: 1166.0
Sample Low: 0.0
Sample High: 7.0
Sample Mean: 0.0038516008579424395
Premo Collection: "Record -- Translation"
Sample DF: 302730.265
Sample Sum: 1342.0
Sample Low: 0.0
Sample High: 1.0
Sample Mean: 0.0044329745723488455
Premo
Collection: " -- Copy"
Sample DF: 302730.265
Sample Sum:577.0
Sample Low: 0.0
Sample High: 1.0
Sample Mean: 0.0019059808705255467
Premo Collection: "Ckpt"
Sample DF: 302730.265
Sample Sum: 13.0
Sample
Low: 0.0
Sample High: 13.0
Sample Mean: 4.294237663229135E-5
Capture Ratio: 1.0
"Non Copy"
| 0 "Copy
Mainline" | ****

4 "Network/PS"
| *****
*****

```

```
      88 "ZLIB"
      |      0 "File"
Input/Output" | *****
      5 "Tracing"
      | *
-- Translation" | *
      |
-- Copy" | *      1 "Ckpt"
      |
0
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

The information was not accurate. The report is no longer generated.

Functional Area: Connect Direct Interop

Escalation ID: 232232

Fix ID: 243997, 237834

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Correlation Search

InQuira ID: NFX10389

Title: The OverdueAckCheck process may run slower and slower while the system is processing

Description:

If the OverdueAckCheck process is set to run on a schedule, it may begin to run slower and slower throughout the day. This could continue until the application is restarted.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Correlation Search

Escalation ID: 1367813

Fix ID: 243867, 235086, 35603

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

Documentation

InQuira ID: NFX11061

Title: Web Service Example - Stock Quote Service

Description: The example business process to create a Web services consumer for the Stock Quote service was incorrect in the Web Services documentation

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

See the Sterling B2B Integrator 5.0 Web Services page for information on creating a Web services consumer for the Stock Quote service.

See the Sterling B2B Integrator 5.1 Web Services page for information on creating a Web services consumer for the Stock Quote service.

Functional Area: Documentation

Escalation ID: 139822

Fix ID: 243579, 220315

Severity: Normal

Type: NormalFix

Build: 5008, 5102

EBICS Server

Fix ID: 243994, 237453

Title: [EBICS] Error while generating the PSR report when FUL request is sent

Description:

Error while generating the PSR report when FUL request is sent. Actually, EBICSOrderAuthorisationProcessing BP is failing and status report for EBICS Order Streaming Service is saying - com.sterlingcommerce.woodstock.workflow.WorkFlowException: Upload processing failed with null report

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: EBICS Server

Escalation ID: QC

Severity: Normal

Type: NormalFix

Build: 5008, 5102

EDIINT

Fix ID: 236684, 234574

Title: EDIINTMDNBuild error Size 110686590 for body exceeds maximum size of 10240000

Description: When the customer receives a file greater than 1 MB she gets an error.

Error Message:

EDIINTMDNBuild error
Size 110686590 for body exceeds maximum size of 10240000

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: EDIINT

Escalation ID: 237835

Severity: Normal

Type: NormalFix

Build: 5102

Sterling e-Invoicing

InQuira ID: NFX10770

Title: e-Invoicing agreements are defaulting to the first identity in the Supplier Identity & Buyer Identity

fields.

Description:

e-Invoicing agreements are defaulting to the first identity in the Supplier Identity & Buyer Identity fields when editing the agreement.

Steps to reproduce:

1. Login to Gentran Integration Suite application.
2. Create two identities named AAA and BBB with some VAT ID populated.
3. Create an e-Invoicing Agreement with Supplier Identity as AAA and Buyer Identity as BBB and leave the other field by default.
4. Edit the created agreement.

Observations: At step 4, note the Supplier Identity & Buyer Identity are defaulted to AAA (basically getting defaulted to the first identity in the list)

Error Message:

No error message. However, if not set to the correct values the agreement could accidentally be mis-configured when saving the agreement.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4323 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5007 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5102 or later.

Functional Area: Sterling e-Invoicing

Escalation ID: 188551

Fix ID: 227116, 227212

Severity: Normal

Type: Normal Fix

Build: 4323, 5007, 5102

Entity Framework

InQuira ID: NFX10157

Title: Mailbox permissions not consistent between nodes after a change in permissions.

Description:

When changing mailbox permissions on one node the permissions were not updated on other nodes in the cluster immediately.

Refreshing the caches by hand will synchronize the permissions and push the permission changes to the other nodes. But the change does not propagate automatically.

A restart of the nodes will also force the refresh.

Error Message: There is no error message but the permissions will be different until the permission cache refreshes.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Entity Framework

Escalation ID: 147137

Fix ID: 243596, 222603, 214900

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX8548

Title: The Sterling B2B Integrator script dbverify.sh is not working

Description:

The dbverify.sh script does not produce any standard output. Sterling B2B Integrator seems to work normally.

Sterling B2B Integrator, version 5.0, build 5003.

Operating System: Red Hat EL5.4 on x86_64

Data Base: Oracle 11gR2.

Error Message:

```
[si@lin1
bin]$ ./dbverify.sh
The java class is not
found: com.yantra.tools.dbverify.DbVerifyCommandLine
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Entity Framework

Escalation ID: 153240

Fix ID: 243570, 218300

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX8826

Title: The logs jetspeedservices, ops_exe, noapp, torque filling up fast.

Description:

The logs jetspeedservices, ops_exe, noapp, torque filling up fast even if Debug is turned off.

Error Message:

No Error Messages are being reported.

Resolution:

Apply Gentran Integration Suite 4.3, Build 4324 or later.

Apply Sterling B2B Integrator 5.0 Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Entity Framework

Escalation ID: 153011

Fix ID: 229463, 219439,

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX10828

Title: The EFrame scripts prepared by the DBVerify may have invalid characters

Description:

When selecting to manually apply the DDL statements to the database, the EFrame scripts that are produced by the DBVerify utility may contain invalid characters. The scripts may have the value ' `${sql.delimiter}`' between each command, rather than the proper characters.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Entity Framework

Escalation ID: 173824

Fix ID: 243577, 219937

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Graphical Process Modeler

InQuira ID: NFX7741

Title: Document Extraction Service parameters XMLRootTagForBatches and XMLAppSenderIDPath missing in Graphical Process Modeler

Description:

Comparing the parameters listed in the documentation with the ones listed in the Graphical Process Modeler, there are actually 2 parameters missing in Graphical Process Modeler:

XMLRootTagForBatches

XMLAppSenderIDPath

Error Message:

N/A

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Graphical Process Modeler

Escalation ID: 118632

Fix ID: 243911, 235577, 208073

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX8096

Title: The Graphical Process Modeler improperly sets the default value of the output_report_to_process_data parameter for the translation service.

Description:

The default behavior of the translation service parameter output_report_to_process_data differs between the Graphical Process Modeler and Gentran Integration Suite. The Graphical Process Modeler sets this parameter to "Yes" as the default, however the default value for this parameter when Gentran Integration Suite executes the BP is "No".

Error Message:

N/A

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Graphical Process Modeler

Escalation ID: 131276

Fix ID: 244069, 240590, 209623,

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

Import/Export

Fix ID: 241389, 242813

Title: The importBPs.sh script from the bin folder does nothing

Description: Attempted to use the importBPs.sh/cmd script to import bpml files from the file system into Sterling B2B Integrator. This command is not working and not throwing any errors when it is run.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5101 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Import/Export

Escalation ID: 274102

Severity: Normal

Type: NormalFix

Build: 5101, 5102

Fix ID: 240171, 239523

Title: Sterling File Gateway artifacts are not tagged on import

Description: Imported the FGDemo.xml file and subsequently examined the TAG_RESOURCE_ASSOC table in the database. There is an absence of tags corresponding to filegateway artifacts in the import, namely, all the tags for
tp_import_export.properties_filegateway_ext:resource.ui.restTAG.Index.FG_ROUTINGCHANNEL_TEMPLATES
= 54
tp_import_export.properties_filegateway_ext:resource.ui.restTAG.Index.FG_ROUTINGCHANNELS
= 55
tp_import_export.properties_filegateway_ext:resource.ui.restTAG.Index.FG_GROUPS
= 56
tp_import_export.properties_filegateway_ext:resource.ui.restTAG.Index.FG_PRODUCER_FILELAYERS
= 57
tp_import_export.properties_filegateway_ext:resource.ui.restTAG.Index.FG_CONSUMER_FILELAYERS
= 58

have not been created as part of the import.

This results in an incomplete resource tag being recorded, so a subsequent export is also incomplete.

Additionally, editing the resource tag in dashboard, the "File Gateway Configurations" check-box is unchecked, and it should be checked (enable) as the original import contained filegateway configuration artifacts.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Import/Export

Escalation ID: N/A

Severity: Normal

Type: NormalFix

Build: 5102

NFX11063

Title: Sterling File Gateway artifacts are not tagged on import

Description: The tags corresponding to Sterling File Gateway artifacts fail to get created during import. This results in an incomplete resource tag being recorded and a subsequent export remains incomplete.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Import/Export

Escalation ID: QC

Fix ID: 244060, 240159

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10448

Title: Zimbabwe and Zambia are missing from TP Identities

Description:

When adding a trading partner in Gentran Integration Suite UI, you are unable to create TP Identities for partners in Zimbabwe and Zambia as the UI does not display these options.

Error Message:

No error message. Values missing.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Import/Export

Escalation ID: 1371745

Fix ID: 244079, 240968, 173176

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX10836

Title: User password must be reset when importing them into another system if Password Policy is enabled

Description:

When exporting a user from one system and importing them into another, if the user has a Policy set with the option that they must change their password at the next login, they must change the password at the next login to the new system, regardless of whether they already existed in the destination system prior to the import.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Import/Export

Escalation ID: 217110

Fix ID: 243901, 235378

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9396

Title: Gentran Integration Suite 4.3 4321 - Can not import a large set of maps from command line in Gentran Integration Suite

Description:

When trying to import all maps from the command line the process fails with an OutOfMemory error. for file sizes greater than 1.7 gig

Error Message:

In the Gentran Integration Suite INSTALL: tp_import directory:

```
$. /import.sh -input /dir/gismaps.xml
-update -backup /dir/gismaps.bk -errors /dir/mapsimport.err -passphrase
passphrase -report
/dir/mapsimport.rpt -KeepExistingControlNumbers
###Importing
file: /cimsshare/gismaps.xml
Error '1' during
import.
```

Then you notice javacores and heapdumps in the directory where this command was run.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Import/Export

Escalation ID: 197469

Fix ID: 243683, 228081, 226132

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

Index/Purge

InQuira ID: NFX10983

Title: Possible data artifacts created by Document Encryption

Description:

When enabling Document Encryption, the database may accumulate data artifacts for Documents that are in an Unassociated state. An example of this state would be the initial message created when adding a file to a Mailbox, before the message is routed.

This may affect Documents stored in both the file system and the database.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

If Document Encryption has been enabled prior to the patch being applied, then a manual clean up of the artifacts may need to be performed. Please contact Customer Support for assistance.

Functional Area: Index/Purge

Escalation ID: 216711

Fix ID: 244104, 241989

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10939

Title: AssociateBPSToDocs takes a long time to run.

Description:

AssociateBPSToDocs takes a very long time to run. It is spending most of its time running queries in the database.

Error Message:

There is no error message.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Index/Purge

Escalation ID: 226407

Fix ID: 243851, 234881

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10145

Title: The BPLinkagePurge process may cause the system to stop processing

Description:

When the BPLinkagePurge process runs, it will delete expired parent-child BP references. However, on previous Builds, this was done as one very large transaction, which could cause a persistent lock on the database tables, and preventing any other processes from completing until this BP finished.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Index/Purge

Escalation ID: 169989

Fix ID: 243589, 221848, 220498

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

Installation

Fix ID: 245816

Title: Cross cluster communication not working on new 5.1 install

Description:

Sterling B2B Integrator is trying to open a random port on a new installation.

As per the fix provided in QC#216085 the customer was instructed to configure the `jnprmiport2` parameter to limit the rmi ports as Sterling B2B Integrator will try to open random ports to communicate between the nodes and the firewall will refuse the request.

However, when we added the `jnprmiport2` the dashboard was not accessible and we received a 503 error. If we remove the `jnprmiport2` we are able to see all the dashboard menus.

Error Message:

```
[2011-05-04
18:52:06.456] ALL 000000000000 GLOBAL_SCOPE Platform initialization
complete.
[2011-05-04 18:52:07.831]
ALL 000000000000
GLOBAL_SCOPE <?xml version="1.0" encoding="UTF-8"?>
<Errors>
<Error ErrorCode="java.lang.NullPointerException"
ErrorDescription="Error description not available"
ErrorRelatedMoreInfo="">
<Attribute Name="ErrorCode" Value="java.lang.
NullPointerException"/>
<Attribute Name="ErrorDescription"
Value="Error description not available"/>
<Error ErrorCode="java.lang.NullPointerException"ErrorDescription=""
ErrorRelatedMoreInfo=""><Stack>java.lang.
NullPointerException#&#xd;
at java.io.ByteArrayInputStream.&lt;init&gt;(&#xd;
ByteArrayInputStream.java:89)&#xd;at
com.yantra.shared.dbclasses.YFS_HeartbeatDBHome.
insertNoKeyGen(YFS_HeartbeatDBHome.java:734)&#xd;at
com.yantra.shared.dbclasses.YFS_HeartbeatBase.
insertNoKeyGen(YFS_HeartbeatBase.java:1309)&#xd; ..at
org.mortbay.component.AbstractLifeCycle.start(
AbstractLifeCycle.java:39)&#xd; at
org.mortbay.jetty.handler.HandlerCollection.doStart(
HandlerCollection.java:152)&#xd; at
org.mortbay.component.AbstractLifeCycle.start(
AbstractLifeCycle.java:39)&#xd; at
org.mortbay.jetty.handler.HandlerWrapper.doStart(
HandlerWrapper.java:130)&#xd; at
org.mortbay.jetty.Server.doStart(Server.java:222)&#xd; at
org.mortbay.component.AbstractLifeCycle.start(
AbstractLifeCycle.java:39)&#xd; at
com.sterlingcommerce.woodstock.noapp.WebServerStartThread.
run(WebServerStartThread.java:63)&#xd;at
java.lang.Thread.run(Thread.java:619)&#xd;
</Stack>
```

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Installation

Escalation ID: 00292752

Severity: Normal

Type: NormalFix

Build: 5102

Fix ID: 244361, 242802

Title: Issues in Sterling B2B Integrator with 4 nodes in a cluster

Description: Need to be able to log in to Sterling B2B Integrator even if any of the physical servers are down in the cluster.

Error Message: The system is not available at this time. One the servers or Database could be down. Please try again.

Resolution:

Apply Sterling B2B Integrator, Release 5.1 Build 5102

Functional Area: Installation

Escalation ID: 286451

Severity: Normal

Type: NormalFix

Build: 5102

Fix ID: 239090

Title: Error installing Perimeter Server

Description: The matrix.properties file for the perimter server jar: ps_4501.jar does not contain Server 2008 R2 which is a supported OS.

Error Message:

```
C:\>java
-jar C:\ps_4501.jar
Perimeter DMZ component
Installation program
ERROR: This product
is only supported on Windows 2003,Server 2008
Your
OS Version is Server 2008 R2
```

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Installation

Escalation ID: 266039

Severity: Normal

Type: NormalFix

Build: 5102

Fix ID: 237491

Title: FIPS mode is not activated when the option to enable FIPS mode is chosen during installation

Description: FIPS mode is not activated after installation even though it is selected during install. The value in sandbox.cfg or silent install file should be FIPS_MODE=Yes but currently FIPS_MODE=true is used and this does not work.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Installation

Escalation ID: 255790

Severity: Normal

Type: NormalFix

Build: 5102

InQuira ID: NFX10753

Title: tuning.properties get overwritten by patch install

Description:

After applying path 5007 the tuning.properties had been overwritten

Error Message:

No errors in Sterling B2B Integrator startup or usage

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Installation

Escalation ID: 271203

Fix ID: 244068, 240547

Severity: Critical

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10102

Title: SAP Windows Service in 5006 references Gentran Integration Suite service names

Description:

In Sterling B2B Integrator 5006, the service (for SI and Ops) point to the 4.3 names for these Windows Services, rather than the names for the Sterling B2B Integrator 5.0.x services.

Error Message:

N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5008 or later

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Installation

Escalation ID: 236608

Fix ID: 243821, 234080

Severity: Critical

Type: NormalFix

Build: 5008, 5102

Fix ID: 162994, 162993

Title: Gentran Integration Suite upgrade failed when Gentran Integration Suite installer executing EFrame_TableChanges.sql

Description:

While upgrading from Gentran Integration Suite 4.1/4.2 to Gentran Integration Suite 4.3 Gentran Integration Suite upgrade process fails when executing script EFrame_TableChanges.sql. In this script, there is following SQL which caused the failure:

```
ALTER TABLE ACT_SESSION
ALTER COLUMN STATE NATIONAL CHARACTER VARYING (30) NOT NULL Since
there are several records in table ACT_SESSION which had NULL value
in field
```

'STATE', the SQL execution failed
and Gentran Integration Suite upgrade aborted.

Error Message:

```
Performing UPGRADE
Installing
service C:\SterlingCommerce_43\SI\packages\platform_base_2000.jar ...
[saneSqlExec]
Executing file: C:\SterlingCommerce_43\SI\repository\scripts\
EFrame_TableChanges.sql
[saneSqlExec]
Failed to execute: ALTER TABLE ACT_SESSION ALTER COLUMN STATE
NATIONAL CHARACTER VARYING (30) NOT NULL
C:\SterlingCommerce_43\SI\properties\entityDeployer.xml:424:
The following error occurred while executing this line:
C:\SterlingCommerce_43\SI\properties\entityDeployer.xml:404:
java.sql.SQLException:
[Microsoft][SQLServer 2000 Driver for JDBC][SQLServer]Cannot
insert the value NULL into column 'STATE',
table 'GIS_AS2_4.1.GIS_AS2_4.1.ACT_SESSION';
column does not allow nulls. UPDATE fails.

    at org.apache.tools.ant.ProjectHelper.
addLocationToBuildException(ProjectHelper.java:539)

    at org.apache.tools.ant.taskdefs.MacroInstance.
execute(MacroInstance.java:380)

    at org.apache.tools.ant.UnknownElement.execute(
UnknownElement.java:275)

    at org.apache.tools.ant.Task.perform(Task.java:364)

    at org.apache.tools.ant.Target.execute(Target.java:341)

    at org.apache.tools.ant.Target.performTasks(Target.java:369)

    at org.apache.tools.ant.Project.executeSortedTargets(
Project.java:1216)

    at org.apache.tools.ant.Project.executeTarget(Project.java:1185)

    at com.sterlingcommerce.woodstock.install.deployer.
AntDeployer.executeScript(AntDeployer.java:240)

    at com.sterlingcommerce.woodstock.install.deployer.
AntDeployer.deploy(AntDeployer.java:197)

    at com.sterlingcommerce.woodstock.install.deployer.
AntDeployer.execute(AntDeployer.java:193)

    at sun.reflect.GeneratedMethodAccessor16.invoke(
Unknown Source)

    at sun.reflect.DelegatingMethodAccessorImpl.
invoke(DelegatingMethodAccessorImpl.java:25)

    at java.lang.reflect.Method.invoke(Method.java:585)

    at com.sterlingcommerce.woodstock.install.
InstallSIBoostrapper.instantiateAndRun(InstallSIBoostrapper.java:351)

    at com.sterlingcommerce.woodstock.install.
EntityWrapper.processEntities(EntityWrapper.java:71)

    at com.sterlingcommerce.woodstock.install.
utils.ProcessEntities.process(ProcessEntities.java:167)
```

```

        at com.sterlingcommerce.woodstock.install.
utils.ProcessEntities.gatherEntities(ProcessEntities.java:100)

        at com.sterlingcommerce.woodstock.install.
utils.ProcessEntities.processEntities(ProcessEntities.java:57)

        at com.sterlingcommerce.woodstock.install.
InstallSI.PerformInstall(InstallSI.java:691)

        at com.sterlingcommerce.woodstock.install.
InstallSI.main(InstallSI.java:120)

        at sun.reflect.NativeMethodAccessorImpl.
invoke0(Native Method)

        at sun.reflect.NativeMethodAccessorImpl.
invoke(NativeMethodAccessorImpl.java:39)

        at sun.reflect.DelegatingMethodAccessorImpl.
invoke(DelegatingMethodAccessorImpl.java:25)

        at java.lang.reflect.Method.invoke(Method.java:585)

        at com.sterlingcommerce.woodstock.install.
InstallSIBootstrapper.instantiateAndRun(InstallSIBootstrapper.java:351)

        at com.sterlingcommerce.woodstock.install.
InstallSIBootstrapper.instantiateAndRun(InstallSIBootstrapper.java:357)

        at com.sterlingcommerce.woodstock.install.
InstallSIBootstrapper.doIt(InstallSIBootstrapper.java:189)

        at com.sterlingcommerce.woodstock.install.
InstallSIBootstrapper.main(InstallSIBootstrapper.java:83)
Caused
by: C:\SterlingCommerce_43\SI\properties\entityDeployer.xml:
404: java.sql.SQLException:
[Microsoft][SQLServer 2000 Driver for JDBC][SQLServer]Cannot insert
the value NULL into column 'STATE',
table 'GIS_AS2_4.1.GIS_AS2_4.1.ACT_SESSION';
column does not allow nulls. UPDATE fails.

```

Resolution:

Apply Gentran Integration Suite Release 4.1.1, Build 1989 or later.

Apply Gentran Integration Suite Release 4.2, Build 4214 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Patch will convert all STATE values to Normal where the STATE is currently null so that upgrade does not fail.

Functional Area: Installation

Escalation ID: QC

Severity: Critical

Type: NormalFix

Mailbox

Fix ID: 243740

Title: IP address of host uploading files

Description: When a user sends a file with MyFileGateway, the Local and Remote host addresses are displayed as the localhost address in communications session tracking. By contrast, all other protocols display the correct remote and local host addresses. The MailboxAdd service is run on the GIS instance however the customer (a bank) complains that it is unacceptable that the host address is 127.0.0.1 so therefore the sending users IP address cannot be tracked.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Map Editor

Escalation ID: 208953

Severity: Normal

Type: NormalFix

Build: 5102

Fix ID: 245915

Title: Out Of Memory Issue - disable mailbox timestamp out-of-box

Description:

Deadlocks were caused by the new functionality to update mailbox timestamps and mailbox message purge running at the same time. Customer was instructed to disable the new functionality to update mailbox timestamps (this reverts to 4322 behavior) and customer has been running mailbox message purge manually (three big message purges were complete and they approximately purged 240k messages from the system).

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Mailbox

Escalation ID: 307120

Severity: Normal

Type: NormalFix

Build: 5102

Fix ID: 246758

Title: Mailbox Message Purge Chunking implementation/fixes for the ~Mailbox Scheduled Delete Service~ 5102 reconcile

Description:

Investigate if the 'Message Purge Chunking implementation for the ~Mailbox Scheduled Delete Service~ in Sterling B2B Integrator 5.0 can be back ported to GIS 4324 Hot Fix branch.

Error Message:

None

Resolution:

Added a property, messageDeleteSize, to the mailbox.properties.in file.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Mailbox

Escalation ID: 00308156

Severity: Normal

Type: NormalFix

Build: 5102

Fix ID: 246817

Title: Mailbox Delete Service inserts all deleted message ID's into Process Data. Need a fix to put into Status report instead.

Description:

During Performance Quality Assurance testing, noticed all message ID's are put into Process Data. (Approximately three xml lines per Message ID).

The large number of messages causes PD to grow and the delete service to slow down. Lots of GC activity too.

The solution is to allow a service assign to write to Status Report instead.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Mailbox

Escalation ID: 308156

Severity: Normal

Type: NormalFix

Build: 5102

NFX11062

Title: Sterling File Gateway needs to veto creation of Shared Mailboxes under Partner Mailboxes

Description: The new shared linked mailbox functionality allows the creation or conversion of mailboxes to be of Shared type. These shared mailboxes can in turn be referenced by linked mailboxes. Shared mailboxes that have been linked are not allowed to be deleted since this would leave the links as orphaned.

Legacy Advanced File Transfer code used by Sterling File Gateway allows the deletion of Partners. When this deletion occurs, it attempts to remove the Partner mailbox recursively (a mailbox with a name of the form /PartnerName). If anywhere under this mailbox a shared mailbox is encountered, the deletion will fail. The legacy Advanced File Transfer code is not tolerant of a mid operation failure and may result in corruption.

To avoid this, a shared mailbox should not occur under a Partner mailbox.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Mailbox

Escalation ID: QC

Fix ID: 244037, 239408

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX11041

Title: Mailbox Repository Error - Deadlock Detected while waiting for resource

Description: Deadlock error within mailbox.log when parallel access to messages with delete operations occurring.

Error Message:

```
[2011-03-17 10:05:13.409] ERROR 000000000000 GLOBAL_SCOPE [MailboxDeleteService]
- setting WFC Status to ERROR with Advanced
Status [Mailbox Repository Error]
[2011-03-17 10:05:13.41] ERROR 000000000000 GLOBAL_SCOPE [1300370713410] ORA-00060:
deadlock detected while waiting for resource
[2011-03-17 10:05:13.411] ERROR DTL 000000000000 GLOBAL_SCOPE [1300370713410] java.sql.SQLException:
ORA-00060: deadlock detected while waiting
for resource at oracle.jdbc.driver.DatabaseError.throwSQLException(DatabaseError.java:112)
at oracle.jdbc.driver.T4CTTIoer.processError(T4CTTIoer.java:331)
at oracle.jdbc.driver.T4CTTIoer.processError(T4CTTIoer.java:288)
at oracle.jdbc.driver.T4C8Oall.receive(T4C8Oall.java:743)
at oracle.jdbc.driver.T4CPreparedStatement.doOall8(T4CPreparedStatement.java:216)
at oracle.jdbc.driver.T4CPreparedStatement.executeForRows(T4CPreparedStatement.java:955)
at oracle.jdbc.driver.OracleStatement.doExecuteWithTimeout(OracleStatement.java:1168)
at oracle.jdbc.driver.OraclePreparedStatement.executeInternal(OraclePreparedStatement.java:3316)
at oracle.jdbc.driver.OraclePreparedStatement.executeUpdate(OraclePreparedStatement.java:3400)
at sun.reflect.GeneratedMethodAccessor162.invoke(Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:25)
at java.lang.reflect.Method.invoke(Method.java:585)
at com.sterlingcommerce.woodstock.mailbox.db.SQLWrapper.forwardMethod(SQLWrapper.java:62)
at com.sterlingcommerce.woodstock.mailbox.db.StatementWrapper.invoke(StatementWrapper.java:144)
at $Proxy7.executeUpdate(Unknown Source)at com.sterlingcommerce.woodstock.util.frame.
jdbc.JDBCService.executeUpdate(JDBCService.java:4474)
at com.sterlingcommerce.woodstock.mailbox.impl.repositoryImpl.RepositoryDB.
clearUnique(RepositoryDB.java:1825)
at com.sterlingcommerce.woodstock.mailbox.impl.repositoryImpl.RepositoryDB.
access$800(RepositoryDB.java:106)
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Mailbox

Escalation ID: 286238

Fix ID: 244108, 242631

Severity: Normal

Type: Normal Fix

Build: 5008, 5102

InQuira ID: NFX7616

Title: The file name with Japanese characters (double byte character) turns to junk characters when extracting from MBI

Description:

When extracting a file whose name has Japanese Characters on MBI, the file name gets garbaged when extracted. This can be reproduced on Gentran Integration Suite 4320 build.

It seems that the garbage file name is displayed on Hex decimals for Japanese characters.

The file name isn't garbaged in ProcessData but is garbaged in the PrimaryDocument of the Business Process Detail screen of BP - MBIExtract.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Mailbox

Escalation ID: 97545

Fix ID: 244067, 240488, 202239

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX8344

Title: 'You are not authorized to perform Mailbox Send' when performing a message send in the mailbox uri.

Description:

Sending larger files (approx 14.5MB) the user is getting a 'You are not authorized to perform Mailbox Send' error. The send completes and the file is available, but a pop up error message is displayed. The message send takes approximately 10 minutes to complete. This occurs in a clustered environment and when appears to be intermittent. Customer was able to reproduce several times. Issue is caused by MBI interface not working properly when BPs are moved between nodes. Fix referenced below resolves this issue.

Error Message:

Pop up message: "You are not authorized to perform Mailbox Send".

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Mailbox

Escalation ID: 103406

Fix ID: 243709, 229464, 227127

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX6492

Title: DeadLetter Mailbox may not be visible

Description:

After applying Build 4314 or later, the DeadLetter Mailbox may no longer show up when attempting to view the directory list from an FTP or SFTP connection. The user can change to the Mailbox, it simply cannot be viewed from the Mailbox root.

Resolution:

Apply Gentrans Integration Suite Release 4.3, Build 4324 or later to resolve this issue.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Mailbox

Escalation ID: 062159

Fix ID: 243680, 227905, 192854,

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

Map Editor

Fix ID: 239571

Title: Overpunched number turns incorrect when 'Use Big Decimal' is turned ON in the "Map Details" window of a map.

Description: When 'Use Big Decimal' is selected for use with map details, the overpunched numeric is recognized incorrectly. For example, if input value is '2050' for all fields. All input formats of 1st record are set to overpunched and each field has different number to overpunch (number means X for OverpunchedX). The Output format is set to R9. The overpunched number X indicates the number of digits to shift.

In this example, using a value of 2050 with overpunched2, the expected output is 20.5. With overpunched3, the expected output is 2.05.

Currently with Use Big Decimal mode turned on, the overpunched2 is recognized as 205000 and overpunched3 is recognized as 2050000. It seems the value is shifted to wrong direction.

If 'Use Big Decimal' is left off, the expected output is received.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Map Editor

Escalation ID: 269256

Severity: Normal

Type: NormalFix

Build: 5102

Fix ID: 243916

Title: Error opening .mxl file in Map Editor

Description: Opening a system map (e.g. SWIFT_FIN_INBOUND.mxl file) in the Map Editor from Sterling B2B Integrator build 5006 results in an error and the map cannot be opened.

Element content is invalid according to DTD/Schema

Expecting: {http://www.stercomm.com/SI/Map} UseConfigurableTrimming

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Map Editor

Escalation ID: 00246472

Severity: Normal

Type: NormalFix

Build: 5102

InQuira ID: NFX8700

Title: NTOA function will not store value into a variable array after migrating to Sterling B2B Integrator 5.0 from Gentran Server

Description:

Extended rule using the ntoa function converting a numeric value into a variable array will return nothing in Sterling B2B Integrator 5.0 BUILD 5003

```
ntoa(#numeric_field
, var_arr
[var_arr_counter]);
```

This rule returns the correct value in Gentran Server for UNIX and for Windows

Error Message:

No error messages returned

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

After the patch has been applied, please download and re-install the Map Editor.

WORKAROUND

You can convert the numeric value to a string variable first and then assign the variable to the array,

```
ntoa(#numeric_field, str_var );
var_arr[var_arr_counter] = str_var;
```

Functional Area: Map Editor

Escalation ID: 152010

Fix ID: 243567, 217463

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX8781

Title: Map editor crashes when Update EDI Version function is used

Description:

Map editor crashes when Update EDI Version function is used.

Error Message:

Windows Error: Map Editor has encountered a problem and needs to close. We are sorry for the inconvenience.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Make sure to reinstall the map editor after installing the patch.

Functional Area: Map Editor

Escalation ID: 253919, 166091

Fix ID: 243980, 237102, 218465

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX10333

Title: Error opening .mxl file in Map Editor from Sterling Integrator build 5006

Description:

Opening a system map (.mxl file) in the Map Editor from Sterling B2B Integrator build 5006 results in an error and the map cannot be opened.

Error Message:

Element content is invalid according to DTD/Schema

Expecting: {http://www.stercomm.com/SI/Map}

UseConfigurableTrimming

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Map Editor

Escalation ID: 246472

Fix ID: 243916, 235782

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX7280

Title: CRLF (Carriage Return and Line Feed) in a SQL statement is replaced by just a LF

Description: CRLF (Carriage Return and Line Feed) in a SQL statement within a map are replaced by just a LF, when saving the map as a .mxl file.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

After installing the patch, download and reinstall the map editor.

Functional Area: Map Editor

Escalation ID: 99376

Fix ID: 243529, 203981, 202279,

Severity: Normal

Type: Normal Fix

Build: 4324, 5008, 5102

InQuira ID: NFX8172

Title: Translator goes into an infinite loop if SQL result set is larger than maximum specified in the map.

Description:

Translator goes into an infinite loop if SQL result set is larger than maximum specified in the map.

Error Message:

No error is issued and the process needs to be canceled.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

After the patch has been applied, please download and reinstall the Map Editor.

As a workaround, set the max use to higher than the result set returned from the SQL statement.

Functional Area: Map Editor

Escalation ID: 134033

Fix ID: 243875, 235172, 233542, 217400, 210981

Severity: Critical

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX8310

Title: Variable Length map will not ignore the first record which is the column names.

Description:

The Variable Length Delimited Properties screen, On the Delimiters tab, There is a check box labeled "Include column (field) names from first record". When checked, the map does not ignore the first record of a variable Length file.

Error Message:

No errors, but the first line in the file is treated as data.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

After installing the patch, download and reinstall the map editor.

A workaround, is to create a single record in the map to account for the first record in the CSV file and do not link its fields. This forces it to ignore the record.

Functional Area: Map Editor

Escalation ID: 134569

Fix ID: 243733, 231267, 234980

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX10105

Title: Overpunched number turns incorrect when 'Use Big Decimal' is turned ON in the "Map Details" window of a map.

Description:

When 'Use Big Decimal' is turned ON in the map details window, the overpunched numeric is recognized with wrong way. If the output format is just set to R9 in the map and for example, in the case of 2050 with overpunched2, it means 20.5. With overpunched3, it means 2.05. However currently with Big Decimal mode, overpunched2 is recognized as 205000 and overpunched3 is recognized as 2050000. It seems that the value is getting shifted to wrong direction. But if 'Use Big Decimal' is turned OFF, we can get the expected output.

Note: This issue exists in build 4322 and 4321 also.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Map Editor

Escalation ID: 179733

Fix ID: 222011, 230246

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX10104

Title: Extended rule library works only on the first occurrence in the map.

Description: Let us consider an extended rule library 'RoundReal' to round real (decimal) numbers. It has 2 parameters, for example: RoundReal (123.345, 3). It means that 123.345 is going to be rounded at the three decimal places to two decimal number, so returned value should be 123.350. However, when this library is used in a loop/occurrence, only the first occurrence got the expected value in the output. Second occurrence or later, the target value is never calculated. When the same program is put directly in the extended rule in a map, the output has no problem for all occurrences.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Map Editor

Escalation ID: 81165

Fix ID: 199542, 206815

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

MESA Studio

Fix ID: 237342

Title: MESA Studio skin editor

Description:

While attempting to change the login screens and top bar of the Sterling B2B Integrator dashboard and the Mailbox Browser Interface (MBI) using the MESA Skin editor. It was updated in MESA but not deployed to the application accordingly.

Error Message: N/A

Workaround:

1. Shutdown MESA Studio if it is running.
2. Update the following two entries in skins.properties located in <eclipse install dir>\plugins\com.sterlingcommerce.mesa.skineditor_5200.0.0\
image.loginLogoLg.location=dashboard/images/Gentran_login.gif
image.loginLogoLg.location=dashboard/images/Integrator_login.gif

From:

image.loginLogoLg.location=dashboard/images/Gentran_login.gif

To:

image.loginLogoLg.location=dashboard/images/Integrator_login.gif

From:

image.headerLogo.location=dashboard/images/topbar_sub_gentran.gif

To:

image.headerLogo.location=dashboard/images/topbar_sub_integrator.gif

3. Start MESA Studio.

4. From Skin Editor select "Skin Download"

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: MESA Studio

Escalation ID: 251094

Severity: Normal

Type: NormalFix

Build: 5102

myFileGateway

Fix ID: 244007, 238336, 230356

Title: Loading of home page taking more time when using external authentication.

Description:

QC 230356 is the statement of record for the Sterling Integrator/Filegateway changes for Intel Filegateway HF2, and is not a duplicate. There were significant code changes made for this defect.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: myFileBroker

Escalation ID: 211038

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9495

Title: Filename changes when downloading files using myFileGateway

Description:

Using Sterling B2B Integrator and Sterling File Gateway 2.0. There are two issues with file names being changed when the files are down loaded using myFileGateway.

1. A file name contains more than one consecutive space. Using Internet Explorer 8 two underscores are added to the downloaded file name. When using Firefox the file name is truncated at the first space. For example, when the file name is "Test File.txt", the file name is displayed properly within myFileGateway. When downloaded using Internet Explorer the downloaded file name becomes - "Test__File.txt". Using Firefox the downloaded file name becomes "Test".

2. A file with a semicolon in the file name. Semicolons are allowed within file names and they are preserved throughout the system. However, when a user tries to download the file through myFileGateway, the filename ends at the semicolon. For example, a file with a file name of "Test;File.txt" will be downloaded as "Test". The same results were experienced using both Internet Explorer and Firefox. When using Mailbox Browser Interface both types of file names are maintained during download. The above file names are also preserved when files are downloaded using other protocols such as FTP or SFTP.

Error Message:

No error messages are reported

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: myFileGateway

Escalation ID: 200167

Fix ID: 243665, 226612

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9452

Title: Uploaded Filename is corrupted when it contains Scandinavian characters such as ÅäÄö characters.

Description:

When a filename that contains Scandinavian characters (such as ÅäÄö) is uploaded in "myFileGateway" interface, the filename is corrupted when viewed in the Sterling File Gateway download screen and the message management screen of Sterling B2B Integrator.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: myFileGateway

Escalation ID: 200371

Fix ID: 243954, 236281

Severity: Normal

Type: NormalFix

Build: 5008, 5102

NEO

Fix ID: 243708, 229463

Title: Torque.log, jetspeedservices.log, ops_exe.log, noapp.log

Description:

The Torque.log, jetspeedservices.log, ops_exe.log, and noapp.log logs are filling up fast with debug statements.

The verbose logging is not turned on for any of the above logs.

Customer had no idea since when the logs are filling fast or what build or hotfix caused it. They observed it recently. They do not know what functionality logs these debug statements.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area:

Escalation ID: 153011

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Performance

Fix ID: 241583

Title: Performance statistics report can cause performance issues

Description: In the Sterling B2B Integrator User Interface, there is the Performance Statistics Report, which can be very helpful as a gauge of the system performance. There are several serious memory issues caused by leaving this enabled for long periods of time.

Error Message: various Out of Memory errors

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Performance

Escalation ID: 279172

Severity: Normal

Type: NormalFix

Build: 5102

Fix ID: 245816

Title: Cross cluster communication not working on new 5.1 install

Description:

Customer found that Sterling B2B Integrator is trying to open a random port.

As per the fix provided in QC#216085 we requested customer to configure the `jnrmiport2` parameter to limit the rmi ports as GIS will try to open random ports to communicate between the nodes and firewall will refuse.

However when we added the `jnrmiport2` the dashboard was not accessible and we receive 503 error. However if we remove the `jnrmiport2` as we are able to see all the dashboard menus.

Error Message:

```
[2011-05-04 18:52:06.456] ALL 000000000000
GLOBAL_SCOPE Platform initialization complete.
[2011-05-04 18:52:07.831]
ALL 000000000000 GLOBAL_SCOPE
<?xml version="1.0" encoding="UTF-8"?> <Errors>
<Error ErrorCode="java.lang.NullPointerException" ErrorDescription="Error
description not available" ErrorRelatedMoreInfo="">
<Attribute Name="ErrorCode" Value="java.lang.NullPointerException"/>
<Attribute Name="ErrorDescription" Value="Error description not available"/>
<Error ErrorCode="java.lang.NullPointerException" ErrorDescription="" ErrorRelatedMoreInfo="">
<Stack>java.lang.NullPointerException#&#xd;
at java.io.ByteArrayInputStream.&lt;init&gt;(ByteArrayInputStream.java:89)&#&#xd;
at com.yantra.shared.dbclasses.YFS_HeartbeatDBHome.insertNoKeyGen(YFS_HeartbeatDBHome.java:734)&#&#xd;
at com.yantra.shared.dbclasses.YFS_HeartbeatBase.insertNoKeyGen(YFS_HeartbeatBase.java:1309)&#&#xd; ..
at org.mortbay.component.AbstractLifeCycle.start(AbstractLifeCycle.java:39)&#&#xd;
at org.mortbay.jetty.handler.HandlerCollection.doStart(HandlerCollection.java:152)&#&#xd;
at org.mortbay.component.AbstractLifeCycle.start(AbstractLifeCycle.java:39)&#&#xd;
at org.mortbay.jetty.handler.HandlerWrapper.doStart(HandlerWrapper.java:130)&#&#xd;
at org.mortbay.jetty.Server.doStart(Server.java:222)&#&#xd;
at org.mortbay.component.AbstractLifeCycle.start(AbstractLifeCycle.java:39)&#&#xd;
at com.sterlingcommerce.woodstock.noapp.WebServerStartThread.run(WebServerStartThread.java:63)&#&#xd;
at java.lang.Thread.run(Thread.java:619)&#&#xd;
</Stack>
```

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Performance

Escalation ID: 292752

Severity: Normal

Type: NormalFix

Build: 5102

InQuira ID: NFX10876

Title: Sterling B2B Integrator will not start after applying OS maintenance. An OutOfMemoryError occurs during startup.

Description:

Bundles within the OS were upgraded. On 11.23. Bundle upgrade did not change OS version number. Those bundles include

iCOD B.11.23.08.03.00.22 Instant Capacity

SAS-SASD B.11.23.0903 PCI-

X/PCI-E Serial SCSI (SASD) Driver

FC-FCD B.11.23.08.02 HP PCI-X/PCIe FibreChannel Driver(FCD)

SAS-COMMON B.11.23.0903 Serial SCSI Common product

Error Message:

```
[2010-07-12 13:41:12.364]
ERROR 000000000000 GLOBAL_SCOPE B2BListenSocket-init()
ioexception, java.io.IOException: length
bytes read: -1 not enough(1157627904) The
OOM stacktrace in noapp.log.D20100712.T133919
shows:
[2010-07-12 13:41:51.195]
ALL 000000000000 GLOBAL_SCOPE java.lang.OutOfMemoryError:
Java heap space
[2010-07-12 13:41:51.195]
ALL 000000000000 GLOBAL_SCOPE
[2010-07-12 13:41:51.195]
ALL 000000000000 GLOBAL_SCOPE
at com.sterlingcommerce.woodstock.services.b2bhttp.Utils.readProto(Utils.java:114)
[2010-07-12 13:41:51.195]
ALL 000000000000 GLOBAL_SCOPE
at com.sterlingcommerce.woodstock.services.b2bhttp.B2BListenSocket.init(B2BListenSocket.java:256)
[2010-07-12 13:41:51.195]
ALL 000000000000 GLOBAL_SCOPE
at com.sterlingcommerce.woodstock.services.b2bhttp.B2BListenSocket.run(B2BListenSocket.java:313)
[2010-07-12 13:41:51.195]
ALL 000000000000 GLOBAL_SCOPE
at java.lang.Thread.run(Thread.java:595)
```

Investigation found that B2BHTTPServlet code was attempting to read the SSL keycert from a newly opened socket and determined the cert as 1gig in size. It then creates a bytearray of that size to hold the cert. The bytearray creation fails with an OutOfMemoryError

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Performance

Escalation ID: 199143

Fix ID: 2436448, 226105

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX8906

Title: The query_results document from the lwjdbc adapter is persisted to the file system when the step is not persisted.

Description:

This only happens when the system is set to file system. The query_results document is persisted to the file system even when the lwjdbc adapter step is set to not persist.

This does not happen when using database storage.

This is expected behavior. If the query_results document is over certain size it needs to be persisted because it cannot be stored in memory. The limit is lower for file system storage than for database storage. So if the result set is big enough it will be persisted with either database or file system storage. But for most document sizes it will be persisted for file system storage and not for database storage.

Error Message:

There is no error message

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

A new parameter has been added to the lwjdbc adapter to set the document storage at the adapter level. You can set the storage to database to allow the document to not persist when the step is not persisted.

To add this in the BPML add the parameter:

```
<assign to="documentStorageOverride">DB</assign>
```

Or to override all lwjdbc adapter steps add this line to customer_overrides.properties:

```
jdbcService.documentStorageOverride.LightweighthJdbcAdapter=DB
```

Functional Area: Performance

Escalation ID: 167353

Fix ID: 243617, 224118, 220276

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX10794

Title: Unrestricted Mailbox search can cause OutOfMemoryError when large number of messages are returned by search

Description:

OutOfMemory error occurs when using User Interface to do a unrestricted mailbox search (Deployment - Mailboxes - Messages). Error can be reproduced with 400 mailboxes, and 500,000 messages approximately 19 gigs of messages.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Patch adds a new parameter in ui.properties.in to limit the maximum number of mailbox messages returned by search. "maxMailboxMessageList" will default to 5000.

Functional Area: Performance

Escalation ID: 223868

Fix ID: 243826, 234215

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Perimeter Services

Fix ID: 248472

Title: Perimeter server efficient buffer utilization by introducing dynamic buffer sizes instead of fixed size

Description:

Current perimeter server setting uses fixed size receiver and send buffer sizes, which in most cases the buffer is only partially filled and most of the buffer is empty and causing Out Of Memory's .

Changing the perimeter server code to use dynamic sizing for receiver and send buffers makes it more efficient. You should also make sure that total buffer sizes never exceed the gmm.MaxBuffer size as set in the perimeter.properties file.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Perimeter Services

Escalation ID: QC

Severity: Normal

Type: NormalFix

Build: 5102

InQuira ID: NFX10163

Title: Perimeter Server connection disconnect issue error "Redundant connection detected" in Sterling B2B Integrator patch 5006

Description:

Sterling B2B Integrator, version 5.0, build 5006. Perimeter Server client in Sterling B2B Integrator is unable to automatically reconnect to the remote perimeter server after restarting of Gentran Integration Suite services or after disabling and enabling it from Gentran Integration Suite troubleshooter page.

Error Message:

Log from PS

```
[2010-10-27 09:22:27,481] ERROR MuxratManager[PsServer[PS_gappenach]]: Redundent connection detected. rejecting...[2010-10-27 09:22:27,482] INFO data[/xx.xx.xx.xx:11001=>/xx.xx.xx.xx:55620]: close: CloseCode.FULL_CLOSE[2010-10-27 09:22:28,436] INFO PerListen[-]: accepted: /xx.xx.xx.xx:34132[2010-10-27 09:22:28,437] ERROR MuxratManager[PsServer[PS_gappenach]]: Redundent connection detected. rejecting...[2010-10-27 09:22:28,438] INFO data[/xx.xx.xx.xx:11001=>/xx.xx.xx.xx:34132]: close: CloseCode.FULL_CLOSE[2010-10-27 09:22:28,440] INFO PerListen[-]: accepted: /xx.xx.xx.xx:44793
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Perimeter Services

Escalation ID: 236682, 244491, 249909, 248652, 250925

Fix ID: 243864, 235071

Severity: Critical

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10287

Title: Slow transfer times when receiving files via FTP and SFTP

Description:

Sending files are fine however when receiving files, the transfer time is 3 times slower than when receiving files from the same host using a command line client.

Error Message:

No error messages are in the logfiles.

Resolution:

TCP Window buffer size was hardcoded at 128K maximum. Increased the maximum buffer size to 4096K and added support for two new parameters in the perimeter.properties file:

```
socket.sendBufferSize=128K
```

```
socket.receiveBufferSize=128K
```

These setting which are used for socket I/O can be added to the perimeter.properties file to increase the window buffer size up to 4096K to improve file transfer performance.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later..

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Perimeter Services

Escalation ID: 234908

Fix ID: 243828, 234330, 234329

Severity: Normal

Type: NewFunctionality

Build: 4324, 5008, 5102

InQuira ID: NFX10218

Title: Error on System Troubleshooting page for Perimeter Server Status

Description: Error on the System Troubleshooting page for Perimeter Server Status and the details of this perimeter server is not shown.

Error Message: No error message.

Resolution

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Perimeter Services

Escalation ID: QC

Fix ID: 244074, 240862, 211222

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX10075

Title: Unable to start perimeter server after successful installation using ps_4405.jar, LoadLibrary is not a valid Win32

Description:

Unable to start perimeter server after successful installation using the following settings:

Windows 2008 R2 Standard edition

Sun JDK 1.6.0_14 (64-bit)

ps_4405.jar

Running

SI50 Patch 5005

Error Message:

LoadLibrary is not a valid Win32

Resolution:

The error message "LoadLibrary is not a valid Win32" is linked with a mismatch between 64bits and 32 bit libraries.

More information on the following URLs:

http://gerardnico.com/wiki/web_server/oc4j/oc4j_service

<http://androidyou.blogspot.com/2010/06/installing-oracle-coherence-bat-file-as.html>

Problem was due to the installPS.cmd; By default, it installs the service as 32bit. There is an if statement that must be modified to install service as 64bit.

Workaround:

Modify file installPS.cmd to reflect the install service as 64bit, meaning you must go to the if statement and change the false value to true. Run installPS.cmd command again and start Perimeter Server.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Perimeter Services

Escalation ID: 232171

Fix ID: 243809, 233853

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX2770

Title: Perimeter.log has many of errors: ERROR 000000000000 GLOBAL_SCOPE A ByteBuffer was garbage collected

Description:

In Perimeter.log there are many errors: ERROR 000000000000 GLOBAL_SCOPE A ByteBuffer was garbage collected. Release notes says this ByteBuffer is 'lost' only under very specific error conditions, it poses no functional risk and can be ignored. <http://www.sterlingcommerce.com/Documentation/GIS40/Content/SP2/ReleaseNotes/FR1Rntes.html>

If there is no potential functional risk, this message should be logged as INFO or DEBUG message.

Error Message:

ERROR 000000000000 GLOBAL_SCOPE A ByteBuffer was garbage collected.

Resolution:

Log level adjusted for garbage collection message in Perimeter.log to log as DEBUG messages instead of ERROR messages.

Apply Gentran Integration Suite Release 4.2, Build 4214 or later

Apply Gentran Integration Suite Release 4.3, Build 4312 or later

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Perimeter Services

Escalation ID: 1369963, 246348

Fix ID: 243914, 235712, 161419, 161418

Severity: Normal

Type: NormalFix

Build: 4214, 4312, 5008, 5102

Platform

InQuira ID: NFX9589

Title: Onfault not triggered when mandatory node is specified in business process and node is down.

Description:

Business Process fails when mandatoryNode is not available. BP contains OnFault logic and BP is checked-in with Set OnFault Processing selected. Same Business Processes work correctly on Gentran Integration Suite 4.3. Expected behavior is for adapter/service to fail when mandatoryNode is not available, upon adapter/service failure the Business Process should proceed to OnFault and continue processing OnFault steps on current node. What is actually happening is that the service/adaptor fails with a System Error -- General Engine Error, the Business Process then goes to the Onfault section and the first action within the OnFault also fails with a System Error -- General Engine Error. After getting the first System Error -- General Engine Error the Business Process cannot recover.

Error Message:

General engine error produced caught error putting wfc into Queue:000110020197

WORKFLOW.QUEUE.ERR_WorkFlowQueueSender_Exception1_str1 Attempt to distribute to mandatory node failed Error from Listener

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Platform

Escalation ID: 200835

Fix ID: 243674, 227359

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX8618

Title: Lock service throws "Lock already exists." error when lock is a substring of an existing lock.

Description:

If you create a lock and then try to create a second lock which is a substring of the first lock, then you get a "Lock already exists." error. For example:

1. Create a lock named "ABCDEFGH". The lock creates correctly
2. Create a lock named "DEF". The lock creation fails with the error: Lock(DEF, LockService, 1000000): Lock already exists.

Error Message:

Lock(DEF, LockService, 1000000): Lock already exists.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Platform

Escalation ID: 158933

Fix ID: 243564, 216665

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Platform

InQuira ID: NFX9589

Title: Onfault not triggered when mandatory node is specified in business process and node is down.

Description:

Business Process fails when mandatoryNode is not available. BP contains OnFault logic and BP is checked-in with Set OnFault Processing selected. Same Business Processes work correctly on Gentran Integration Suite 4.3. Expected behavior is for adapter/service to fail when mandatoryNode is not available, upon adapter/service failure the Business Process should proceed to OnFault and continue processing OnFault steps on current node. What is actually happening is that the service/adapter fails with a System Error -- General Engine Error, the Business Process then goes to the Onfault section and the first action within the OnFault also fails with a System Error -- General Engine Error. After getting the first System Error -- General Engine Error the Business Process cannot recover.

Error Message:

General engine error produced caught error putting wfc into Queue:000110020197

WORKFLOW.QUEUE.ERR_WorkFlowQueueSender_Exception1_str1 Attempt to distribute to mandatory node failed Error from Listener

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Platform

Escalation ID: 200835

Fix ID: 243674, 227359

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX8618

Title: Lock service throws "Lock already exists." error when lock is a substring of an existing lock.

Description:

If you create a lock and then try to create a second lock which is a substring of the first lock, then you get a "Lock already exists." error. For example:

1. Create a lock named "ABCDEFGH". The lock creates correctly
2. Create a lock named "DEF". The lock creation fails with the error: Lock(DEF, LockService, 1000000): Lock already exists.

Error Message:

Lock(DEF, LockService, 1000000): Lock already exists.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Platform

Escalation ID: 158933

Fix ID: 243564, 216665

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Reporting Services

InQuira ID: NFX8229

Title: HTTP 404 error being displayed, while creating a Sterling File Gateway partner, when browser is set to French or Spanish Language.

Description:

When trying to create a Sterling File Gateway partner you get an HTTP error 404 when clicking on the "FINISH" button to apply the changes or complete the configuration of the partner.

Error Message:

```
Error
404 /WEB-INF/layout/refreshtiles.jsp HTTP
ERROR: 404 /WEB-INF/layout/refreshtiles.jsp
RequestURI=/aft/WEB-INF/layout/refreshtiles.jsp
Powered by Jetty://
```

Workaround: Change the Internet Explorer preferred language to English (US).

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Reporting Services

Escalation ID: 218660

Fix ID: 243724, 230870

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Scheduling

InQuira ID: NFX9623

Title: Schedules may be display an error and may be incorrectly changed when edited

Description:

When setting up a BP to run on a 1 minute interval each day of the week with an exclusion, if the user goes back in and attempts to change the run interval, an error will be displayed and the edited schedule cannot be saved. In order to set an exclusion for a time range on a particular day, the user must use the 'Run based on day(s) of the week' setting for the Schedule. They then set the time interval (for example, 1 minute) and then choose to run all day every day. On the next screen, they can choose to set an exclusion for a time interval, which is the only way this can be done. Once the schedule is saved, it will convert the intervals to a 'Run based on timer', but it should save the exclusion day and times. However, if the user attempts to modify the run interval, the following error will be displayed on the screen:

'Exclusion does not have matching time. (key = w1)'

In addition, when the user goes back in to edit the schedule set up this way, it will automatically be set to 'Run based on timer'. If they try to go back to the 'Run based on day(s) of the week', the selected intervals will be missing from the display.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Scheduling

Escalation ID: 206412

Fix ID: 243676, 227655

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10837

Title: Display error when scheduling a BP using days of the week

Description:

When setting a schedule for a Business Process using the 'Run based on day(s) of the week', if the user selects the intervals to be from a Start Time on one day, and then through the entire day or days and then ending on a time on another day, the

display will show incorrect settings for the days that are scheduled all day. Each day that has the BP scheduled to run all day will show up as 'null Tuesday null' (for example).

This appears to be simply a display issue, and does not affect the executions of the process or the schedule in any way. The BP will run on it's scheduled interval without issue.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Scheduling

Escalation ID: 189961

Fix ID: 243611, 223718

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX8871

Title: Setting user in a schedule does not allow users of more than 12 characters

Description:

When creating a schedule, if you type a user into the "Run As User" field, you are limited to 12 characters. This means that you cannot enter a user that has 13 or more characters.

Error Message:

There is no error, you simply cannot enter more than 12 characters into the field.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

As a workaround if the build is not applied, you can click on the select user button to the right of the "Run as User" field and select a user from the pull down menu. You can select the longer usernames there.

Functional Area: Scheduling

Escalation ID: 172226

Fix ID: 243576, 219746

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10174

Title: Schedules have a systemname of 'null'

Description:

Node1 went down and node2 became the token node however the AssociateDocstoBP, PurgeService, and Fsa_FmsCollect schedules had a systemname of 'null' causing the schedule not to run.

Error Message:

n/a

Resolution:

If an active schedule with a null or blank systemname is found and has stopped running this fix corrects these null schedules and allows them to start running again.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Scheduling

Escalation ID: 152100

Fix ID: 243593, 222450, 216775

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

SCM Integration

InQuira ID: NFX10383

Title: Dropdown list to specify Map Name in Inbound & Outbound X12 ST & EDIFACT UNH Sponsor Questions does not contain 'NONE'

Description: Dropdown list to specify Map Name in Inbound & Outbound X12 ST & EDIFACT UNH Sponsor Questions does not contain 'NONE'.

Error Message: If blank is selected instead of None, then Sterling B2B Integrator Convert process fails.

Resolution: Apply Sterling B2B Integrator, Release 5.0 Build 5007 or later.

Functional Area: SCM Integration

Escalation ID: 213427

Fix ID: 243900, 235331

Severity: Normal

Type: NormalFix

Build: 5007, 5102

InQuira ID: NFX10385

Title: Partner Delete process does not delete the SCM managed partner in Sterling B2B Integrator.

Description: Partner Delete process does not delete the SCM managed partner in Sterling B2B Integrator.

Resolution: Apply Sterling B2B Integrator, Release 5.0 Build 5007 or later.

Functional Area: SCM Integration

Escalation ID: 169891

Fix ID: 243898, 235329

Severity: Normal

Type: NormalFix

Build: 5007, 5102

InQuira ID: NFX9484

Title: "Not Applicable" option not available for Invoke a Business Process -> Determine the Business

Description: In Sterling B2B Integrator, when building envelopes for the option of Invoke a Business Process -> Determine the Business Process by: in the drop down selection [Not Applicable] is an option, however in SCM this is not an option.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5007 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: SCM Integration

Escalation ID: 192957

Fix ID: 243899, 236995, 235330,

Severity: Normal

Type: NormalFix

Build: 5007, 5102

Security/Encryption

Fix ID: 243858

Title: Sterling B2B Integrator 5005 MBI not passing Corporate Risk Management Application Scan

Description:

The scan found 8 high risk vulnerabilities that must be resolved before customer go live.

Customer will not be allowed to go live until all of these issues are corrected.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Security/Encryption

Escalation ID: 237197

Severity: Normal

Type: NormalFix

Build: 5102

InQuira ID: NFX10967

Title: Document Decryption fails if encryption algorithm is changed

Description:

If the parameter 'ENC_ALG' is changed within security.properties. All documents previously encrypted with the previous algorithm are will not be accessible.

For example if you change the value from ENC_ALG=DESede to ENC_ALG=AES-128, All new documents will be encrypted using AES-128 and will be accessible but the old documents encrypted using DESede(3DES) will not be accessible.

Error Message:

File access errors will depending upon protocol or method to access the file. The errors will vary.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Security/Encryption

Escalation ID: 271564

Fix ID: 242620, 241013

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10296

Title: When accessing the Filegateway/myFilegateway login page, a JavaScript error is generated and/or blank page is displayed

Description: Sterling Integrator, Release 5.0 Build 5006

When accessing the Filegateway/myFilegateway login page, a JavaScript error is generated and/or a blank page is displayed. This only occurs on systems where those pages have been re-branded with custom skins.

If Filegateway/myFilegateway has been re-branded with custom skins, the user will experience the following symptom(s):

A javascript error will be issued when accessing the Filegateway/myFilegateway login page. <If a third party web debugger tool is used, the log would show a 403 response when the system attempts to load the custom skin JavaScript file named "load_skin.js">

Customers that have deployed Filegateway/myFilegateway on an HTTP server adapter and defined a name (URI) for the application other than Filegateway or myFilegateway (when configuring the HTTP server adapter) will experience the following symptoms:

A blank page will be returned with a similar JavaScript error as mentioned above.

Error Message: A javascript error is generated that reports a 403 return code and references the JavaScript file named "load_skin.js"

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5007 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

A workaround (below) is available in the event that updating to 5007 is not a short term option.

Workaround:

To address this issue, follow the steps below:

1. Edit the file named `security_filter.properties` in the following directory(s):
For Filegateway: `/install/container/Applications/filegateway/WEB-INF/classes`
For myFilegateway: `/install/container/Applications/myfilegateway/WEB-INF/classes`
2. Add an entry for the new skin name as follows:
For Filegateway: `(loginjsXX=/filegateway/isomorphic/skins/{NEW_SKIN_NAME}/load_skin.js`
For myFilegateway: Run deployer
3. Stop and restart the server

Functional Area: Security/Encryption

Escalation ID: N/A

Fix ID: 243891, 235305

Severity: Critical

Type: NormalFix

Build: 5007, 5102

InQuira ID: NFX10181

Title: INTERNAL - Security Vulnerability - Non encrypted passwords showing up in Queue Watcher

Description:

Non encrypted passwords showing up in Queue Watcher.

If we encrypt passwords in properties files using `enccfg` and `encstring`, then view the same property file from `queuwatcher`, passwords are showing up unencrypted.

Error Message:

none

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Security/Encryption

Escalation ID: 246217

Fix ID: 244888, 236437

Severity: Critical

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9797

Title: Incorrect behavior with custom password policy extension

Description:

Implemented a custom password policy according to the documentation (http://www.sterlingcommerce.com/Documentation/SI50/Content/Build_5001/Password_doclet/CustmPWpolicyExt.html)

1. Created the class (as per documentation) and deployed with install3rdParty
2. Added the following to customer_overrides.properties:

```
security.passwordPolicyExtensionImpl=com.sterlingcommerce.xx.security.PasswordPolicyExt
```

Then created a user, with the default users password policy. When logging into /dashboard the following happens:

1. User is authenticated and system prompts to change the password [CORRECT since the policy is to change at first login]
2. User inputs current password and invalid new password according to the password policy (e.g. doesn't contain a number)
3. System responds to say "Invalid username and/or password". [INCORRECT – system should state that the password does not conform to password policy]
4. User inputs current password and valid new password according to the password policy
5. System responds to say "Sorry, the old password is incorrect" [INCORRECT – system should allow login]
6. User inputs new password (entered in step 4) as current password and enters another valid new password according to password policy
7. System allows login [INCORRECT – looks like the password was actually changed in step 4]

If the user enters the correct current and new password at step 2 then the system allows login.

Error Message: Inconsistent errors if the password does not conform to password policy.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5007 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Security/Encryption

Escalation ID: 210291

Fix ID: 243919, 235799

Severity: Normal

Type: NormalFix

Build: 5007, 5102

InQuira ID: NFX9369

Title: Cross-Site Scripting (XSS) issues identified in some screen of Sterling B2B Integrator

Description:

Cross site scripting security issues identified in some screen of Sterling B2B Integrator

Error Message:

No Error

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Security/Encryption

Escalation ID: 195064

Fix ID: 243691, 228953

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9061

Title: Risk of access to MBI query string, which contains credentials that are displayed in the clear

Description:

When the customer was scanning for a MBI vulnerability, they found out that the following high risk exists of having a Password in the Query Data for a MBI url clearly displays user credentials in the clear. The MBI can be logged in via a provided URL. Leaving the login information in a query string makes it easy for an attacker to see and tamper with login values.

Error Message:

There are no errors unless incorrect credentials are supplied at their login page on the login page.

Resolution:

Apply Gentran Integration Suite 4.3, Build 4324 or later.

Apply Sterling B2B Integrator 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Security/Encryption

Escalation ID: 174463

Fix ID: 243623, 224596, 224227

Severity: Critical

Type: NewFunctionality

Build: 4324, 5008, 5102

InQuira ID: NFX9157

Title: Security Vulnerability - Broken Authorization

Description:

Customer has undertaken penetration testing of the Sterling B2B Integrator / Sterling File Gateway product and has found a vulnerability that allows a malicious user to perform actions beyond their intended privileges.

Error Message:

None.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Security/Encryption

Escalation ID: 185263

Fix ID: 243626, 224826

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Security Updates

Apply Sterling B2B Integrator, Release 5.1 Build 5102 or later to install the latest security updates. For more information on the security updates, see the following case IDs and Fix IDs:

Escalation ID: 235798 (185263)

Escalation ID: 226732 (185271)

Escalation ID: 227822 (185308)

Escalation ID: 226606 (185384)

Escalation ID: 226750 (185317)

Escalation ID: 185263 (235798)

Escalation ID: 178227 (237052, 222420)

Sterling File Gateway

Sterling File Gateway - Partner Management

InQuira ID: NFX9129

Title: Error while creating Sterling File Gateway community

Description:

While creating a Sterling File Gateway community with only the option "Partner Listens for Protocol Connections" chosen and a only a custom protocol selected, the error below is thrown after clicking "Next" button.

Error Message:

Error: "At least one protocol must be chosen."

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Sterling File Gateway - Partner Mgt

Escalation ID: 183868

Fix ID: 243729, 231014

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Sterling File Gateway - Route Config User Interface

Fix ID: 244361

Title: Process cannot be completed

Description: When performing any function in Sterling B2B Integrator 5.1 with patch 5101, the whole process takes extremely long to complete. Sometimes, it doesn't even get completed. Its mainly happening during the creation of Sterling Filegateway partner, routing channel and routing channel template. Routing channel creation takes a long time and a pop up occurs with message "time out".

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Route Config UI

Escalation ID: 288063

Severity: Normal

Type: NormalFix

Build: 5102

InQuira ID: NFX9029

Title: Unable to display routing channel template information in detail

Description:

When logged into filegateway as an fg_sysadmin level admin account, editing any routing template, saving it, the save was successful, and trying to highlight the template to view it; the right side window appears to be missing detailed template information and only displayed skeleton template information without any parameters that was setup previously. However, when the admin logout and back in to view the routing templates again, the admin is able to see the template information as if there was no issues and with detailed setup as one is expected to see. The observed available routing templates in the listing is greater then 130 in total estimate count.

Error Message:

```
Normal 0 false false false MicrosoftInternetExplorer4
/*Style Definitions */
table.MsoNormalTable{mso-style-name:"Table Normal";
mso-tstyle-rowband-size:0;
mso-tstyle-colband-size:0;
mso-style-noshow:yes;
mso-style-parent:"";
mso-padding-alt:0in 5.4pt 0in 5.4pt;
mso-para-margin:0in;
mso-para-margin-bottom:.0001pt;
mso-pagination:widow-orphan;
font-size:10.0pt;
font-family:"Times New Roman";
mso-ansi-language:#0400;
mso-fareast-language:#0400;
```


mso-bidi-language:#0400;}
Error occurred, check log for details. and The
instance of the template you are trying to view is no longer available.

Resolution:

Increased PageSize for the Routing Channel Template names to 500.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Sterling File Gateway - Route Config UI

Escalation ID: 172073

Fix ID: 243606, 223170, 223169

Severity: Normal

Type: CoreChange

Build: 4324, 5008, 5102

Sterling File Gateway - Route Processing

InQuira ID: NFX10156

Title: Duplicate documents being sent via FTP Push in Sterling File Gateway

Description:

When a {CONSUMERNAME.EN_US} is setup to push via FTP, then every time the {CONSUMERNAME.EN_US} is referenced in the Routing Template, the file will be automatically push the file to the consumer resulting in two files being send to the consumer.

Error Message:

n/a

Resolution:

In cases where there are multiple Delivery Channels in an RCT, and the consumer is a listening consumer where a protocol bp is called to send outbound, then only do so ONCE, and use the 1st delivery channel definition when doing so. Any additional delivery channel will deliver to the prescribed mailbox with the prescribed name; however, no outbound protocol bp will be invoked so that duplicate outbound deliveries are not made.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Sterling File Gateway - Route Processing

Escalation ID: 141825

Fix ID: 243654, 226156, 216028

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

Sterling File Gateway

NFX11065

Title: FG_0401 event mentions the wrong consumer when producer sends file to multiple consumers.

Description: FG_0401 event mentions the wrong consumer when producer sends file to multiple consumers using dynamic RCT and uploading a zip file containing different .txt files for each consumer.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Sterling File Gateway

Escalation ID: QC

Fix ID: 244115, 243076

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Standards

Fix ID: 240275

Title: inbd 997 throwing Java™ heap error

Description: java.lang.Exception: Throwable in ae.invokeservice:Java heap space when inbound X12 document has a < as its sub-element separator (or other delimiter).

Error Message:

java.lang.Exception: Throwable in ae.invokeservice:Java
heap space

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Standards

Escalation ID: 273188

Severity: Normal

Type: NormalFix

Build: 5102

Fix ID: 242613, 240805, 240961

Title: COMPILE ERROR 3007: Mapper does not recompile maps pulled from Sterling B2B Integrator 5.1

Description: SAP system map StatusMsgALE.map using the extended rule function accum() fails to compile. The 3007 compile error is issued.

Error Message:

```
MANDT:2  
ERROR 3007 Line 1: '0' is not a valid accumulator number  
ERROR 3007 Line 16: '0' is not a valid accumulator number  
ERROR 3007 Line 18: '0' is not a valid accumulator number  
MANDT:3  
ERROR 3007 Line 1: '0' is not a valid accumulator number  
ERROR 3007 Line 16: '0' is not a valid accumulator number  
ERROR 3007 Line 18: '0' is not a valid accumulator number
```

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Standards

Escalation ID: 283438

Severity: Normal

Type: NormalFix

Build: 5102

Fix ID: 243522, 200599

Title: Our implementation of Tradacoms in GIS is not compliant with the Standard

Description:

The envelope wizard for Inbound STX envelopes only allows the user to define the Receiver Code from the UNTO composite of the interchange header. This field is mandatory. According to the Tradacoms standard there can be two fields in the

UNTO composite - the Receiver Code and the the Receiver Name. Both are conditional and the Receiver Name becomes mandatory if the the Receiver Code is not present.

Customer's Trading Partner sends only the Receiver Name in the inbound data which results in an error in the TRADACOMSDeenvelope business process because the Receiver ID Code is not present. It is the Generic Deenvelope Service which throws the error.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Standards

Escalation ID: 1372177

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Fix ID: 249972

Title: x12 Deenvelope error, java.lang.ClassCastExceptionDescription:

Description:

Deenvelope fails with a class cast exception error when processing an interchange with multiple transactions and the map specified in the ST envelope outputs to a database.

The first document in the interchange is processed successfully and inserted into the database. The service then fails and the subsequent documents are not processed.

Error Message:

```
java.lang.ClassCastException:
com.sterlingcommerce.woodstock.workflow.DocumentOutputStream
cannot be cast to com.sterlingcommerce.woodstock.translator.util.DOMContainer WF.Log
stack
[2011-07-18 14:52:00.156] ERROR 000110070158
WORKFLOW.ACTIVITY_ENGINE.ERR_ActivityEngineHelper_invokeService21
ActivityEngineHelper.invokeService() caught exception while attempting
to execute service DeenvelopeX12
[2011-07-18 14:52:00.156] ERROR [1311015120156]
com.sterlingcommerce.woodstock.workflow.DocumentOutputStream
cannot be cast to com.sterlingcommerce.woodstock.translator.util.DOMContainer
[2011-07-18 14:52:00.156] ERRORDTL [1311015120156]java.lang.ClassCastException:
com.sterlingcommerce.woodstock.workflow.DocumentOutputStream cannot
be cast to com.sterlingcommerce.woodstock.translator.util.DOMContainer
at com.sterlingcommerce.woodstock.translator.blockprocessor.OutputSimpleBlockProcessor.
setOutput(OutputSimpleBlockProcessor.java:46)
at com.sterlingcommerce.woodstock.translator.engine.TranslationEngineImpl.translate(
TranslationEngineImpl.java:1236)
at com.sterlingcommerce.woodstock.translator.engine.TranslationEngine.translate(
TranslationEngine.java:190)
```

```
at com.sterlingcommerce.woodstock.services.edi.DevelopeBase.complianceCheckDocument(
  DevelopeBase.java:577)
at com.sterlingcommerce.woodstock.services.edi.developex12.DevelopeX12ServiceImpl.
  processTransactions(DevelopeX12ServiceImpl.java:1755)
at com.sterlingcommerce.woodstock.services.edi.developex12.DevelopeX12ServiceImpl.
  processGroups(DevelopeX12ServiceImpl.java:1441)
at com.sterlingcommerce.woodstock.services.edi.developex12.DevelopeX12ServiceImpl.
  processData(DevelopeX12ServiceImpl.java:290)
at com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.
  invokeService(ActivityEngineHelper.java:1812)
at com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.
  nextMainLogic(ActivityEngineHelper.java:632)
at com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.
  next(ActivityEngineHelper.java:362)
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.
  doWork(WorkFlowQueueListener.java:346)
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.
  run(WorkFlowQueueListener.java:221)
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.
  onMessage(WorkFlowQueueListener.java:182)
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.
  onMessage(WorkFlowQueueListener.java:169)
at com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.
  run(wfTransporter.java:444)
at com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.
  run(BasicExecutor.java:508)
at java.lang.Thread.run(Thread.java:662)
```

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Standards

Escalation ID: QC

Severity: Normal

Type: NormalFix

Build: 5102

InQuira ID: NFX8124

Title: (Oracle) Is there a limit with the swiftnet server/mefg services that we can only send less than a certain number of files over swift at a time.

Description:

Client is experiencing a critical issue that there is a limit with swiftnet server/mefg services that they can only send less than a certain number of files over swift at a time.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: SWIFT

Escalation ID: 128524

Fix ID: 243925

Severity: Normal

Type: NormalFix

Build: 5102

InQuira ID: NFX11172

Title: ACHDeenvelope process hangs when processing an input file with a large number of transaction sets that are not batched

Description:

If ACHDeenvelope processes an input file with a large number of transaction sets that are not batched, then the process may hang. Some of the other symptoms include poor performance, Out of Memory errors, and full garbage collection.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

This fix only applies when batching is turned off. A new property parameter "deenvolving.ACH.trackingTransWhileProcessing" was added to the enveloping.properties file. The default value for this property is False.

If set to True, Sterling B2B Integrator will save correlation information immediately while processing transactions, which in turn will reduce memory usage.

Functional Area: Standards

Escalation ID: 00229468

Fix ID: 243857, 234978

Severity: Normal

Type: NewFunctionality

Build: 5008, 5102

InQuira ID: NFX10966

Title: HIPAA 835 004010X091A1 compliance map should throw an error when CAS01=CR, CLP02 isn't = 22. From the 835 standards:

Description:

The compliance map (HIPAA_004010X091A1_835.map) should be checking the CAS and CLP records. The 835 HIPAA compliance map should throw an error when CAS01=CR, CLP02 isn't = 22. Currently this is not the case.

From the 835 standards:

Reversal Method

Reverse the original payment, restoring the patient accounting system to the preposting balance for this patient. Then, the payer sends the corrected claim payment to the provider for posting to the account. It is anticipated that the provider has the ability to post these reversals electronically, without any human intervention.

Reversing the original claim payment is accomplished with code 22, "reversal of previous payment", in CLP02; code CR, "corrections and reversals", in CAS01; and appropriate adjustments. All original charge, payment, and adjustment amounts are negated.

CLP*1234567890*22*-100*-40**12~

CAS*CR*1*-24**2*-16**45*-20~

Note: The reversal does not contain any patient responsibility amount in CLP or a patient responsibility-specific CAS segment.

CR Correction and Reversals

1056 Use this code for corrections and reversals to PRIOR claims. Use when CLP02=22, Reversal of Previous Payment.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

WORKAROUND

Add Extended Rule to

element #1033 (CAS01 element)

If #1033 = "CR" & \$2100_CLP[LX][CLP].#1028 != "22" then

CERROR (180, "When CAS01=CR, CLP02 must = 22.");

This generates this error report:

Report Entry:

Section: INPUT Severity: ERROR

SyntaxSpecific: false Syntax: -1 Code: 180 HIPAA Validation Error

Info:

10004: Field Name

When CAS01=CR, CLP02 must = 22.

10019:

Location Index

01:01:01

Functional Area: Standards

Escalation ID: 185842

Fix ID: 244102, 241790, 241787, 229740

Severity: Normal

Type: NormalFix

Build: 4325, 5008, 5102

InQuira ID: NFX10935

Title: SWIFT message validation error 10900: SWIFT Code C71

Description:

The C71 semantic error is incorrectly being reported in the SWIFT MT536 message type - SWIFT_2009_536. This happens because the implemented rule did not reset the counter variables on the onBegin of each iteration of the sequence.

Error Message:

Report Entry:

Section: INPUT Severity: ERROR

SyntaxSpecific: false Syntax: -1 Code: 1096

Info: 10004: Field Name 36B_PSTA

10019: Location Index 0

10900: SWIFT Code C71

10901: SWIFT Description MT 528, 529.

In sequence. B, field 36B::SETT cannot appear more than twice (maximum 2 occurrences). When repeated, one occurrence must have Quantity Type Code FAMT and the other occurrence must have Quantity Type Code AMOR. MT 535.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Standards

Escalation ID: 174083

Fix ID: 243601, 222891

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10267

Title: Cannot delete envelopes.

Description:

When trying to delete an envelope, two connections deadlock in the database which locks the envelope tables and prevents updating and reading envelopes. This is only when using SQL Server with READ_COMMITTED_SNAPSHOT set to false.

Error Message:

There is no error, but the SPIDs in the database hang and hold locks on objects.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Sterling B2B Integrator requires that READ_COMMITTED_SNAPSHOT be set to true in SQL Server. Setting this correctly will avoid this issue.

You can turn on READ_COMMITTED_SNAPSHOT with the command:

```
ALTER DATABASE <GIS_DB> SET READ_COMMITTED_SNAPSHOT ON
```

This will allow you to delete envelopes without applying the build with the fix.

Functional Area: Standards

Escalation ID: 241753

Fix ID: 243886, 235254

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10286

Title: "Title: "Code: 103 Illegal Repetition Separator" or "Code: 109 Invalid Repeating Element Separator"

Description:

Using the caret (^) symbol as any delimiter in inbound X12 data for standards 004020 and above throws the error "Code: 103 Illegal Repetition Separator" or "Code: 109 Invalid Repeating Element Separator"

Background Information:

In 4010 version and earlier, ISA 11 used to hold the "Interchange Control Standards Identifier", which means the Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer. These earlier standards DO NOT define a repeating element separator at all.

In this example, ISA 11 holds the value "U", indicating "U.S. EDI Community of ASC X12, TDCC, and UCS":

```
ISA*00* *00* *ZZ*GlobalChips *ZZ*Acme *080630*0350*U*00401*110000001*0*P*\
~GS*PO*GlobalChips*Acme*20080630*0350*1101*X*004010
```

In version 4020 and later, ISA11 is used as the repetition separator. This is a delimiter and not a data element.

This field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure. The value must be different from any of the data element separator or component element separator or the segment terminator.

In this example, the ISA11 holds ^ as the repetition separator:

```
ISA*00* *00* *ZZ*Acme *ZZ*GlobalChips *081217*0634*^*00404*100000001*0*P*\
~GS*PR*Acme*GlobalChips*20081217*0634*1001*X*004040~ST*855*1001
```

Errors which may occur:

"Code: 103 Illegal Repetition Separator"

When this error occurs, no matter what was being defined as the repeating element separator in the data, GSI/SI was passing the default value of a ^ to the translator regardless of the version. So when the ^ was also used as any other delimiter Gentran Integration Suite/Sterling Integrator would error.

"Code: 109 Invalid Repeating Element Separator"

When using a U in ISA 11 and ^ as any delimiters

Similar to the "Code 103" except the 109 error is generated when also using the "U" in ISA11.

Error Message:

"Code: 103 Illegal Repetition Separator"

"Code: 109 Invalid Repeating Element Separator"

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

If unable to patch, a workaround is to replace the ^ symbol with any other valid delimiter; the documentKeywordreplace service can be used for this purpose.

Functional Area: Standards

Escalation ID: 235310

Fix ID: 243846, 234907, 234664

Severity: Critical

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX10051

Title: Wildcard symbol "*" generated in UNG of outbound control

Description:

The wildcard symbol * is inserted in the generated outbound control document when using wildcards in the Trading Partner envelopes.

Error Message:

No error, incorrect output.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Standards

Escalation ID: 214266

Fix ID: 243796, 232779

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10899

Title: Contract lookup fails when Rosettanet 0A1 (NOF) messages are setup to be both sent and received from a partner

Description:

The following setup was used to test 0A1 Notification of Failure PIP simulating a partner for rosettanet Two Action Scenario (Buyer for 3A4) Setup:

Partner
A, Dev server,

Initiator

Partner B, Test server, Responder

The issue is observed when testing for Two Action PIPs, on the test server:-

Able to send 0A1 messages from partner A (dev server) to partner B (test server). There is 2 sets of contracts set up for partner B (4 contracts, 2 to receive 0A1 and 2 more to send 0A1) on the test server. If just the inbound 0A1 contracts are enabled, 0A1 is received and processed successfully. As soon as the outbound 0A1 contracts are enabled, the inbound 0A1 (inbound to partner B) fails with the following error

The inbound and outbound contract sets are the same, except the roles are reversed.

Error Message:

```
[RNIF20MessageParser]
RNIFMessageException Failure loading profile information
com.sterlingcommerce.woodstock.services.rosettanet.message.RNIFMessageException:
Failure loading profile information
at com.sterlingcommerce.woodstock.services.rosettanet.message.RNIF20MessageParser.
ParseMessage(RNIF20MessageParser.java:299)
at com.sterlingcommerce.woodstock.services.rosettanet.message.RNIFMessageParser.
ParseMessage(RNIFMessageParser.java:258)
at com.sterlingcommerce.woodstock.services.rosettanet.message.RNIFMessageParser.
processData(RNIFMessageParser.java:135)
at com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.
invokeService(ActivityEngineHelper.java:1774)
at com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.
nextMainLogic(ActivityEngineHelper.java:644)
at com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.
next(ActivityEngineHelper.java:371)
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.
doWork(WorkFlowQueueListener.java:326)
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.
run(WorkFlowQueueListener.java:202)
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.
onMessage(WorkFlowQueueListener.java:163)
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.
onMessage(WorkFlowQueueListener.java:149)
at com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.
run(wfTransporter.java:357)
at com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.
run(BasicExecutor.java:496)
at java.lang.Thread.run(Thread.java:801)
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Standards

Escalation ID: 211252

Fix ID: 243881, 235246

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10852

Title: Using wildcards in outbound EDI Envelopes and Deferred mode, all transactions are enveloped under the one partner.

Description:

When using wildcards in outbound EDI Envelopes and enveloping in Deferred mode, all outbound transactions are placed in the envelopes of the first trading partner located, regardless of the actual trading partner for which the transactions are intended.

Error Message:

No error, but outbound EDI data is enveloped incorrectly

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Standards

Escalation ID: 222052

Fix ID: 243768, 232617

Severity: Critical

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10847

Title: java.lang.OutOfMemoryError error when trying to envelope large (>650MB) file.

Description:

When trying to envelope a large file with more than 6000000 records which are mapping into 6000000 items in a single ST, we receive an out of memory error.

Error Message:

```
[2010-10-21  
16:54:28.126] ALL 000000000000 GLOBAL_SCOPE java.lang.OutOfMemoryError  
[2010-10-21 16:54:28.132] ALL 000000000000  
GLOBAL_SCOPE  
at com.sterlingcommerce.woodstock.packager.MIME.DocumentDataSource.  
getBytes(DocumentDataSource.java:67)  
[2010-10-21 16:54:28.132] ALL 000000000000  
GLOBAL_SCOPE  
at com.sterlingcommerce.woodstock.packager.MIME.MIMEEntity.loadData(  
MIMEEntity.java:1141)
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Standards

Escalation ID: 238306

Fix ID: 243811, 234090, 233984

Severity: Critical

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10158

Title: OutOfMemory Error occurs when running X12DeenvelopeUnified

Description:

JVM Memory issue. Verbose GC logs indicate back-to-back Full GCs prior to OutOfMemoryError.

Resolution:

Apply Gentran Integration Suite 4.3, Build 4324 or later.

Apply Sterling B2B Integrator 5.0 Build, 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Standards

Escalation ID: 130022

Fix ID: 243554, 214358, 212217

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX10114

Title: EDIDevelope assigning incorrect MessageType.

Description:

When EDIDevelope processes an Edifact interchange containing multiple message types, one DESADV and one INVOIC per example, both messages are processed and translated fine but on ProcessData of the BP launched by the UNH envelope for both messages, it lists the same MessageType when they should be different. All other information is correct.

EDIDevelope assigns the message type from the last message in the input interchange to all messages.

Error Message:

N/A

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Standards

Escalation ID: 237593

Fix ID: 243876, 235207

Severity: Critical

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9851

Title: Unexpected attribute in an inbound XML file reports translator error 693
Unrecognized XML Attribute

Description:

This should be a Warning rather than an Error so that the translation can continue.

Error Message:

693 Unrecognized XML Attribute

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Standards

Escalation ID: 153836, 00218968

Fix ID: 243590, 222417

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9787

Title: Mapper Input/Output Properties setting "Handling Whitespace in PCDATA" invalid for Positional data

Description:

Need to disable the "Handling Whitespace in PCDATA" on the Settings tab of the Input/Output properties in the Map Editor where the user has selected Positional format.

The option is not used for postional translations. The option "Handling Whitespace in PCDATA" is only valid for XML data and cannot be defined for positional data.

This has led to confusion for users.

Error Message: none

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Standards

Escalation ID: 215510

Fix ID: 243738, 231574

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9665

Title: Handling of empty documents by X12 Envelope Service

Description:

X12 Envelope Service does not report translation error on an empty document. The customer needs a way to distinguish between deliberately empty documents and ones caused by translation errors.

Error Message:

All translated documents to process are empty.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Additionally:

A new parameter in `Enveloping.Properties` will determine how this condition will be treated:

`enveloping.X12.useUpdatedEnvelopeTranslationErrorMsgs=true`

Additional errors reported are:

- HIPAA-Compliance-Error-All-Docs
- Translation-Error-All-Docs

Functional Area: Standards

Escalation ID: 207296

Fix ID: 243695, 228987, 228459

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX9194

Title: Document Extraction Service improperly extracts/batches large XML Transactions

Description:

Document Extraction Service improperly extracts/batches large XML transactions.

```
<assign  
to="XMLRootTagForBatches">Some_Tag</assign>
```

Example of doc-split showing invalid tags:

```
<ZZZZ<Some_Tag>  
Z>001</ZZZZ>
```

Error Message:

No errors reported, but the output is incorrect.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008. or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Standards

Escalation ID: 188383

Fix ID: 243619, 224198

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9073

Title: OUTPUT_REPORT_TO_PD ignored when all input documents are invalid for X12 envelope/deenvelope

Description:

When all input documents are invalid (Adv. status: "All translated documents to process are empty"), the OUTPUT_REPORT_TO_PD parameter to the de/envelope service is ignored, and no node /ProcessData/TranslationReport exists. When only some of the documents are invalid (Adv. status: "Translation-Error-Some-Docs"), the report is produced and part of ProcessData.

Error Message:

No error

Resolution:

To receive correct status messages, set the enveloping.X12.useUpdatedEnvelopeTranslationErrorMsgs property to false in the enveloping.properties file.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Standards

Escalation ID: 174795,255963

Fix ID: 243686 , 228271, 227900

Severity: Normal

Type: NormalFix

Build: 4324 5008, 5102

InQuira ID: NFX8854

Title: XML Encoder Service with Edifact data errors with Code: 121 Too Many Subfields - delimiters are not recognized

Description: XML Encoder Service is matching up all elements and sub-elements that are in the map to the EDI Edifact data file. It is matching non-Activated elements to each consecutive field in the data file - completely ignoring the delimiters. If a sub-element is not activated, it is using it in the Instance data with the data from a different element or sub-element within the segment.

This error also occurs when a Component has multiple sub elements, but the first two sub elements are not present. It ignores (does not read or output) the third sub element that is present in the input file yet it throws the Code: 121 error.

This occurs in Gentrans Integration Suite release 4.2 4221, 4.3 4322, and Sterling B2B Integrator release 5.0 5003

Error Message:

Code: 121 Too Many Subfields

Error is on _9808

It is matching up every element/subelement in the map to the data regardless if it is activated or not

Also if a Component is present that does not contain the first two sub elements, it ignores the data in the third sub element.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5007 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Standards

Escalation ID: 171108 180115

Fix ID: 243660, 226533

Severity: Critical

Type: NormalFix

Build: 5007, 5102

InQuira ID: NFX7942

Title: Code: 180 HIPAA Validation Error BPR11 is required when BPR04 = ACH, BOP, or FWT

Description:

The standards guide shows the BPR05 through BPR15 as mandatory when the BPR04 = ACH. This is written on the page for the BPR04, however, on the individual elements of the BPR all with the exception of the BPR11 state they are mandatory if the BPR04 = ACH.

Error Message:

```

Report Entry:
  Section: HEADER      Severity: INFO
  SyntaxSpecific: false Syntax: -1      Code: 20 Translation
Object Name Info:
  20: Translation Object Name
  HIPAA 835 Report Entry:
  Section: HEADER      Severity: INFO
  SyntaxSpecific: false Syntax: -1      Code: 12 Start Time
  Info:                12: Start Time
                    Thu Dec 17 14:32:45 EST 2009 Report
Entry:                Section: INPUT    Severity:
ERROR                SyntaxSpecific: false Syntax:
-1                   Code: 180 HIPAA Validation Error
  Info:                10007: Group Name
                    835                10010: Instance
                    0 10008: Field Id
                    11                10005: Field
Data                  10018: Additional Information
                    BPR11 is required when BPR04 = ACH, BOP, or FWT 10019:
Location Index        0

```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Standards

Escalation ID: 125707

Fix ID: 243546, 208011, 207995

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX10813

Title: Outbound EDI process. 1.5 GB file causes OOMs

Description:

OOM caused by the report size which is held in memory until translation is done.

Error Message:

OutOfMemory error reported.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Standards

Escalation ID: 139955

Fix ID: 243610, 223707, 217772

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Service and Adapter

Fix ID: 240564, 239427

Title: SWIFT Interact Responses

Description: Sterling B2B Integrator Swiftnet is not attaching the appropriate signature in ACK for the xsys interact message.

When Non Repudiation is set to True, the signature that Sterling B2B Integrator returned is reformatted, therefore it didn't preserve the value correctly.

Because Swift didn't receive the ACK, it will resend the message which causes duplicate message.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Service and Adapter

Escalation ID: 258624

Severity: Normal

Type: NormalFix

Build: 5102

Fix ID: 248097

Title: Critical B2B Mail Client Adapter Issue [Reconcile]

Description:

Customer has attempted to enable the B2B Mail Client Adapter in Sterling B2B Integrator 5.1. It will not enable. The servicesctl log states that the adapter is unknown.

Customer has the B2B Mail Client Adapter working in production with Sterling B2B Integrator 5.0 successfully.

The adapters in Sterling B2B Integrator 5.0 and Sterling B2B Integrator 5.1 connect to the same email server and are configured the same.

Error Message:

From the service.log file.

```
[2011-05-19
10:51:11.427]
DEBUG 000420020013 SERVICES.SERVICES_CONTROLLER.DEB_threadRegister
threadRegister(), history stack is null, so create one for this
thread Schedule.MLX_B2B_Mail_Client_Adapter
[2011-05-19
10:51:11.427] DEBUG 000420020014 SERVICES.SERVICES_CONTROLLER.DEB_
threadRegister1
threadRegister(), add ThreadData Schedule.MLX_B2B_Mail_Client_Adapter
to stack
[2011-05-19 10:51:11.429] DEBUG
0004200200164 SERVICES.SERVICES_CONTROLLER.DEB_ServiceControlImpl_
getAdapterProperties
[ServiceControlImpl.getAdapterProperties]adapter Scheduler_MLX_
B2B_Mail_Client_Adapter
is unknown
[2011-05-19 10:51:11.436] DEBUG
000420020013 SERVICES.SERVICES_CONTROLLER.DEB_threadRegister
threadRegister(),
history stack is null, so create one for this thread LNR.37792662.
Thread
[2011-05-19 10:51:11.436] DEBUG 000420020014
SERVICES.SERVICES_CONTROLLER.DEB_threadRegister1 threadRegister(),
add ThreadData LNR.37792662.Thread to stack
[2011-05-19
10:51:11.436] DEBUG 000420020014 SERVICES.SERVICES_CONTROLLER.DEB_
threadRegister1
threadRegister(), add ThreadData LNR.37792662.Thread to stack
[2011-05-19
10:51:11.436] DEBUG 000420020014 SERVICES.SERVICES_CONTROLLER.DEB_
threadRegister1
threadRegister(), add ThreadData WFE.37792662.Thread to stack
[2011-05-19
10:51:11.437] DEBUG 000420020014 SERVICES.SERVICES_CONTROLLER.DEB_
threadRegister1
threadRegister(), add ThreadData HAR.37792662.Thread to stack
[2011-05-19
10:51:11.437] DEBUG 000420020024 SERVICES.SERVICES_CONTROLLER.DEB_
unregisterThread_th
unregisterThread(th), Thread Name was [ Schedule.MLX_B2B_Mail_
Client_Adapter
] (OID= 459581458
[2011-05-19 10:51:11.437]
DEBUG 000420020027 SERVICES.SERVICES_CONTROLLER.DEB_SCI_unregisterThread
SCI.unregisterThread(), vector,size()=2,clear stack, thread and
threadHistory.
[2011-05-19 10:51:11.437]
DEBUG 000420020028 SERVICES.SERVICES_CONTROLLER.DEB_SCI_unregisterThread1
SCI.unregisterThread(), Removing td[ Schedule.MLX_B2B_Mail_
Client_Adapter
] from internal hashtables.
[2011-05-19 10:51:12.352]
DEBUG 000420020024 SERVICES.SERVICES_CONTROLLER.DEB_unregisterThread_th
unregisterThread(th), Thread Name was [ HAR.37792662.Thread ]
(OID=
1133345899
[2011-05-19 10:51:12.352] DEBUG
000420020029 SERVICES.SERVICES_CONTROLLER.DEB_SCI_unregisterThread2
SCI.unregisterThread(), vector,size()=2,remove element index 0
(zero) ThreadData
[2011-05-19 10:51:12.352]
DEBUG 000420020312 SERVICES.SERVICES_CONTROLLER.DEB_SCI_unregisterThread11
SCI.unregisterThread(), Removing td[ HAR.37792662.Thread ] from
internal hashtables.
[2011-05-19 10:51:12.358]
DEBUG 000420020024 SERVICES.SERVICES_CONTROLLER.DEB_unregisterThread_th
unregisterThread(th), Thread Name was [ WFE.37792662.Thread ] (OID=
```

```

1133345899
[2011-05-19 10:51:12.358] DEBUG
000420020029 SERVICES.SERVICES_CONTROLLER.DEB_SCI_unregisterThread2
SCI.unregisterThread(), vector,size()!=2,remove element index 0
(zero) ThreadData
[2011-05-19 10:51:12.358]
DEBUG 000420020312 SERVICES.SERVICES_CONTROLLER.DEB_SCI_unregisterThread11
SCI.unregisterThread(), Removing td[ WFE.37792662.Thread ] from
internal hashtables.
[2011-05-19 10:51:12.358]
DEBUG 000420020024 SERVICES.SERVICES_CONTROLLER.DEB_unregisterThread_th
unregisterThread(th), Thread Name was [ LNR.37792662.Thread ] (OID=
1133345899
[2011-05-19 10:51:12.358] DEBUG
000420020029 SERVICES.SERVICES_CONTROLLER.DEB_SCI_unregisterThread2
SCI.unregisterThread(), vector,size()!=2,remove element index 0
(zero) ThreadData
[2011-05-19 10:51:12.358]
DEBUG 000420020312 SERVICES.SERVICES_CONTROLLER.DEB_SCI_unregisterThread11
SCI.unregisterThread(), Removing td[ LNR.37792662.Thread ] from
internal hashtables.
[2011-05-19 10:51:12.358]
DEBUG 000420020024 SERVICES.SERVICES_CONTROLLER.DEB_unregisterThread_th
unregisterThread(th), Thread Name was [ LNR.37792662.Thread ] (OID=
1133345899
[2011-05-19 10:51:12.358] DEBUG
000420020027 SERVICES.SERVICES_CONTROLLER.DEB_SCI_unregisterThread
SCI.unregisterThread(), vector,size()==2,clear stack, thread and
threadHistory.
[2011-05-19 10:51:12.358]
DEBUG 000420020028 SERVICES.SERVICES_CONTROLLER.DEB_SCI_unregisterThread1
SCI.unregisterThread(), Removing td[ LNR.37792662.Thread ] from
internal hashtables.

```

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Service and Adapter

Escalation ID: 00308229

Severity: Normal

Type: NormalFix

Build: 5102

InQuira ID: NFX10810

Title: Odette FTP Adapter throws error "SessionError: Unspecified Abort code."

Description:

Odette FTP Adapter throws error "SessionError: Unspecified Abort code. An error was detected for which no specific code is defined." Testing OFTP between SI50 and GIS43 where SI50 is client and GIS43 is server.

The Odette FTP adapter on SI50 throws error.

SessionError: Unspecified Abort code. An error was detected for which no specific code is defined. But data makes it to Gentran Integration Suite 43 Odette FTP adapter successfully. SI50 never received EERP from Gentran Integration Suite 43.

Error Message:

```

[2010-03-24 15:58:28.056]
DEBUG 000000000000 GLOBAL_SCOPE OFTPSendFile.outbound.
PPC_TEST_ORG.898301_0000
(15:58:27.918) Create the business process admin.
[2010-03-24 15:58:28.056]
DEBUG 000000000000 GLOBAL_SCOPE OFTPSendFile.outbound.
PPC_TEST_ORG.898301_0000
(15:58:27.918) The inbound server uses the User ID [None] as BP
owner.
[2010-03-24 15:58:28.056]
DEBUG 000000000000 GLOBAL_SCOPE OFTPSendFile.outbound.
PPC_TEST_ORG.898301_0000
(15:58:27.923) Transition TransitionIP_A3 delivers Event
IP_DataRequest
within Session 898301_0000 to Lower Layer
in PE IP_OFTPSendFile
[2010-03-24 15:58:28.056]
DEBUG 000000000000 GLOBAL_SCOPE OFTPSendFile.outbound.
PPC_TEST_ORG.898301_0000
(15:58:27.923)
Session 898301_0000 enter
method com.sterlingcommerce.woodstock.services.oftp.comm.ip.driver.PerimeterConnector.handleDataRQ
for handling of data request
[2010-03-24 15:58:28.056]
DEBUG 000000000000 GLOBAL_SCOPE OFTPSendFile.outbound.
PPC_TEST_ORG.898301_0000
(15:58:27.923) Queue send data in PerimeterChannel and
call controlConduit.wantToSend
[2010-03-24 15:58:28.056] ERROR 000000000000
GLOBAL_SCOPE OFTPSendFile.outbound.PPC_TEST_ORG.898301_
0000 (15:58:27.923)
ProtocolEngineTask, method run(): A TransitionException
in the transition UserMonitor_A13 occurred: Error occurred
in data
store.
000110090220 WORKFLOW.ENGINE.ERR_WEHelper_PermException11
User [None] does not have permission to execute
{BP name} com.sterlingcommerce.woodstock.security.
PermissionException:
000110090220 WORKFLOW.ENGINE.ERR_WEHelper_PermException11
User [None] does
not have permission to execute {BP Name}
at com.sterlingcommerce.woodstock.workflow.engine.WEHelper.
checkSecurity(WEHelper.java:703)
at com.sterlingcommerce.woodstock.workflow.engine.WEHelper.
checkSecurity(WEHelper.java:744)
at com.sterlingcommerce.woodstock.workflow.engine.WEHelper.
dispatch(WEHelper.java:1124)
at com.sterlingcommerce.woodstock.workflow.engine.WEHelper.
dispatch(WEHelper.java:1109)
at com.sterlingcommerce.woodstock.workflow.engine.
WorkflowEngineRMImpl.dispatch(WorkflowEngineRMImpl.java:987)
at com.sterlingcommerce.woodstock.workflow.Dispatcher.
run(Dispatcher.java:72)
at java.lang.Thread.run(Thread.java:595)
[2010-03-24 15:58:28.056]
DEBUG 000000000000 GLOBAL_SCOPE OFTPSendFile.outbound.
PPC_TEST_ORG.898301_0000
(15:58:27.923) Put send header and data into ByteBuffer.
Total 4+1
Bytes added
[2010-03-24 15:58:28.056] ERROR
000000000000 GLOBAL_SCOPE OFTPSendFile.outbound.PPC_TEST_ORG.898301_0000
(15:58:27.924) The method "postActionXERP" of class
"com.sterlingcommerce.woodstock.services.oftp.fsm.usermon.
persistence.BProcPersistenceHandler"
has thrown the exception "com.sterlingcommerce.woodstock.
services.oftp.fsm.TransitionException".
The reason is : Error occurred in data store..
com.sterlingcommerce.woodstock.workflow.InitialWorkflowContextException,
com.sterlingcommerce.woodstock.services.oftp.fsm.TransitionException,
Error occurred in data store.
000110090220
WORKFLOW.ENGINE.ERR_WEHelper_PermException11 User [None] does not
have permission to execute {BP Name}
com.sterlingcommerce.woodstock.security.PermissionException:
000110090220 WORKFLOW.ENGINE.ERR_WEHelper_PermException11 User [None]
does not have permission to execute {BP Name}
at com.sterlingcommerce.woodstock.workflow.engine.WEHelper.
checkSecurity(WEHelper.java:703)

```



```
at com.sterlingcommerce.woodstock.workflow.engine.WEHelper.  
checkSecurity(WEHelper.java:744)  
at com.sterlingcommerce.woodstock.workflow.engine.WEHelper.  
dispatch(WEHelper.java:1124)  
at com.sterlingcommerce.woodstock.workflow.engine.WEHelper.  
dispatch(WEHelper.java:1109)  
at com.sterlingcommerce.woodstock.workflow.engine.  
WorkFlowEngineRMImpl.dispatch(  
    WorkFlowEngineRMImpl.java:987)  
at com.sterlingcommerce.woodstock.workflow.Dispatcher.  
run(Dispatcher.java:72)  
at java.lang.Thread.run(Thread.java:595)  
at com.sterlingcommerce.woodstock.services.oftp.fsm.  
usermon.persistence.  
    BProcPersistenceHandler.postActionX
```

Resolution:

Changed the LPC/PPC to choose BPname and User from the same location - either from Contract or OdetteFTP adapter.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Service and Adapter

Escalation ID: 159182

Fix ID: 243642, 225703

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10839

Title: DataSweeper may fail when run as a Service in Sterling Integrator

Description:

After installing the dataSweeper utility on Sterling B2B Integrator 5.0, the command line version of the tool appears to work correctly.

When it is run from inside the Sterling B2B Integrator application, the BP completes, but there is no status report created in Step 4 (the DataSweeper Service step).

Error Message:

The noapp.log file shows the following error:

```
[2010-03-16 13:44:47.062]  
ALL 000000000000 GLOBAL_SCOPE java.lang.NullPointerException  
[2010-03-16  
13:44:47.062] ALL 000000000000 GLOBAL_SCOPE  
[2010-03-16 13:44:47.062] ALL 000000000000  
GLOBAL_SCOPE at com.sterlingcommerce.dataSweeper.dataSweeper.  
processData(dataSweeper.java:119)  
[2010-03-16 13:44:47.062]  
ALL 000000000000 GLOBAL_SCOPE at com.sterlingcommerce.dataSweeper.  
dataSweeper.processData(dataSweeper.java:113)
```

```
[2010-03-16 13:44:47.062] ALL 000000000000 GLOBAL_SCOPE
at com.sterlingcommerce.dataSweeper.dataSweeperServiceImpl.
processData(dataSweeperServiceImpl.java:81)
[2010-03-16 13:44:47.062] ALL 000000000000
GLOBAL_SCOPE at com.sterlingcommerce.woodstock.workflow.activity.
engine.ActivityEngineHelper.invokeService(ActivityEngineHelper.java:1742)
[2010-03-16 13:44:47.062] ALL 000000000000 GLOBAL_SCOPE
at com.sterlingcommerce.woodstock.workflow.activity.engine.
ActivityEngineHelper.nextMainLogic(ActivityEngineHelper.java:599)
[2010-03-16 13:44:47.062] ALL 000000000000
GLOBAL_SCOPE at com.sterlingcommerce.woodstock.workflow.
activity.engine.ActivityEngineHelper.next(ActivityEngineHelper.java:353)
[2010-03-16 13:44:47.062] ALL 000000000000
GLOBAL_SCOPE at com.sterlingcommerce.woodstock.workflow.
queue.WorkFlowQueueListener.doWork(WorkFlowQueueListener.java:324)
[2010-03-16 13:44:47.062] ALL 000000000000
GLOBAL_SCOPE at com.sterlingcommerce.woodstock.workflow.
queue.WorkFlowQueueListener.run(WorkFlowQueueListener.java:202)
[2010-03-16 13:44:47.062] ALL 000000000000 GLOBAL_SCOPE
at com.sterlingcommerce.woodstock.workflow.queue.
WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:163)
[2010-03-16 13:44:47.062] ALL 000000000000 GLOBAL_SCOPE
at com.sterlingcommerce.woodstock.workflow.queue.
WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:150)
[2010-03-16 13:44:47.062] ALL 000000000000 GLOBAL_SCOPE
at com.sterlingcommerce.woodstock.workflow.queue.
wfTransporter.run(wfTransporter.java:355)
[2010-03-16 13:44:47.062] ALL 000000000000
GLOBAL_SCOPE at com.sterlingcommerce.woodstock.
workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:496)
[2010-03-16 13:44:47.062] ALL 000000000000
GLOBAL_SCOPE at java.lang.Thread.run(Thread.java:595)
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Service and Adapter

Escalation ID: 150239

Fix ID: 243562, 215960

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9654

Title: SFTP hangs in SFTP Begin Session service and all threads are busy

Description: Using Gentran Integration Suite version 4.3 and build 4322 or build 4319. The problem can also occur when using Sterling B2B Integrator 5.0. Business Processes using SFTP Begin Session Service are hanging with status ACTIVE or Delay-Waiting-On-IO. All threads for the queue are busy with Business Processes using SFTP Begin Session service.

Business Processes using the SFTP Begin Session can be submitted and will free up thread after changing status to Delay-Waiting-On-IO. When the number of Business Processes in Delay-Waiting-On-IO is equal to the number of threads for SFTP Client Adapter SFTP Business Processes will stay ACTIVE and hold a thread.

The Business Process can be terminated but the thread will remain in use. Interrupting the thread should be effective. Stopping the thread may not be effective in freeing up the thread. Once the thread is free other Business Processes should execute including Business Processes using SFTP. But Business Processes using the SFTP Begin Session connecting to the remote SFTP server that is not responding may remain active when re submitted.

This problem has been known to occur when the remote SFTP server has put the SFTP client IP Address on a banned list. A packet trace shows the SFTP client and server completing the TCP three way handshake (SYN, SYN-ACK, ACK) but not other packets are transferred. Some traces FIN packets are observed with no effect on the problem.

Error Message

The SFTP client log reports a time out exception.

```
[2010-08-03
09:32:12.56]
ERROR EDU.oswego.cs.dl.util.concurrent.TimeoutException
at EDU.oswego.cs.dl.util.concurrent.FutureResult.timedGet(
FutureResult.java:128)
at com.sterlingcommerce.woodstock.services.sftpclient.services.
Response.waitForResults(Response.java:107)
at com.sterlingcommerce.woodstock.services.sftpclient.client.
Client.beginSession(Client.java:287)
at com.sterlingcommerce.woodstock.services.sftpclient.
AdapterImpl.beginSession(AdapterImpl.java:191)
at sun.reflect.GeneratedMethodAccessor259.invoke(Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(
DelegatingMethodAccessorImpl.java:25)
at java.lang.reflect.Method.invoke(Method.java:585)
at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:294)
at sun.rmi.transport.Transport$1.run(Transport.java:153)
at java.security.AccessController.doPrivileged(Native Method)
at sun.rmi.transport.Transport.serviceCall(Transport.java:149)
at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:466)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(
TCPTransport.java:707)
at java.lang.Thread.run(Thread.java:595)
```

Resolution

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

When the fix is applied a new property is added to sftp.properties to control the amount of time SFTP Begin Session Service will wait for a connection. The property is sshTransportTimeout=. The default value is 30 seconds specified in milliseconds. For example sshTransportTimeout=30000. With this fix applied and the default sshTransportTimeout=30000 the SFTP Begin Session Service will end after waiting 30 seconds for a connection. Other SFTP services are not affected by this property.

If the fix is not applied try interrupting the thread for the Business Process that is stuck on the thread. This should free up the thread and allow Business Processes on the wait queue to process. However Business Processes connecting to the remote SFTP server having a problem could become stuck on the thread again trying to connect to the same remote SFTP server. Terminating problem SFTP Business Processes may not free up the thread. Stopping the thread may not be

effective. Before interrupting the thread(s), eliminate Business Processes trying to connect to the problem SFTP server until connectivity can be reestablished.

Functional Area: Service and Adapter

Escalation ID: 206964

Fix ID: 243935, 235968, 236107,

Severity: Critical

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX8072

Title: TextDocumentAppend Service does not allow the availability of the Document Name when viewed in Process Execution or Advanced File Transfer

Description:

Customer is using the Text Document Append Service within his business process. This will then take the file and put it out in a mailbox. When the process runs, after the Text Doc Append stap is run, it will delete the filename when you view it through the Process Execution. Then when you go into the Advanced File Transfer UI, you will see a document put out in the mailbox, however it will have no Doc Name. If you look directly at the mailbox the name is present.

Error Message:

No error message, just a document in the mailbox that has no doc name when viewed via Advanced File Transfer.

Resolution:

Apply Gentran Integration Suite Release 4.2, Build 4223 or later.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

If unable to patch, a workaround to force the DocumentName to remain available is to use the GetDocumentInfoService before and after the TextDocAppender. (See BPML below).

```
-----  
<process  
name="Pre_AFTRouteAddMailboxMessage">  
<sequence>  
<operation  
name="Get Document Information  
Service">
```

```

<participant name="GetDocumentInfoService"/>
<output
message="GetDocumentInfoServiceTypeInputMessage">
<assign to="DocumentName" from="substring-
after(/ProcessData/ServerResponse/Headers/Content-disposition/text(),
&apos;filename=&apos;)"></assign>
<assign to="updateMetaDataOnly">true</assign>
<assign to="."
from="*"></assign>
</output>
<input
message="inmsg">
<assign to="." from="*"></assign>
</input>
</operation>
<operation name="Text Document Appender">
<participant
name="TextDocAppender"/>
<output message="DocAppendInputMessage">
<assign
to="appendString">Append
String</assign>
<assign to="." from="*"></assign>
</output>
<input
message="inmsg">
<assign to="." from="*"></assign>
</input>
</operation>
<operation
name="Get
Document Information Service">
<participant
name="GetDocumentInfoService"/>
<output
message="GetDocumentInfoServiceTypeInputMessage">
<assign to="." from="*"></assign>
<assign
to="DocumentName"
from="/ProcessData/DocumentName/text()"></assign>
<assign
to="updateMetaDataOnly">true</assign>
</output>
<input
message="inmsg">
<assign to="."
from="*"></assign>
</input>
</operation>
</sequence>
</process>

```

Functional Area: Service and Adapter

Escalation ID: 126385

Fix ID: 243624, 224722, 224721, 210999

Severity: Normal

Type: NormalFix

Build: 4223, 4324, 5008, 5102

InQuira ID: NFX10877

Title: Can Cryptographic Message Service parse attachments from MIME messages and output the attachments to ProcessData?

Description:

Yes Cryptographic Message Service can be used to retrieve attachments from MIME message and is also capable of processing large MIME documents.

Error Message:

No error. MIME Attachments are not placed in process data.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

After the build is applied, the attachments will be accessible from ProcessData.

Run the following business process passing the MIME document with attachments as input:

```
<process
name = "test_crypto_parse">
<sequence>
<operation
name="Crypto Message Service">
<participant
name="CryptoMsgService"/>
<output message="outmsg">
<assign
to="." from="*"/>
<assign to="action">parse</assign>
<assign
to="verifyCerts">WebServicesCert</assign>
</output>
<input
message="inmsg">
<assign to="." from="*"/>
</input>
</operation>
```

```

<assign
to="PrimaryDocument" from="//ProcessData/document2/@SCIObjectID">
</assign>
<operation
name="File System Adapter">
<participant
name="fs_adapter"/>
<output message="FileSystemInputMessage">
<assign
to="Action">FS_EXTRACT</assign>
<assign
to="." from="*"></assign>
</output>
<input
message="inmsg">
<assign to="." from="*"></assign>
</input>
</operation>
</sequence>
</process>

```

The attachments are placed in Process data as follows:

Process Data

Process Name: test_crypto_parse Instance ID: 4009

Service Name: CryptoMsgService

```

<?xml version="1.0" encoding="UTF-8"?>
<ProcessData>
<email-body>
<message>Please
see attached...</message>
</email-body>
<tmp>
<Document
SCIObjectID="nereus:node1:12b3ef31561:490"/>
</tmp>
<PrimaryDocument
SCIObjectID="machine:node1:12b3ef31561:520"/>
<Number_of_Docs>3</Number_of_Docs>
<document1
SCIObjectID="machine:node1:12b3ef31561:548"/>
<document2
SCIObjectID="machine:node1:12b3ef31561:549"/>
<document3
SCIObjectID="machine:node1:12b3ef31561:550"/>
</ProcessData>

```

Number_of_Docs is equal to the total number of documents which includes the original document (document1) plus the attachments. In the example above, there are 2 attachments from the MIME document.

The attachments are identified by document# tags where # starts with 2.

Functional Area: Service and Adapter

Escalation ID: 174949

Fix ID: 243727, 230994

Severity: Normal

Type: NewFunctionality

Build: 5008, 5102

InQuira ID: NFX10241

Title: Random MQException during MQCONN: CC=2 RC=2009 CONNECTION_BROKEN (Fail to setup SSL parameters).

Description:

WebSphere MQ 6.2.0.8 :- Using SSL on WSMQ_OpenSession, randomly the following error is raised when some BPs are parallel started "MQException during MQCONN: CC=2 RC=2009 CONNECTION_BROKEN (Fail to setup SSL parameters)" and the BP is going in "halted" status. However when the BP is restarted manually the BP is processed correctly without error.

Error Message:

MQException during MQCONN: CC=2 RC=2009 CONNECTION_BROKEN (Fail to setup SSL parameters)

Resolution: Apply Sterling B2B Integrator, Release 5.0 Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Service and Adapter

Escalation ID: 223388

Fix ID: 244004, 238243

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10810

Title: Odette FTP Adapter throws error "SessionError: Unspecified Abort code."

Description:

Odette FTP Adapter throws error "SessionError: Unspecified Abort code. An error was detected for which no specific code is defined." Testing OFTP between SI50 and GIS43 where SI50 is client and GIS43 is server. The Odette FTP adapter on SI50 throws error.

SessionError: Unspecified Abort code. An error was detected for which no specific code is defined. But data makes it to Gentran Integration Suite 43 Odette FTP adapter successful. SI50 never received EERP from Gentran Integration Suite 43.

Error Message:

```
[2010-03-24
15:58:28.056]
DEBUG 000000000000 GLOBAL_SCOPE OFTPSendFile.outbound.PPC_
TEST_ORG.898301_0000
(15:58:27.918) Create the business process admin.
[2010-03-24 15:58:28.056]
DEBUG 000000000000 GLOBAL_SCOPE OFTPSendFile.outbound.PPC_
TEST_ORG.898301_0000
(15:58:27.918) The inbound server uses the User ID [None] as BP
owner.
[2010-03-2415:58:28.056]
DEBUG 000000000000 GLOBAL_SCOPE OFTPSendFile.outbound.PPC_
TEST_ORG.898301_0000
(15:58:27.923) Transition TransitionIP_A3 delivers Event IP_
DataRequest
within Session 898301_0000 to Lower Layer
in PE IP_OFTPSendFile
[2010-03-24 15:58:28.056]
DEBUG 000000000000 GLOBAL_SCOPE OFTPSendFile.outbound.PPC_TEST_
ORG.898301_0000
(15:58:27.923) Session 898301_0000 enter
method com.sterlingcommerce.woodstock.services.oftp.comm.ip.
driver.PerimeterConnector.handleDataRQ
for handling of data request
[2010-03-24 15:58:28.056]
DEBUG 000000000000 GLOBAL_SCOPE OFTPSendFile.outbound.PPC_TEST_
ORG.898301_0000
(15:58:27.923) Queue send data in PerimeterChannel and call
controlConduit.wantToSend
[2010-03-24 15:58:28.056] ERROR 000000000000
GLOBAL_SCOPE OFTPSendFile.outbound.PPC_TEST_ORG.898301_0000
(15:58:27.923)
ProtocolEngineTask, method run(): A TransitionException
in the transition UserMonitor_A13 occurred: Error occurred in data
store.000110090220 WORKFLOW.ENGINE.ERR_WEHelper_PermException11
User [None] does not have permission to execute
{BP name}com.sterlingcommerce.woodstock.security.PermissionException:
000110090220 WORKFLOW.ENGINE.ERR_WEHelper_PermException11 User
[None] does
not have permission to execute {BP Name}
at com.sterlingcommerce.woodstock.workflow.engine.WEHelper.
checkSecurity(WEHelper.java:703)
at com.sterlingcommerce.woodstock.workflow.engine.WEHelper.
checkSecurity(WEHelper.java:744)
at com.sterlingcommerce.woodstock.workflow.engine.WEHelper.
dispatch(WEHelper.java:1124)
at com.sterlingcommerce.woodstock.workflow.engine.WEHelper.
dispatch(WEHelper.java:1109)
at com.sterlingcommerce.woodstock.workflow.engine.
WorkflowEngineRMIIImpl.dispatch(WorkflowEngineRMIIImpl.java:987)
at com.sterlingcommerce.woodstock.workflow.Dispatcher.run(
Dispatcher.java:72)
at java.lang.Thread.run(Thread.java:595)
[2010-03-24 15:58:28.056]
DEBUG 000000000000 GLOBAL_SCOPE OFTPSendFile.outbound.PPC_
TEST_ORG.898301_0000
(15:58:27.923) Put send header and data into ByteBuffer. Total 4+1
Bytes added
[2010-03-24 15:58:28.056] ERROR
000000000000 GLOBAL_SCOPE OFTPSendFile.outbound.PPC_TEST_
ORG.898301_0000
(15:58:27.924) The method "postActionXERP" of
class "com.sterlingcommerce.woodstock.services.oftp.fsm.
usermon.persistence.BProcPersistenceHandler"
has thrown the exception "com.sterlingcommerce.woodstock.
services.oftp.fsm.TransitionException".
The reason is : Error occurred in data store..com.
sterlingcommerce.woodstock.workflow.InitialWorkflowContextException,
com.sterlingcommerce.woodstock.services.oftp.fsm.
TransitionException,
Error occurred in data store.000110090220
WORKFLOW.ENGINE.ERR_WEHelper_PermException11 User [None] does not
```

```
have permission to execute {BP Name}
com.sterlingcommerce.woodstock.security.PermissionException:
000110090220 WORKFLOW.ENGINE.ERR_WEHelper_PermException11 User
[None]
does not have permission to execute {BP Name} at
com.sterlingcommerce.woodstock.workflow.engine.WEHelper.
checkSecurity(WEHelper.java:703)
at com.sterlingcommerce.woodstock.workflow.engine.WEHelper.
checkSecurity(WEHelper.java:744)
at com.sterlingcommerce.woodstock.workflow.engine.WEHelper.
dispatch(WEHelper.java:1124)
at com.sterlingcommerce.woodstock.workflow.engine.WEHelper.
dispatch(WEHelper.java:1109)
at com.sterlingcommerce.woodstock.workflow.engine.
WorkflowEngineRMImpl.dispatch(WorkflowEngineRMImpl.java:987)
at com.sterlingcommerce.woodstock.workflow.Dispatcher.
run(Dispatcher.java:72)
at java.lang.Thread.run(Thread.java:595)
at com.sterlingcommerce.woodstock.services.ftp.fsm.
usermon.persistence.BProcPersistenceHandler.postActionX
```

Resolution:

Changed the LPC/PPC to choose BPname and User from the same location - either from Contract or OdetteFTP adapter.

Apply Sterling B2B Integrator, Release 5.0 Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Service and Adapter

Escalation ID: 159182

Fix ID: 243642, 225703

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10798

Title: Cannot connect to myFileGateway using Single Sign on Configuration

Description:

Using Sterling B2B Integrator 5.0 and Sterling File Gateway 2.0. Also using Sterling External Authentication server with Single Sign on. The browser being used is Internet Explorer 8. This happens when the request has a very large cookie (>4096 bytes).

Error Message:

No errors are found in the application. The browser times out.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

See related article NFX10295.

This fix adds a new property to http.properties - conduit_header_buffer_size=4096.

If a larger buffer size is needed use customer_overrides to change http.properties. For example, in customer_overrides specify: http.conduit_header_buffer_size=8192

Functional Area: Service and Adapter

Escalation ID: 194441

Fix ID: 243681, 227949

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10277

Title: When data is loaded to Process Data that contains invalid XML characters, all of Process Data is deleted.

Description:

When data is loaded to Process Data from a business process that contains invalid XML characters, all of Process Data is deleted.

Service Name: Translation

```
<?xml version="1.0"
```

```
encoding="UTF-8"?>
```

```
<ProcessData/>
```

Error Message:

```
Errors in wf log:- [2008-10-15 15:07:44.539] ERROR
000110010823 WORKFLOW.WORKFLOW.ERR_WFCUtil_toXMLString Exception
in WFCUtil.toXMLString java.io.IOException:
The character '?' is an invalid XML character
Errors in noapp log:- [2008-10-15
15:04:42.597] ALL 000000000000 GLOBAL_SCOPE [Fatal Error] :276:20:
XML document structures must start and end within the same entity.
```

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Service and Adapter

Escalation ID: 40568

Fix ID: 243555, 214634, 185407,

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX10295

Title: java.io.IOException: FULL head error received when the HTTP request has large header size

Description:

Using Sterling B2B Integrator 5.0 and build 5003. When connecting to an Sterling B2B Integrator HTTP Server URI the Business Process is not invoked. The HTTP request header size is greater than 4096 bytes.

Error Message:

HTTP Server Log Reports two exceptions.

```
[2010-11-16 13:25:16.011]
ERROR 000000000000 GLOBAL_SCOPE [1289935516011] java.io.IOException:
FULL head [2010-11-16 13:25:16.011]ERRORDTL
000000000000 GLOBAL_SCOPE [1289935516011]java.lang.RuntimeException:
java.io.IOException: FULL head
at com.sterlingcommerce.woodstock.services.pshttp.jetty.
ConduitStreamListener.
    handleNewConnection(ConduitStreamListener.java:228)
at com.sterlingcommerce.woodstock.services.pshttp.jetty.
ConduitStreamListener.
    access$200(ConduitStreamListener.java:73)
at com.sterlingcommerce.woodstock.services.pshttp.jetty.
ConduitStreamListener$1.
    run(ConduitStreamListener.java:282)
at org.mortbay.thread.BoundedThreadPool$PoolThread.run(
BoundedThreadPool.java:450)
Caused by: java.io.IOException: FULL head
at org.mortbay.jetty.HttpParser.parseNext(HttpParser.java:276)
at org.mortbay.jetty.HttpParser.parseAvailable(HttpParser.java:205)
at org.mortbay.jetty.HttpConnection.handle(HttpConnection.java:380)
at com.sterlingcommerce.woodstock.services.pshttp.jetty.
FlushingHttpConnection.
    handle(FlushingHttpConnection.java:128)
at com.sterlingcommerce.woodstock.services.pshttp.jetty.
ConduitStreamListener.
    handleNewConnection(ConduitStreamListener.java:220)
...
3 more
[2010-11-16 13:25:16.012] ERROR 000000000000
GLOBAL_SCOPE ConduitStreamListener.canAccept() - Failed.
java.lang.RuntimeException:
java.io.IOException: FULL head
at com.sterlingcommerce.woodstock.services.pshttp.jetty.
ConduitStreamListener.
    handleNewConnection(ConduitStreamListener.java:228)
at com.sterlingcommerce.woodstock.services.pshttp.jetty.
ConduitStreamListener.
    access$200(ConduitStreamListener.java:73)
at com.sterlingcommerce.woodstock.services.pshttp.jetty.
ConduitStreamListener$1.
    run(ConduitStreamListener.java:282)
at org.mortbay.thread.BoundedThreadPool$PoolThread.run(
BoundedThreadPool.java:450)
Caused by: java.io.IOException: FULL head
at org.mortbay.jetty.HttpParser.parseNext(HttpParser.java:276)
at org.mortbay.jetty.HttpParser.parseAvailable(HttpParser.java:205)
at org.mortbay.jetty.HttpConnection.handle(HttpConnection.java:380)
at com.sterlingcommerce.woodstock.services.pshttp.jetty.
```

```
FlushingHttpConnection.  
  handle(FlushingHttpConnection.java:128)  
at com.sterlingcommerce.woodstock.services.pshttp.jetty.  
ConduitStreamListener.  
  handleNewConnection(ConduitStreamListener.java:220)  
...  
3 more
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

See related article NFX10798.

Functional Area: Service and Adapter

Escalation ID: 244409

Fix ID: 243681, 227949

Severity: Critical

Type: CoreChange

Build: 5008, 5102

InQuira ID: NFX9982

Title: JMS Queue Adapted receives all data in default OS encoding.

Description:

Messages received with UTF8 encoding from a JMS Queue are converted and stored by JMS Queue Adapter in Gentran Integration Suite machines OS default encoding (e.g. ISO8859-1) instead that of the

original message encoding. Original message encoding is not preserved.

Error Message:

N/A

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4325 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Service and Adapter

Escalation ID: 226034

Fix ID: 243833, 234370, 231810

Severity: Critical

Type: NormalFix

Build: 4325, 5008, 5102

Service and Adapter Framework

NFX11064

Title: startContainerWindowsService.cmd does not start the adapter containers.

Description: After setting up a container, when you issue the startContainerWindowsService.cmd, the script executes with an error.

This issue occurs on Windows cluster environment.

Error Message:

```
set service_name= Sterling
Commerce AC_node1AC1 at 29000"
C:\R3drp2mysql\install\logs\node1AC1\startContainer_node1AC.log
  1 file(s) moved.
"backing up log files
to C:\R3drp2mysql\install\logs\node1AC1\logs_Mon09_14_2009_6303202"
The Sterling Commerce AC_node1AC1 at 29000 service could not be started.
A system error has occurred. System error 1067 has occurred.
The process terminated unexpectedly.
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Service and Adapter Framework

Escalation ID: QC

Fix ID: 243527, 201613

Severity: Normal

Type: NormalFix

Build: 5008, 5102

SWIFT

Fix ID: 243926

Title: Prod Errors in FileAct activity

Description:

When sending 2 or more FileAct transfers in the same second to the same Security Contact (same BU) then the files get stuck and causes an Error.

The files in the SAG appear in the opposite orders as in the MEFG log, it seems the first file sent gets stuck.

Error Message:

```
FileAct error - Invalid Context identifier -
Received invalid context identifier from application :
++++ for pirimitive InitRequest.
-----
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE SwSec:DestroyContextResponse SYSTEM "SwPrimitive.dtd">
<SwSec:DestroyContextResponse>
  <SwGbl:Status>
    <SwGbl:StatusAttributes>
      <SwGbl:Severity>Transient</SwGbl:Severity>
      <SwGbl:Code>Sw.Gbl.InconsistParameterValueSet</SwGbl:Code>
      <SwGbl:Parameter>destroyContext</SwGbl:Parameter>
      <SwGbl:Text>Inconsistent Parameter Value Set</SwGbl:Text>
      <SwGbl:Action></SwGbl:Action>
      <SwGbl:Details>
        <SwGbl:Code>Sw.Sec.InvalidContext</SwGbl:Code>
        <SwGbl:Text>Attempted to perform an invalid security context operation.
        Either attempted to create a context with no ability to authorize, sign, or encrypt
        or tried to close a context that wasn't open., destroyContext</SwGbl:Text>
        <SwGbl:Action>Verify the DN in the request</SwGbl:Action>
      </SwGbl:Details>
    </SwGbl:StatusAttributes>
  </SwGbl:Status>
</SwSec:DestroyContextResponse>
-----
```

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: SWIFT

Escalation ID: 157588

Severity: Normal

Type: NormalFix

Build: 5007, 5102

InQuira ID: NFX8385

Title: FIN trailer (5 block) values missing from process data during SWIFT deenveloping

Description:

Prior to version 4322, when deenveloping SWIFT FIN data that contained a DLM trailer, or for which the trailers in the 5 block appeared in an unexpected order, some of the trailer information was not extracted into Process Data.

Error Message:

No error would be thrown in this scenario, but the expected trailer values would not be present in process data

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5007 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5102 or later.

After application of the patch the MEFG Server Component must be redeployed. Please consult the online product documentation for further details.

Functional Area: SWIFT - Interact Adapter

Escalation ID: 247753

Fix ID: 243972, 236957, 236956, 236954

Severity: Critical

Type: Normal Fix

Build: 4324, 5007, 5101, 5102

SWIFT - Translation

InQuira ID: NFX8527

Title: XML Encoder Service creates incorrect output for Swift message

Description: XML Encoder Service creates incorrect output for Swift message as illustrated in these examples:-

Example 1

Input:

```
:22F::CAEV//REDM
```

Output:

```
<_22F_CAEP>  
<Qualifier>CAEV</Qualifier>  
<DataSourceScheme>/REDM</DataSourceScheme>  
</_22F_CAEP>
```

This is incorrect because the REDM piece of data is the third field (Indicator) in the 22F record.

However, this data has been put into the second field (DataSourceScheme) and the / character has been treated as part of the data.

Example 2

Input:

```
:22F::CAEV/AAAA/REDM
```

Output:

```
<_22F_CAEP>  
<Qualifier>CAEV</Qualifier>  
<DataSourceScheme>AAAA/RED</DataSourceScheme>  
</_22F_CAEP>
```

In this example, the second item of data (AAAA and BBBB) is defined as mandatory data of 8 characters.

Error Message: No error messages.

Resolution: Apply Gentran Integration Suite, Release 4.3 Build 4323 or later. Apply Sterling B2B Integrator, Release 5.0 Build 5007 or later.

Functional Area: SWIFT - Translation

Escalation ID: 00153238

Fix ID: 243923, 235804, 223047, 223048

Severity: Normal

Type: NormalFix

Build: 4323, 5007, 5102

InQuira ID: NFX9553

Title: Output of SWIFT MT547 and MT548 maps is incorrect for Swift Standards 2008 and 2009.

Description: Each time the translator encounters a 19A, it always takes the first records qualifier. In the MT548 map, this is 19A_OCMT and in the MT547 map, this is 19A_ESTT.

The correct qualifier is not being added to the TAG in the output and meaning of these tags is very significant within each message.

So for example, input data

```
:19A::SETT//EUR120,
```

generates output data

```
<_19A_OCMT>  
<Qualifier>SETT</Qualifier>  
<Currency>EUR</Currency>  
<Amount>120.</Amount>  
</_19A_OCMT>
```

But it should actually be

```
<_19A_SETT>  
<Qualifier>SETT</Qualifier>  
<Currency>EUR</Currency>  
<Amount>120.</Amount>  
</_19A_OCMT>
```

Error Message: Incorrect output.

Resolution: Apply Gentran Integration Suite, Release 4.3 Build 4323 or later. Apply Sterling B2B Integrator, Release 5.0 Build 5007 or later.

Functional Area: SWIFT - Translation

Escalation ID: 182420

Fix ID: 243922, 235802, 223045, 223044

Severity: Normal

Type: NormalFix

Build: 4323, 5007, 5102

InQuira ID: NFX9554

Title: Issue in Swift MT564 map/XML Encoder object, 2008 & 2009 Standards release.

Description: If the second field (DataSourceScheme) does not match the mandatory amount of characters (8) it produces incorrect output:

input

```
:22F::CAEV/AAAA/REDM  
:22F::CAMV/BBBB/MAND
```

output

```
< _22F_CAEP>  
<Qualifier>CAEV</Qualifier>  
</_22F_CAEP>  
< _22F_CAEP>  
<Qualifier>CAMV</Qualifier>  
</_22F_CAEP>
```

Correct input and output should be:

input

```
:22F::CAEV/AAAAAAAA/REDM  
:22F::CAMV/BBBBBBBB/MAND
```

output

```
< _22F_CAEP>  
<Qualifier>CAEV</Qualifier>  
<DataSourceScheme>AAAAAAAA</DataSourceScheme>  
<Indicator>REDM</Indicator>  
</_22F_CAEP>  
< _22F_CAEP>  
<Qualifier>CAMV</Qualifier>  
<DataSourceScheme>BBBBBBBB</DataSourceScheme>  
<Indicator>MAND</Indicator> </_22F_CAEP>
```

Error Message: Incorrect output.

Resolution: Apply Gentran Integration Suite, Release 4.3 Build 4323 or later. Apply Sterling B2B Integrator, Release 5.0 Build 5007 or later.

Functional Area: SWIFT - Translation

Escalation ID: 185677

Fix ID: 243924, 235805, 223050, 223051

Severity: Normal

Type: NormalFix

Build: 4323, 5007, 5102

InQuira ID: NFX9567

Title: Translator skipping the syntax validation on this field. /B/ B should not be allowed here and we should throw T51 error

Description: SWIFT Translation.

Note: Party Fields validation.

In the fields where the first line is formatted ['/'<DC>]['/'34x] (e.g. 42A, 42D) the <DC> validation (T51) is performed when the 1st and 3rd characters are a Slash character ("/").

Error Message: No error. Validation not performed.

Resolution: Apply Gentran Integration Suite, Release 4.3 Build 4323 or later. Apply Sterling B2B Integrator, Release 5.0 Build 5007 or later.

Functional Area: SWIFT - Translation

Escalation ID: 00181374

Fix ID: 243921, 235801, 222078, 222074

Severity: Normal

Type: NormalFix

Build: 4323, 5007, 5102

Trading Partner Profiles

InQuira ID: NFX10986

Title: Password policy is ignored for a user configured for custom password change message

Description:

The password policy defined in Sterling B2B Integrator for Sterling File Gateway is ignored. The password change option is available to the user when the 'Required password change on next login attempt' option is selected under Accounts > Password Policy while defining a password policy for a partner. If the password policy is updated and the user logs in to myFileGateway after this update, and if the password does not adhere to the updated password policy, the prompt to change the password is not displayed on the login screen.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Trading Partner Profiles

Escalation ID: QC

Fix ID: 244099, 241688

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9395

Title: Trading partner identity zip or postal code field may only accept alphanumeric characters

Description:

The 'Zip or Postal Code' field in the Identity (Trading Partner > Setup > Advanced > Identities) may only accept alphanumeric characters after applying Build 5004. Prior to Build 5004, the field would allow a dash ('-') character, for example, for a Zip+4 code. After applying Build 5004, it may now report a validation error and will not allow the customer to continue to the next screen.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Trading Partner Profiles

Escalation ID: 197896

Fix ID: 243638, 225672

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9644

Title: Gentran Integration Suite Sterling File Gateway - Error when trying to set CA certificate in a listening partner configuration.

Description:

Error when trying to assign the CA certs to the partner profile in Sterling File Gateway.

Error Message:

```
ERROR [DMITradingPartnerForm]
Caught SQLException while saving ca certs for the transport id =
1
ERROR 000000000000 GLOBAL_SCOPE null SQL
Error Code: 515SQL State: 23000 com.microsoft.sqlserver.jdbc.SQLServerException:
Cannot insert the value NULL into column 'CREATEUSERID', table 'woodstock.dbo.SCI_TRANSP_CA_CERT';
column does not allow nulls. INSERT fails.
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Trading Partner Profiles

Escalation ID: 207470

Fix ID: 243679, 227866

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10900

Title: Error when trying to add a cert to a Odette Physical Partner profile

Description:

When trying to add a CA Certificate with SSL enabled, to OFTP Physical Partner Profile, following error is observed.

Observation: Issue does not occur when using a self signed certificate or when SSL is not enabled

Error Message:

```
ERROR 000000000000
GLOBAL_SCOPE OdetteFtpPPEditor (15:50:53.959) An Exception
occured in java.lang.Class.insertCertificate. The reason is : ORA-12899: value
too large for column "GIS"."OFTP_CERTIFICATE"."CERT_SUBJECT"
(actual: 284, maximum: 255).
[2010-06-08 15:50:53.959] ERROR 000000000000 GLOBAL_SCOPE OdetteFtpPPEditor
(15:50:53.959) com.sterlingcommerce.woodstock.services.oftp.partner.db.PPPProfile.closeConnection:
Performing Rollback of SQL transaction.
[2010-06-08 15:50:53.968] ERROR 000000000000 GLOBAL_SCOPE
OdetteFtpPPEditor (15:50:53.967) Exception in OdetteFtpPPEditor
: Error while performing SQL call.
[2010-06-08 15:50:53.968] ERROR 000000000000 GLOBAL_SCOPE OdetteFtpPPEditor
(15:50:53.968) An Exception occured in com.sterlingcommerce.woodstock.ui.OdetteFtpPPEditor.save.
The reason is : Error while performing SQL call..
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Trading Partner Profiles

Escalation ID: 187214

Fix ID: 243618, 224127

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX8058

Title: When adding an ssh password, it says some characters are invalid, running at 4316_BR4964959_SR1372153_1372152

Description:

When adding an ssh password, it says some characters are invalid, running at 4316_BR4964959_SR1372153_1372152. Client encountering SSH password issue in 4316, the SSH Remote Profile page issues a Msg Box pop-up for an invalid password format error when special/invalid characters are entered. Error is:

```
=====
SSH password
is invalid. Please try again. The following
characters are not valid ( ) + ? , <
> { } [ ] | ; " '
=====
```

The issue was documented as fixed in Build 4205 under Legacy TD#29776 and TD#35682 in Vantive SR1365179, InQuira articles NFX4877 & PRI41125. We also found a similar legacy defect 29776, its detail is attached to the case and the QC. I have tested with Gentran Integration Suite Build 4221 and 4321 and SI5003, and the results are the same as reported here, so no fix appears to be present. Gentran Integration Suite L3 should be able to verify if the legacy fixes are in our current code or not. I agree with the customer that we should not validate the SSH profile password which is sent to the remote site especially since we have no control over the password policy for the remote site.

The remote site could very well use special characters such as () + ? , < > { } [

] | ; " ' ; within their password. In this case, our Gentran Integration Suite customer needs to specify a SSH profile remote password which contains a) and Gentran Integration Suite posts an error specifying this character is invalid.

Error Message:

SSH password is invalid. Please try again.

The following characters are not valid

```
( ) + ? , < > { } [ ] | ; " '
```

Resolution:

To resolve issue, we have removed the character validator generation for the password field, since we don't want to exclude special characters there.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Trading Partner Profiles

Escalation ID: 122200

Fix ID: 243547, 208166, 207815

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX8514

Title: Incorrect value displayed on the Mailbox selection screen under Transports

Description:

After applying Build 4322, the screen is now displaying '/' instead of the '/' character in the Trading Partners > Advanced > Transport - Available Mailboxes screen.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Trading Partner Profiles

Escalation ID: 152394

Fix ID: 243561, 216463, 215928

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

Translator

InQuira ID: NFX10444

Title: Can the translator process data through a positional map if the last segment does not contain a CRLF?

Description:

The default behavior of the translator when executing a positional map does not process the last segment in the input file if it does not contain a segment terminator.

Resolution:

A behavior change has been made that will allow the translator to read the last segment in the input file only if all 3 of the following are true:

The input side of the map is Positional

The default segment terminator CR/LF is used as the segment terminator

The data is being read via the ReadBlock extended rule.

Note: Normal positional input processing still requires the segment terminator for the last segment in the input file.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5102 or later.

Functional Area: Translator

Escalation ID: 241514, 4980289

Fix ID: 243936, 236668, 235998, 235749

Severity: Normal

Type: NewFunctionality

Build: 4324, 5008, 5102

User Interface

Fix ID: 237781

Title: Central Search Page not working in HTTPS mode

Description: The Central Search Page worked fine when the server was on HTTP. But the page gives an error when the page is accessed in HTTPS mode.

Error Message:

```
[2010-11-26 14:09:31.491]
ERROR: [XLinkURLResolver] XLinkURLResolver caught
Exception[2010-11-26 14:09:31.524]
ERROR [ErrorListenerHandler]
Could not resolve resource at uri:
  /ws/xrb/CentralSearch.xrbjava.lang.Exception:
  Could not resolve resource at uri: /ws/xrb/CentralSearch.xrb
at com.sterlingcommerce.woodstock.webx.xforms.util.
sax.ErrorListenerHandler.
  fatalError(ErrorListenerHandler.java:134)
at org.xml.sax.helpers.XMLFilterImpl.fatalError(Unknown Source)
at com.sterlingcommerce.woodstock.webx.xforms.filter.DOMFilter.
  startYourElement(DOMFilter.java:245)
at com.sterlingcommerce.woodstock.webx.xforms.filter.
```

```

InstanceFilter.startYourElement(InstanceFilter.java:114)
at com.sterlingcommerce.woodstock.webx.xforms.filter.
ObjectFilter.startElement(ObjectFilter.java:338)
at org.xml.sax.helpers.XMLFilterImpl.startElement(Unknown Source)
at com.sterlingcommerce.woodstock.webx.xforms.util.sax.DynamicXMLFilter.
startElement(DynamicXMLFilter.java:352)
at com.sterlingcommerce.woodstock.webx.xforms.filter.
XPathAttributeInterpolator.
startElement(XPathAttributeInterpolator.java:111)
at org.xml.sax.helpers.XMLFilterImpl.startElement(Unknown Source)
at com.sterlingcommerce.woodstock.webx.xforms.
util.sax.DynamicXMLFilter.
startElement(DynamicXMLFilter.java:352)
at com.sterlingcommerce.refactor.util.xml.
SAXNamespaceCorrectingFilter.
startElement(SAXNamespaceCorrectingFilter.java:93)
at org.apache.xerces.parsers.AbstractSAXParser.
startElement(Unknown Source)
at org.apache.xerces.parsers.AbstractXMLDocumentParser.
emptyElement(Unknown
Source)
at org.apache.xerces.impl.XMLNSDocumentScannerImpl.
scanStartElement(Unknown
Source)
at org.apache.xerces.impl.
XMLDocumentFragmentScannerImpl$FragmentContentDispatcher.
dispatch(Unknown Source)
at org.apache.xerces.impl.XMLDocumentFragmentScannerImpl.
scanDocument(Unknown
Source)
at org.apache.xerces.parsers.XML11Configuration.parse(Unknown Source)
at org.apache.xerces.parsers.XML11Configuration.parse(Unknown Source)
at org.apache.xerces.parsers.XMLParser.parse(Unknown Source)
at org.apache.xerces.parsers.AbstractSAXParser.parse(Unknown Source)
at org.apache.xerces.jaxp.SAXParserImpl$JAXPSAXParser.parse(Unknown Source)
at org.xml.sax.helpers.XMLFilterImpl.parse(Unknown Source)~at
com.sterlingcommerce.woodstock.webx.xforms.util.sax.
DynamicXMLFilter.parse(DynamicXMLFilter.java:137)~at
com.sterlingcommerce.woodstock.webx.xforms.util.sax.
DynamicXMLFilter.parse(DynamicXMLFilter.java:137)~at
com.sterlingcommerce.woodstock.webx.xforms.util.sax.
DynamicXMLFilter.parse(DynamicXMLFilter.java:137)~at
com.sterlingcommerce.woodstock.webx.xforms.util.sax.
DynamicXMLFilter.parse(DynamicXMLFilter.java:137)~at
org.apache.xalan.transformer.TransformerIdentityImpl.
transform(TransformerIdentityImpl.java:484)~at
com.sterlingcommerce.woodstock.webx.xforms.XFormsProcessor.
render(XFormsProcessor.java:793)~at
com.sterlingcommerce.woodstock.cs.common.transformer.
XFormTransformer.transform(XFormTransformer.java:265)~at
com.sterlingcommerce.woodstock.cs.ui.jspbean.ProcessXFormBean.
getHTML(ProcessXFormBean.java:304)~at org.apache.jsp.jsp.
displayxform_jsp._jspService(org.apache.jsp.jsp.displayxform_jsp:81)~at
org.apache.jasper.runtime.HttpJspBase.service(HttpJspBase.java:97)~at
javax.servlet.http.HttpServlet.service(HttpServlet.java:803)~at
org.apache.jasper.servlet.JspServletWrapper.service(
JspServletWrapper.java:332)~at
org.apache.jasper.servlet.JspServlet.serviceJspFile(
JspServlet.java:314)~at
org.apache.jasper.servlet.JspServlet.service(
JspServlet.java:264)~at
javax.servlet.http.HttpServlet.service(
HttpServlet.java:803)~at
org.mortbay.jetty.servlet.ServletHolder.handle(
ServletHolder.java:487)~at
org.mortbay.jetty.servlet.ServletHandler.handle(
ServletHandler.java:362)~at
org.mortbay.jetty.security.SecurityHandler.handle(
SecurityHandler.java:216)~at
org.mortbay.jetty.servlet.SessionHandler.handle(
SessionHandler.java:181)~at
org.mortbay.jetty.handler.ContextHandler.handle(
ContextHandler.java:726)~at
org.mortbay.jetty.webapp.WebAppContext.handle(
WebAppContext.java:405)~at
org.mortbay.jetty.servlet.Dispatcher.forward(
Dispatcher.java:285)~at
org.mortbay.jetty.servlet.Dispatcher.forward(Dispatcher.java:126)~at
com.sterlingcommerce.woodstock.ui.servlet.
ServletBase.gotoPage(ServletBase.java:308)~at

```

```

com.sterlingcommerce.woodstock.cs.ui.servlet.
CentralSearch.doGet(CentralSearch.java:165)~at
javax.servlet.http.HttpServlet.service(
HttpServlet.java:690)~at
javax.servlet.http.HttpServlet.service(
HttpServlet.java:803)~at
org.mortbay.jetty.servlet.ServletHolder.handle(
ServletHolder.java:487)~at
org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(
ServletHandler.java:1093)~at
com.sterlingcommerce.woodstock.ui.dlsso.DLSSOFilter.doFilter(
DLSSOFilter.java:220)~at
org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(
ServletHandler.java:1084)~at
com.sterlingcommerce.security.dv.web.SCUIRequestValidatorFilter.
doFilter(SCUIRequestValidatorFilter.java:46)~
at org.mortbay.jetty.servlet.ServletHandler$CachedChain.
doFilter(ServletHandler.java:1084)~at
com.sterlingcommerce.security.dv.web.SCUISafeRequestFilter.
doFilter(SCUISafeRequestFilter.java:41)~at
org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(
ServletHandler.java:1084)~at
com.sterlingcommerce.woodstock.noapp.HttpsRedirectFilter.doFilter(
HttpsRedirectFilter.java:141)~at
org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(
ServletHandler.java:1084)~at
org.mortbay.jetty.servlet.ServletHandler.handle(
ServletHandler.java:360)~at
org.mortbay.jetty.security.SecurityHandler.handle(
SecurityHandler.java:216)~at
org.mortbay.jetty.servlet.SessionHandler.handle(SessionHandler.java:181)~
at
org.mortbay.jetty.handler.ContextHandler.handle(ContextHandler.java:726)~
at
org.mortbay.jetty.webapp.WebAppContext.handle(WebAppContext.java:405)~
at
org.mortbay.jetty.handler.ContextHandlerCollection.handle(
ContextHandlerCollection.java:206)~at
org.mortbay.jetty.handler.HandlerCollection.handle(
HandlerCollection.java:114)~at
org.mortbay.jetty.handler.HandlerWrapper.handle(
HandlerWrapper.java:152)~at
org.mortbay.jetty.Server.handle(Server.java:324)~
at
org.mortbay.jetty.HttpConnection.handleRequest(
HttpConnection.java:505)~at
org.mortbay.jetty.HttpConnection$RequestHandler.
headerComplete(HttpConnection.java:828)~at
org.mortbay.jetty.HttpParser.parseNext(HttpParser.java:514)~at
org.mortbay.jetty.HttpParser.parseAvailable(HttpParser.java:211)~at
org.mortbay.jetty.HttpConnection.handle(HttpConnection.java:380)~at
org.mortbay.jetty.bio.SocketConnector$Connection.run(
SocketConnector.java:228)~at
org.mortbay.jetty.security.SslSocketConnector$SslConnection.
run(SslSocketConnector.java:620)~at
org.mortbay.thread.BoundedThreadPool$PoolThread.run(
BoundedThreadPool.java:450)
[2010-11-26 14:09:31.542]
ERROR 000000000000 GLOBAL_SCOPE [XFormTransformer].
transform:
get an Exception
[2010-11-26 14:09:31.542]
ERROR 000000000000 GLOBAL_SCOPE [1290740971542]
XForms Processing
stopped due to fatal error.
[2010-11-26 14:09:31.545]
ERRORDTL 000000000000 GLOBAL_SCOPE [1290740971542]
com.sterlingcommerce.woodstock.webx.xforms.plug.
XLinkResolveException:
Could not resolve resource at uri: /ws/xrb/CentralSearch.xrb~at
com.sterlingcommerce.woodstock.webx.xforms.util.sax.
ErrorListenerHandler.
fatalError(ErrorListenerHandler.java:147)~at
org.xml.sax.helpers.XMLFilterImpl.fatalError(Unknown Source)
~at com.sterlingcommerce.woodstock.webx.xforms.filter.
DOMFilter.startYourElement(DOMFilter.java:245)~at
com.sterlingcommerce.woodstock.webx.xforms.filter.
InstanceFilter.startYourElement(InstanceFilter.java:114)~at
com.sterlingcommerce.woodstock.webx.xforms.filter.
ObjectFilter.startElement(ObjectFilter.java:338)~at

```

```

org.xml.sax.helpers.XMLFilterImpl.startElement(Unknown Source)~at
com.sterlingcommerce.woodstock.webx.xforms.util.sax.
DynamicXMLFilter.startElement(DynamicXMLFilter.java:352)~at
com.sterlingcommerce.woodstock.webx.xforms.filter.
XPathAttributeInterpolator.startElement(
XPathAttributeInterpolator.java:111)~at
org.xml.sax.helpers.XMLFilterImpl.startElement(Unknown Source)~at
com.sterlingcommerce.woodstock.webx.xforms.util.
sax.DynamicXMLFilter.startElement(DynamicXMLFilter.java:352)~at
com.sterlingcommerce.refactor.util.xml.
SAXNamespaceCorrectingFilter.startElement(SAXNamespaceCorrectingFilter.java:93)~at
org.apache.xerces.parsers.AbstractSAXParser.
startElement(Unknown Source)~at
org.apache.xerces.parsers.AbstractXMLDocumentParser.
emptyElement(Unknown
Source)~at org.apache.xerces.impl.XMLNSDocumentScannerImpl.
scanStartElement(Unknown
Source)~at org.apache.xerces.impl.
XMLDocumentFragmentScannerImpl$FragmentContentDispatcher.dispatch(Unknown
Source)~at org.apache.xerces.impl.
XMLDocumentFragmentScannerImpl.scanDocument(Unknown
Source)~at org.apache.xerces.parsers.
XML11Configuration.parse(Unknown Source)~at
org.apache.xerces.parsers.XML11Configuration.parse(Unknown Source)~at
org.apache.xerces.parsers.XMLParser.parse(Unknown Source)~at
org.apache.xerces.parsers.AbstractSAXParser.parse(Unknown Source)~at
org.apache.xerces.jaxp.SAXParserImpl$JAXPSAXParser.parse
(Unknown Source)~at
org.xml.sax.helpers.XMLFilterImpl.parse(Unknown Source)~at
com.sterlingcommerce.woodstock.webx.xforms.util.sax.
DynamicXMLFilter.parse(DynamicXMLFilter.java:137)~at
com.sterlingcommerce.woodstock.webx.xforms.util.sax.
DynamicXMLFilter.parse(DynamicXMLFilter.java:137)~at
com.sterlingcommerce.woodstock.webx.xforms.util.sax.
DynamicXMLFilter.parse(DynamicXMLFilter.java:137)~at
com.sterlingcommerce.woodstock.webx.xforms.util.sax.
DynamicXMLFilter.parse(DynamicXMLFilter.java:137)~at
org.apache.xalan.transformer.TransformerIdentityImpl.
transform(TransformerIdentityImpl.java:484)~at
com.sterlingcommerce.woodstock.webx.xforms.XFormsProcessor.
render(XFormsProcessor.java:793)~at
com.sterlingcommerce.woodstock.cs.common.transformer.
XFormTransformer.transform(XFormTransformer.java:265)~at
com.sterlingcommerce.woodstock.cs.ui.jspbean.ProcessXFormBean.
getHTML(ProcessXFormBean.java:304)~at org.apache.jsp.jsp.
displayxform_jsp._jspService(org.apache.jsp.jsp.displayxform_jsp:81)~at
org.apache.jasper.runtime.HttpJspBase.service(HttpJspBase.java:97)~at
javax.servlet.http.HttpServlet.service(HttpServlet.java:803)~at
org.apache.jasper.servlet.JspServletWrapper.service(
JspServletWrapper.java:332)~at
org.apache.jasper.servlet.JspServlet.serviceJspFile(
JspServlet.java:314)~at
org.apache.jasper.servlet.JspServlet.service(
JspServlet.java:264)~at
javax.servlet.http.HttpServlet.service(
HttpServlet.java:803)~at
org.mortbay.jetty.servlet.ServletHolder.handle(
ServletHolder.java:487)~at
org.mortbay.jetty.servlet.ServletHandler.handle(
ServletHandler.java:362)~at
org.mortbay.jetty.security.SecurityHandler.handle(
SecurityHandler.java:216)~at
org.mortbay.jetty.servlet.SessionHandler.handle(
SessionHandler.java:181)~at
org.mortbay.jetty.handler.ContextHandler.handle(
ContextHandler.java:726)~at
org.mortbay.jetty.webapp.WebAppContext.handle(
WebAppContext.java:405)~at
org.mortbay.jetty.servlet.Dispatcher.forward(
Dispatcher.java:285)~at
org.mortbay.jetty.servlet.Dispatcher.forward(
Dispatcher.java:126)~at
com.sterlingcommerce.woodstock.ui.servlet.ServletBase.
gotoPage(ServletBase.java:308)~at
com.sterlingcommerce.woodstock.cs.ui.servlet.CentralSearch.
doGet(CentralSearch.java:165)~at
javax.servlet.http.HttpServlet.service(HttpServlet.java:690)~at
javax.servlet.http.HttpServlet.service(HttpServlet.java:803)~at
org.mortbay.jetty.servlet.ServletHolder.handle(
ServletHolder.java:487)~at

```

```
org.mortbay.jetty.servlet.ServletHandler$CachedChain.  
doFilter(ServletHandler.java:1093)~at  
com.sterlingcommerce.woodstock.ui.dlssso.DLSSOFilter.  
doFilter(DLSSOFilter.java:220)~at  
org.mortbay.jetty.servlet.ServletHandler$CachedChain.  
doFilter(ServletHandler.java:1084)~at  
com.sterlingcommerce.security.dv.web.SCUIRequestValidatorFilter.  
doFilter(SCUIRequestValidatorFilter.java:46)~at  
org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(  
ServletHandler.java:1084)~at  
com.sterlingcommerce.security.dv.web.SCUISafeRequestFilter.  
doFilter(SCUISafeRequestFilter.java:41)~at  
org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(  
ServletHandler.java:1084)~at  
com.sterlingcommerce.woodstock.noapp.HttpsRedirectFilter.  
doFilter(HttpsRedirectFilter.java:141)~at  
org.mortbay.jetty.servlet.ServletHandler$CachedChain.  
doFilter(ServletHandler.java:1084)~at  
org.mortbay.jetty.servlet.ServletHandler.handle(  
ServletHandler.java:360)~at  
org.mortbay.jetty.security.SecurityHandler.handle(  
SecurityHandler.java:216)~at  
org.mortbay.jetty.servlet.SessionHandler.handle(  
SessionHandler.java:181)~at  
org.mortbay.jetty.handler.ContextHandler.handle(  
ContextHandler.java:726)~at  
org.mortbay.jetty.webapp.WebAppContext.handle(  
WebAppContext.java:405)~at  
org.mortbay.jetty.handler.ContextHandlerCollection.  
handle(ContextHandlerCollection.java:206)~at  
org.mortbay.jetty.handler.HandlerCollection.handle(  
HandlerCollection.java:114)~at  
org.mortbay.jetty.handler.HandlerWrapper.handle(  
HandlerWrapper.java:152)~at  
org.mortbay.jetty.Server.handle(Server.java:324)~at  
org.mortbay.jetty.HttpConnection.handleRequest(  
HttpConnection.java:505)~at  
org.mortbay.jetty.HttpConnection$RequestHandler.  
headerComplete(HttpConnection.java:828)~at  
org.mortbay.jetty.HttpParser.parseNext(HttpParser.java:514)~at  
org.mortbay.jetty.HttpParser.parseAvailable(HttpParser.java:211)~at  
org.mortbay.jetty.HttpConnection.handle(HttpConnection.java:380)~at  
org.mortbay.jetty.bio.SocketConnector$Connection.run(  
SocketConnector.java:228)~at  
org.mortbay.jetty.security.SslSocketConnector$SslConnection.run(  
SslSocketConnector.java:620)~at  
org.mortbay.thread.BoundedThreadPool$PoolThread.run(  
BoundedThreadPool.java:450)
```

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 243982

Severity: Normal

Type: NormalFix

Build: 5102

Fix ID: 243689, 228397

Title: Error retrieving Portal Page: Profile not found after editing a user account

Description:

At some point in the past, all users were working with no errors. However, the team tried to add a group to a user account. When that user came in on Monday, they found that they could no longer log into the Dashboard UI (getting a Profile Not Found error). In addition, the only link that was now available in the /ws was the 'My Account'.

All users that have been modified are now showing this behavior, unless one of two things are changed:

1. If the super-user is added to the user, then both the Dashboard and /ws work as expected
2. If the MAPS and ENVELOPES groups are added to the user (even though they are part of another group already added), then the user can access all expected areas of the /ws, but the Dashboard still fails with the 'Profile Not Found' error

Deleting and recreating the user has no effect. Nothing that we have tried has allowed the Dashboard profile to be recreated.

This is affecting all of the systems (Dev, Test and Prod), but ONLY for users added or edited recently. Another case was reported to EMEA support at the beginning of July, though the investigation stalled after a short while because the customer contact in EMEA went on vacation.

Error Message:

Profile
Not Found error

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 209134

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Fix ID: 240787

Title: Branding for Sterling File Gateway Components

Description: Unable to rebrand Sterling File Gateway following article HTG2985. Specifically, the fgWindowTitle and myfgWindowTitle do not change after modifications were made to both.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 270190

Severity: Normal

Type: NormalFix

Build: 5102

Fix ID: 240784

Title: Using SSH Remote Profiles. When a password of 56 characters is entered the password is not saved.

Description: Passwords over 55 characters cannot be used.

Error Message: N/A

Resolution:

The password column on the table can hold 255 characters in an encrypted form, however, with the encryption settings we are using the maximum length for password field in the UI should not exceed 55. Will fix the UI screen to allow 55 characters at the most.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 275654

Severity: Normal

Type: NormalFix

Build: 5102

InQuira ID: NFX10984

Title: Unable to "Upload Partner" due to the error message "CMO10_0096: Invalid EmailID"

Description:

Unable to "Upload Partner" due to the error message "CMO10_0096: Invalid EmailID". Sterling Community Manager does not allow email addresses that start with a numeric character.

Error Message:

"CMO10_0096: Invalid EmailID"

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 203138

Fix ID: 243703, 229228

Severity: Normal

Type: NormalFix

Build: 5008, 5102

NFX10475

Title: Cache Usage list loads slowly due to large numbers of empty caches being displayed

Description:

The Cache Usage UI displays the listing of all caches including empty ones. When there are a large number of empty caches, this page loads very slowly.

Operations > System > Troubleshooter > Cache Usage

Resolution

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

This patch includes a new property, `suppressEmptyCacheEntries`, in the `ui.properties` file to prevent empty caches from being displayed in the Cache Usage UI. The default value for this parameter is "true".

Functional Area: User Interface

Escalation ID: 147137

Fix ID: 243598, 222605, 222392

Severity: Normal

Type: NewFunctionality

Build: 4324, 5008, 5102

InQuira ID: NFX10411

Title: myFileGateway initial logon screen generates 404 and 302 messages in the background

Description:

During page load of myFileGateway, many HTTP 404 - Page not found and HTTP 302 - Redirect messages can be observed in the background.

Error Message:

HTTP 404 - Page not found
HTTP 302 - Redirect

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 252514

Fix ID: 244073, 240810

Severity: Critical

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10374

Title: UI information for Sterling Certificate Wizard (Certificate Signing Request) has changed

Description: Under Trading Partner > Digital Certificate > System > Certificate Signing Request, the message in the UI to download the Sterling Certificate Wizard provided a specific location within Customer Center > Support Center. Due to the Support Center structure changing, it is no longer at the location provided:

" Login to Support Center and go to "Product Support -> Sterling -> Product Updates & Downloads -> Sterling Certificate Wizard to download the Certificate Wizard"

Resolution: The message in the UI has changed in Sterling B2B Integrator, Release 5.0 Build 5007 or later and Sterling B2B Integrator, Release 5.1 Build 5101 or later:

"See the Sterling B2B Integrator online documentation library for information on downloading and installing the Sterling Certificate Wizard."

The documentation will be updated with the current location for the Sterling Certificate Wizard download. Currently, it can be found in Customer Center > Support Center under Product Support > Sterling Certificate Wizard.

Functional Area: User Interface

Escalation ID: 235426, 235424

Fix ID: QC

Severity: Normal

Type: NormalFix

Build: 5007, 5101, 5102

InQuira ID: NFX9900

Title: Intermittent Null pointer issue on mailbox UI

Description:

Intermittent Null pointer issue on mailbox UI due to single sign on issue with other Sterling B2B Integrator UIs.

Error Message:

```
java.lang.NullPointerException at
java.lang.String.concat(String.java:485)
at org.apache.jsp.jsp.MBIList_jsp._jspService(
org.apache.jsp.jsp.MBIList_jsp:366)
at org.apache.jasper.runtime.HttpJspBase.service(HttpJspBase.java:70)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:803)
at org.apache.jasper.servlet.JspServletWrapper.service(
JspServletWrapper.java:332)
at org.apache.jasper.servlet.JspServlet.serviceJspFile(
JspServlet.java:314)
at org.apache.jasper.servlet.JspServlet.service(
JspServlet.java:264)at javax.servlet.http.HttpServlet.service(
HttpServlet.java:803)
at org.mortbay.jetty.servlet.ServletHolder.handle(
ServletHolder.java:487)
at org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(
ServletHandler.java:1093)
at com.sterlingcommerce.woodstock.ui.dlssso.DLSSOFilter.doFilter(
DLSSOFilter.java:198)
at org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(
ServletHandler.java:1084)
at com.sterlingcommerce.woodstock.ui.SecurityFilter.doFilter(
SecurityFilter.java:210)
at org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(
ServletHandler.java:1084)
at org.mortbay.jetty.servlet.ServletHandler.handle(
ServletHandler.java:360)
at org.mortbay.jetty.security.SecurityHandler.handle(
SecurityHandler.java:216)
at org.mortbay.jetty.servlet.SessionHandler.handle(
SessionHandler.java:181)
at org.mortbay.jetty.handler.ContextHandler.handle(
ContextHandler.java:726)
at org.mortbay.jetty.webapp.WebAppContext.handle(
WebAppContext.java:405)
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 219946

Fix ID: 230998

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10016

Title: myFilegateway does not work with IE8 without compatibility mode; java script errors are generated when loading the page and then halts.

Description:

Intel LTCT issue occurs when attempting to access the Advanced File Transfer tabs.

Error Message:

The browser shows a java script error and stops loading the page.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 228449

Fix ID: 243746, 243694, 232079

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10337

Title: When click Save on the Create a New Routing Channel a dialog box appears with an error

Description:

Using Sterling File Gateway 1.1 or Sterling File Gateway 2.0. When Click Save on Create a New Routing Channel a dialog box appears with the error:

Could not add a mailbox to the Sterling File Gateway routing rule. Cause: com.sterlingcommerce.woodstock.mailbox.repository.MailboxRepositoryException:

Mailboxname is null or zero-length

The ProducerMailboxPath and/or the ConsumerMailboxPath contain a trailing slash.

Error Message:

Dialog box appears with the error:

Could not add a mailbox to the Sterling File Gateway routing rule. Cause: com.sterlingcommerce.woodstock.mailbox.repository.MailboxRepositoryException:

Mailboxname is null or zero-length

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

The fix will automatically remove an ending slash from the ProducerMailboxPath and ConsumerMailboxPath.

The Routing Channel Template specifies:

Pattern for Producer Mailbox Path:

```
/${PRODUCERNAME}/
```

This should be specified as:

```
/${PRODUCERNAMEE}
```

No forward slash after the trailing}

Mailboxes are added to the Sterling File Gateway Routing Rule when Routing Channel Template is created. The trailing forward slash does not represent a valid mailbox name.

Functional Area: User Interface

Escalation ID: 248719

Fix ID: 243930, 235847

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10891

Title: Errors in the log files when the user cancels a Map checkout

Description:

When checking out a Map from the User Interface, if the user cancels the check out, a series of errors may be logged to the ui.log file. See below for an example of these errors. This error may not affect all Maps on the system. In addition, the error itself does not appear to interfere with the operation of the system or subsequent Map check out operations.

Error Message:

```

[2010-11-11 13:02:06.468]
ERRORDTL 000000000000
GLOBAL_SCOPE [1289498526468]org.mortbay.jetty.EofException at
org.mortbay.jetty.HttpGenerator.flush(
HttpGenerator.java:760)
at org.mortbay.jetty.HttpConnection.flushResponse(
HttpConnection.java:604) at
org.mortbay.jetty.HttpConnection$Output.close(
HttpConnection.java:896)
at com.sterlingcommerce.woodstock.adminui.
servlet.CheckInOutBase.CheckOut(CheckInOutBase.java:260)
at com.sterlingcommerce.woodstock.ui.servlet.
GetMap.doPost(GetMap.java:207)
at com.sterlingcommerce.woodstock.ui.servlet.
ServletBase.doGet(ServletBase.java:170)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:690)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:803)
at org.mortbay.jetty.servlet.ServletHolder.handle(
ServletHolder.java:487)
at org.mortbay.jetty.servlet.ServletHandler$CachedChain.
doFilter(ServletHandler.java:1093)
at com.sterlingcommerce.woodstock.ui.dlso.DLSSOFilter.
doFilter(DLSSOFilter.java:215)
at org.mortbay.jetty.servlet.ServletHandler$CachedChain.
doFilter(ServletHandler.java:1084)
at com.sterlingcommerce.util.Fix5CFilter.doFilter(
Fix5CFilter.java:74)
at org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(
ServletHandler.java:1084)
at org.mortbay.jetty.servlet.ServletHandler.
handle(ServletHandler.java:360)
at org.mortbay.jetty.security.SecurityHandler.
handle(SecurityHandler.java:216)
at org.mortbay.jetty.servlet.SessionHandler.
handle(SessionHandler.java:181)
at org.mortbay.jetty.handler.ContextHandler.
handle(ContextHandler.java:726)
at org.mortbay.jetty.webapp.WebAppContext.
handle(WebAppContext.java:405)
at org.mortbay.jetty.handler.ContextHandlerCollection.
handle(ContextHandlerCollection.java:206)
at org.mortbay.jetty.handler.HandlerCollection.handle(
HandlerCollection.java:114)
at org.mortbay.jetty.handler.HandlerWrapper.handle(
HandlerWrapper.java:152)
at org.mortbay.jetty.Server.handle(Server.java:324)
at org.mortbay.jetty.HttpConnection.handleRequest(
HttpConnection.java:505)
at org.mortbay.jetty.HttpConnection$RequestHandler.
headerComplete(HttpConnection.java:828)
at org.mortbay.jetty.HttpParser.parseNext(
HttpParser.java:514)
at org.mortbay.jetty.HttpParser.parseAvailable(
HttpParser.java:211)
at org.mortbay.jetty.HttpConnection.handle(
HttpConnection.java:380)
at org.mortbay.io.nio.SelectChannelEndPoint.run(
SelectChannelEndPoint.java:395)
at org.mortbay.thread.BoundedThreadPool$PoolThread.run(
BoundedThreadPool.java:450)
Caused by:
java.io.IOException: An existing connection
was forcibly closed by the remote host
at sun.nio.ch.SocketDispatcher.write0(Native Method)
at sun.nio.ch.SocketDispatcher.write(SocketDispatcher.java:33)
at sun.nio.ch.IOUtil.writeFromNativeBuffer(IOUtil.java:104)
at sun.nio.ch.IOUtil.write(IOUtil.java:60)
at sun.nio.ch.SocketChannelImpl.write(SocketChannelImpl.java:302)
at org.mortbay.io.nio.ChannelEndPoint.flush(ChannelEndPoint.java:166)
at org.mortbay.io.nio.SelectChannelEndPoint.flush(
SelectChannelEndPoint.java:207)
at org.mortbay.jetty.HttpGenerator.flush(HttpGenerator.java:693)
...
29 more

```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 170067

Fix ID: 243909, 235536

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10875

Title: ui.log error message - java.lang.ClassNotFoundException: UIGlobals

Description:

To reproduce, from UI click Trading Partner - Document Envelope - Envelopes Using any envelope in the system, click source manager, and then edit. Enter anything for the description and click Next. Check the ui.logs for similar error messages as below.

Error Message:

The following error is written to ui.log for each instance

```
ALL 000000000000 GLOBAL_SCOPE Wizard initopages - fillservicegroups
ERROR 000000000000 GLOBAL_SCOPE Error occured while
attempting to retrieve option class name from envelope definitions
for option: SenderIDList ERROR 000000000000
GLOBAL_SCOPE [1271707636270] UIGlobals ERROR
DTL 000000000000
GLOBAL_SCOPE [1271707636270]java.lang.ClassNotFoundException:
UIGlobals
at java.net.URLClassLoader$1.run(URLClassLoader.java:200)
at java.security.AccessController.doPrivileged(Native
Method)
at java.net.URLClassLoader.findClass(URLClassLoader.java:188)
at java.lang.ClassLoader.loadClass(ClassLoader.java:306)
at java.lang.ClassLoader.loadClass(ClassLoader.java:251)
at java.lang.ClassLoader.loadClassInternal(ClassLoader.java:319)
at java.lang.Class.forName0 (Native Method)
at java.lang.Class.forName(Class.java:168)
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 168503

Fix ID: 243575, 219745

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10060

Title: After successful login the ConsecFailedAttempts count is not getting reset

Description:

ConsecFailedAttempts in ui.properties is not working. ConsecFailedAttempts Maximum number of consecutive failed login attempts in a 30-minute period to the Gentran Integration Suite Administration UI, or an FTP server, before the account is locked.

This property is specific to the machine where you are logging in. The default value is

0 (no limit on the number of attempts).

Note: This property controls lock out behavior only for certain components/services. For more information, refer to the User Lock Out documentation.

Error Message:

N/A

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 231595

Fix ID: 243993, 237424

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9373

Title: "taglib sec :validSession" behaves differently between GIS43 and SI50 when used with baseport or with a http adapter

Description:

In SI50, when the web application is deployed on baseport (siroot/noapp/deploy) the taglib `<sec:validSession login="login.jsp?title=Your session has expired!" />` will redirect to login.jsp. In SI50, when the web application is deployed in a http

adapter (baseport +33) and a session is not valid the taglib `<sec:validSession login="login.jsp?title=Your session has expired!" />` will show the login.jsp and also the content of the .jsp.

In GIS43, the behavior is the same between baseport and baseport+33, the `<sec:validSession login="login.jsp?title=Your session has expired!" />` will redirect to login.jsp

Error Message:

no error message in logs

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 183930

Fix ID: 243647, 226074

Severity: Critical

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9826

Title: After applying patch 5005_BR00194441_BR1_HF1, unable download the files from myFileGateway UI.

Description:

Error when attempting a download in Sterling File Gateway: Unable to download DownloadMailboxMessage.do from xxxxxxx.com. Unable to open the Internet site. The requesting site is either unavailable or cannot be found. Please try again.

The steps to Reproduce are:

1. Create a Http Server Adapter with myFileGateway and thinclient.war deployed
2. Login to myFileGateway
3. Click on Download Files (Out of the Box - Download Files)
4. Select a Message to Download

This only happens on the original myFG Download tab - not the advanced upload tab (applet). The issue is IE specific (could not reproduce in Firefox). The issue could be reproduced in the absence of SSP. The issue could be reproduced only when using SSL. The issue occurs in pre-5006 and will be fixed in 5006.

Error Message:

Unable to download DownloadMailboxMessage.do from xxxxxxx.com

Unable to open the Internet site.

The requesting site is either unavailable or cannot be found. Please try again

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Workaround:

Go to: Tools->Internet Options->Advanced->

Enable "Do not save encrypted pages to disk"

Functional Area: User Interface

Escalation ID: 217694

Fix ID: 243717, 229890

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10200

Title: Subprocess screen shows NullPointerException if the session timed out.

Description: After logging into dash board/ws, if session timed out by the time user clicks the subprocess in Business Process execution steps, Gentran Integration Suite shows NullPointerException Error in the new screen.

If Return button used once on Business Process Details screen or if started from Home page again, it works fine.

Error Message: NullPointerException

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 145402

Fix ID: 243602, 222970, 217866

Severity: Normal

Type: Normal Fix

Build: 4324, 5008, 5102

InQuira ID: NFX10825

Title: Incorrect display of Parent BP when the name contains a forward slash character

Description:

When using the Business Process Monitor to review Parent and Child BPs, if the Parent BP has a forward slash character ('/') in the name, the screen may display '%2F' rather than the '/' in the name.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 171474

Fix ID: 243574, 219094

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10826

Title: Using '%' as wildcard may cause issues with Envelope search if 'Remember search-by values' is enabled

Description:

When the user has the 'Remember search-by values' enabled, and attempts to use the '%' as a wildcard character in the Envelope search, upon returning to the screen, the '%' character may be replaced by '%'. This value prevents the search from working until the value is replaced with a proper character. The invalid search values, including the '%' may be present every time the user comes back to this screen, because of the 'Remember search-by values' being enabled.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 168390

Fix ID: 243571, 218409

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10827

Title: Deleting the Hub Organization may cause patch application to fail

Description:

In Sterling B2B Integrator Release 5.0, an organization named 'Hub Organization' is created at install time. If this organization is deleted, it may cause subsequent patch applications to fail until it is restored. This organization should be modified so that it cannot be deleted by the user.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

If the Hub Organization has already been deleted, please contact Customer Support for assistance.

Functional Area: User Interface

Escalation ID: 195865

Fix ID: 243628, 224888

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10835

Title: Editing a Group, the Type field is required for Permissions filter

Description:

When editing Groups, the filter on the Permissions screen requires that the Type field be set as well as the name.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 150114

Fix ID: 243557, 214924

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10845

Title: Lock Manager does not display locks with a dash/hyphen '-' in the name correctly.

Description:

When I have a lock with a dash or hyphen in the name, the lock manager only displays the part of the name to the right of the - in the lock name. E.g. if the lock is named 'Lock-001', the lock manager will display the lock as simply '001'.

Error Message:

There is no error message.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 170051

Fix ID: 243573, 218820

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10820

Title: Central Search is not working, gives error of Null when utilizing SSL Baseport+1

Description:

Central Search and Correlation Search are showing Null and are not usable when utilizing SSL Baseport +1

Error Message:

Null

Resolution:

Apply Sterling B2B Integrator Version 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Also, ensure that the certificate has a common name or alternative subject name that matches the URL being used to access the Sterling B2B Integrator instance. You can view the certificate from within the browser that is accessing Sterling B2B Integrator.

Functional Area: User Interface

Escalation ID: 247947

Fix ID: 243973, 236960

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10152

Title: Filter for exporting certificates fails when using an underscore.

Description:

When exporting certificates through Deployment > Resource Manager > Import/Export using an underscore in the filter does not work. If you put in underscore into the filter no certificates are selected. So if you have two certificates named Test_Certificate1 and Test_Certificate2 and put in Test_ as the filter, no certificates are selected. Using Test as the filter will return both certificates.

Error Message:

There is no error, but the filter doesn't return the correct certificates when using an underscore in the filter.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 123292

Fix ID: 243605, 223118, 215049

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX9264

Title: myFileGateway not displaying custom password extension policy validation message

Description:

If you have implemented a password extension policy and you try to change your password from within the myFileGateway UI to a password that fails validation, a generic message is displayed instead of the message specified by the password extension policy.

Error Message:

N/A

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 192114

Fix ID: 243991, 237416

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9175

Title: Search for workflows by workflow_id takes 100+ seconds when installed on MySQL database.

Description:

When doing a search by workflow id, the search takes anywhere from 1 minute 20 seconds to 2 minutes. This issue only shows up on instances installed on MySQL.

Error Message:

There is no error message.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 178834

Fix ID: 243636, 225550

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX6618

Title: Custom pane in the Dashboard lost when editing a user account

Description:

In the Dashboard User Interface in Gentran Integration Suite, a user may add a new, custom pane to the interface. If the user account is edited after adding this pane, the new pane may be lost.

Resolution:

Apply Gentran Integration Suite 4.3, Build 4320 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 038191

Fix ID: 243985, 237205, 184463

Severity: Normal

Type: NormalFix

Build: 4320,5008, 5102

InQuira ID: NFX9922

Title: When logging into myFileGateway, 404 errors are generated

Description:

When logging into myFileGateway, 404 errors are generated. The 404 errors may not be visible to the user without using a tracing utility.

Error Message:

HTTP 404 not found

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 223198

Fix ID: 243726, 230981

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9868

Title: Problems with the browse file text box for Upload a file using myFileGateway User Interface

Description:

Using Sterling B2B Integrator 5.0 build 5005 and Sterling File Gateway 2.0. Using the myFileGateway User Interface to Upload a file. The browse file text box is not wide enough using Firefox and not high enough using Internet Explorer.

Error Message:

There are no errors generated.

Resolution:

A height attribute was added to file upload control.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 218326

Fix ID: 243720, 230067

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9710

Title: SQL manager UI URL can be used to retrieve database information by unauthorized users.

Description:

A Gentran Integration Suite user account with low privileges and without SQL Manager UI permissions can retrieve database information by direct access to the SQL manager via a SQL query embedded in URL.

Error Message:

N/A

Resolution:

This security vulnerability has been fixed and UI access is allowed based on permission assigned to user.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 211145

Fix ID: 243737, 231502

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9900

Title: Intermittent Null pointer issue on mailbox UI

Description:

Intermittent Null pointer issue on mailbox UI due to single sign on issue with other Sterling B2B Integrator UIs.

Error Message:

```
java.lang.NullPointerException
at java.lang.String.concat(String.java:485)
at org.apache.jsp.jsp.MBIList_jsp._jspService(
org.apache.jsp.jsp.MBIList_jsp:366)
at org.apache.jasper.runtime.HttpJspBase.service(
HttpJspBase.java:70)
at javax.servlet.http.HttpServlet.service(
HttpServlet.java:803)
at org.apache.jasper.servlet.JspServletWrapper.service(
JspServletWrapper.java:332)
at org.apache.jasper.servlet.JspServlet.serviceJspFile(
JspServlet.java:314)
at org.apache.jasper.servlet.JspServlet.service(
JspServlet.java:264)
```

```
at javax.servlet.http.HttpServlet.service(HttpServlet.java:803)
at org.mortbay.jetty.servlet.ServletHolder.handle(
ServletHolder.java:487)
at org.mortbay.jetty.servlet.ServletHandler$CachedChain.
doFilter(ServletHandler.java:1093)
at com.sterlingcommerce.woodstock.ui.dlss.DLSSOFilter.
doFilter(DLSSOFilter.java:198)
at org.mortbay.jetty.servlet.ServletHandler$CachedChain.
doFilter(ServletHandler.java:1084)
at com.sterlingcommerce.woodstock.ui.SecurityFilter.
doFilter(SecurityFilter.java:210)
at org.mortbay.jetty.servlet.ServletHandler$CachedChain.
doFilter(ServletHandler.java:1084)
at org.mortbay.jetty.servlet.ServletHandler.handle(
ServletHandler.java:360)
at org.mortbay.jetty.security.SecurityHandler.handle(
SecurityHandler.java:216)
at org.mortbay.jetty.servlet.SessionHandler.handle(
SessionHandler.java:181)
at org.mortbay.jetty.handler.ContextHandler.handle(
ContextHandler.java:726)
at org.mortbay.jetty.webapp.WebAppContext.handle(
WebAppContext.java:405)
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: User Interface

Escalation ID: 219946

Fix ID: 243728, 230998

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Upgrade

InQuira ID: NFX10399

Title: After upgrading from Gentran Integration Suite 4.2 to Sterling B2B Integrator 5.x, some Services and Schedules cannot be edited

Description:

After an upgrade from Gentran Integration Suite, Release 4.2 to Sterling B2B Integrator, Release 5.x, the user may find that certain Schedules and Services cannot be edited. This issue will usually affect the System Schedules and Services like Purge, Backup Service, AssociateBPsToDocs, etc.

This issue may be noted in one of two ways:

- When attempting to edit a Schedule that is for a System Service (Purge, Backup, BPREcovery, etc.), when the user clicks on the Edit button, the UI will display the message "NullPointerException".
- When trying to search for a Service configuration, it cannot be found. For example, searching for 'Purge Service' will return no results. The Service may

appear in the gray drop down list, but choosing it and clicking Go! will simply return the user back to the same page with the message "No services satisfy your search criteria. Please try again"

Please note that in all reported cases, the affected Schedules and Services would continue to run without issue. They simply could not be edited, nor could new instances of the Services be created.

Error Message:

When attempting to edit the Schedule, the following error may be seen in the ui.log:

```
[2010-12-06
09:15:04.203] ERROR: 000000000000 GLOBAL_SCOPE [1291644904203] java.lang.NullPointerException at
com.sterlingcommerce.woodstock.adminui.servlet.GetSchedule.doPost(GetSchedule.java:130) at
com.sterlingcommerce.woodstock.ui.servlet.ServletBase.doGet(ServletBase.java:161) at
javax.servlet.http.HttpServlet.service(HttpServlet.java:690) at
javax.servlet.http.HttpServlet.service(HttpServlet.java:803) at
org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java:487) at
org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.java:1093)
at
com.sterlingcommerce.woodstock.ui.dlss.DLSSOFilter.doFilter(DLSSOFilter.java:194) at
org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.java:1084) at
com.sterlingcommerce.util.Fix5CFilter.doFilter(Fix5CFilter.java:74) at
org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.java:1084) at
org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:360) at
org.mortbay.jetty.security.SecurityHandler.handle(SecurityHandler.java:216) at
org.mortbay.jetty.servlet.SessionHandler.handle(SessionHandler.java:181) at
org.mortbay.jetty.handler.ContextHandler.handle(ContextHandler.java:726) at
org.mortbay.jetty.webapp.WebAppContext.handle(WebAppContext.java:405) at
org.mortbay.jetty.handler.ContextHandlerCollection.handle(ContextHandlerCollection.java:206) at
org.mortbay.jetty.handler.HandlerCollection.handle(HandlerCollection.java:114) at
org.mortbay.jetty.handler.HandlerWrapper.handle(HandlerWrapper.java:152) at
org.mortbay.jetty.Server.handle(Server.java:324) at
org.mortbay.jetty.HttpConnection.handleRequest(HttpConnection.java:505) at
org.mortbay.jetty.HttpConnection$RequestHandler.headerComplete(HttpConnection.java:828) at
org.mortbay.jetty.HttpParser.parseNext(HttpParser.java:514) at
org.mortbay.jetty.HttpParser.parseAvailable(HttpParser.java:211) at
org.mortbay.jetty.HttpConnection.handle(HttpConnection.java:380) at
org.mortbay.io.nio.SelectChannelEndPoint.run(SelectChannelEndPoint.java:395) at
org.mortbay.thread.BoundedThreadPool$PoolThread.run(BoundedThreadPool.java:450)
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later to resolve this issue.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

For systems that display this issue that were upgraded with a build prior to Build 5008, a workaround has been prepared to correct the issue as well. If the system cannot be updated to Build 5008, please open a case with Customer Support and reference this article.

Functional Area: Upgrade

Escalation ID: 235951

Fix ID: 243958, 236438

Severity: Critical

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10821

Title: Some of the system BPs are not upgraded properly during upgrade from GIS4.2 to SI5.0

Description:

Some of the system BPs are not upgraded properly during upgrade from GIS4.2 to SI5.0. Here is the list of schedules that throws error message during edit.

- ArchiveCmdlineService
- AutoTerminateService
- BPExpirator
- BPLinkagePurgeService
- BPRecovery
- ProducedMsgPurgeService
- PurgeService e
- Scheduled_AlertService
- SyncEngine_DataCleanManager
- SyncEngine_TaskManager

When editing any of the above schedules throws the following exception in UI.

Error Message:

Processing error has occurred. Please contact system administrator and check system logs for more details.java.lang.NullPointerException

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Upgrade

Escalation ID: 184080

Fix ID: 243643, 225704, 223692

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Users/Groups/Data Security

Fix ID: 243641, 225693

Title: Filegateway permission allocation problem

Description:

Messages are visible in myfilegateway but not visible when using FTP client to access the mailbox. Permissions are not allowing access to the mailbox containing the messages when using FTP client.

Error Message:

N/A

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later

Apply Sterling B2B Integrator, Release 5.0 Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: WebExtensions

Escalation ID: 163554

Severity: Normal

Type: NormalFix

Build: 5008, 5102

WebExtensions

InQuira ID: NFX7614

Title: Importing WSDL will not create the dynamic services

Description:

If a WSDL is checked in from UI, i.e. "Deployment"->"Web Services"->"WSDL Check In", the dynamic services will be created at the same time. However, if it's done by export/import, only the WSDL will be imported and no dynamic services will be created.

Error Message:

N/A

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later

Apply Sterling B2B Integrator, Release 5.0 Build 5008 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5102 or later.

Functional Area: WebExtensions

Escalation ID: 111027

Fix ID: 243580, 220416, 205407

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

WebServices

InQuira ID: NFX9951

Title: Get java ClassCastException with running WSDL

Description:

Customer received a 'service configuration error'. The status report shows: Mark: Start dynamic service invoke for 'DS_SEPRACOR_844_INBOUND_PORT1_OPE1_Instance'. The advanced error status in process data is:

com.ibm.wsdl.extensions.soap.SOAPHeaderImpl incompatible with
javax.wsdl.extensions.soap.SOAPBody

system log shows java.lang.ClassCastException:
com.ibm.wsdl.extensions.soap.SOAPHeaderImpl

Error Message:

```
System log post: [2010-09-02
16:22:37.686]
ERROR 000000000000 GLOBAL_SCOPE Exception in processData
: java.lang.ClassCastException:
com.ibm.wsdl.extensions.soap.SOAPHeaderImpl
at com.sterlingcommerce.woodstock.services.soa.
dynamicServiceHelper.
SOAPRequestProcessor.generateDocumentSOAPMessage(
SOAPRequestProcessor.java:1030)
at com.sterlingcommerce.woodstock.services.soa.
dynamicServiceHelper.SOARequestProcessor.processRequest(
SOAPRequestProcessor.java:309)at
com.sterlingcommerce.woodstock.services.soa.
dynamicService.WSDLConsumerService.
processData(WSDLConsumerService.java:101)
at com.sterlingcommerce.woodstock.workflow.
activity.engine.ActivityEngineHelper.
invokeService(ActivityEngineHelper.java:1739)
at com.sterlingcommerce.woodstock.workflow.
activity.engine.ActivityEngineHelper.
nextMainLogic(ActivityEngineHelper.java:596) at
com.sterlingcommerce.woodstock.workflow.activity.
engine.ActivityEngineHelper.
next(ActivityEngineHelper.java:350)
at com.sterlingcommerce.woodstock.workflow.queue.
WorkflowQueueListener.
doWork(WorkflowQueueListener.java:326) at
com.sterlingcommerce.woodstock.workflow.queue.
WorkflowQueueListener.
run(WorkflowQueueListener.java:202)at
com.sterlingcommerce.woodstock.workflow.queue.
WorkflowQueueListener.
onMessage(WorkflowQueueListener.java:163)
at com.sterlingcommerce.woodstock.workflow.queue.
WorkflowQueueListener.
onMessage(WorkflowQueueListener.java:150)
at com.sterlingcommerce.woodstock.workflow.queue.
wfTransporter.run(
wfTransporter.java:328)at
```

```
com.sterlingcommerce.woodstock.workflow.queue.  
BasicExecutor$Worker.  
run(BasicExecutor.java:496)at  
java.lang.Thread.run(Thread.java:595)
```

Resolution:

Workaround: The workaround required editing the WSDL so that the order of the header and body elements in the operations were reversed, as Sterling B2B Integrator code expects the body to be first and is automatically cast as a body element. This was causing the class cast exception.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: WebServices

Escalation ID: 219146

Fix ID: 243805, 233147

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10011

Title: SOA Request Handler fails when configured for Inline Attachment with inline attached data

Description:

SOA Request Handler fails when configured for Inline Attachment with inline attached data.

Error Message:

```
Error Message in wf.log: [2010-10-01  
17:59:34.668]  
ERROR 000110060004 WORKFLOW.ACTIVITY_ENGINE.ERR_  
ActivityEngineHelper_invokeService2  
ActivityEngineHelper.invokeService() caught  
exception while attempting  
to execute service SOARequestHandler_Instance  
[2010-10-01  
17:59:34.668] ERROR 000000000000 GLOBAL_SCOPE  
[1285936174668] null  
[2010-10-01 17:59:34.668] ERRORDTL 000000000000  
GLOBAL_SCOPE [1285936174668] java.lang.NullPointerExceptionat  
com.sterlingcommerce.woodstock.workflow.DocumentOutputStream.  
write(DocumentOutputStream.java:159)  
at com.sterlingcommerce.woodstock.services.soa.MessageHolder.  
characters(MessageHolder.java:109)  
at org.apache.xerces.parsers.AbstractSAXParser.  
characters(Unknown Source)  
at org.apache.xerces.impl.XMLDocumentFragmentScannerImpl.  
scanContent(Unknown Source)  
at org.apache.xerces.impl.XMLDocumentFragmentScannerImpl$
```

```
FragmentContentDispatcher.dispatch(Unknown Source)
at org.apache.xerces.impl.XMLDocumentFragmentScannerImpl.
scanDocument(Unknown Source)
at org.apache.xerces.parsers.XML11Configuration.
parse(Unknown Source)
at org.apache.xerces.parsers.XML11Configuration.
parse(Unknown Source)
at org.apache.xerces.parsers.XMLParser.
parse(Unknown Source)
at org.apache.xerces.parsers.AbstractSAXParser.
parse(Unknown Source)
at com.sterlingcommerce.woodstock.services.soa.
MessageHolder.parse(MessageHolder.java:125)
at com.sterlingcommerce.woodstock.services.soa.
SOARequestHandlerService.
processData(SOARequestHandlerService.java:225)
at com.sterlingcommerce.woodstock.workflow.activity.
engine.ActivityEngineHelper.
invokeService(ActivityEngineHelper.java:1743)
at com.sterlingcommerce.woodstock.workflow.activity.
engine.ActivityEngineHelper.
nextMainLogic(ActivityEngineHelper.java:600)
at com.sterlingcommerce.woodstock.workflow.activity.
engine.ActivityEngineHelper.
next(ActivityEngineHelper.java:353)
at com.sterlingcommerce.woodstock.workflow.queue.
WorkFlowQueueListener.doWork(
WorkFlowQueueListener.java:326)
at com.sterlingcommerce.woodstock.workflow.queue.
WorkFlowQueueListener.run(
WorkFlowQueueListener.java:202)
at com.sterlingcommerce.woodstock.workflow.queue.
WorkFlowQueueListener.onMessage(
WorkFlowQueueListener.java:163)
at com.sterlingcommerce.woodstock.workflow.queue.
WorkFlowQueueListener.onMessage(
WorkFlowQueueListener.java:150)
at com.sterlingcommerce.woodstock.workflow.queue.
wfTransporter.run(wfTransporter.
java:355)
at com.sterlingcommerce.woodstock.workflow.queue.
BasicExecutor$Worker.run(
BasicExecutor.java:496)
at java.lang.Thread.run(Thread.java:810)
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: WebServices

Escalation ID: 228747

Fix ID: 243743, 231882

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Workflow Engine

Fix ID: 232806

Title: Network outage - problem with Recover

Description:

Customer had over 850 that processed duplicate data because recover auto-resumed along with the original Business Process running.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Workflow Engine

Escalation ID: QC

Severity: Normal

Type: NormalFix

Build: 5102

InQuira ID: NFX10991

Title: Add a limit to prevent a Business Process from exceeding the number of steps

Description:

Business process runs into an infinite loop causing the database to run out of space.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Workflow Engine

Escalation ID: QC

Fix ID: 243518, 227776, 185045

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10846

Title: Queue creates rescheduling thread when rescheduling is set to false.

Description:

Queue creates rescheduling thread when rescheduling is set to false. The thread is created but not used.

Error Message:

There is no error message.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Workflow Engine

Escalation ID: 251463

Fix ID: 243981, 237112

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10126

Title: Recover.bpml is preventing other processes from running.

Description:

When recover.bpml runs it stops other business processes from running. Other processes goes into a "In queue" state.

Error Message:

No errors.

Resolution:

The issue was caused by full table scan on CONSUME_LISTENER table and the table was getting locked.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Workaround:

create index SCI_IDX_NEW on CONSUME_LISTENER (CONSUMER_WF_ID)

Functional Area: Workflow Engine

Escalation ID: 231648

Fix ID: 243814, 234027

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9389

Title: PGPPackage service adapters are executing on nodes where the service configuration is disabled.

Description:

Customer is using PGP Package Service. The Business Process is configured to use a specific CLA2 adapter using the cmdline2svcname. However, the Business Process does not appear to be using the specified CLA2. Business Process will complete successfully even though ALL Command Line 2 adapters are disabled.

The cmdline2svcname parameter is not working as documented. Customer is running Sterling Integrator in a six node cluster and needs to be able to specify CLA2 so that the PGP command is executed in the correct environment.

Error Message:

No errors. Unexpected results.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Workflow Engine

Escalation ID: 193906

Fix ID: 243644, 225742

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX8867

Title: 'NEVER' an invalid value for PASS_STATUS_REPORT in Invoke Business Process Service

Description:

Even though the documentation states that "NEVER" is a valid value for the PASS_STATUS_REPORT, attempting to do raises an error when the Invoke is executed.

Error Message:

```
wf.log:
[2010-04-27 14:34:13.277]
ERROR 000000000000 GLOBAL_SCOPE InvokeWorkFlowService.processData()
passed invalid value (NEVER) for parameter PASS_STATUS_REPORT.
[2010-04-27 14:34:13.277]
ERROR 000000000000 GLOBAL_SCOPE InvokeWorkFlowService.processData():
Caught Exception.com.sterlingcommerce.woodstock.workflow.
WorkflowException:
InvokeWorkFlowService.processData() passed invalid value (NEVER)
for parameter PASS_STATUS_REPORT.
at com.sterlingcommerce.woodstock.services.invokeWorkflow.
InvokeWorkFlowService.
getParms(InvokeWorkFlowService.java:414)at
com.sterlingcommerce.woodstock.services.invokeWorkflow.
InvokeWorkFlowService.
processData(InvokeWorkFlowService.java:104) at
com.sterlingcommerce.woodstock.workflow.activity.engine.
ActivityEngineHelper.
invokeService(ActivityEngineHelper.java:1774) at
com.sterlingcommerce.woodstock.workflow.activity.engine.
ActivityEngineHelper.
nextMainLogic(ActivityEngineHelper.java:644) at
com.sterlingcommerce.woodstock.workflow.activity.engine.
ActivityEngineHelper.
next(ActivityEngineHelper.java:371)at
com.sterlingcommerce.woodstock.workflow.queue.
WorkflowQueueListener.doWork(
WorkflowQueueListener.java:326)at
com.sterlingcommerce.woodstock.workflow.queue.
WorkflowQueueListener.run(
WorkflowQueueListener.java:202)at
com.sterlingcommerce.woodstock.workflow.queue.
WorkflowQueueListener.onMessage(
WorkflowQueueListener.java:163)at
com.sterlingcommerce.woodstock.workflow.queue.
WorkflowQueueListener.onMessage(
WorkflowQueueListener.java:149) at
com.sterlingcommerce.woodstock.workflow.queue.
wfTransporter.run(wfTransporter.
java:357)at
com.sterlingcommerce.woodstock.workflow.queue.
BasicExecutor$Worker.run(
BasicExecutor.java:517)
at java.lang.Thread.run(Thread.java:595)
[2010-04-27 14:34:13.277]
ERROR 000110060004 WORKFLOW.ACTIVITY_ENGINE.ERR_
ActivityEngineHelper_invokeService2
ActivityEngineHelper.invokeService() caught
exception while attempting
to execute service InvokeSubProcessService
com.sterlingcommerce.
woodstock.workflow.WorkFlowException:
invoke sub bp=_NFI_Enesco-Gund_888_Inbound failed.
com.sterlingcommerce.
woodstock.workflow.WorkFlowException:
InvokeWorkFlowService.processData() passed invalid
value (NEVER)
for parameter PASS_STATUS_REPORT.at com.sterlingcommerce.
woodstock.
services.invokeWorkflow.InvokeWorkFlowService.
processData(
InvokeWorkFlowService.java:129) at
```

```
com.sterlingcommerce.woodstock.workflow.activity.  
engine.ActivityEngineHelper.  
invokeService(ActivityEngineHelper.java:1774) at  
com.sterlingcommerce.woodstock.workflow.activity.  
engine.ActivityEngineHelper.  
nextMainLogic(ActivityEngineHelper.java:644) at  
com.sterlingcommerce.woodstock.workflow.activity.  
engine.ActivityEngineHelper.  
next(ActivityEngineHelper.java:371) at  
com.sterlingcommerce.woodstock.workflow.queue.  
WorkflowQueueListener.  
doWork(WorkflowQueueListener.java:326) at  
com.sterlingcommerce.woodstock.workflow.queue.  
WorkflowQueueListener.  
run(WorkflowQueueListener.java:202) at  
com.sterlingcommerce.woodstock.workflow.queue.  
WorkflowQueueListener.  
onMessage(WorkflowQueueListener.java:163) at  
com.sterlingcommerce.woodstock.workflow.queue.  
WorkflowQueueListener.  
onMessage(WorkflowQueueListener.java:149) at  
com.sterlingcommerce.woodstock.workflow.queue.  
wfTransporter.  
run(wfTransporter.java:357) at  
com.sterlingcommerce.woodstock.workflow.queue.  
BasicExecutor$Worker.  
run(BasicExecutor.java:517) at  
java.lang.Thread.run(Thread.java:595)
```

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Workflow Engine

Escalation ID: 171652

Fix ID: 243634, 225546, 225544, 219475

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX8359

Title: Sequence Manager menu option missing after enabling Sequencing

Description:

When adding the values to the properties files to enable the Sequencing Manager, the menu option is not available in the Sterling B2B Integrator User Interface. The user can manually add the entry to the URI to reach the page, which shows that it is working, it is simply not listed in the menus.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Workflow Engine

Escalation ID: 138538

Fix ID: 243550, 212925

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX8216

Title: A query related to current processes screen, scans complete table

Description:

A query related to current processes, scanned through one of the big tables in Gentran Integration Suite. There was NO Gentran Integration Suite performance issues observed in this specific case.

Error Message:

No errors.

The cost of the query was evaluated at the database level with unnecessary CPU, read/write usage.

Resolution:

Apply Gentran Integration Suite Release 4.2, Build 4223 or later.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Query is modified to fetch only the top 10,000 BP (example) into JVM. Filtering and permission check still happen in JVM.

Functional Area: Workflow Engine

Escalation ID: 121746

Fix ID: 243556, 215594, 214738, 211124

Severity: Normal

Type: NormalFix

Build: 4223, 4324, 5008, 5102

InQuira ID: NFX7081

Title: ControllerWorkFlow script appears to work correctly, but may display an error

Description:

When running the ControllerWorkFlow script from the command line, regardless of the options or parameters, it may display the below error on screen. This does not appear to interfere with the execution of the script

Error Message:

```
Manager.readPropertiesFromDisk.  
Error during decrypting a properties  
java.lang.ClassNotFoundException:  
com.sterlingcommerce.security.opsutilities.EncryptionHandler at  
java.lang.Class.forName(Class.java:130)  
at com.sterlingcommerce.woodstock.install.interfaces.  
EncryptionHandlerFactory.getEncryptionHandler(  
EncryptionHandlerFactory.java:44)  
at com.sterlingcommerce.woodstock.util.frame.  
Manager.decryptProperties(Manager.java:462)  
at com.sterlingcommerce.woodstock.util.frame.  
Manager.readPropertiesFromDisk(Manager.java:790)  
at com.sterlingcommerce.woodstock.util.frame.  
Manager.readPropertiesFromDisk(Manager.java:738)  
at com.sterlingcommerce.woodstock.util.frame.  
Manager.getPropertiesFromDisk(Manager.java:1207)  
at com.sterlingcommerce.woodstock.util.frame.  
Manager.getPropertiesFromDisk(Manager.java:1189)  
at com.sterlingcommerce.security.control.  
Controller.<clinit>(Controller.java:172)  
at java.lang.J9VMInternals.initializeImpl(Native Method)  
at java.lang.J9VMInternals.initialize(J9VMInternals.java:194)  
at com.sterlingcommerce.security.kcapi.PrivateKeyInfo.  
getCertificate(PrivateKeyInfo.java:1565)  
at com.sterlingcommerce.security.util.SecurityUtil.  
testPassphrase(SecurityUtil.java:102)  
at com.sterlingcommerce.woodstock.util.CommonUtil.  
testPassphrase(CommonUtil.java:175)  
at com.sterlingcommerce.woodstock.workflow.  
ControllerWorkFlow.main(ControllerWorkFlow.java:877)  
at sun.reflect.NativeMethodAccessorImpl.  
invoke0(Native  
Method)  
at sun.reflect.NativeMethodAccessorImpl.  
invoke(NativeMethodAccessorImpl.java:79)  
at sun.reflect.DelegatingMethodAccessorImpl.  
invoke(DelegatingMethodAccessorImpl.java:43)  
at java.lang.reflect.Method.invoke(Method.java:618)  
at com.sterlingcommerce.woodstock.noapp.NoAppLoader.  
main(NoAppLoader.java:81)
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Workflow Engine

Escalation ID: 091781

Fix ID: 243525, 201589

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX7279

Title: Business Processes will execute that cannot be Indexed

Description:

If a Business Process invokes a sub-process in Synchronous mode with invokesubprocess as the last service in it, and the child process is set to notify the parent process, an error in the child process may cause the parent process to show as Completed with Error, but it will not ever be seen as Completed by the Index process. The end result is that the BP will show as Completed in the Current Processes, but will never be given a lifespan nor removed from the database.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Workflow Engine

Escalation ID: 69699

Fix ID: 243832, 236130 ,234369, 203107

Severity: Normal

Type: NormalFix

Build: 4324,5008, 5102

InQuira ID: NFX6620

Title: ORA-01795 Error During BP Recovery

Description: If maxAutoRecoveryCount is in excess of 1000, Gentran Integration Suite is using an Oracle database, and more than 1000 BP's qualify for recovery, the recovery will fail, and Gentran Integration Suite will note an ORA-01795 error in the Workflow log.

Error Message: From the wf.log:

```
SQL Error Code: 1795
SQL State: 42000
java.sql.SQLException: ORA-01795:
maximum number of expressions in a list is 1000
```

Resolution: Apply Gentran Integration Suite, Release 4.3 Build 4322 or later. Apply Sterling B2B Integrator, Release 5.0 Build 5007 or later.

Functional Area: Workflow Engine

Escalation ID: 00070645

Fix ID: 243553, 214090, 196032

Severity: Normal

Type: NormalFix

Build: 4322, 5007, 5102

InQuira ID: NFX3272

Title: Cannot transfer ERROR_SERVICE tag into process data if "Allow message write" is used

Description:

Happened on 4213 and 4309

BP includes a OnFault group to catch the error. If a service gets an error, the message_from service includes a tag ERROR_SERVICE, but this information can not be transferred in the process data if the option "Allow message write" is used.

Error Message:

No error message, but the information is only available under Message_From

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4315 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Workflow Engine

Escalation ID: 1370483

Fix ID: 243755, 232226, 176067, 168012

Severity: Normal

Type: NormalFix

Build: 4315, 5008, 5102

XML Encoder

InQuira ID: NFX9718

Title: XML Encoder Service not able to process large files.

Description: XML Encoder throws errors when processing files of larger size.

Error Message: Java.sql.SQLException: Body too large to load into memory. It must be read using streams

Resolution: The fix for this issue will make XML Encoder Service to support Streaming.

Apply Gentran Integration Suite Release 4.2, Build 4223 or later.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: XML Encoder

Escalation ID: 202698

Fix ID: 243687, 228311, 228307, 227495

Severity: Critical

Type: Core Change

Build: 4223, 4324, 5008, 5102

XSLT

InQuira ID: NFX10934

Title: XSLT Service errors out when document encryption is turned ON

Description:

XSLT Service errors out when document encryption is turned ON. The defaultDocumentStorageType is set to database and the input to XSLT Service is an extracted document from mailbox.

Error Message:

```
Status report on 2009-08-28 14:41:07.191 for service: XSLT Service:
Report consists of 9 messages [2009-08-28 14:41:04.825]
Message: Starting service [2009-08-28 14:41:04.825]
Message: Retrieved input parameter: xslt_name:
XSLT_PreProcess_StripExtras_ATG_S12
[2009-08-28 14:41:04.825] Message: Retrieved
input parameter: xml_input_from: PrimaryDoc
[2009-08-28 14:41:04.825] Message: Retrieved
input parameter: xml_input_validation: NO
[2009-08-28 14:41:04.831] Message: Successfully loaded template.
[2009-08-28 14:41:04.832] Message: Getting input XML.
[2009-08-28 14:41:04.832] Message: Successfully retrieved the document
[2009-08-28 14:41:04.832] Message: Got Primary Doc
[2009-08-28 14:41:07.088] ERROR: XSLT Service failed.
Failed to transform document Exception:
XSLTTransformer: Transformer Exception:
Failed to do transformation.
Details: org.apache.xerces.impl.io.MalformedByteSequenceException:
Invalid byte 1 of 1-byte UTF-8 sequence. The
total number of errors is: 1 All the error
messages:
[2009-08-28 14:41:07.088]
ERROR: XSLT Service failed. Failed to transform document Exception:
XSLTTransformer: Transformer Exception: Failed to do transformation.
Details: org.apache.xerces.impl.io.MalformedByteSequenceException:
Invalid byte 1 of 1-byte UTF-8 sequence.End
of report
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: XSLT

Escalation ID: 081666

Fix ID: 243707, 229457

Severity: Normal

Type: NormalFix

Build: 5008, 5102

WebExtensions

InQuira ID: NFX7614

Title: Importing WSDL will not create the dynamic services

Description:

If a WSDL is checked in from UI, i.e. "Deployment"->"Web Services"->"WSDL Check In", the dynamic services will be created at the same time. However, if it's done by export/import, only the WSDL will be imported and no dynamic services will be created.

Error Message:

N/A

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later

Apply Sterling B2B Integrator, Release 5.0 Build 5008 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5102 or later.

Functional Area: WebExtensions

Escalation ID: 111027

Fix ID: 243580, 220416, 205407

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

WebServices

InQuira ID: NFX9951

Title: Get java ClassCastException with running WSDL

Description:

Customer received a 'service configuration error'. The status report shows: Mark: Start dynamic service invoke for 'DS_SEPRACOR_844_INBOUND_PORT1_OPE1_Instance'. The advanced error status in process data is:

com.ibm.wsdl.extensions.soap.SOAPHeaderImpl incompatible with
javax.wsdl.extensions.soap.SOAPBody

system log shows java.lang.ClassCastException:
com.ibm.wsdl.extensions.soap.SOAPHeaderImpl

Error Message:

```
System log post:
[2010-09-02
16:22:37.686]
ERROR 000000000000 GLOBAL_SCOPE Exception in processData
: java.lang.ClassCastException:
com.ibm.wsdl.extensions.soap.SOAPHeaderImpl
at com.sterlingcommerce.woodstock.services.
soa.dynamicservice.helper.
SOAPRequestProcessor.generateDocumentSOAPMessage
(SOAPRequestProcessor.java:1030)
at com.sterlingcommerce.woodstock.services.soa.
dynamicservice.helper.
SOAPRequestProcessor.processRequest(
SOAPRequestProcessor.java:309) at
com.sterlingcommerce.woodstock.services.
soa.dynamicservice.WSDLConsumerService.
processData(WSDLConsumerService.java:101) at
com.sterlingcommerce.woodstock.workflow.
activity.engine.ActivityEngineHelper.
invokeService(ActivityEngineHelper.java:1739)at
com.sterlingcommerce.woodstock.workflow.
activity.engine.ActivityEngineHelper.
nextMainLogic(ActivityEngineHelper.java:596)at
com.sterlingcommerce.woodstock.workflow.
activity.engine.ActivityEngineHelper.
next(ActivityEngineHelper.java:350) at
com.sterlingcommerce.woodstock.workflow.
queue.WorkFlowQueueListener.doWork(
WorkFlowQueueListener.java:326) at
com.sterlingcommerce.woodstock.workflow.
queue.WorkFlowQueueListener.run(
WorkFlowQueueListener.java:202) at
com.sterlingcommerce.woodstock.workflow.
queue.WorkFlowQueueListener.onMessage(
WorkFlowQueueListener.java:163) at
com.sterlingcommerce.woodstock.workflow.
queue.WorkFlowQueueListener.onMessage(
WorkFlowQueueListener.java:150) at
com.sterlingcommerce.woodstock.workflow.
queue.wfTransporter.run(wfTransporter.java:328) at
com.sterlingcommerce.woodstock.workflow.
queue.BasicExecutor$Worker.run(BasicExecutor.java:496)at
java.lang.Thread.run(Thread.java:595)
```

Resolution:

Workaround: The workaround required editing the WSDL so that the order of the header and body elements in the operations were reversed, as Sterling Integrator code expects the body to be first and is automatically cast as a body element. This was causing the class cast exception.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: WebServices

Escalation ID: 219146

Fix ID: 243805, 233147

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10011

Title: SOA Request Handler fails when configured for Inline Attachment with inline attached data

Description:

SOA Request Handler fails when configured for Inline Attachment with inline attached data.

Error Message:

```
Error Message in wf.log: [2010-10-01
17:59:34.668]
ERROR 000110060004 WORKFLOW.ACTIVITY_ENGINE.ERR_
ActivityEngineHelper_invokeService2
ActivityEngineHelper.invokeService() caught
exception while attempting
to execute service SOARequestHandler_Instance
[2010-10-01
17:59:34.668] ERROR 000000000000 GLOBAL_SCOPE
[1285936174668] null
[2010-10-01 17:59:34.668] ERRORDTL 000000000000
GLOBAL_SCOPE [1285936174668] java.lang.NullPointerException
at com.sterlingcommerce.woodstock.workflow.
DocumentOutputStream.write(DocumentOutputStream.java:159)
at com.sterlingcommerce.woodstock.services.soa.
MessageHolder.characters(MessageHolder.java:109)
at org.apache.xerces.parsers.AbstractSAXParser.
characters(Unknown Source)
at org.apache.xerces.impl.XMLDocumentFragmentScannerImpl.
scanContent(Unknown Source)
at org.apache.xerces.impl.XMLDocumentFragmentScannerImpl$.
FragmentContentDispatcher.dispatch(Unknown Source)
at org.apache.xerces.impl.XMLDocumentFragmentScannerImpl.
scanDocument(Unknown Source)
at org.apache.xerces.parsers.XML11Configuration.parse(
Unknown Source)
at org.apache.xerces.parsers.XML11Configuration.parse(
Unknown Source)
at org.apache.xerces.parsers.XMLParser.parse(Unknown Source)
at org.apache.xerces.parsers.AbstractSAXParser.parse(Unknown Source)
at com.sterlingcommerce.woodstock.services.soa.MessageHolder.
parse(MessageHolder.java:125)
at com.sterlingcommerce.woodstock.services.soa.
SOARequestHandlerService.processData(
```

```
SOARequestHandlerService.java:225)
at com.sterlingcommerce.woodstock.workflow.activity.
engine.ActivityEngineHelper.invokeService(
  ActivityEngineHelper.java:1743)
at com.sterlingcommerce.woodstock.workflow.activity.
engine.ActivityEngineHelper.nextMainLogic(
  ActivityEngineHelper.java:600)
at com.sterlingcommerce.woodstock.workflow.activity.
engine.ActivityEngineHelper.next(
  ActivityEngineHelper.java:353)
at com.sterlingcommerce.woodstock.workflow.queue.
WorkflowQueueListener.doWork(
  WorkflowQueueListener.java:326)
at com.sterlingcommerce.woodstock.workflow.queue.
WorkflowQueueListener.run(
  WorkflowQueueListener.java:202)
at com.sterlingcommerce.woodstock.workflow.queue.
WorkflowQueueListener.onMessage(
  WorkflowQueueListener.java:163)
at com.sterlingcommerce.woodstock.workflow.queue.
WorkflowQueueListener.onMessage(
  WorkflowQueueListener.java:150)
at com.sterlingcommerce.woodstock.workflow.queue.
wfTransporter.run(
  wfTransporter.java:355)
at com.sterlingcommerce.woodstock.workflow.queue.
BasicExecutor$Worker.run(
  BasicExecutor.java:496)
at java.lang.Thread.run(Thread.java:810)
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: WebServices

Escalation ID: 228747

Fix ID: 243743, 231882

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Workflow Engine

Fix ID: 232806

Title: Network outage - problem with Recover

Description:

Customer had over 850 that processed duplicate data because recover auto-resumed along with the original Business Process running.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Workflow Engine

Escalation ID: QC

Severity: Normal

Type: NormalFix

Build: 5102

InQuira ID: NFX10991

Title: Add a limit to prevent a Business Process from exceeding the number of steps

Description:

Business process runs into an infinite loop causing the database to run out of space.

Error Message:

None

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Workflow Engine

Escalation ID: QC

Fix ID: 243518, 227776, 185045

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10846

Title: Queue creates rescheduling thread when rescheduling is set to false.

Description:

Queue creates rescheduling thread when rescheduling is set to false. The thread is created but not used.

Error Message:

There is no error message.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Workflow Engine

Escalation ID: 251463

Fix ID: 243981, 237112

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX10126

Title: Recover.bpml is preventing other processes from running.

Description:

When recover.bpml runs it stops other business processes from running. Other processes goes into a "In queue" state.

Error Message:

No errors.

Resolution:

The issue was caused by full table scan on CONSUME_LISTENER table and the table was getting locked.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Workaround:

```
create index SCI_IDX_NEW on CONSUME_LISTENER (CONSUMER_WF_ID)
```

Functional Area: Workflow Engine

Escalation ID: 231648

Fix ID: 243814, 234027

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX9389

Title: PGPPackage service adapters are executing on nodes where the service configuration is disabled.

Description:

Customer is using PGP Package Service. The Business Process is configured to use a specific CLA2 adapter using the cmdline2svcname. However, the Business Process does not appear to be using the specified CLA2. Business Process will complete successfully even though ALL Command Line 2 adapters are disabled.

The cmdline2svcname parameter is not working as documented. Customer is running Sterling B2B Integrator in a six node cluster and needs to be able to specify CLA2 so that the PGP command is executed in the correct environment.

Error Message:

No errors. Unexpected results.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Workflow Engine

Escalation ID: 193906

Fix ID: 243644, 225742

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX8867

Title: 'NEVER' an invalid value for PASS_STATUS_REPORT in Invoke Business Process Service

Description:

Even though the documentation states that "NEVER" is a valid value for the PASS_STATUS_REPORT, attempting to do raises an error when the Invoke is executed.

Error Message:

```
wf.log: [2010-04-27
14:34:13.277] ERROR 000000000000 GLOBAL_SCOPE InvokeWorkflowService.processData()
passed invalid value (NEVER) for parameter PASS_STATUS_REPORT.[2010-04-27
14:34:13.277] ERROR 000000000000 GLOBAL_SCOPE InvokeWorkflowService.processData():
Caught Exception. com.sterlingcommerce.woodstock.workflow.WorkFlowException:
InvokeWorkflowService.processData() passed invalid value (NEVER)
for parameter PASS_STATUS_REPORT.at com.sterlingcommerce.woodstock.services.
invokeWorkflow.InvokeWorkflowService.getParms(InvokeWorkflowService.java:414)
```

```

at com.sterlingcommerce.woodstock.services.invokeWorkflow.InvokeWorkflowService.
  processData(InvokeWorkflowService.java:104)
at com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.
  invokeService(ActivityEngineHelper.java:1774)
at com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.
  nextMainLogic(ActivityEngineHelper.java:644)
at com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.
  next(ActivityEngineHelper.java:371)
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.
  doWork(WorkFlowQueueListener.java:326)
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.
  run(WorkFlowQueueListener.java:202)
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.
  onMessage(WorkFlowQueueListener.java:163)
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.
  onMessage(WorkFlowQueueListener.java:149)
at com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.
  run(wfTransporter.java:357)
at com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:517)
at java.lang.Thread.run(Thread.java:595)
[2010-04-27 14:34:13.277] ERROR 000110060004 WORKFLOW.
ACTIVITY_ENGINE.ERR_ActivityEngineHelper_invokeService2
ActivityEngineHelper.invokeService() caught exception while attempting
to execute service InvokeSubProcessService
com.sterlingcommerce.woodstock.workflow.WorkFlowException:
invoke sub bp=_NFI_Enesco-Gund_888_Inbound failed.com.
sterlingcommerce.woodstock.workflow.WorkFlowException:
InvokeWorkflowService.processData() passed invalid value (NEVER)
for parameter PASS_STATUS_REPORT.
at com.sterlingcommerce.woodstock.services.invokeWorkflow.
  InvokeWorkflowService.processData(InvokeWorkflowService.java:129)
at com.sterlingcommerce.woodstock.services.invokeWorkflow.
  InvokeWorkflowService.processData(InvokeWorkflowService.java:129)
at com.sterlingcommerce.woodstock.workflow.activity.engine.
  ActivityEngineHelper.invokeService(ActivityEngineHelper.java:1774)
at com.sterlingcommerce.woodstock.workflow.activity.engine.
  ActivityEngineHelper.nextMainLogic(ActivityEngineHelper.java:644)
at com.sterlingcommerce.woodstock.workflow.activity.engine.
  ActivityEngineHelper.next(ActivityEngineHelper.java:371)
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.
  doWork(WorkFlowQueueListener.java:326)
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.
  run(WorkFlowQueueListener.java:202)
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.
  onMessage(WorkFlowQueueListener.java:163)
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.
  onMessage(WorkFlowQueueListener.java:149)
at com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.
  run(wfTransporter.java:357)
at com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.
  run(BasicExecutor.java:517)
at java.lang.Thread.run(Thread.java:595)

```

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Workflow Engine

Escalation ID: 171652

Fix ID: 243634, 225546, 225544, 219475

Severity: Normal

Type: NormalFix

Build: 4324, 5008, 5102

InQuira ID: NFX8359

Title: Sequence Manager menu option missing after enabling Sequencing

Description:

When adding the values to the properties files to enable the Sequencing Manager, the menu option is not available in the Sterling B2B Integrator User Interface. The user can manually add the entry to the URI to reach the page, which shows that it is working, it is simply not listed in the menus.

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Workflow Engine

Escalation ID: 138538

Fix ID: 243550, 212925

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX8216

Title: A query related to current processes screen, scans complete table

Description:

A query related to current processes, scanned through one of the big tables in Gentran Integration Suite. There was NO Gentran Integration Suite performance issues observed in this specific case.

Error Message:

No errors.

The cost of the query was evaluated at the database level with unnecessary CPU, read/write usage.

Resolution:

Apply Gentran Integration Suite Release 4.2, Build 4223 or later.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Query is modified to fetch only the top 10,000 BP (example) into JVM. Filtering and permission check still happen in JVM.

Functional Area: Workflow Engine

Escalation ID: 121746

Fix ID: 243556, 215594, 214738, 211124

Severity: Normal

Type: NormalFix

Build: 4223, 4324, 5008, 5102

InQuira ID: NFX7081

Title: ControllerWorkFlow script appears to work correctly, but may display an error

Description:

When running the ControllerWorkFlow script from the command line, regardless of the options or parameters, it may display the below error on screen. This does not appear to interfere with the execution of the script

Error Message:

```
Manager.readPropertiesFromDisk.  
Error during decrypting a properties  
java.lang.ClassNotFoundException:  
com.sterlingcommerce.security.opsutilities.  
EncryptionHandler at  
java.lang.Class.forName(Class.java:130)  
at com.sterlingcommerce.woodstock.install.  
interfaces.EncryptionHandlerFactory.  
getEncryptionHandler(EncryptionHandlerFactory.java:44)  
at com.sterlingcommerce.woodstock.util.frame.  
Manager.decryptProperties(Manager.java:462)  
at com.sterlingcommerce.woodstock.util.frame.  
Manager.readPropertiesFromDisk(Manager.java:790)  
at com.sterlingcommerce.woodstock.util.frame.  
Manager.readPropertiesFromDisk(Manager.java:738)  
at com.sterlingcommerce.woodstock.util.frame.  
Manager.getPropertiesFromDisk(Manager.java:1207)  
at com.sterlingcommerce.woodstock.util.frame.  
Manager.getPropertiesFromDisk(Manager.java:1189)  
at com.sterlingcommerce.security.control.  
Controller.<clinit>(Controller.java:172)  
at java.lang.J9VMInternals.initializeImpl(  
Native Method)  
at java.lang.J9VMInternals.initialize(  
J9VMInternals.java:194)  
at com.sterlingcommerce.security.kcapi.  
PrivateKeyInfo.getCertificate(PrivateKeyInfo.java:1565)  
at com.sterlingcommerce.security.util.  
SecurityUtil.testPassphrase(SecurityUtil.java:102)  
at com.sterlingcommerce.woodstock.util.  
CommonUtil.testPassphrase(CommonUtil.java:175)  
at com.sterlingcommerce.woodstock.workflow.  
ControllerWorkFlow.main(ControllerWorkFlow.java:877)  
at sun.reflect.NativeMethodAccessorImpl.  
invoke0(Native Method)  
at sun.reflect.NativeMethodAccessorImpl.  
invoke(NativeMethodAccessorImpl.java:79)  
at sun.reflect.DelegatingMethodAccessorImpl.
```

```
invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:618)
at com.sterlingcommerce.woodstock.noapp.NoAppLoader.
main(NoAppLoader.java:81)
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Workflow Engine

Escalation ID: 091781

Fix ID: 243525, 201589

Severity: Normal

Type: NormalFix

Build: 5008, 5102

InQuira ID: NFX7279

Title: Business Processes will execute that cannot be Indexed

Description:

If a Business Process invokes a sub-process in Synchronous mode with invokesubprocess as the last service in it, and the child process is set to notify the parent process, an error in the child process may cause the parent process to show as Completed with Error, but it will not ever be seen as Completed by the Index process. The end result is that the BP will show as Completed in the Current Processes, but will never be given a lifespan nor removed from the database.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Workflow Engine

Escalation ID: 69699

Fix ID: 243832, 236130 ,234369, 203107

Severity: Normal

Type: NormalFix

Build: 4324,5008, 5102

InQuira ID: NFX6620

Title: ORA-01795 Error During BP Recovery

Description: If maxAutoRecoveryCount is in excess of 1000, Gentran Integration Suite is using an Oracle database, and more than 1000 BP's qualify for recovery, the recovery will fail, and Gentran Integration Suite will note an ORA-01795 error in the Workflow log.

Error Message: From the wf.log:

```
SQL Error Code: 1795  SQL
State: 42000 java.sql.SQLException: ORA-01795:
maximum number of expressions in a list is 1000
```

Resolution: Apply Gentran Integration Suite, Release 4.3 Build 4322 or later. Apply Sterling B2B Integrator, Release 5.0 Build 5007 or later.

Functional Area: Workflow Engine

Escalation ID: 00070645

Fix ID: 243553, 214090, 196032

Severity: Normal

Type: NormalFix

Build: 4322, 5007, 5102

InQuira ID: NFX3272

Title: Cannot transfer ERROR_SERVICE tag into process data if "Allow message write" is used

Description:

Happened on 4213 and 4309

BP includes a OnFault group to catch the error. If a service gets an error, the message_from service includes a tag ERROR_SERVICE, but this information can not be transferred in the process data if the option "Allow message write" is used.

Error Message:

No error message, but the information is only available under Message_From

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4315 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: Workflow Engine

Escalation ID: 1370483

Fix ID: 243755, 232226, 176067, 168012

Severity: Normal

Type: NormalFix

Build: 4315, 5008, 5102

XML Encoder

InQuira ID: NFX9718

Title: XML Encoder Service not able to process large files.

Description: XML Encoder throws errors when processing files of larger size.

Error Message: Java.sql.SQLException: Body too large to load into memory. It must be read using streams

Resolution: The fix for this issue will make XML Encoder Service to support Streaming.

Apply Gentran Integration Suite Release 4.2, Build 4223 or later.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: XML Encoder

Escalation ID: 202698

Fix ID: 243687, 228311, 228307, 227495

Severity: Critical

Type: Core Change

Build: 4223, 4324, 5008, 5102

XSLT

InQuira ID: NFX10934

Title: XSLT Service errors out when document encryption is turned ON

Description:

XSLT Service errors out when document encryption is turned ON. The defaultDocumentStorageType is set to database and the input to XSLT Service is an extracted document from mailbox.

Error Message:

Status
report on 2009-08-28 14:41:07.191 for service: XSLT Service: Report
consists of 9 messages [2009-08-28 14:41:04.825]
Message: Starting service [2009-08-28 14:41:04.825]
Message: Retrieved input parameter: xslt_name: XSLT_PreProcess_StripExtras_ATG_S12
[2009-08-28 14:41:04.825] Message: Retrieved
input parameter: xml_input_from: PrimaryDoc
[2009-08-28 14:41:04.825] Message: Retrieved
input parameter: xml_input_validation: NO
[2009-08-28 14:41:04.831] Message: Successfully loaded template.
[2009-08-28 14:41:04.832] Message: Getting input XML.
[2009-08-28 14:41:04.832] Message: Successfully retrieved the document
[2009-08-28 14:41:04.832] Message: Got Primary Doc
[2009-08-28 14:41:07.088]
ERROR: XSLT Service failed. Failed to transform document Exception:
XSLTTransformer: Transformer Exception: Failed to do transformation.
Details:org.apache.xerces.impl.io.MalformedByteSequenceException:
Invalid byte 1 of 1-byte UTF-8 sequence. The
total number of errors is: 1 All the error
messages:
[2009-08-28 14:41:07.088]
ERROR: XSLT Service failed. Failed to transform document Exception:
XSLTTransformer: Transformer Exception: Failed to do transformation.
Details: org.apache.xerces.impl.io.MalformedByteSequenceException:
Invalid byte 1 of 1-byte UTF-8 sequence.
End of report

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5008 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5102 or later.

Functional Area: XSLT

Escalation ID: 081666

Fix ID: 243707, 229457

Severity: Normal

Type: NormalFix

Build: 5008, 5102

Chapter 18. Build 5101 Overview

This release includes the following major updates to Sterling B2B Integrator. For more information about the updates, see the features, enhancements, and fixes listed in this document.

Product Updates

- Enhanced purge service in cluster environment

Performance Updates

- Perimeter server communication throughput has been increased.
- MergeDocument Service is modified to use streaming and does not result in OutOfMemory situations when merging two large documents.
- Random business process failures due to null pointer exceptions are fixed.

Security Updates

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later to install the latest security updates. For more information on the security updates, see the following case IDs and fix IDs:

Escalation ID: 128423 (233581, 233540, 233679, 233685, 233682, 233680, 233681, 233537)

Escalation ID: 75587 (233427)

Escalation ID: 101443 (233629)

Escalation ID: 178227 (233705)

Escalation ID: 126388 (233533)

Escalation ID: 174370 (233651)

Escalation ID: 88424 (233449)

Escalation ID: 109937 (233442)

Escalation ID: 89192 (233315)

Escalation ID: 168708 (233675)

Escalation ID: 168710 (233674)

Escalation ID: 168709 (233676)

Hot-Fix Package Delivery Method

The hot-fix package delivery method has changed effective Sterling Integrator, Release 5.1 Build 5101 onwards. The hot-fix package will be delivered as a jar file that contains only the files that were modified. However, the installation procedure

for a hot-fix remains the same. Refer to Sterling B2B Integrator *Installation* documentation for hot-fix installation procedure.

The following list describes the features of the new hot-fix package model:

- Modified components are packaged as an installable file (jar).
- Hot-fix version is maintained in the hotfix.properties file. It does not update the SI_VERSION table.
Run dumpinfo.sh (dumpinfo.cmd for Windows) command to display the hot-fix version. You can also verify the hot-fix version in Sterling Integrator Support user interface page.
- Size of the hot-fix package is small.
- Hot-fix must be installed on the same build version that was used to build it. For example, if a test system is on Sterling B2B Integrator, Release 5.1 Build 5101 and the hot-fix is built for 5102, it can be installed on that test system. However, if the production system is on Sterling B2B Integrator, Release 5.1 Build 5101, you must apply Sterling B2B Integrator, Release 5.1 Build 5102 prior to applying the hot-fix.
- You can locate the hot-fix read me file in the Sterling B2B Integrator root (install_dir) directory. For example, install_dir/hotfix_readme.txt (install_dir\hotfix_readme.txt for Windows).
- If you have Sterling File Gateway installed in your environment, the hot-fix for Sterling File Gateway is installed automatically.

Build 5101 - Disk Space Requirements

Sterling B2B Integrator, Release 5.1 Build 5101 binary .jar file size (zipped file in the FTP site) requires approximately 700 MB memory space to download and 1 GB memory space for installation.

Chapter 19. Build 5101 Enhancements

Sterling B2B Integrator 5.1 Build 5101 contains the following additional product enhancements:

- Adapters
- Admin UI
- Archiving
- Index/Purge
- Installation
- MyFileGateway
- Mailbox
- Partner Management
- Platform
- Route Config UI
- Users/Groups/Data Security Groups
- User Interface
- Web Services

Adapters

InQuira ID: ENH2776

Title: Sessions fail when using multiple sessions to send files with the same name, but with different content to the Mailbox concurrently.

Request Description: Sessions fail when multiple sessions attempt to send files concurrently with the same name, but with different content to the Mailbox using the same user name. All sessions except one session are dropped. All other sessions fail with invalid content.

Escalation ID: 128798 (218329, 218328, 233630)

Status: Completed

Request Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Adapters - SMTP

InQuira ID: ENH2798

Title: Mail Mime service is not able to process MS Office 2007 documents

Request Description: Mail Mime service is not able to process MS Office 2007 documents such as .docx and .xlsx.

Escalation ID: QC (226816, 227803, 233771)

Status: Completed

Request Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

A new property file, mail.properties has been added. The Mail Mime service can now process the following binary file extensions:

- .pdf
- .doc
- .jpeg
- .zip
- .mpeg
- .gif
- .ppt
- .jpg
- .xls
- .bmp
- .docx
- .xlsx

If you want to process any other document that has a different binary file extension, edit the mail.properties file, add the binary file extension, and save the file. Restart Sterling B2B Integrator to apply the changes.

Admin UI

InQuira ID: ENH2782

Title: Deprecate Sterling B2B Integrator /ws user interface

Request Description: Deprecate Sterling B2B Integrator/ws user interface and recommend using the new Sterling B2B Integrator dashboard interface

Escalation ID: QC (214670, 214669, 233576)

Status: Completed

Request Resolution:

The Sterling B2B Integrator dashboard interface can be accessed by using the `http://host:port/dashboard` address from your browser, where `host:port` is the IP address and port number where Sterling B2B Integrator resides on your system.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Archiving

InQuira ID: ENH2255

Title: Enhance soft stop shutdown

Request Description: Enhance soft stop shutdown by adding the following functionality:

- Shut down scheduler before shutting down other components. This will prevent additional business processes from entering the queues.
- Finish business processes in execution or in the queues until timeout before shutting down.
- For long running services of index, purge, associateDocToBP, backup and restore, exit the services after the shutdown is detected.

Escalation ID: 00072148 (205573, 207818, 5101)

Status: Completed

Request Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Index/Purge

InQuira ID: ENH2646

Title: Can Documents On Disk be on separate directories between Gentran Integration Suite nodes?

Request Description: Currently Gentran Integration Suite nodes in a cluster must all have the same directory for documents on Disk.

Escalation ID: 00139783 (217892, 211938, 233616)

Status: Completed

Request Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Installation

InQuira ID: ENH2785

Title: Add support for Sun JDK 1.5.0_22, IBM JDK 1.5.0 SR10, and HP-UX JDK 1.5.0_19

Request Description: Add support for Sun JDK 1.5.0_22, IBM JDK 1.5.0 SR10, and HP-UX JDK 1.5.0_19 for Sterling B2B Integrator installation.

Escalation ID: 124949 (226680, 223612, 223611, 223610, 235751, 227385, 233718, 233766, 233720, 233719)

Status: Completed

Request Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006.

Sterling B2B Integrator, Release 5.0 Build 5006 and Sterling File Gateway 2.0 now supports Sun JDK 1.5.0_22, IBM JDK 1.5.0 SR10, and HP-UX JDK 1.5.0_19. This support is available when patching an existing system that has been upgraded to one of the JDK versions. Installations using these JDK versions are supported with the 5006 media (5.0.06) or later.

See the Sterling B2B Integrator 5.0 Documentation Updates for more information on Sterling B2B Integrator 5.0 System Requirements .

Apply Sterling B2B Integrator, Release 5.1 Build 5101.

Mailbox

InQuira ID: ENH2106

Title: Add permissions to limit the access to the Mailbox user interface by user

Request Description: The user is looking for way to completely hide or obscure primary document from the business process instance search or monitor. In order to preempt generic access to sensitive data, create new permissions to limit the access to the Mailbox user interface data and menu items as well as be able to control access by a user to individual mailboxes.

Escalation ID: 00060212 (190964, 202280, 233338), 00075865 (196016)

Status: Completed

Request Resolution: A set of permissions to limit the access to the Mailbox User Interface has been added to Gentran Integration Suite.

Apply Gentran Integration Suite, Release 4.3, Build 4322 or later.

See the Gentran Integration Suite 4.3 Documentation Updates for information on the permissions available to limit the access to the Mailbox User Interface in Gentran Integration Suite.

Apply Sterling B2B Integrator, Release 5.0, Build 5006 or later.

See the Gentran Integration Suite 5.0 Documentation Updates for information on the permissions available to limit the access to the Mailbox User Interface in Gentran Integration Suite.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

MyFileGateway

InQuira ID: ENH2250

Title: Limit the visibility of MyFileGateway to file upload or desired configuration

Request Description: Limit the visibility of myFileGateway to file upload or desired configuration. Specific permissions can be assigned to user groups or partner users to control which tabs of myFileGateway can be accessed and which functionality is available.

Escalation ID: 00087444 (205575, 205576, 233443)

Status: Completed

Resolution:

Apply Gentran Integration Suite and Sterling File Gateway, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Partner Management

InQuira ID: ENH3027/ENH2252

Title: Additional support for authentication outside Sterling File Gateway

Request Description: Added ability to set the following values while creating a partner user in Sterling File Gateway:

- User type (Local or External)
- LDAP Server
- Timeout
- Password Policy

Escalation ID: 1372984, 1373152, 1373158 (196740, 196743)

Status: Completed

Request Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 51 Build 5101 or later.

InQuira ID: ENH2253

Title: Support for specifying organization code in Sterling File Gateway

Request Description: You can now identify an organization (partner) name different from org (partner) code when creating a partner in the Sterling File Gateway partner configuration user interface.

Escalation ID: 1373158 (196740, 196743, 233264)

Status: Completed

Request Resolution:

Apply Gentran Integration Suite and Sterling File Gateway, Release 4.3, Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0, Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Platform

InQuira ID: ENH2786

Title: EDI test does not scale up with increase in threads and nodes

Request Description: EDI test does not scale up with increase in threads and nodes. The threads are blocked as shown in the following thread dump:

```
java.lang.Object.wait(NativeMethod)
java.lang.Object.wait(Object.java:231)
com.servename.util.frame.lock.LockManager.
wait0bjects(LockManager.java:1060)
com.servename.util.frame.lock.LockManager.
lock(LockManager.java:1181)
com.servename.util.frame.lock.LockManager.
lockRMI(LockManager.java:2612)
com.servename.util.frame.lock.LockManager.
lockEDISpecial(LockManager.java:1166)
com.servename.envelopes.si.SIEnvelope.
loadControlNumber(SIEnvelope.java:972)
com.servename.services.edi.LockInfo.
lockAndIncrementResource(LockInfo.java:170)
com.servename.services.edi.envelopeX12.
EnvelopeX12ServiceImpl.createOutboundInterchange(
EnvelopeX12ServiceImpl.java:1141)
com.servename.services.edi.envelopeX12.
EnvelopeX12ServiceImpl.envelope(
EnvelopeX12ServiceImpl.java:906)
com.servename.services.edi.envelopeX12.
EnvelopeX12ServiceImpl.proce ssData(EnvelopeX12ServiceImpl.java:352)
com.servename.workflow.activity.engine.
ActivityEngineHelper.invokeService(ActivityEngineHelper.java:1774)
com.servename.workflow.activity.engine.
ActivityEngineHelper.nextMainLogic(ActivityEngineHelper.java:644)
com.servename.workflow.activity.engine.
ActivityEngineHelper.next(ActivityEngineHelper.java:371)
com.servename.workflow.queue.WorkFlowQueueListener.
doWork(WorkFlowQueueListener.java:326)
com.servename.workflow.queue.WorkFlowQueueListener.
run(WorkFlowQueueListener.java:202)
com.servename.workflow.queue.WorkFlowQueueListener.
onMessage(WorkFlowQueueListener.java:163)
com.servename.workflow.queue.WorkFlowQueueListener.
```



```
onMessage(WorkflowQueueListener.java:149)
com.servername.workflow.queue.wfTransporter.run(
wfTransporter.java:354)
com.servername.workflow.queue.BasicExecutor$Worker.
run(BasicExecutor.java:517)
java.lang.Thread.run(Thread.java:810)
```

Escalation ID: QC (209691, 233518)

Status: Completed

Request Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Route Config UI

InQuira ID: ENH2251

Title: Sterling File Gateway sub-users given permission to new routing templates

Request Description: In Gentran Integration Suite, new users are created and tied to the Sterling File Gateway user by an entity code (sub-user ids). Permissions are given in a way that the Sterling File Gateway users can see all mailboxes. The Gentran Integration Suite users have access to specific mailboxes under the umbrella of the Sterling File Gateway user id. However, after a new Routing Channel is added to the Sterling File Gateway user, the Gentran Integration Suite users get access to all the mailboxes that the master Sterling File Gateway user has access to.

Escalation ID: 00106583 (205389, 205391, 233435)

Status: Completed

Request Resolution:

Apply Gentran Integration Suite and Sterling File Gateway, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

User Interface (UI)

InQuira ID: ENH2803

Title: Access to schedules by a select group of users

Request Description: Permissions to allow a group of non-admin users, such as operators, to access and administer all schedules in the system should be provided.

Escalation ID: 00142657 (216440)

Status: Completed

Request Resolution: The following permissions are added to enable operators to access and administer schedules in the system:

- UI Schedule Administrator
- UI Scheduler
- UI Schedule Reviewer

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

See the Sterling B2B Integrator 5.0 Documentation Updates for information about the enhancement to Mailbox Permissions.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

InQuira ID: ENH2804

Title: Request for 'Run As User' Business Process execution option for non-admin users

Request Description: A permission to enable an operator (non-admin) to execute a business process manually by specifying a different user in the "Run as User" field in the BP Execution page should be provided.

Escalation ID: 00145480 (216437, 216472, 234250)

Status: Completed

Request Resolution: The permission "UI BP Execution Administrator" is added to enable an operator (non-admin) to execute a business process manually by specifying a different user in the "Run as User" field in the BP Execution page.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

See the Sterling B2B Integrator 5.1 Documentation Updates for information about the enhancement to Mailbox Permissions.

See the Sterling B2B Integrator 5.0 Documentation Updates for information about the enhancement to Mailbox Permissions.

See the Gentran Integration Suite 4.3 Documentation Updates for information about the enhancement to Mailbox Permissions.

Users/Groups/Data Security Groups

InQuira ID: ENH2058

Title: Secure LDAP passwords within Gentran Integration Suite/Sterling B2B Integrator and encrypt the trust store or key store passphrases

Request Description: Allow for the following properties stored in the authentication_policy.properties file (or customer_overrides.properties) to be encrypted in the property files:

- `authentication_policy.authentication_1.credentials`: This parameter or property governs the principal password necessary to access an LDAP instance. This should be secured since no password that governs security and access should be exposed in plain text.
- `authentication_policy.LDAP_SECURITY_TRUSTSTORE_PASSWORD`: This parameter or property governs the password for the trust store (JKS format) used for securing LDAP connections. The passphrase for this JKS must be supplied so that the trust store can be accessed since it is an encrypted file.
- `authentication_policy.LDAP_SECURITY_KEYSTORE_PASSWORD`: This parameter or property governs the password if client-based SSL authentication is used to secure connections to a given LDAP instance.

Escalation ID: 1361517 (196733, 196734, 223722, 234240)

Status: Completed

Request Resolution: Add the appropriate properties to the `customer_overrides.properties` file with values being of the form `<encval>`, where `<encval>` is value that `<installDir>/bin/encrypt_string.[sh/cmd]` returns for the real value of the property. Update `customer_overrides.properties` to have following entries. Replace all `<ENCVAL>` with the encrypted value of the non-encrypted string commented out for that property using the `bin/encrypt_string.sh` (or `.cmd`).

Add the following lines (again with appropriate replacement of `<ENCVAL>`):

```
authentication_policy.LDAP_SECURITY_TRUSTSTORE=&INSTALL_DIR;
../woodstock2/com/servername/security/units/cacerts
#non-encrypted
#authentication_policy.LDAP_SECURITY_TRUSTSTORE_PASSWORD=changeit
#encrypted
authentication_policy.LDAP_SECURITY_TRUSTSTORE_PASSWORD=<ENCVAL>
authentication_policy.LDAP_SECURITY_KEYSTORE=&INSTALL_DIR;
../woodstock2/com/servername/woodstock/security/units/keystore
#non-encrypted
#non-encrypted
#authentication_policy.LDAP_SECURITY_KEYSTORE_PASSWORD=password
#encrypted
authentication_policy.LDAP_SECURITY_KEYSTORE_PASSWORD=<ENCVAL>
authentication_policy.authentication_2.display_name=LDAPServer agrona 2
authentication_policy.authentication_2.enabled=true
authentication_policy.authentication_2.jndi_factory=com.sun.jndi.ldap.LdapCtxFactory
authentication_policy.authentication_2.server=agrona.sci.local
authentication_policy.authentication_2.port=18100
authentication_policy.authentication_2.security_type=simple
authentication_policy.authentication_2.principle=cn=Manager,dc=amr,dc=stercomm,dc=com
#non-encrypted
#authentication_policy.authentication_2.credentials= Sterling
#encrypted
authentication_policy.authentication_2.credentials=<ENCVAL>
authentication_policy.authentication_2.security_protocol=ssl
authentication_policy.authentication_2.password_attribute=userPassword
authentication_policy.authentication_2.search_root=dc=amr,dc=stercomm,dc=com
authentication_policy.authentication_2.search_filter=(uid=<userid>)
authentication_policy.authentication_2.with_user_bind=false
authentication_policy.authentication_2.className=com.servername.security.LDAPAuthentication
```

Note: Please use appropriate `ca-cert` and `keystore` files and provide their locations in the `customer_overrides.properties` file.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

InQuira ID: ENH1677

Title: For Gentran Integration Suite/Sterling Integrator and Sterling File Gateway/Advanced File Transfer User Accounts, allow creation of user IDs with 4 characters or less for either Local authentication or External authentication

Request Description: For Sterling B2B Integrator/Gentran Integration Suite, Sterling File Gateway or Advanced File Transfer User Accounts, allow creation of user IDs with 4 characters or less with either Local authentication or External authentication (Single Sign On)

Escalation ID: 1371761, 00145574 (185132, 216054, 188390, 188391, 233594)

Status: Completed

Request Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Note: This functionality was available as of Build 4319 for Gentran Integration Suite user accounts only. Build 4324 adds this functionality for Sterling File Gateway/Advanced File Transfer user accounts.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Note: This functionality was available as of Build 5002 for Sterling B2B Integrator user accounts only. Build 5006 adds this functionality for Sterling File Gateway/Advanced File Transfer user accounts.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Note: This functionality was available in base 5.1 for Sterling B2B Integrator user accounts only. Build 5101 adds this functionality for Sterling File Gateway/Advanced File Transfer user accounts.

After the patch is applied to setup a User Account with a User ID less than 5 characters, please do the following:

In the customer_overrides.properties file, set the userIdMinLength parameter to the minimum number of characters that should be allowed.

Please see the Documentation Library for information on using the customer_overrides.properties file.

Note that the default will still remain 5 characters as defined in the ui.properties for the userIdMinLength parameter to maintain backward capability unless overridden as noted above.

ui.properties:

```
#####  
#The number of characters limitation for creating user id.  
#The length should be greater than zero.  
#####  
userIdMinLength = 5
```

Web Services

InQuira ID: ENH2697

Title: The Web Services configuration elements stored in soa.properties file should be stored in the database

Request Description: The Web Services configuration elements are stored in soa.properties, which is overwritten when a new build is applied. Instead of storing the Web Services configuration elements in soa.properties file, it should be stored in the database.

Escalation ID: QC (220313, 233656)

Status: Completed

Request Resolution:

The Web Services configuration elements will now be stored in the database instead of soa.properties file.

To restore and migrate Web Services configuration elements into the database, perform the following tasks:

1. Navigate to `install_dir /install/properties` (for Windows - `install_dir \install\properties`) directory.
2. Back up the `soa.properties` and `soa.properties.in` files before applying the new build.
3. Apply Sterling Integrator, Release 5.0 Build 5006 or later.
4. Copy the `soa.properties` and `soa.properties.in` backup files to `install_dir /install/properties` (for Windows - `install_dir \install\properties`) directory.
5. Navigate to `install_dir /install/bin` (for Windows - `install_dir \install\bin`) directory.
6. Run `convertWSSoaProperties.sh` (for Windows - `convertWSSoaProperties.cmd`) command. The command will automatically migrate all Web Services configuration from `soa.properties` file to the database.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Chapter 20. Build 5101 Fixes

Issues have been resolved in Sterling B2B Integrator, Release 5.1 Build 5101 in the following areas:

- Adapters
- Adapters - FSA
- Adapters - FTP
- Adapters - HTTP
- Adapters - JMS
- Adapters - LWJDBC
- Adapters - MSMQ
- Adapters - Odette FTP
- Adapters - Oracle E-Business Suite
- Adapters - SAP
- Adapters - SFTP
- Adapters - SMTP
- Admin UI
- Advanced File Transfer
- Advanced File Transfer - Routing
- Advanced File Transfer Migration
- Alert Service
- Archiving
- AS2
- Certificate
- Clustering
- Connect Direct Interop
- Document Extraction
- EDI
- Event
- FIFO
- Graphical Process Modeler
- Import/Export
- Import/Export, Advanced File Transfer
- Index/Purge
- Installation
- InstallService
- Mailbox
- Map Editor
- MESA Studio
- MyFileGateway
- Partner Management
- Performance
- Perimeter Services

- Platform
- Reporting Services
- Route Config UI
- Route Processing
- Scheduling
- SCM Integration
- Security/Encryption
- Service and Adapter
- Sterling File Gateway - Admin UI
- Sterling File Gateway - Installation
- Sterling File Gateway - Partner Management
- Sterling File Gateway - Performance
- Sterling File Gateway - Route Delivery
- Sterling File Gateway - Route Visibility
- Sterling File Gateway - User Interface
- Single SignOn
- Standards
- Sterling e-Invoicing
- SWIFT
- SWIFT - Interact Adapter
- Trading Partner Profiles
- Translator
- UI General
- Upgrade
- User Interface
- Users/Groups/Data Security
- WebServices
- Workflow Engine

Adapters

InQuira ID: NFX10471

Title: Adapters fail during restart

Description: Various adapters (HTTP Client and Server, FTP Client and Server, SFTP Client and Server, C:D Server) may fail to start when restarting the instance. After they fail, they will be disabled until manually re-enabled. Errors will occur in the respective adapter logs and business processes attempting to use the adapters will fail.

Error Message: None

Resolution

Apply Sterling B2B Integrator, Release 5.0 Build 5007 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Adapters

Escalation ID: QC

Fix ID: 236167, 236678, 237189

Severity: Critical

Type: NormalFix

Build: 5007, 5101

InQuira ID: NFX9538

Title: Orphan records in several document related tables remain in the system

Description: Orphan records in document related tables (DOCUMENT, DOCUMENT_EXTENSION, and TRANS_DATA) created during system failure remain in the system and are not purged.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5006 or later.

Apply Sterling B2B Integrator 5.1, Build 5101 or later.

Functional Area: Adapters

Escalation ID: QC

Fix ID: 215338, 233584

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9332

Title: Adapter level document storage configuration is not working

Description: When global document storage level is set to file system (FS) and adapter level document storage is set to database (DB), adapter level document storage configuration does not override the global document storage level settings, resulting in file getting stored on file system.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Adapters

Escalation ID: QC

Fix ID: 212768, 212152, 233554

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX5468

Title: GetDocumentInfo Service is not finding data written to disk by JMS adapter

Description: If JMS Adapter fails to start BPs due to database unavailability, the workflows that needs to be bootstrapped by adapter will be persisted to /logs/iwfc folder.IWFCDriver tries to start the unprocessed workflows at a scheduled time of 3a.m in the morning .However the information required for this service is not persisted to file system such as primary document. This leads to failure of reprocessing these workflows.

Path for this is GISInstallationDirectory\logs\iwfc

Error Message:

```
com.servename.workflow.DocumentNotFoundException: 000110011518  
WORKFLOW.WORKFLOW.ERR_Document_DocumentNotFoundException22 Initial  
document for DocId machinename:node1:12167738ad0:22843830 not found.  
It may have been archived.
```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Gentran Integration Suite, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Adapters

Escalation ID: 49836

Fix ID: 191989,201822, 233337

Severity: Critical

Type: NormalFix

Build: 4322, 5006, 5101

Adapters - FSA

InQuira ID: NFX7322

Title: File system adapter service doesn't have status report if there is nothing to collect

Description: File system adapter service doesn't have status report if there is nothing to collect

```
<Collect>  
<Result><![CDATA[ service FSA_Generic  
doesn't have status report]]></Result> </Collect>
```

Error Message: service FSA_Generic doesn't have status report

Resolution:

Apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Adapters - FSA

Escalation ID: 100639

Fix ID: 203834, 207981, 207978, 233492

Severity: Normal

Type: NormalFix

Build: 4222, 5006, 4324, 5101

Adapters - FTP

InQuira ID: NFX7292

Title: The ftp server adapter adds an extra space between the date and time output.

Description: When using ls -l, there are two spaces between the date and the time fields.

In earlier releases of Gentran Integration Suite there was only one space between the date and time.

```
GIS 4.0:  
-rw----- 1 message group 127 Oct  
06 13:37 CONTRL.edi  
GIS 4.3/SI 5.0:  
-rw-----  
1 message group 127 Oct 06 13:37 CONTRL.edi
```

Error Message: There is no error message, but a script that is parsing the output and is using fixed length fields could return incorrect information.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Adapters - FTP

Escalation ID: 00099380

Fix ID: 202744, 205272, 233430

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX7313

Title: MDTM returns the time stamp in Local time zone as opposed to GMT time zone

Description: In ftpserver.properties there is below parameter,

```
# By default, the MDTM command will return GMT time per the RFC specification.  
# Set isMdtmGMT to be false if you want to return local time.  
isMdtmGMT=true
```

Even though it is set to true when we ftp to the server (Gentran Integration Suite) and do "quote mgmt <filename>", it returns local time of when it is created/modified.

Example:

```
ftp>  
open <hostname>  
Connected to <hostname>.  
220 GIS FTP Server (java -1.1.00) ready.  
User (<hostname>:(none)):  
admin 331 Password required for admin.  
Password:  
230 User admin logged in.  
ftp>  
dir 200  
PORT command successful.125  
Data connection already open; transfer starting.  
drwx-----  
1 mailbox group 1024 Oct 07 15:31 EDIInboundCollection  
drwx-----  
1 mailbox group 1024 Oct 07 15:31 EDIInboundExtraction  
drwx-----  
1 mailbox group 1024 Oct 07 15:31 EDIOutboundCollection  
drwx-----  
1 mailbox group 1024 Oct 07 15:31 EDIOutboundExtraction  
-rw-----  
1 message group 256 Sep 02 20:27 encoded.txt  
226  
Closing data connection, ASCII transfer complete.  
ftp:  
1534 bytes received in 0.00Seconds 1534000.00Kbytes/sec.  
ftp>  
quote mdtm encoded.txt  
213 20090902202736
```

Error Message: N/A

Resolution:

Removed trailing white space from the end of the isMdtmGMT=true in the ftpserver.properties file.

Apply Sterling B2B Integrator, Release 5.0 build 5006

Apply Gentran Integration Suite, Release 4.3 Build 4324

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Adapters - FTP

Escalation ID: 100272

Fix ID: 203546, 202635, 233377

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX6885

Title: FTP server adapter always responds with "125 Data connection already open"

Description: FTP Server adapter always returns 125 after FTP Put and List operations. This should be 150.

Error Message: No error message however it was required at this implementation that the server returns 150. Both 125 and 150 are valid according to RFC959.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

The exact behavior can be set in ftpserver.properties by setting true or false:
force150ReplyCode=true

Functional Area: Adapters - FTP

Escalation ID: 00082930

Fix ID: 202313, 197822, 233350

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX7705

Title: FTP Client List leaves active ports open and will eventually require a restart of Gentran Integration Suite to clear the ports

Description: FTP Client List in Active mode leaves the data port open if the server returns a 550 code unless the FTP Client List is the last one of the BP. If the FTP

client BP sends an NLST * and is followed by an NLST, PUT or GET service this issue can occur and is caused by the data transfer port never being established.

Open ports will continue to grow over time and force a restart of Gentran Integration Suite/Sterling B2B Integrator.

Error Message:

```
ServiceTranscript=[
> PORT xx,xxx,xx,xxx,187,192
200
PORT command successful.
> TYPE A
200
Type set to A.
> NLST test* 550
test*: No such file or directory.
]
ListNames=[null]
```

Resolution:

Apply Gentran Integration Suite, Release 4.2 Build 4223 or later

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Version 5.0 Build 5006 or later.

Workaround: Utilize Passive FTP if possible as issue only occurs with ports opened for active ftp data transfers.

Apply Sterling B2B Integrator, Version 5.1 Build 5101 or later.

Functional Area: Adapters - FTP

Escalation ID: 82288

Fix ID: 217640, 218021, 217639, 233610

Severity: Normal

Type: NormalFix

Build: 5006, 4223, 4324, 5101

InQuira ID: NFX7914

Title: FTP Client Services does not work with BridgeGate FTP server.

Description: FTP Client Get Service shows success in UI but does not get document(s). Size of the returned PrimaryDocument is zero byte.

FTP Client List Service shows success in UI but does not return list of file(s).

FTP Client PUT Service times out.

Error Message:

FTP Client Get Service Status Report

```

Name: xxx_bridgagate_get
Instance ID:3398506
Service Name: FTP Client GET Service
Successfully resumed waiting business process.
ServiceStartTime=[2010-01-08 13:53:33.3]
ServiceEndTime=[2010-01-08 13:53:34.701]
SessionToken=[FTPClientAdapter_FTPClientAdapter_
node1_12629768124531007:50286]
ServiceTranscript=[
>
PASV
227 Entering Passive Mode (161,254,162,36,11,215)
>
TYPE A
200 Command ok : ASCII type selected.
>
RETR PC0923101348812.edi
150 Opening ASCII
mode data connection for (618 bytes). (
"/ftps314652/PC0923101348812.edi")
R E T R
226-Download File Size:618 bytes
@ 0K/sec.
226 Transfer complete. CRC32=7E3836CA
("/ftps314652/PC0923101348812.edi") RETR
]
NumberOfDocuments=[1]
<documents>
  <doc>
    <id>quark:node1:125d655de61:927692</id>
    <name>PC0923101348812.edi</name>
    <size>0</size>
  </doc>
</documents>

```

FTP Client List Service Status Report

```

Name: xxx_bridgagate_list
Instance ID:3404760
Service Name: FTP Client LIST Service
FTPClientList finished successfully.
FTPClientAdapter=[FTPClientAdapter_FTPClientAdapter_node1]
ServiceStartTime=[2010-01-11 09:44:00.728]
ServiceEndTime=[2010-01-11 09:44:01.764]
SessionToken=[FTPClientAdapter_FTPClientAdapter_node1_
12632210398941008:50288]
ServiceTranscript=[
> PASV
227 Entering Passive Mode (161,254,162,36,12,21)
> TYPE A
200 Command ok : ASCII type selected.
> LIST PC0923101348812.edi
150 Opening data connection for file list.
226 Directory transfer complete.
]
List=[ ]
FTP
Client Put Service error:
<ErrorMessage>
Response not received before specified timeout reached.
Closing connections.
</ErrorMessage>

```

Resolution:

Apply Gentran Integration Suite 4.2 Build 4223 or later.

Apply Gentran Integration Suite 4.3 Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator Release 5.1 Build 5101 or later.

Functional Area: Adapters - FTP

Escalation ID: 58103, 75087, 76028, 134636

Fix ID: 210647, 211530, 196423, 233534

Severity: Critical

Type: NormalFix

Build: 5006, 4223, 4324, 5101

InQuira ID: NFX8062

Title: FTP(S) Client Begin Session fails after sending PBSZ during SSL/TLS FTP handshake

Description: FTP(S) Client Begin Session fails after sending PBSZ during SSL/TLS FTP handshake. Some FTPs Server disconnects on receiving command in different order than expected. FTP Client Begin session should be able to modify sequence of commands.

Error Message: "Connection closed unexpectedly"

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Adapters - FTP

Escalation ID: 00123242

Fix ID: 216836 , 214276, 233599

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX8694

Title: Do not display the server type and version number in the system banner of FTP Server Adapter

Description: Currently, when an FTP client connects to the Gentran Integration Suite FTP Server adapter, the following information is displayed:

```
Connected to ftpserver.servername.com.  
220 GIS FTP Server(java -1.1.00) ready.  
User (ftpserver.stercomm.com:(none)):  
Fix the system banner such that java version will not display.
```

Error Message: None

Resolution:

Apply Sterling B2B Integrator Release 5.0 Build 5006 or later.

Apply Gentran Integration Suite 4.3 Build 4324 or later.

Apply Sterling B2B Integrator Release 5.1 Build 5101 or later.

Functional Area: Adapters - FTP

Escalation ID: 131732

Fix ID: 216976, 213150, 233600

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9091

Title: Need ability for trading partners using a password policy to be prompted to change their password when using FTP, SFTP

Description: Customer creating partner accounts (to be used in File Gateway) that have a password policy that requires partners to change their password upon first login. If you test this account using any communications protocol other than the myfilegateway website, the user is allowed to login and does not receive any errors and this should not happen. A user who's password must be reset should not be allowed to log in via FTP, SFTP, etc in this case. If you use the same user/password in myfilegateway UI, you are required to change the password. So it appears the password reset requirement only applies to myfilegateway logins.

Error Message: None

Resolution: This defect resolution is split into 2 defects to address issue in FTP and SFTP servers:

219112 - is used for FTP Server, fix committed to Sterling Integrator patch 5006.

221069 - is used for SFTP Server, fix committed to an upcoming Sterling Integrator patch.

219112 - is for FTP Server

As per FTP spec, there is no standard way using which an FTP server can force a client to enforce password change. RFC enforces client to take action based on the reply code and not on a text message. There is no specific reply code for this situation.

Solution is that server rejects the user with more meaningful message, when password needs to be changed due to policy, once the authentication is through.

Rejection msg - 530 Password change required as per Policy. Please contact your system administrator

221069 - is for SFTP Server

SFTP Server does not have support of force password change at the time of login.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Adapters - FTP

Escalation ID: 158415

Fix ID: 219112, 233641

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9231

Title: Control connection closes unexpectedly

Description: Improper reporting of Control connection has been closed unexpectedly during 1000, 10 MB file FTP test

Error Message: Control connection has been closed unexpectedly

Resolution: The error is now being reported properly.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5101 or later.

Functional Area: Adapters - FTP

Escalation ID: N/A

Fix ID: 177543, 233237

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9467

Title: FTP Client Delete Service does not handle Response code 200 from FTP server properly

Description: FTP Client Delete Service does not handle Response code 200 from FTP server properly. According to RFC, Appropriate Response Code for successful delete command is 206. But, since 200 means Command okay, FTP client Delete Service should handle response code 200.

Error Message:

Executing
handleREPLY_200Command(IS,b,0) after unsuccessful transition from state
[DELETE_SENT].

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Adapters - FTP

Escalation ID: 00139279

Fix ID: 213828, 212636, 233570

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9736

Title: FTP server information is displayed

Description: FTP server information is displayed in the welcome banner message.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5006 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5101 or later.

Functional Area: Adapters - FTP

Escalation ID: QC

Fix ID: 210658, 210652, 233535

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX5767

Title: FTP Begin Session is leaving orphaned connections active when a data port range is used.

Description: When an FTP Client Adapter is configured with a data port range and that data port range is reached and therefore maxed out the next client BP will fail and the BP will terminate. The problem is that the control session is left open and these sessions will build up over time. Attempts to end the session with FTP Client End Session will fail with 'session not found'.

The control sessions are being successfully removed within the application but are not successfully being closed at the operating system level.

Error Message: Attempts to end the session with FTP Client End Session will fail with 'session not found'.

Resolution:

Apply Sterling B2B Integrator, Version 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Version 5.1 Build 5101 or later.

Apply Gentran Integration Suite, Version 4.3 Build 4324 or later.

Functional Area: Adapters - FTP

Escalation ID: 33429

Fix ID: 202503, 189659, 233356

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX5784

Title: FTP Client LIST service causes a business process to error if receiving a "450 No files found"

Description: FTP Client LIST service causes a business process to error if receiving a "450 No files found".

According to RFC 959 - NLST responses can be 450. The application should allow the business process to ignore this error when utilizing this parameter:

ListNamesErrorSetSuccess - Ignore 550 error code when executing the NLST command. Optional. Valid values are YES and NO.

Error Message:

```
220 ProFTPD 1.3.2 Server
(ProFTPD Default Installation) [xxx.xxx.xxx.xxx]
>
USER gis43
331 Password required for gis43
> PASS *****
230
User gis43 logged in
> PASV
227
Entering Passive Mode (xxx,xxx,xxx,xxx,62,99).
>
```

```
TYPE A
200 Type set to A
>
NLST YNK*.*
450 No files found
]
```

Resolution: A fix was done in Gentran Integration Suite, Release 4.3 Build 4319 and Sterling B2B Integrator, Release 5.0 Build 5002 to add the behavior to ignore a 450 error if received from the FTP Client LIST service when using the parameter ListNamesErrorSetSuccess set to YES in the business process. It was found that this fix handled the 450 error when the data connection was closed and then the 450 response was received on the control connection. However in a race condition where the 450 response is received on the control channel prior to the data connection being closed, the 450 response is not ignored and the service completes with an error.

Note: The ListNamesErrorSetSuccess parameter must be used in the business process and be set to YES in order for 450 response to be ignored and the service to complete successfully.

Apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Fix ID:

184534 = 4319

184823 = 5002

203898 = 4322

204683 = 4222

204718 = 5006

233413 = 5101

Functional Area: Adapters - FTP

Escalation ID: 34407, 102093, 108534, 136736

Fix ID: 203898, 204683, 204718, 233413

Severity: Normal

Type: NormalFix

Build: 4319, 5002, 4322, 4222, 5006, 5101

Adapters - HTTP

InQuira ID: NFX4975

Title: HTTP Response service successfully posting answer even though HTTP Client has already timed out

Description: HTTP Respond service completes successfully even though HTTP Client has already timed out.

Error Message: No error message. The issue is that the HTTP Respond will always complete successfully even though a time out had occurred in the originating HTTP Client. To test this scenario, implement a business process which issues a HTTP Post to a URI on the Gentran Integration Suite HTTP Server Adapter. In the invoked business process, add a sleep service for a length of time longer than the HTTP Client Timeout Setting. The HTTP Client will time out and disconnect however the invoked BP will resume and the HTTP Respond will send the resulting document back to the client and not report an error, even though it was impossible for it to have been able to have delivered the response.

Resolution:

Apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

To implement this fix, you need to code two parameters in the client and server (invoked) business processes:

Client side wfd param is - ResetConnectionOnError

To enable the same, you may need to add the below bpml line into HTTPClientBeginSession

```
<assign to="ResetConnectionOnError">Enable</assign>
```

To Disable the same, you may need to add the below bpml line into HTTPClientBeginSession

```
<assign to="ResetConnectionOnError">Disable</assign>
```

Server side wfd param is - ErrorOutAfterConnectionClose

To enable the same, you may need to add the below bpml line into HTTP Respond Service

```
<assign to="ErrorOutAfterConnectionClose">Enable</assign>
```

To Disable the same, you may need to add the below bpml line into HTTPClientBeginSession

```
<assign to="ErrorOutAfterConnectionClose">Disable</assign>
```

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Adapters - HTTP

Escalation ID: 00024348

Fix ID: 181212, 188607, 188609, 233245

Severity: Normal

Type: NormalFix

Build: 4221, 4322, 5006, 5101

InQuira ID: NFX8391

Title: HTTP POST at Start/Stop Persistence and File System Storage® Fails

Description: When an HTTP POST operation occurs with the persistence set to start/stop only, and the document storage is set to file system, the HTTP POST fails due to an invalid document size. This does work correctly when the persistence is set to FULL and/or the storage is set to database.

Error Message:

BP status report:

```
HTTPClientPostService has an error
HTTPClientAdapter = [HTTPClientAdapter]
ServiceStartTime = [2010-02-16 17:10:47.864
]
ServiceEndTime = [2010-02-16 17:10:47.875]
SessionToken
= [HTTPClientAdapter_HTTPClientAdapter_node1_12663582478606:467]
ErrorMessage
= Http Client Exception: Internal Error: Couldn't send request via
session [HTTPClientAdapter_HTTPClientAdapter_node1_12663582478606:467]
due to state machine having previous failure [-1:
Internal Error: Error reported during generateHeaders:
[com.servename.services.httpclient.HttpClientException:
Invalid document body size after header extraction [-4];
make sure request document contains proper headers.]]
```

Resolution:

Apply Sterling B2B Integrator, Version 5.0 Build 5006 or later.

Apply Gentran Integration Suite, Version 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Version 5.1 Build 5101 or later.

Functional Area: Adapters - HTTP

Escalation ID: 138556

Fix ID: 218013, 217442, 233620

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX7730

Title: Since applying SI5003 http URL are redirected to https

Description: SI5003

Since applying SI5003 http URL with format /namewar are redirected to https

By example, the standard hello-war configured on port baseport+33

URL http://hostname:55033/hello-war is redirected to https://hostname:55033/hello-war/

Error Message:

```
In http.log, :
[2009-11-25 09:13:16.687] ERRORDTL
000000000000 GLOBAL_SCOPE [1259136796687] java.lang.RuntimeException:
HttpException(400,null,null)
at com.servename.services.pshttp.jetty.ConduitStreamListener.
handleNewConnection(
    ConduitStreamListener.java:223)
at com.servename.services.pshttp.jetty.ConduitStreamListener.
access$200(
    ConduitStreamListener.java:72)
at com.servename.services.pshttp.jetty.ConduitStreamListener$1.
run(
    ConduitStreamListener.java:277)
at org.mortbay.thread.BoundedThreadPool$PoolThread.run(
    BoundedThreadPool.java:450)
Caused
by: HttpException(400,null,null)
at org.mortbay.jetty.HttpParser.parseNext(HttpParser.java:344)
at org.mortbay.jetty.HttpParser.parseAvailable(HttpParser.java:205)
at org.mortbay.jetty.HttpConnection.handle(HttpConnection.java:380)
at com.servename.services.pshttp.jetty.FlushingHttpConnection.handle(
    FlushingHttpConnection.java:96)
at com.servename.services.pshttp.jetty.ConduitStreamListener.
handleNewConnection(
    ConduitStreamListener.java:215)
...
3 more
[2009-11-25 09:13:16.687] ERROR 000000000000
GLOBAL_SCOPE ConduitStreamListener.canAccept() - Failed.
java.lang.RuntimeException: HttpException(400,null,null)
at com.servename.services.pshttp.jetty.ConduitStreamListener.
handleNewConnection(
    ConduitStreamListener.java:223)
at com.servename.services.pshttp.jetty.ConduitStreamListener.
access$200(
    ConduitStreamListener.java:72)
at com.servename.services.pshttp.jetty.ConduitStreamListener$1.
run(
    ConduitStreamListener.java:277)
at org.mortbay.thread.BoundedThreadPool$PoolThread.run(
    BoundedThreadPool.java:450)
Caused
by: HttpException(400,null,null)
at org.mortbay.jetty.HttpParser.parseNext(HttpParser.java:344)
at org.mortbay.jetty.HttpParser.parseAvailable(HttpParser.java:205)
at org.mortbay.jetty.HttpConnection.handle(HttpConnection.java:380)
at com.servename.services.pshttp.jetty.FlushingHttpConnection.handle(
    FlushingHttpConnection.java:96)
at com.servename.services.pshttp.jetty.ConduitStreamListener.
handleNewConnection(
    ConduitStreamListener.java:215)
...
3 more
```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Adapters - HTTP

Escalation ID: 117538

Fix ID: 206867, 233470

Severity: Normal

Type: NormalFix

Build: 5006, 5101

Adapters - JMS

InQuira ID: NFX7557

Title: Illegal state exceptions on the JMS Queue Adapters

Description: JMS Queue Adapter becomes unresponsive when remote Weblogic server is down. After weblogic server is up, JMS Queue Adapter is unable to reconnect. The disable/enable of JMS Queue Adapter does not make it reconnect to remote queues. The only way to resolve the issue is to stop/start Sterling Integrator 5.0.

Error Message:

```
[2009-10-22 17:42:22.16] ERROR 000000000000 GLOBAL_SCOPE
<JmsQueueAdapterServerImpl-ABL_JMS_Receive_ABL_DOM_OUT_SHIP_
CONFIRM_QUEUE-7634377>
JMS Linked Exception
java.rmi.NoSuchObjectException:
CORBA INV_OBJREF 1398080891 No; nested exception is:
org.omg.CORBA.INV_OBJREF:
vmcid: SUN minor code: 1403 completed: No
at com.sun.corba.se.impl.javax.rmi.CORBA.Util.mapSystemException(
Util.java:191)
at javax.rmi.CORBA.Util.mapSystemException(Util.java:67)
at weblogic.jms.frontend._FEConnectionFactoryRemote_Stub.
connectionCreateRequest(
_FEConnectionFactoryRemote_Stub.java:106)
at weblogic.jms.client.JMSConnectionFactory.setupJMSConnection(
JMSConnectionFactory.java:238)
at weblogic.jms.client.JMSConnectionFactory.createConnectionInternal(
JMSConnectionFactory.java:299)
at weblogic.jms.client.JMSConnectionFactory.createQueueConnection(
JMSConnectionFactory.java:179)
at com.servename.services.jms.JmsQueueAdapterServerImplWorker.
createConnection(
JmsQueueAdapterServerImplWorker.java:91)
at com.servename.services.jms.AbstractServerImpl.openSession(
AbstractServerImpl.java:233)
at com.servename.services.jms.AbstractServerImpl.doRetry(
AbstractServerImpl.java:937)
at com.servename.services.jms.AbstractServerImpl.access$000(
AbstractServerImpl.java:71)
at com.servename.services.jms.AbstractServerImpl$1.run(
AbstractServerImpl.java:899)
Caused by: org.omg.CORBA.INV_OBJREF: vmcid:
SUN minor code: 1403 completed: No
at com.sun.corba.se.impl.logging.UtilSystemException.
objectNotExported(
UtilSystemException.java:507)
at com.sun.corba.se.impl.logging.UtilSystemException.
objectNotExported(
UtilSystemException.java:530)
at com.sun.corba.se.impl.util.Utility.autoConnect(
Utility.java:142)
at com.sun.corba.se.impl.javax.rmi.CORBA.Util.
writeAbstractObject(
Util.java:440)
at javax.rmi.CORBA.Util.writeAbstractObject(Util.java:131)
at com.sun.corba.se.impl.io.IIOPOutputStream.
writeObjectOverride(
IIOPOutputStream.java:138)
at java.io.ObjectOutputStream.writeObject(
ObjectOutputStream.java:298)
```

```

at weblogic.messaging.dispatcher.DispatcherWrapper.
writeExternal(
  DispatcherWrapper.java:146)
at weblogic.jms.frontend.FEConnectionCreateRequest.
writeExternal(
  FEConnectionCreateRequest.java:94)
at com.sun.corba.se.impl.io.IIOPOutputStream.outputObject(
  IIOPOutputStream.java:539)
at com.sun.corba.se.impl.io.IIOPOutputStream.simpleWriteObject(
  IIOPOutputStream.java:159)
at com.sun.corba.se.impl.io.ValueHandlerImpl.writeValueInternal(
  ValueHandlerImpl.java:222)
at com.sun.corba.se.impl.io.ValueHandlerImpl.writeValueWithVersion(
  ValueHandlerImpl.java:204)
at com.sun.corba.se.impl.io.ValueHandlerImpl.writeValue(
  ValueHandlerImpl.java:144)
at com.sun.corba.se.impl.encoding.CDROutputStream_1_0.
writeRMIIOPValueType(
  CDROutputStream_1_0.java:801)
at com.sun.corba.se.impl.encoding.CDROutputStream_1_0.
write_value(
  CDROutputStream_1_0.java:850)
at com.sun.corba.se.impl.encoding.CDROutputStream_1_0.
write_value(
  CDROutputStream_1_0.java:864)
at com.sun.corba.se.impl.encoding.CDROutputStream_1_0.
write_value(
  CDROutputStream_1_0.java:659)
at com.sun.corba.se.impl.encoding.CDROutputStream.write_
value(
  CDROutputStream.java:232)
at weblogic.jms.frontend._FEConnectionFactoryRemote_Stub.
connectionCreateRequest(
  _FEConnectionFactoryRemote_Stub.java:90)
... 8 more
[2009-10-22 17:42:22.16] ERROR 000000000000 GLOBAL_SCOPE
<JmsQueueAdapterServerImpl-ABL_JMS_Receive_ABL_DOM_OUT_SHIP_
CONFIRM_QUEUE-7634377>
Retry limit reached - manual intervention is required

```

Resolution: Please install weblogic.jar using install3rdParty. Do not use thin jars wcclient.jar and wljmsclient.jar. The fix works in Sterling Integrator 5.0 with weblogic.jar.

Apply Sterling B2B Integrator Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator Release 5.1 Build 5101 or later.

Functional Area: Adapters - JMS

Escalation ID: 00106421

Fix ID: 206915, 233472

Severity: Critical

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9501

Title: JMS adapter can hang when trying to connect to a TIBCO system that is down.

Description: When the TIBCO system is down, the JMS adapter can hang trying to open a connection. It does not return the thread or throw an error message. It just hangs waiting for the connection.

Error Message: There is no error message, but the thread is not released. This can lead to all threads stuck waiting on the TIBCO system.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

This will allow the JMS adapter to fail with an error message after it fails to make the connection.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Adapters - JMS

Escalation ID: 00150696

Fix ID: 215480, 215481, 233586

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX8919

Title: Unable to enter an @ in the URL for a JMS Adapter configuration in the Sterling Integrator UI

Description: The format of the URL to connect the JMS Adapter to the webMethods JMS Broker includes an @.

For example : w snameing://broker@XX X.XX.XX.XXX:6849/JmsAdminTest

However Sterling Integrator user interface not accepting the @ as a valid character for the URL.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Adapters - JMS

Escalation ID: 173065

Fix ID: 220366, 233658

Severity: Normal

Type: NormalFix

Build: 5006, 5101

Adapters - LWJDBC

InQuira ID: NFX10257

Title: Error "java.lang.IndexOutOfBoundsException: Index: 2, Size: 1" is raised when using a stored procedure via lwjdbbc

Description: After patch installation the error "java.lang.IndexOutOfBoundsException: Index: 2, Size: 1" is raised when using a stored procedure via lwjdbbc

Error Message:

```
[2010-11-09 17:06:29.858] ERROR 000110070158
WORKFLOW.ACTIVITY_ENGINE.ERR_ActivityEngineHelper_invokeService21
ActivityEngineHelper.invokeService() caught exception while attempting
to execute service LightweightJDBCAdapterQuery
[2010-11-09
17:06:29.858] ERROR 000000000000 GLOBAL_SCOPE [1289311589858] Index:
2, Size: 1
[2010-11-09 17:06:29.859] ERRORDTL
000000000000 GLOBAL_SCOPE [1289311589858] java.lang.IndexOutOfBoundsException:
Index: 2, Size: 1
at java.util.ArrayList.add(ArrayList.java:394)
at com.servename.util.frame.jdbc.QueryParms.addParm(QueryParms.java:55)
at com.servename.services.jdbc.lightweight.LightweightJdbcAdapterImpl.processData(
LightweightJdbcAdapterImpl.java:413)
at com.servename.workflow.activity.engine.ActivityEngineHelper.invokeService(
ActivityEngineHelper.java:1734)
at com.servename.workflow.activity.engine.ActivityEngineHelper.nextMainLogic(
ActivityEngineHelper.java:591)
at com.servename.workflow.activity.engine.ActivityEngineHelper.next(
ActivityEngineHelper.java:344)
at com.servename.workflow.queue.WorkFlowQueueListener.doWork(
WorkFlowQueueListener.java:324)
at com.servename.workflow.queue.WorkFlowQueueListener.run(
WorkFlowQueueListener.java:202)
at com.servename.workflow.queue.WorkFlowQueueListener.onMessage(
WorkFlowQueueListener.java:163)
at com.servename.workflow.queue.WorkFlowQueueListener.onMessage(
WorkFlowQueueListener.java:150)
at com.servename.workflow.queue.wfTransporter.run(
wfTransporter.java:355)
at com.servename.workflow.queue.BasicExecutor$Worker.run(
BasicExecutor.java:496)
at java.lang.Thread.run(Thread.java:811)
```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5007 or later.

Apply Gentran Integration Suite, Release 5101 or later.

Functional Area: Adapters - LWJDBC

Escalation ID: 0243108

Fix ID: 235870, 235872

Severity: Normal

Type: Normal Fix

Build: 5007, 5101

Adapters - MSMQ

InQuira ID: NFX5463

Title: Data Loss During MSMQ Failover

Description: When a node on a clustered system suddenly ceases operation (either through manual action or system error), any MSMQ messages that were in the process of being retrieved by the failed node may be lost. The file is pulled from the MSMQ server but it never reaches ActiveMQ and a BP is never bootstrapped. The data is lost.

Error Message: No error messages presented. Data is lost.

Resolution:

Please upgrade to Gentran Integration Suite, Release 4.3 Build 4324 or later.

Please upgrade to Sterling B2B Integrator Version 5.0, build 5006 or later.

Apply Sterling B2B Integrator Release 5.1 Build 5101 or later.

Functional Area: Adapters - MSMQ

Escalation ID: 00025870

Fix ID: 211155, 183087, 233543

Severity: Critical

Type: NormalFix

Build: 5006, 4324, 5101

Adapters - Odette FTP

InQuira ID: NFX9271

Title: Odette FTP physical partner configuration shows mailbox user and extractability type as required

Description: While configuring Odette FTP physical partner, it shows mailbox user and extractability type as required fields.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5101 or later.

Functional Area: Adapters - Odette FTP

Escalation ID: QC

Fix ID: 203922, 233393

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9400

Title: Not able to receive files from one of the Trading Partners without an inbound LPC in the PartnerProfile.xml file

Description:

1. Not able to receive files from one of the Trading Partners without an inbound LPC in the PartnerProfile.xml file because the following property is NOT functioning,

```
<AcceptSFIDsForNonLPC>
Yes
</AcceptSFIDsForNonLPC>
```

Note: Hence an Inbound LPC (LogicalPartnerContract) has to be added as a work around for this issue.

1. We asked customer to remove one of the Logical Partner (LP) as there were two partners having same identity. We asked the customer to make the OFTP ID unique. Customer had TP1 configuration which had two LPs with names LP_TP1_REMOTE and LP_TP1_REMOTE1 with same ID in their PartnerProfile.xml file.

```
<!-- START: TP1 CONFIGURATION Outbound -->
<LogicalPartner name="LP_TP1_REMOTE">
  <OdetteName> 00942000055607430890000IP </OdetteName>
<!-- SFID -->
  <ContactPerson> VCC EDI Helpdesk </ContactPerson>
</LogicalPartner>
<LogicalPartnerContract name="LPC_TP1">
  <OriginatorLogicalPartner>LP_SYNCREON_LOCAL</OriginatorLogicalPartner>
  <DestinationLogicalPartner>LP_TP1_REMOTE</DestinationLogicalPartner>
  <OutboundPhysicalPartnerContract>PPC_TP1</OutboundPhysicalPartnerContract>
  <SendEERP>A</SendEERP>
  <WaitForEERP>1440</WaitForEERP>
  <OFTPFileUserField/>
  <FileFormat>U</FileFormat>
  <RecordLength/>
  <CharEncoding>UTF-8</CharEncoding>
  <FileTransmitRetries>3</FileTransmitRetries>
  <DefaultOFTPVirtualFilename>Bilatera1OFTPVirtualFilename
</DefaultOFTPVirtualFilename>
</LogicalPartnerContract>
<!-- END: TP1 CONFIGURATION -->
<!-- START: TP1 CONFIGURATION Inbound -->
<!--Commented out this Logical partner
<!--<LogicalPartner name="LP_TP1_REMOTE1">
  <OdetteName>00942000055607430890000IP</OdetteName>
<!-- SFID -->
  <ContactPerson>VCC EDI Helpdesk</ContactPerson>
</LogicalPartner> -->
<LogicalPartnerContract name="LPC_TP11">
<!--<OriginatorLogicalPartner>LP_TP1_REMOTE1</OriginatorLogicalPartner> -->
  <OriginatorLogicalPartner>LP_TP1_REMOTE</OriginatorLogicalPartner>
  <DestinationLogicalPartner>LP_SYNCREON_LOCAL</DestinationLogicalPartner>
  <InboundPhysicalPartnerContract>PPC_TP1</InboundPhysicalPartnerContract>
  <SendEERP>A</SendEERP>
  <WaitForEERP>1440</WaitForEERP>
  <OFTPFileUserField/>
  <FileFormat>U</FileFormat>
  <RecordLength/>
<!-- RecordLength: only to use if FileFormat = F or V -->
  <CharEncoding>UTF-8</CharEncoding>
  <FileTransmitRetries>3</FileTransmitRetries>
```

```
<DefaultOFTPVirtualFilename>BilateralOFTPFilename
</DefaultOFTPVirtualFilename>
</LogicalPartnerContract>
<!-- END: TP1 CONFIGURATION -->
```

1. But there is a difference in the way another TP - TP2 is set up. In Car, the LogicalPartner is commented and OriginatorLogicalPartner is changed to 'LP_TP1_REMOTE' instead of 'LP_TP1_REMOTE1' as explained above. Where as in Truck these parameters still exists.
2. This is because of a logic error we have in our code in figuring out logical partner name on the basis of Odette ID. As there are two such logical partners so the present logic does not guarantee about which name will be returned. For TP2 it returns LP_TP2_REMOTE1 while for TP1 it returns LP_TP1_REMOTE.

The fix for this issue is to impose restriction that there can't be two logical partners with different name and same Odette ID.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Adapters - OFTP

Escalation ID: 111416

Fix ID: 204992, 208440, 233502

Severity: Critical

Type: NormalFix

Build: 4324 , 5006, 5101

InQuira ID: NFX9469

Title: OFTP Business Processes not being indexed, purged or archived. OFTP Documents have a 10 year lifespan

Description: OFTP documents that have been successfully transferred to trading partners are not being indexed and purged and remain within the system with a 10 year lifespan.

Database will grow over time due to documents not being purged.

Error Message: No error message but database will grow over time due to documents not being purged.

Resolution:

Apply Sterling B2B Integrator, Version 5.0 Build 5006 or later.

Apply Gentran Integration Suite, Version 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Version 5.1 Build 5101 or later.

Functional Area: Adapters - OFTP

Escalation ID: 56754

Fix ID: 204517, 226189, 233407

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9474

Title: OFTP sessions error in SI50. Wrong Protocol Data Unit. An Exchange Buffer contains an invalid command code

Description: Due to timeout issues between OFTP partners the error listed below can occur. The timeouts cause incomplete commands to be parsed and therefore the error occurs.

Error Message:

Wrong Protocol Data Unit for session 92625_0000 detected. Reason 01 Command is not recognized. An Exchange Buffer contains an invalid command code (1st octet of the buffer). Command Identifier is {3.EN_US}.

Resolution:

Apply Sterling B2B Integrator, Version 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Version 5.1 Build 5101 or later.

Functional Area: Adapters - OFTP

Escalation ID: 170433

Fix ID: 220923, 233664

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9770

Title: After applying fix from NFX3190 the same errors are reported in the OFTP log when trying to send documents

Description: Using Gentrans Integration Suite 4.3 or Sterling Integrator 5.0 after applying fix from NFX3190 the same error is reported in the OFTP log. The Business Process is halted and no other documents are sent.

Error Message:

The OFTP log is reporting


```
[2009-07-02 10:49:05.044] ERROR
000000000000 GLOBAL_SCOPE ei_oftp_internal_node1.outbound.340701_0000
(10:49:05:043) ProtocolEngineTask, method run(): A TransitionException
occurred: Document access failed
```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

When sending documents using OFTP a table entry is created for each document. If the document is removed before being sent an exception is recorded and the Business Process is halted. After applying NFX9770 documents that are no longer available are marked as failed and Business process status is failed if documents are skipped. The status report will contain details of failed entries.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Adapters - OFTP

Escalation ID: 35442

Fix ID: 204874, 192732, 233417

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX7935

Title: OFTP Exception on Version negotiation with SI5003

Description: SI5003

OFTP Exception on Version negotiation with SI5003 when there is a difference in Api level between the 2 partners

Error Message:

```
[2009-12-14 17:50:55.944]
ERROR 000000000000 GLOBAL_SCOPE OFTPSendFile.inbound.PPCSI50_55000_GIS43_45000.25
(17:50:53.851) The method "" of class "unknown" has
thrown the exception "com.servename.services.oftp.fsm.TransitionException".
The reason is : The Event getSSIDAUTH is not supported for OFTP
Version SSID.com.servename.services.oftp.fsm.TransitionException,
The Event getSSIDAUTH is not supported for OFTP Version SSID
at com.servename.services.oftp.fsm.event.dynamic.EventSSID.getSSIDAUTH(
EventSSID.java:473)
at com.servename.services.oftp.fsm.Predicate.checkPredicateSCST_P9(
Predicate.java:284)
at com.servename.services.oftp.fsm.transitions.TransitionSCST_A7
.switchTransition_v20(TransitionSCST_A7.java:143)
at com.servename.services.oftp.fsm.transitions.TransitionSCST_A7
.switchTransition(TransitionSCST_A7.java:227)
at com.servename.services.oftp.protocolEngine.ProtocolEngineTask
.run(ProtocolEngineTask.java:139)
at EDU.oswego.cs.dl.util.concurrent.PooledExecutor$Worker
.run(Unknown
Source)
at java.lang.Thread.run(Thread.java:595)
```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Adapters - OFTP

Escalation ID: 00123004

Fix ID: 210072, 233526

Severity: Normal

Type: NormalFix

Build: 5006, 5101

Adapters - Oracle E-Business Suite

InQuira ID: NFX7568

Title: OracleEBusinessMessageService not passing service config parameters to business process

Description: The following parameters even when configured in the service configuration of the Oracle Message Service, still needs to be configured in BPML

MESSAGE_STANDARD

MESSAGE_TYPE

TRANSPORT_PROTOCOL

TRANSPORT_PROTOCOL_VERSION

Error Message: Missing mandatory parameters.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Adapters - Oracle E-Business Suite

Escalation ID: 107751

Fix ID: 204967, 206553, 233463

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

Adapters - SAP

InQuira ID: NFX6984

Title: Gentran Integration Suite 4318 - External SAP Suite adapter on Windows is unable to send IDOCs to SAP.

Description: Whenever the external SAP Suite adapter is brought up and connected to Gentran Integration Suite, it shows up in the JNDI tree and startSAPsAliveChecker returns true, but Gentran Integration Suite is unable to send to SAP (SAP to Gentran Integration Suite works however). If the external adapter is restarted (i.e. WIndows sapcontroller.exe service is restarted), connectivity is restored temporarily, after which which the connection stops working again.

Error Message:

```
d1e2ae164f869a04:-484f9b7b:12361956463:-7fcd
[2009-08-28
15:19:33.24]
ALL 000000000000 GLOBAL_SCOPE ADAPTER_SAP_ALE_4X.LittleA.Start
Enter start SAP Adapter dispatcher for instance ADAPTER_SAP_ALE_4X.
[2009-08-28
15:19:33.303]
ALL 000000000000 GLOBAL_SCOPE ADAPTER_SAP_ALE_4X.LittleA.Start
(3:19:33:271) Load the SAP server properties.
[2009-08-28
15:19:33.303]
ALL 000000000000 GLOBAL_SCOPE ADAPTER_SAP_ALE_4X.LittleA.Start
(3:19:33:303) Load the SAP server properties.
[2009-08-28
15:19:33.396]
ALL 000000000000 GLOBAL_SCOPE ADAPTER_SAP_RFC_4X.LittleA.Start
(3:19:33:396) Enter start SAP Adapter dispatcher for
instance ADAPTER_SAP_RFC_4X.
[2009-08-28
15:19:33.396]
ALL 000000000000 GLOBAL_SCOPE ADAPTER_SAP_RFC_4X.LittleA.Start
(3:19:33:396) Load the SAP server properties.
[2009-08-28
15:19:33.396]
ALL 000000000000 GLOBAL_SCOPE ADAPTER_SAP_RFC_4X.LittleA.Start
(3:19:33:396) Load the SAP server properties.
[2009-08-28
15:19:33.396]
ALL 000000000000 GLOBAL_SCOPE ADAPTER_SAP_RFC_4X.LittleA.Start
(3:19:33:396) Debug: opening logging group.
[2009-08-28
15:19:34.006]
ALL 000000000000 GLOBAL_SCOPE SAP.Header.Version
(3:19:34:6) The version of SapSuiteAdapter 4.3_BR28197_185747 connected
to middlewar version 2.1.8 (2006-12-11).
[2009-08-28
15:19:34.006]
ALL 000000000000 GLOBAL_SCOPE ADAPTER_SAP_RFC_REGRESSION.LittleA.Start
(3:19:34:6) Enter start SAP Adapter dispatcher for instance
ADAPTER_SAP_RFC_REGRESSION.
[2009-08-28
15:19:34.021]
ALL 000000000000 GLOBAL_SCOPE ADAPTER_SAP_RFC_REGRESSION.LittleA.Start
(3:19:34:21) Load the SAP server properties.
[2009-08-28
15:19:34.021]
ALL 000000000000 GLOBAL_SCOPE ADAPTER_SAP_RFC_REGRESSION.LittleA.Start
(3:19:34:21) Load the SAP server properties.
[2009-08-28
15:19:34.021]
ALL 000000000000 GLOBAL_SCOPE ADAPTER_SAP_RFC_REGRESSION.LittleA.Start
(3:19:34:21) Debug: opening logging group.
[2009-08-28
15:19:34.146]
```

```

ALL 000000000000 GLOBAL_SCOPE ADAPTER_SAP_ALE_4X.LittleA.Start
(3:19:34:146) Delegate start of SAP Adapter to remote instance
ADAPTER_SAP_ALE_4X.
[2009-08-28 15:19:34.162]
ALL 000000000000 GLOBAL_SCOPE ADAPTER_SAP_ALE_4X.LittleA.Start
(3:19:34:162) An Exception occurred in com.srvname.services.
sapsuite.SapSuiteServerImpl.startupAdapter.
The reason is : java.rmi.NoSuchObjectException : no such object
in table. java.rmi.NoSuchObjectException:
no such object in table
at sun.rmi.transport.StreamRemoteCall.
exceptionReceivedFromServer(StreamRemoteCall.java:247)
at sun.rmi.transport.StreamRemoteCall.executeCall(StreamRemoteCall.java:223)
at sun.rmi.server.UnicastRef.invoke(UnicastRef.java:126)
at java.rmi.server.RemoteObjectInvocationHandler.
invokeRemoteMethod(RemoteObjectInvocationHandler.java:179)
at java.rmi.server.RemoteObjectInvocationHandler.
invoke(RemoteObjectInvocationHandler.java:132)
at $Proxy1.startAdapter(Unknown Source)
at com.srvname.services.sapsuite.SapSuiteServerImpl.
startupAdapter(SapSuiteServerImpl.java:304)
at com.srvname.services.IAdapterImpl.startAdapter(IAdapterImpl.java:168)
at com.srvname.services.controller.StartAdapterThread.
run(StartAdapterThread.java:69)
at java.lang.Thread.run(Thread.java:595)
[2009-08-28
16:17:49.262] ALL 000000000000 GLOBAL_SCOPE ADAPTER_SAP_ALE
_4X.SapFlow.4869059_0002
(4:17:48:950) Set the advStatus : AdapterError report :
An Exception
occurred in SapSuite.processData. The reason is : Software caused connection
abort: socket write error.
[2009-08-28 16:17:49.262]
ALL 000000000000 GLOBAL_SCOPE ADAPTER_SAP_ALE_4X.SapFlow.4869059_0002
(4:17:48:950) An Exception occurred in com.srvname.services.
sapsuite.SapSuiteImpl.processData.
The reason is : java.net.SocketException : Software caused connection
abort: socket write error.java.net.SocketException:
Software caused connection abort: socket write error
at java.net.SocketOutputStream.socketWrite0(Native Method)
at java.net.SocketOutputStream.socketWrite(So

```

Resolution:

Apply Gentrant Integration Suite, Release 4.3 Build 4324

Apply Sterling B2B Integrator, Release 5.0 Build 5006

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Adapters - SAP

Escalation ID: 79091

Fix ID: 206362, 206363, 233458

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX7670

Title: SAP attributes placed in the customer_overrides.properties file are disregarded

Description: According to Sterling Integrator documentation SAP attributes can be added to the customer override properties file. However startSAPController.sh specifically only obtains these values from the sap.properties file.

Resolution:

For Gentran Integration Suite 4.3 apply patch 4324 or later.

For Sterling B2B Integrator 5.0 apply patch 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Adapters - SAP

Escalation ID: 00113919

Fix ID: 207840 205877, 233490

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

Adapters - SFTP

InQuira ID: NFX8121

Title: SFTP Clients are experiencing slowness and disconnects when connecting to Gentran Integration Suite SFTP Server

Description: Problem reported using Gentran Integration Suite 4.3 Build 4318. The problem can also occur when using Sterling Integrator 5.0. SFTP Clients are experiencing slowness when connecting to Gentran Integration Suite SFTP Server. Over 20,000 mailboxes are defined in Gentran Integration Suite. All SFTP Clients point to the same virtual root. Access to mailboxes is controlled with Permissions.

Error Message:

Time outs and disconnects are reported by the SFTP Clients.

In the Gentran Integration Suite SFTP server log are thousands of lines reporting:

```
-GLOBAL_SCOPE ListProvider.getSftpFiles(Mbx[],S)  
User [XXXXXXXX] can not access mailbox [/XXX/NNNNNNNNNN].
```

In the above message /XXX is the virtual root. The same value is reported in all messages.

The SFTP server log shows 10 minutes elapsed between first log message and last log message during an SFTP Client log in.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Adapters - SFTP

Escalation ID: 00102820

Fix ID: 206710, 206709, 233469

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX7121

Title: Extractable count decrementing with partial download (SFTP)

Description: For count-based extraction policies, the SFTP Server Adapter decrement extractable count even if the file download is not completed.

Error Message: None.

Resolution:

Apply Gentran Integration Suite 4.3 Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator Release 5.1 Build 5101 or later.

Functional Area: Adapters - SFTP

Escalation ID: 00078775

Fix ID: 204380, 200260, 233404

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9735

Title: SFTP server information is displayed

Description: SFTP server information is displayed in the welcome banner message.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5006 or later.

ApplySterling B2B Integrator Release 5.1, Build 5101 or later.

Functional Area: Adapters - SFTP

Escalation ID: QC

Fix ID: 210663, 210653, 233536

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX9431

Title: SSH Remote Profile does not allow password to have more than 15 characters

Description: SSH Remote Profile does not allow password of length more than 15. Because of this It is not possible to use remote profiles if the password is more than 15 characters. All the characters above 15 will be truncated.

Error Message: Begin Session Service fails with Access denied error as the password sent to the server will be incorrect.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Adapters - SFTP

Escalation ID: 138586,

Fix ID: 220434, 215306, 233659

Severity: Critical

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX9445

Title: Improvements to reporting from SFTP services.

Description: Improvements to reporting from SFTP services for both Gentran Integration Suite 4.3 and Sterling Integrator 5.0.

Currently the SFTP client service does not provide thorough output from the operation. When a file has been transmitted successfully, the SFTP client Put Service generates output of 0-OK, instead of detailed information about the file transfer.

If there is an issue with the transmission of a file, a Trading Partner wants to see something that proves Gentran Integration Suite transferred the file, including the file name and number of bytes, and the success or failure of the transfer. Currently the SFTP services do not generate the detail that gives customer ability to proof a file was transferred.

Error Message: No errors

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Example of the New Put Status Report:

```
Successfully resumed waiting business process.  
FILE NAME : = [COREFTP.LOG]  
FILE SIZE : = [5883 Bytes]  
ServiceStartTime =[2009-11-26 17:03:22.287]  
ServiceEndTime = [2009-11-26 17:03:22.68]  
Transferred the file COREFTP.LOG of size 5883 Bytes in 0.393 Seconds  
SessionToken=[SFTPClientAdapter_SFTPClientAdapter_node1_  
12592352018741001:9563]
```

Functional Area: Adapters - SFTP

Escalation ID: 74352

Fix ID: 215742, 198672, 233589

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9074

Title: Upload of the file fails with SFTP Client if file is partially uploaded before on Gentran Integration Suite SFTP Server and resume of the file

Description: If the partially uploaded file is re-uploaded with resume option, the upload fails. The Resume option transfers the file from the point it left off in last transfer.

Error Message:

```
sftpserver.log  
[2009-09-25 14:21:32.13]  
ALL 000000000000 GLOBAL_SCOPE AUDIT:  
User [admin] authenticated via password.  
[2009-09-25 14:23:39.506]  
ALL 000000000000 GLOBAL_SCOPE AUDIT:  
User [admin] is opening file [/testbox/logs  
2009-09-18 (part 2).zip.filepart] for transfer.  
[2009-09-25 14:24:34.736]  
ALL 000000000000 GLOBAL_SCOPE AUDIT: User [admin]  
is opening file [/testbox/logs 2009-09-18 (part 2).zip.filepart]  
for transfer.
```



```
[2009-09-25 14:24:34.855] ERROR
000000000000 GLOBAL_SCOPE An exception occurred in writeFile.
java.io.IOException:
seek 4399050 not supported with cursor 0.
at com.servename.services.sftpserver.server.DocumentOutputStreamWrapper.
seek(DocumentOutputStreamWrapper.java:106)
at com.servename.services.sftpserver.server.MessageReaderWriterBase.
writeBinary(MessageReaderWriterBase.java:107)
at com.servename.services.sftpserver.server.MessageOperation.
writeBinary(MessageOperation.java:334)
at com.servename.services.sftpserver.server.MessageProvider.
write(MessageProvider.java:136)
at com.servename.services.sftpserver.server.MailboxSystemProvider.
writeFile(MailboxSystemProvider.java:659)
at com.maverick.sshd.SftpSubsystem$_A.run(Unknown Source)
at com.maverick.sshd.SftpSubsystem$_S.A(Unknown Source)
at com.maverick.sshd.SftpSubsystem.onMessageReceived(Unknown Source)
at com.maverick.sshd.Subsystem.processMessage(Unknown Source)
at com.maverick.sshd.SessionChannel.onChannelData(Unknown Source)
at com.maverick.sshd.Channel.A(Unknown Source)
at com.maverick.sshd.ConnectionProtocol.I(Unknown Source)
at com.maverick.sshd.ConnectionProtocol.processMessage(Unknown Source)
at com.maverick.sshd.TransportProtocol.A(Unknown Source)
at com.maverick.sshd.TransportProtocol.M(Unknown Source)
at com.maverick.sshd.TransportProtocol.processReadEvent(Unknown Source)
at com.maverick.sshd.SshDaemon$_C.A(Unknown Source)
at com.maverick.sshd.L.run(Unknown Source)
```

Resolution: Idle Connection timeout parameter is implemented in SFTP Server Adapter.

The fix implement the functionality to function as below:

1. SFTP Client upload file partially. Network connection drops
2. SFTP Server Adapter after Idle Connection timeout elapses recognize connection is idle
3. SFTP Server Adapter closes the file. Close the connection
4. Gentran Integration Suite know the file transfer occurred partially before as partially transferred file now would exist in mailbox.
5. When client reupload the same file, resume option will be presented at client.
6. Client initiate resume and resume of file transfer begins where it left off.

Idle connection timeout parameter is in SFTP Server Adapter configuration. It is not a property in property files.

Apply Gentran Integration Suite 4.2 Build 4223 or later.

Apply Sterling B2B Integrator Release 5.0 Build 5006 or later.

Apply Gentran Integration Suite 4.3 Build 4324 or later.

Apply Sterling B2B Integrator Release 5.1 Build 5101 or later.

Functional Area: Adapters - SFTP

Escalation ID: 100840

Fix ID: 213378, 203090, 213370, 233563

Severity: Normal

Type: NormalFix

Build: 5006, 4223, 4324, 5101

InQuira ID: NFX3150

Title: SFTP Server Adapter - connections stay in CLOSE_WAIT state - Client connections will hang

Description: SFTP Server adapter has multiple connections that will stay in the CLOSE_WAIT state which will tie up any possible incoming requests and the only way they have to clear this up is by bouncing the server adapter.

Client sessions will hang.

Root cause is that SFTP debug jar is being utilized due to order within dynamicclasspath.cfg of Maverick jars. Workaround is to place Maverick SSH jar to be last jar out of the three Maverick SSH jars and restart Gentran Integration Suite.

Error Message:

```
[2008-04-24
03:22:19.134] ALL <Dispatcher>
000000000000 GLOBAL_SCOPE PhysicalConnectionManager:
active connections: 109
[2008-04-24 07:32:28.162]
ERROR [TransportProtocol]
An error occurred whilst trying to read
java.io.IOException:
CONNECTION_RESET
at com.sterlingcommerce.perimeter.api.nio.PsSocketChannel.
read(PsSocketChannel.java(Compiled
Code))
at com.sterlingcommerce.perimeter.api.nio.PsSocketChannel.
read(PsSocketChannel.java(Compiled
Code))
at com.maverick.sshd.TransportProtocol.A(Unknown
Source)
at com.maverick.sshd.TransportProtocol.processReadEvent(Unknown
Source) at com.maverick.sshd.SshDaemon$.C.A(Unknown
Source) at com.maverick.sshd.L.run(Unknown
Source)
```

Resolution:

Apply Sterling B2B Integrator, Version 5.0 Build 5006 or later.

Apply Gentran Integration Suite, Version 4.3 Build 4324 or later.

Workaround:

Root cause is that SFTP debug jar is being utilized due to order within dynamicclasspath.cfg of Maverick jars. Workaround is to place Maverick SSH jar to be last jar out of the three Maverick SSH jars and restart Gentran Integration Suite. An alternative workaround is to correct reverse DNS on Gentran Integration Suite server. The debug Maverick jar makes a reverse DNS call on the client IP address and when reverse DNS is not functioning it causes this backup of client connections. Thread dumps will show reverse dns calls in hung state.

Apply Sterling B2B Integrator, Version 5.1 Build 5101 or later.

Functional Area: Adapters - SFTP

Escalation ID: 126288

Fix ID: 219318, 208246, 233643

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX6224

Title: When acting as an SFTP client and the SFTP server contains 700+ files the SFTP Client List service fails

Description: Gentran Integration Suite or Sterling Integrator is acting as an SFTP Client using the SFTP LIST Service. The SFTP Client LIST Service runs for about five to six seconds and then returns the error - Invalid message length in SFTP protocol [1744830464] [Unknown cause]. The problem only occurs if there are over 700 messages on the SFTP server.

Error Message:

The SFTP Client log reports an exception.

```
[2009-06-02
14:08:55.433] DEBUG 000000000000 GLOBAL_SCOPE Client.list(LR) request
parameters:
<SFTPClientAdapter>null</SFTPClientAdapter>
<SessionToken>SFTPClientAdapter_SFTPClientAdapter_node1_
12439697341511232:633366</SessionToken>
<WorkflowContextId><machine_name>:121935f0167:1103137
</WorkflowContextId>
<ResponseTimeout>30</ResponseTimeout>
<RemoteFileName>*</RemoteFileName>
[2009-06-02
14:09:05.44] ERROR servername.dl.util.concurrent.TimeoutException
at servername.dl.util.concurrent.FutureResult.timedGet(
FutureResult.java:128)
at com.servername.services.sftpclient.services.Response.
waitForResults(Response.java:107)
at com.servername.services.sftpclient.client.Client.list(
Client.java:404)
at com.servername.services.sftpclient.AdapterImpl.list(
AdapterImpl.java:201)
at sun.reflect.GeneratedMethodAccessor203.invoke(
Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(
DelegatingMethodAccessorImpl.java:25)
at java.lang.reflect.Method.invoke(Method.java:585)
at sun.rmi.server.UnicastServerRef.dispatch(
UnicastServerRef.java:294)
at sun.rmi.transport.Transport$1.run(Transport.java:153)
at java.security.AccessController.doPrivileged(
Native Method)
at sun.rmi.transport.Transport.serviceCall(
Transport.java:149)
at sun.rmi.transport.tcp.TCPTransport.handleMessages(
TCPTransport.java:466)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(
TCPTransport.java:707)
at java.lang.Thread.run(Thread.java:595)
[2009-06-02
14:09:05.441] DEBUG 000000000000 GLOBAL_SCOPE Client.
list(LR) exiting.
[2009-06-02
14:09:05.511] DEBUG 000000000000 GLOBAL_SCOPE ListService.
processData()
- Un-registered thread with Ops. [2009-06-02
14:09:05.512] DEBUG 000000000000 GLOBAL_SCOPE ListService.
processData()
- Exiting ...
[2009-06-02 14:09:08.889] ERROR
```

```
000000000000 GLOBAL_SCOPE Session.failedSequence(S,R)
Invalid message
length in SFTP protocol [1744830464] [Unknown cause]
```

Resolution: The client version (J2SSH) of Maverick jars were upgraded from version 1.4.14 to version 1.4.16. The server version (SSHD) of Maverick jars remain the same as previous patch i.e. version 1.4.17.

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Fix ID: 188684, 199294, 233279

Functional Area: Adapters - SFTP

Escalation ID: 25581

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

Inquire ID: NFX10115

Title: SFTP Client List service never completes when a RemoteFilename exists

Description: Using Gentran Integration Suite 4.3 and build 4320. This problem can also occur when using Sterling B2B Integrator release 5.0 and release 5.1. The SFTP Client List service never completes when a RemoteFilename exists. The SFTP Client List service does complete when a remote file name does not exist. This problem occurs when connecting to WinSSHD SFTP server. Time Out Exceptions are reported in SFTP client log.

Error Message:

The SFTP Client log reports an exception:

```
[2009-06-02 14:08:55.433] DEBUG 000000000000
GLOBAL_SCOPE Client.list(LR) request parameters:
<SFTPClientAdapter>null</SFTPClientAdapter>
<SessionToken>SFTPClientAdapter_SFTPClientAdapter_node1_
12439697341511232:633366</SessionToken>
<WorkflowContextId>m\lg0s22:node1:121935f0167:1103137
</WorkflowContextId>
<ResponseTimeout>30</ResponseTimeout>
<RemoteFileName>*</RemoteFileName>
[2009-06-02 14:09:05.44] ERROR EDU.oswego.cs.dl.util.
concurrent.TimeoutException
at servername.dl.util.concurrent.FutureResult.timedGet(
FutureResult.java:128)
at com.servername.services.sftpclient.services.Response.
waitForResults(Response.java:107)
at com.servername.services.sftpclient.client.Client.list(
Client.java:404)
at com.servername.services.sftpclient.AdapterImpl.list(
AdapterImpl.java:201)
at sun.reflect.GeneratedMethodAccessor203.invoke(
Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(
DelegatingMethodAccessorImpl.java:25)
at java.lang.reflect.Method.invoke(Method.java:585)
```

```
at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:294)
at sun.rmi.transport.Transport$1.run(Transport.java:153)
at java.security.AccessController.doPrivileged(Native Method)
at sun.rmi.transport.Transport.serviceCall(Transport.java:149)
at sun.rmi.transport.tcp.TCPTransport.handleMessages(
TCPTransport.java:466)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(
TCPTransport.java:707)
at java.lang.Thread.run(Thread.java:595)
[2009-06-02 14:09:05.441]
DEBUG 000000000000 GLOBAL_SCOPE Client.list(LR) exiting.
[2009-06-02 14:09:05.511]
DEBUG 000000000000 GLOBAL_SCOPE ListService.processData()
- Un-registered thread with Ops.
[2009-06-02 14:09:05.512]
DEBUG 000000000000 GLOBAL_SCOPE ListService.processData()
- Exiting ...
[2009-06-02 14:09:08.889]
ERROR 000000000000 GLOBAL_SCOPE Session.failedSequence(S,R) Invalid message
length in SFTP protocol [1744830464] [Unknown cause]
```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Adapters - SFTP

Escalation ID: 102562

Fix ID: 205850, 205858, 233451

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

Adapters - SMTP

InQuira ID: NFX7829

Title: Wrong error message is presented in Process Data for the SMTP Send Adapter

Description: When using the SMTP Send Adapter and the adapter is unable to connect to the SMTP Server, the wrong error message is presented in Process Data and the status report. The error message listed in Process Data and the Status Report is:

```
Name: SMTP_Send Instance
ID:299026 Service Name: SMTP_Send
com.servename.workflow.WorkFlowException:
Mail cannot be sent because of Exception.
java.rmi.ServerException:
RemoteException occurred in server thread; nested exception is:
java.rmi.RemoteException: B2BMailSMTPImpl,
mail cannot be sent because of Exception; nested exception is:
java.lang.Exception:
B2BMailServiceA, sendMessage Authentication Failure because of
Incorrect credentials or authorization
```

Error Message:

System.log file:

```
2009-09-15 13:42:41.02] DEBUG 000000000000
GLOBAL_SCOPE B2BMailServiceA, sendmail Message exception, Could
not connect to SMTP host: localhost, port: 25;
nested
exception is:
java.net.ConnectException:
A remote host refused an attempted connect operation.
[2009-09-15
13:42:41.02] ERROR 000000000000 GLOBAL_SCOPE B2BMailServiceA, sendmail
exception sending mail
java.lang.Exception:
B2BMailServiceA, sendMessage Authentication Failure because of Incorrect
credentials or authorization
at com.servename.services.b2bsmtp.B2BMailServiceA.sendmail(
B2BMailServiceA.java:318)
at com.servename.services.b2bsmtp.B2BMailSMTPImpl.notifyNewDocument(
B2BMailSMTPImpl.java:233)
at sun.reflect.NativeMethodAccessorImpl.invoke0(NativeMethod)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.
java:79)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(
DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:618)
at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:309)
at sun.rmi.transport.Transport$1.run(Transport.java:168)
at java.security.AccessController.doPrivileged(AccessController.java:279)
at sun.rmi.transport.Transport.serviceCall(Transport.java:164)
at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:506)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.handleRequest(
TCPTransport.java:838)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(
TCPTransport.java:912)
at java.lang.Thread.run(Thread.java:810)
```

The error message "Authentication Failure because of Incorrect credentials or authorization" is a direct result of the "A remote host refused an attempted connect operation." error message that is not being logged as an ERROR message.

Resolution:

```
GLOBAL_SCOPE
B2BMailServiceA, sendmail Message exception, Could not connect to
SMTP host: localhost, port: 25;
nested exception
is:
java.net.ConnectException: A remote
host refused an attempted connect operation .
```

is now logged as an ERROR message so that it can be properly passed back to Process Data and the Status Report.

Apply Gentran Integration Suite, Release 4.3 build 4322 or later..

Apply Sterling B2B Integrator Release 5.0 build 5006 or later..

Apply Sterling B2B Integrator, Release 5.1 build 5101 or later..

Functional Area: Adapters - SMTP

Escalation ID: 82490

Fix ID: 200640, 202142, 233343

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

Administrator User Interface (UI)

InQuira ID: NFX7631

Title: Translation service in the map uses previous version of the map.

Description: If a new version of a map is checked into Gentran Integration Suite, the translation service uses the older version of the map until Gentran Integration Suite is restarted. This problem is experienced on the 4317 build, but was reported to work the same on all 4.3 builds up to 4317.

This issue also exists in Sterling Integrator 5.0 version.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Admin UI

Escalation ID: 106089

Fix ID: 205744, 206227, 233455

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX6625

Title: Database usage image and Cache Usage image do not appear

Description: In Dashboard user interface, Database Usage and Cache Usage images are not displayed in the Operator tab.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Admin UI

Escalation ID: 00071323

Fix ID: 193837, 233254

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX6465

Title: Mailbox message sort order not retained after editing a message

Description: Select a mailbox.Sort the list of message in some order for example descending order.Once we edit the message and return to the list of the messages the sort order is lost.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4320 or later.

Apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Admin UI

Escalation ID: 47040

Fix ID: 190604, 189213, 190608 233246

Severity: Normal

Type: NormalFix

Build: 4320, 4221, 5006, 5101

InQuira ID: NFX6692

Title: OOM issued during processing in a cluster environment when the BP Execution Window is open and the BP has ~1000+ steps

Description: When BP Execution window(s) are left open and the BP has approximately 1000 or more steps, the JVM will process for a long period of time under heavy load and never recapture much of the heap space leading to an Out of Memory error. Garbage collection shows a steady decline in heap space. There is an excessive amount of GC as well. Gentran Integration Suite logging, processing and everything else will stop functioning. The only way to recover is to restart the node.

Additional symptoms:

Pop-up execution window will crash. When manually starting a business process with many steps and leaving the pop-up execution window open, the pop-up window will eventually generate error:

Processing error has occurred. Please contact system administrator and check system logs for more details.

Error Message:

```
***WARNING***
Java heap is almost exhausted: 13% free Java heap
Free Java heap size: 275,752,200 bytes
Allocated Java heap size: 2,039,480,320 bytes
There were 28 waiting threads on this blocked process.
Blocking process:
RMI TCP Connection(47882)- Owns Monitor Lock on
com/servername/ceuinterop/impl/session/CEUSessionManager@659C5B78/659C5B84
at java/net/SocketInputStream.socketRead0(NativeMethod)
at java/net/SocketInputStream.read(SocketInputStream.java:155(CompiledCode))
at java/io/DataInputStream.readFully(DataInputStream.java:202(CompiledCode))
at java/io/DataInputStream.readFully(DataInputStream.java:178(CompiledCode))
at com/sterlingcommerce/ceu/sips/SipsMessage.unpackChars(SipsMessage.java:136(CompiledCode))
at com/sterlingcommerce/ceu/sips/GotRSDMessage.loadBytes(GotRSDMessage.java:2391(CompiledCode))
```

Additional error from pop-up execution window :

Processing error has occurred. Please contact system administrator and check system logs for more details.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

After the patch is applied, users will not see all steps for a business process that has large number of steps only the last ten steps are seen in the business process execution window in reverse order.

Functional Area: Admin UI

Escalation ID: 71118

Fix ID: 195325, 200914, 233313

Severity: Critical

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX9249

Title: JDBC Tracking is enabled after restarting Sterling Integrator

Description: JDBC Tracking (from the Administration menu, select Operations > JDBC Monitor) is enabled after restarting Sterling Integrator. It should be disabled by default.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Version 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Version 5.1 Build 5101 or later.

Functional Area: Admin UI

Escalation ID: 00076253

Fix ID: 201295, 233328

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9263

Title: Odette FTP Partner Profile pages do not have the name of the resource

Description: Odette FTP Partner Profile pages do not have the name of the resource as part of the header.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5101 or later.

Functional Area: Admin UI

Escalation ID: QC

Fix ID: 204652, 233410

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX8923

Title: Admin Audit report shows one event of a FG partner creation under fg_sysadmin and not the user's ID

Description: When creating a partner through the File Gateway UI, the events are captured on the Gentran Integration Suite admin audit report. For example: one of the events is showing up under the the ID fg_sysadmin and not the actual user's ID: TestUser.

Error Message: No errors.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Admin UI

Escalation ID: 175926

Fix ID: 220537, 220535, 233661

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9425

Title: Provide consistent behavior to record the user restarting a Business Process

Description: In a previous fix (NFX6688), the user that restarts a Business Process that is Halted is now recorded, however, this behavior was not consistent. If the user restarted the Business Process from the current Processes screen, the new behavior would be used. If they used the Advanced Search or Business Process Usage screen, then the original user would be maintained.

The user should be recorded uniformly, regardless of the path taken to restart the Business Process

Resolution:

For Sterling B2B Integrator Release 5.0, please apply Build 5006 or later to resolve this issue

For Gentran Integration Suite Release 4.3, please apply Build 4324 or later to resolve this issue

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Admin UI

Escalation ID: 00150742

Fix ID: 214906, 220032, 233579

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9336

Title: Advanced File Transfer Management login screen displays part of the background image towards the right side

Description: Advanced File Transfer Management login screen displays part of the background image towards the right side

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5101 or later.

Functional Area: Admin UI

Escalation ID: QC

Fix ID: 219139, 233642

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9398

Title: An error may appear in the logs when checking in a Map via the UI

Description: When the user checks in a Map from the User Interface, the below error may be logged in the ui.log file.

Please note that this does not interfere with the check-in of the Map.

Error Message:

```
[2009-10-01 08:16:18.31]
ERROR 000000000000 GLOBAL_SCOPE
[CheckInOutBase:checkout] EOFException(
java.net .SocketException: Broken pipe (errno:32)
at org.servername.http.BufferedOutputStream.bypassWrite(BufferedOutputStream.java:160)
at org.servername.http.BufferedOutputStream.write(BufferedOutputStream.java:128)
at org.servername.http.HttpOutputStream.write(HttpOutputStream.java:442)
at org.servername.http.HttpOutputStream.write(HttpOutputStream.java:434)
at org.servername.jetty.servlet.ServletOut.write(ServletOut.java:35)
at com.servername.adminui.servlet.CheckInOutBase.CheckOut(CheckInOutBase.java:222)
at com.servername.ui.servlet.GetMap.doPost(GetMap.java:204)
at com.servername.ui.servlet.ServletBase.doGet(ServletBase.java:153)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:740)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:853)
at org.servername.jetty.servlet.ServletHolder.handle(ServletHolder.java:358)
at org.servername.jetty.servlet.WebApplicationHandler$Chain.doFilter(WebApplicationHandler.java:342)
at com.servername.ui.dlso.DLSSOFilter.doFilter(DLSSOFilter.java:140)
at org.servername.jetty.servlet.WebApplicationHandler$Chain.doFilter(WebApplicationHandler.java:334)
at org.servername.jetty.servlet.WebApplicationHandler.dispatch(WebApplicationHandler.java:286)
at org.servername.jetty.servlet.ServletHandler.handle(ServletHandler.java:567)
at org.servername.http.HttpContext.handle(HttpContext.java:1807)
at org.servername.jetty.servlet.WebApplicationContext.handle(WebApplicationContext.java:525)
at org.servername.http.HttpContext.handle(HttpContext.java:1757)
at org.servername.http.HttpServer.service(HttpServer.java:879)
at org.servername.http.HttpConnection.service(HttpConnection.java:789)
```

```
at org.servename.http.HttpConnection.handleNext(HttpConnection.java:960)
at org.servename.http.HttpConnection.handle(HttpConnection.java:806)
at org.servename.http.SocketListener.handleConnection(SocketListener.java:218)
at org.servename.util.ThreadedServer.handle(ThreadedServer.java:331)
at org.servename.util.ThreadPool$PoolThread.run(ThreadPool.java:520)
```

Resolution:

For Sterling B2B Integrator Release 5.0, please apply Build 5006 or later to resolve this issue

For Gentrans Integration Suite Release 4.3, please apply Build 4324 or later to resolve this issue

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Admin UI

Escalation ID: 00096215

Fix ID: 203779, 202100, 233384

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9399

Title: Assigning the UI Logs permission does not allow the user to control the logging level

Description: When assigning the UI Logs permission to a user, it will allow them to reach the screen in the User Interface where the logs are listed, and it will allow them to view each individual log file.

However, this permission will not allow the user to change any of the logs to debug.

Resolution:

For Gentrans Integration Suite, Release 4.3, please apply Build 4324 or later to resolve this issue

For Sterling B2B Integrator Release 5.0, please apply Build 5006 or later to resolve this issue

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Admin UI

Escalation ID: 00103676

Fix ID: 205489, 203368, 233440

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9470

Title: First line of primary document is being removed when BP is run manually

Description: Content-Type: application/x-pkcs7-mime; smime-type=enveloped-data; name="smime.p7m"

This line is stripped from any file that is chosen as the primary document when you launch a BP manually from UI.

The Initiating_Context operation strips the first line and corrupts the primary document.

To Reproduce:

1. Create a document on your desktop with a first line of: Content-Type: application/x-pkcs7-mime; smime-type=enveloped-data; name="smime.p7m"
2. Initiate[®] any BP(Hello World for example) manually using BP Manager and input primary document with the document you created above.
3. Examine primary document in step 0 Initiating_Context and you will see that the first line is stripped.

Error Message: No error. Primary document becomes corrupt.

Resolution:

Apply Sterling B2B Integrator, Version 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Version 5.1 Build 5101 or later.

Functional Area: Admin UI

Escalation ID: 60593

Fix ID: 192908, 233252

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9496

Title: current processes comes up very slowly on Oracle database.

Description: In this case current processes was taking 4-5 minutes to come up. This only happens with Oracle databases.

Error Message: There is no error message, but the current Processes screen takes 4-5 minutes to come up.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Admin UI

Escalation ID: 00105500

Fix ID: 204260, 204261, 233401

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX6293

Title: The Central Search screen is slow to return results

Description: When using the Central Search screen to search for Business Process information, the results may take a very long time to be displayed.

Resolution:

For Gentran Integration Suite version 4.3, please apply Build 4322 or later to resolve this issue

For Sterling B2B Integrator 5.0, please apply Build 5006 or later to resolve this issue

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Admin UI

Escalation ID: 00056902

Fix ID: 208665, 209814, 233521

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

Advanced File Transfer

InQuira ID: NFX7901

Title: Deleting an Advanced File Transfer Partner profile while it is being updated generates an unclear error message

Description: While user1 was updating an Advanced File Transfer Partner Profile, user2 deleted the Advanced File Transfer Partner Profile. When user1 saves the updates, "An unknown failure occurred while processing the current action. Please contact your System Administrator." message is displayed with no indication as to the cause of the issue.

Error Message:

"An unknown failure occurred while processing the current action. Please contact your System Administrator."

Resolution:

Error message now states "Trading Partner <name> no longer exists."

Apply Gentran Integration Suite, Release 4.3 build 4322 or later..

Apply Sterling B2B Integrator, Release 5.0 build 5006 or later..

Apply Sterling B2B Integrator, Release 5.1 build 5101 or later

Functional Area: Advanced File Transfer

Escalation ID: 29478

Fix ID: 184711, 201019, 233318

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

Advanced File Transfer - Routing

InQuira ID: NFX6876

Title: Parameter TransportBP is missing for the FileGatewaySendMessage business process

Description: Problem reported using Gentran Integration Suite 4.3 Build 4317 with File Gateway 1.1. The problem can also occur when using Sterling Integrator 5.0 with File Gateway 2.0. An error is generated when attempting to route a message to a consumer, the delivery fails intermittently with the error:

Parameter TransportBP is missing for business process FileGatewaySendMessage . Deleting and recreating the consumer does not resolve the issue. A new consumer will need to be created and the one in question will need to be left in place.

Error Message:

File Gateway Log reports:

```
[2009-09-03 12:08:45.422]
DEBUG 000000000000 GLOBAL_SCOPE AFTPartnerInfo.getEntityExtensionsForPartner(...)
      - got entity extension for entityId=[-18e4ab21:1237e2a00e6:-66ea]
        with key=[DMIRROUTE_WILLCONSUME], value=[TRUE].
[2009-09-03 12:08:45.422]
```



```

DEBUG 000000000000 GLOBAL_SCOPE AFTPpartnerInfo.getEntityExtensionsForPartner(...)
- got entity extension for entityId=[-18e4ab21:1237e2a08e6:-66ea]
  with key=[AFTRROUTE_FTP_RENAME_FILE], value=[no].
[2009-09-03 12:08:45.438]
DEBUG 000000000000 GLOBAL_SCOPE DeliveryEngine.deliver(...)
- handling delivery with bpName=null
[2009-09-03 12:08:45.438]
DEBUG 000000000000 GLOBAL_SCOPE CustomBPInvoker.checkLicensesucceeded
  license check for bpName=null with state truefalsefalse
[2009-09-03 12:08:45.438]
DEBUG 000000000000 GLOBAL_SCOPE DeliveryEngine.executeBP(S,S,S,S,M)
- Entering with bpName=FileGatewaySendMessage, documentId=machine:node1:1237e2fba4e:757919,
  remoteFileName=xxxx_hr_09_03_2009_12_08_37.txt.pgp
[2009-09-03 12:08:45.454]
ERROR 000000000000 GLOBAL_SCOPE Delivery Failed
  com.servename.fg.exception.FileGatewayBusinessProcessException: Parameter
  TransportBP is missing for business process FileGatewaySendMessage.
  at com.servename.fg.exception.FileGatewayBusinessProcessException.newMissingBPParameter(FileGatewayBusinessProcessException.java:37)
  at com.servename.fg.router.transformers.CustomBPInvoker.addParameter(CustomBPInvoker.java:233)
  at com.servename.fg.router.delivery.DeliveryEngine.executeBP(DeliveryEngine.java:195)
  at com.servename.fg.router.delivery.DeliveryEngine.deliverWithBP(DeliveryEngine.java:105)
  at com.servename.fg.router.delivery.DeliveryEngine.deliver(DeliveryEngine.java:81)
  at com.servename.fg.router.Delivery.startDelivery(Delivery.java:167)
  at com.servename.fg.router.Route.startDelivery(Route.java:147)
  at com.servename.fg.router.ArrivedFile.startDelivery(ArrivedFile.java:186)
  at com.servename.fg.router.FileGatewayRouter.deliverMessage(FileGatewayRouter.java:213)
  at com.servename.fg.services.FileGatewayDeliveryService.primitiveProcessData(FileGatewayDeliveryService.java:74)
  at com.servename.fg.services.TransformingRouterService.processData(TransformingRouterService.java:64)
  at com.servename.workflow.activity.engine.ActivityEngineHelper.invokeService(ActivityEngineHelper.java:1765)
  at com.servename.workflow.activity.engine.ActivityEngineHelper.nextMainLogic(ActivityEngineHelper.java:639)
  at com.servename.workflow.activity.engine.ActivityEngineHelper.next(ActivityEngineHelper.java:367)
  at com.servename.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQueueListener.java:328)
  at com.servename.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueueListener.java:202)
  at com.servename.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:163)
  at com.servename.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:149)
  at com.servename.workflow.queue.wfTransporter.run(wfTransporter.java:331)
  at com.servename.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:496)
  at java.lang.Thread.run(Thread.java:595)
[2009-09-03 12:08:45.469]
DEBUG 000000000000 GLOBAL_SCOPE FileGatewayEventFactory.fireRouteEvent()
  created event Event: (Fg.Visibility.DeliveryFailed.0) - Abnormal
  TimeStamp = 1252004925469
  DataflowId = 2521
  PreviousState = Delivering
  ErrorMessage = Parameter TransportBP
  is missing for business process FileGatewaySendMessage.
  EventCode = FG_0457
  DeliveryKey = 20090903120804132950
[2009-09-03 12:08:45.469]
DEBUG 000000000000 GLOBAL_SCOPE FileGatewayEventListener.isHandled()
- isHandled called with eventId[Fg.Visibility.DeliveryFailed.0],
  schemaKey[Fg.Visibility.DeliveryFailed],

```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

After applying the fix, partner names will be limited to 100 characters.

There are two possible causes of this problem:

Until the fix is applied, the protocol not found error is generated when the partner name is greater than 23 characters. Until the fix can be applied, limit partner names to 23 characters or less.

Also ensure no white space or trailing blanks exist in the Receiving Protocol under Trading Partner > Advanced > Transports.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Advanced File Transfer - Routing

Escalation ID: 77276

Fix ID: 200390, 200603, 233302

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

Advanced File Transfer Migration

InQuira ID: NFX7484

Title: "Remote Password is required" error when creating or modifying a profile using Connect:Direct custom protocol

Description: Problem reported using Gentran Integration Suite 4.3 Build 4318 with File Gateway 1.1. The problem can also occur when using Sterling Integrator 5.0 with File Gateway 2.0.

When creating or modifying a partner profile that uses the Connect:Direct custom protocol, the following error is generated: Remote Password is required

Connect:Direct partners cannot be created or modified.

Error Message:

On the Partner Profile panel is displayed: Remote Password is required

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Advanced File Transfer Migration

Escalation ID: 106570

Fix ID: 205125, 204454, 233428

Severity: Critical

Type: NormalFix

Build: 5006, 4324, 5101

Alert Service

InQuira ID: NFX7553

Title: The Alert Service may take a long time to complete

Description: When executing the Alert Service, it can take an excessive amount of time to execute if there are many Alerts to be generated.

Resolution:

Apply, Release 5.0 Build 5006 or later to resolve this issue

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later to resolve this issue

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Alert Service

Escalation ID: 00102556

Fix ID: 209947, 205004, 233522

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX7918

Title: Alert Service Fails with business processes that have to many steps

Description: When a BP has over 6k steps the alert service (in the Alert BP) fails with [Message]: Failed to load workflow data for id: <WF_ID>.

Error Message:

```
[2009-12-15 10:32:08.33] ERRORDTL 000000000000
GLOBAL_SCOPE [1260891128330]java.sql.SQLException: ORA-01795: maximum
number of expressions in a list is 1000
at oracle.jdbc.driver.DatabaseError.throwSQLException(
DatabaseError.java:112)
at oracle.jdbc.driver.T4CTTIoer.processError(T4CTTIoer.java:331)
at oracle.jdbc.driver.T4CTTIoer.processError(T4CTTIoer.java:288)
at oracle.jdbc.driver.T4C8Oall.receive(T4C8Oall.java:745)
at oracle.jdbc.driver.T4CPreparedStatement.doOall8(
T4CPreparedStatement.java:219)
at oracle.jdbc.driver.T4CPreparedStatement.executeForDescribe(
T4CPreparedStatement.java:813)
at oracle.jdbc.driver.OracleStatement.executeMaybeDescribe(
OracleStatement.java:1050)
```

```
at oracle.jdbc.driver.T4CPreparedStatement.executeMaybeDescribe(
T4CPreparedStatement.java:854)
at oracle.jdbc.driver.OracleStatement.doExecuteWithTimeout(
OracleStatement.java:1155)
at oracle.jdbc.driver.OraclePreparedStatement.executeInternal(
OraclePreparedStatement.java:3371)
at oracle.jdbc.driver.OraclePreparedStatement.executeQuery(
OraclePreparedStatement.java:3416)
at com.servername.workflow.WorkFlow.readWFCs(WorkFlow.java:665)
at com.servername.alert.impl.ProcessLauncherAlerter.wfString(
ProcessLauncherAlerter.java:285)
at com.servername.alert.impl.ProcessLauncherAlerter.buildDocBody(
ProcessLauncherAlerter.java:235)
at com.servername.alert.impl.ProcessLauncherAlerter.report(
ProcessLauncherAlerter.java:148)
at com.servername.alert.impl.AlerterBase.alert(AlerterBase.java:202)
at com.servername.alert.MainAlerter.alert(MainAlerter.java:108)
at com.servername.services.alert.AlertService.processData(
AlertService.java:380)
at com.servername.workflow.activity.engine.ActivityEngineHelper.
invokeService(ActivityEngineHelper.java:1742)
at com.servername.workflow.activity.engine.ActivityEngineHelper.
nextMainLogic(ActivityEngineHelper.java:599)
at com.servername.workflow.activity.engine.ActivityEngineHelper.
next(ActivityEngineHelper.java:353)
at com.servername.workflow.queue.WorkFlowQueueListener.doWork(
WorkFlowQueueListener.java:324)
at com.servername.workflow.queue.WorkFlowQueueListener.run(
WorkFlowQueueListener.java:202)
at com.servername.workflow.queue.WorkFlowQueueListener.onMessage(
WorkFlowQueueListener.java:163)
at com.servername.workflow.queue.WorkFlowQueueListener.onMessage(
WorkFlowQueueListener.java:150)
at com.servername.workflow.queue.wfTransporter.run(
wfTransporter.java:355)
at com.servername.workflow.queue.BasicExecutor$Worker.run(
BasicExecutor.java:496)
at java.lang.Thread.run(Thread.java:811)
```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Alert Service

Escalation ID: 124455

Fix ID: 208394, 233501

Severity: Normal

Type: NormalFix

Build: 5006, 5101

Archiving

InQuira ID: NFX7291

Title: Error when cleaning restore area in Archive Manager

Description: When trying to use the clean option in the Operations> archive manager > Restore Manager db2 users get the following error.

Error Message:

```
ERROR 000000000000 GLOBAL_SCOPE Caught exception
in CleanArchiveTables.performClean
SQL Error
Code: -104
SQL State: 42601
com.ibm.db2.jdbc.app.DB2SQLException:
Token TRUNCATE was not valid. Valid tokens: ( END GET SET CALL DROP
FREE HOLD LOCK OPEN WITH ALTER.
at java.lang.Throwable.<init>(Throwable.java:196)
at java.lang.Exception.<init>(Exception.java:41)
at java.sql.SQLException.<init>(SQLException.java:40)
at com.ibm.db2.jdbc.app.DB2SQLException.<init>(DB2SQLException.java:47)
at com.ibm.db2.jdbc.app.DB2SQLException.createException
(DB2SQLException.java:119)
at com.ibm.db2.jdbc.app.DB2StatementRuntimeImpl.
SQLExecDirect(Native Method)
at com.ibm.db2.jdbc.app.DB2StatementRuntimeImpl.
execDirect(DB2StatementRuntimeImpl.java:174)
at com.ibm.db2.jdbc.app.DB2Statement.commonExecDirect
(DB2Statement.java:1112)
at com.ibm.db2.jdbc.app.DB2Statement.com monExecDirect
(DB2Statement.java:1174)
at com.ibm.db2.jdbc.app.DB2Statement.executeUpdate
(DB2Statement.java:1202)
at com.servername.db.MakeDb.executeSQLBase(MakeDb.java:1159)
at com.servername.db.MakeDb.executeSQL(MakeDb.java:1067)
at com.servername.db.MakeDb.runFile(MakeDb.java:895)
at com.servername.db.CleanArchiveTables.deleteData
(CleanArchiveTables.java:106)
at com.servername.db.CleanArchiveTables.truncateTables
(CleanArchiveTables.java:328)
at com.servername.db.CleanArchiveTables.
determineToDeleteOrTruncate(CleanArchiveTables.java:293)
at com.servername.db.CleanArchiveTables.performClean
(CleanArchiveTables.java:178)
at com.servername.woodstock.adminui.servlet.
RestoreServiceManager.doPost(RestoreServiceManager.java:172)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:733)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:848)
at org.servername.jetty.servlet.ServletHolder.handle(ServletHolder.java:330)
at org.servername.jetty.servlet.
WebApplicationHandler$Chain.doFilter(WebApplicationHandler.java:326)
at com.servername.woodstock.ui.dlso.DLSSOFilter.doFilter
(DLSSOFilter.java:68)
at org.servername.jetty.servlet.WebApplicationHandler$Chain.
doFilter(WebApplicationHandler.java:326)
at org.servername.jetty.servlet.WebApplicationHandler.
dispatch(WebApplicationHandler.java:188)
at org.servername.jetty.servlet.ServletHandler.
handle(ServletHandler.java:513)
at org.servername.http.HttpContext.handle(
HttpContext.java:1785)
at org.servername.jetty.servlet.WebApplicationContext.
handle(WebApplicationContext.java:521)
at org.servername.http.HttpContext.handle(
HttpContext.java:1686)
at org.servername.http.HttpServer.service(
HttpServer.java:844)
at org.servername.http.HttpConnection.service(
HttpConnection.java:787)
at org.servername.http.HttpConnection.handleNext(
HttpConnection.java:858)
at org.servername.http.HttpConnection.handle(
HttpConnection.java:805)
at org.servername.http.SocketListener.handleConnection(
SocketListener.java:195)
at org.servername.util.ThreadedServer.handle(
ThreadedServer.java:327)
at org.servername.util.ThreadPool$PoolThread.run(
ThreadPool.java:498)
```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Archiving

Escalation ID: 98179

Fix ID: 205001, 202364, 233424

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9517

Title: ARCHIVE_DATE is null for some entries in ARCHIVE_INFO after an index failure

Description: Some records go into ARCHIVE_FLAG=-5 after indexing fails for some reason .

When indexing runs next time it sets the ARCHIVE_FLAG=0 but sets the ARCHIVE_DATE=null for GROUP_ID=2 .

The GROUP_ID=2 record is not removed from the system.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Archiving

Escalation ID: 88558

Fix ID: 203675, 233382

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX8729

Title: Errors thrown in archive.log when restoring Business Processes from the Archive Manager

Description: When restoring a data set to the Restore area, many errors are written to the archive.log and system.log.

However, the restore is successful and Business Processes and Documents in the restore area are viewable.

Resolution:

For Sterling B2B Integrator, Release 5.0, please apply Build 5006 or later to resolve this issue

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Archiving

Escalation ID: 00157895

Fix ID: 217775, 233613

Severity: Normal

Type: NormalFix

Build: 5006, 5101

AS2

InQuira ID: NFX9432

Title: Date format settings changes does not reflect in AS2 UI.

Description: When we change the date format in customer_overrides properties the changes are not reflected in AS2 UI. AS2 organization configuration in Sterling Integrator 5.0 has a new function to enable to specify the valid date for Exchange/Signing certificate as 'Go Live Date' and 'Not After Date'.

The default date format for them is mm/dd/yyyy, but Japanese standard is yyyy/mm/dd. Normally we can change this format by a parameter in ui.properties like below:

```
ui.PlatformDateFormat.Date.SHORT=yyyy/MM/dd
```

However, the changes are not reflected in AS2 Organization screen or new Partner screen. In addition, if we click on the calendar icon, we get a pop-up error 'Invalid date format' However, Advanced Search -> Business Process displays the changed format.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: AS2

Escalation ID: 129809

Fix ID: 209726, 233520

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX7123

Title: MIC Value messages appearing in noapp.log

Description: The following message can appear in noapp.log with some regularity.

```
[2009-09-21 00:21:35.641]
ALL 000000000000 GLOBAL_SCOPE MIC value MIC Value Length: 20
00000001 8a 16 ba c1 92 1a a2 71 b4 5d c8 56 cd 3f 5d 5d
00000011 44 7e 8e 65
```

Error Message: No error results, and the message appears to be harmless.

Resolution:

Apply Sterling B2B Integrator Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator Release 5.1 Build 5101 or later.

Functional Area: AS2

Escalation ID: 00094858

Fix ID: 205463, 204709, 233436

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX6653

Title: Sterling B2B Integrator 5.0 AS2 Edition UI "File Tracking" page does not have the refresh option

Description: Sterling B2B Integrator 5.0 AS2 Edition UI "File Tracking" page does not have refresh option.

Error Message: N/A

Resolution:

Sterling B2B Integrator 5.0 AS2 Edition UI "File Tracking" page now has "Automatically refresh every 10 seconds" check box added.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: AS2

Escalation ID: 00071640

Fix ID: 195332, 233257

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX7721

Title: AS2 retries posting incorrect document

Description: AS2 in Synchronous mode with retries enabled

When a remote partner returns an invalid MDN for the first posting attempt, the EDIINTPipelineService fails and the BP goes into retry mode but during the next HTTP Post the primary document listed is the previous invalid MDN response instead of the outbound AS2 message

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: AS2

Escalation ID: 116930

Fix ID: 211281, 208655, 233547

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX6359

Title: EDIINT automated event notification format issues

Description: In the automated email notification, Identifier is displayed instead of Partner's Name. The Partner Name label should be changed to AS2 Identifier. B2b Contract ID, Filename, and Error Directory are displayed on the same line, which should be split into three lines.

Error Message: No error message.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Version 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Version 5.1 Build 5101 or later

Functional Area: AS2

Escalation ID: 75420

Fix ID: 199686, 233283

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX5780

Title: MailboxAS2Add process adds the MDN instead of the extracted AS2 message to the AS2 mailbox.

Description: When receiving an AS2 message and using mailboxing instead of file system storage, the MailboxAS2Add process will add the MDN to your mailbox instead of the actual AS2 message that was extracted by EDIINTPARSE.

Partner is defined to use a mailbox(not filesystem) and is set to " Wait For Synchronous MDN Process To Complete Before Extracting Data"

Error Message: no errors

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Workaround:

1. Go to your AS2 Trading Partner profile --> Next go to the Receipts page --> Deselect the "Wait For Synchronous MDN Process To Complete Before Extracting Data" option.
2. Restart the EDIINTPARSE process and the AS2 extracted message should now be in the mailbox.

or

Assign the primary document to a saved document at the beginning of the bp prior to NeedToBuildAndSendMDN then reassign that back to the Primary Document just before the MailboxAddService in MailboxAS2Add.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: AS2

Escalation ID: 00101219

Fix ID: 208558, 206361, 233506

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

Certificate

InQuira ID: NFX8281

Title: Certificate fields have incorrect values.

Description: When certificate obtained from certificate authority (e.g. Verisign) is imported as system certificate in Gentran Integration Suite, Gentran Integration Suite does not display CommonName, OrganizationUnit, Organization, Locality correctly in Subject area.

Error Message: none

Resolution:

Apply Sterling B2B Integrator Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator Release 5.1 Build 5101 or later.

Functional Area: Certificate

Escalation ID: 137435

Fix ID: 213441, 233565

Severity: Normal

Type: NormalFix

Build: 5006, 5101

Connect:Direct Interop

InQuira ID: NFX7327

Title: Connect:Direct Server Adapter is not disabled when the Perimeter Server it uses is disabled.

Description: Currently when Perimeter Server is disabled, all the associated adapters it uses are not disabled.

Fix to Connect:Direct Server Adapter:

When a member of group of Connect:Direct Server Adapter is requested to perform a service, if the perimeter services for this adapter is not available, then the workflow engine will be notified and it will search for the first available member of the group that is available and the associated perimeter server not disabled.

If the CDSA member is found, it will be used. If no member is found, the service request fails.

Whenever the associated perimeter server for CDSA is disabled, the CDSA instance will not show Disabled in Gentran Integration Suite UI. When an adapter shows 'Disabled' in the UI, it means that it is no longer running, and must be (re)started (and reinitialized) before it can respond to requests. With this fix, the adapter continues to be functional but ignores requests until the PS comes back online.

Error Message: None

Resolution:

Apply Gentran Integration Suite 4.2 Build 4222 or later..

Apply Sterling B2B Integrator 5.0 Build 5006 or later.

Apply Gentran Integration Suite 4.3 Build 4324 or later..

Apply Sterling B2B Integrator 5.1 Build 5101 or later.

Functional Area: Connect Direct Interop

Escalation ID: 00064553

Fix ID: 202935, 202940, 202936, 233363

Severity: Normal

Type: NormalFix

Build: 4222, 5006, 4324, 5101

InQuira ID: NFX8501

Title: String index out of range error when using Connect Direct copy from Business Process

Description: A remote C:D z/OS node (4702) is connecting to Gentran Integration Suite CD Server Adapter to copy a file from Gentran Integration Suite using a business process.

For example the source path is "/businessprocess/SFG_ROI_CollectFile/myfilename.txt"

The file is collected successfully but the following error is in the cdinterop.log:
java.lang.StringIndexOutOfBoundsException: String index out of range: 0

Error Message:

```
error in cdinterop.log:
java.lang.StringIndexOutOfBoundsException:
String index out of range: 0
at java.lang.String.charAt(String.java:444)
at com.servename.cdinterop.impl.serverImpl.copy.CopyHandler.
fireCommFileXferBeginEvent(CopyHandler.java:297)
at com.servename.cdinterop.impl.serverImpl.copy.CopyHandler.
beginningFileTransfer(CopyHandler.java:727)
at com.servename.cd.oemglue.GISFileSystem.fileXferBeginning(GISFileSystem.java:349)
at com.servename.cd.cdjava.ACdCopier.sendData(ACdCopier.java:836)
at com.servename.cd.cdjava.CdCopier.sendData(CdCopier.java:2368)
at com.servename.cd.cdjava.CdCopier.doSnodeCopy(CdCopier.java:793)
at com.servename.cd.cdjava.CdCopier.copySnode(CdCopier.java:346)
at com.servename.cd.cdjava.CdSnApi.handleFM71Copy(CdSnApi.java:1169)
at com.servename.cd.cdjava.CdSnApi.handleFM71(CdSnApi.java:845)
at com.servename.cd.cdjava.CdSnApi.handleSteps(CdSnApi.java:816)
at com.servename.cd.cdjava.CdSnApi.handleProcesses(CdSnApi.java:692)
at com.servename.cd.cdjava.CdSnApi.beSnode(CdSnApi.java:100)
at com.servename.cd.cdjava.CdSnApi.beSnode(CdSnApi.java:455)
at com.servename.cd.cdjava.CdSnApi.beSnode(CdSnApi.java:379)
at com.servename.cd.cdjava.CDApi.beSnode(CDApi.java:135)
at com.servename.cd.oemglue.SnodeSessionMediator.beTheNode(
SnodeSessionMediator.java:164)
at com.servename.cd.oemglue.SnodeSessionMediator.beTheNode(
SnodeSessionMediator.java:497)
at com.servename.cdinterop.impl.serverImpl.
CDServer.notify(CDServer.java:1230)
at com.servename.cdinterop.impl.serverImpl.
CDServerListener$Notifier.run(CDServerListener.java:212)
at java.lang.Thread.run(Thread.java:534)
```

Resolution:

Apply Gentran Integration Suite, Release 4.2 Build 4223.

Apply Gentran Integration Suite, Release 4.3 Build 4324.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Connect Direct Interop

Escalation ID: 00151085

Fix ID: 214996, 218145, 218144, 233622

Severity: Normal

Type: NormalFix

Build: 4223, 4324, 5006, 5101

InQuira ID: NFX7946

Title: CDServerCopyToService read restart vector processing creating bottlenecks

Description: CDServerCopyToService read restart vector processing creating bottlenecks

In addition, the checkpoint records were aged while the CDSA"s in memory cache was being refreshed at the start of every session.

A CDSA"s checkpoint restart vector cache was refreshed at the start of each new session. This could lead to a performance degradation in the event the checkpoint

database became large. A checkpoint record in the checkpoint database represents a transmission that was interrupted by a communication error that led to a session break. The receiver creates a checkpoint record at the start of each transmission and removes it upon successful completion of the transfer. As long as the record exists, the session may be resumed from the previous point of failure. Normally, sessions complete so the database should be small or empty.

Error Message:

```
cdinterop.log:
[2009-06-17 14:24:17.554]
ERROR 000000000000 GLOBAL_SCOPE CDServerCopyToService.primitiveProcessData()
- detected the remote node exception[JMGRO12I]
  com.servename.cdinterop.server.CDInteropRemoteNodeException:
    JMGR012I
at com.servename.cdinterop.impl.serverImpl.CDServer.copyTo(CDServer.java:1871)
at com.servename.services.cdinterop.server.CDServerAdapterLittleAImpl.
copyTo(CDServerAdapterLittleAImpl.java:270)
at sun.reflect.GeneratedMethodAccessor242.invoke(UnknownSource)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:618)
at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:309)
at sun.rmi.transport.Transport$1.run(Transport.java:168)
at java.security.AccessController.doPrivileged(AccessController.java:279)
at sun.rmi.transport.Transport.serviceCall(Transport.java:164)
at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:506)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.handleRequest(TCPTransport.java:838)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(TCPTransport.java:912)
at java.lang.Thread.run(Thread.java:810)
at sun.rmi.transport.StreamRemoteCall.exceptionReceivedFromServer(StreamRemoteCall.java:263)
at sun.rmi.transport.StreamRemoteCall.executeCall(StreamRemoteCall.java:239)
at sun.rmi.server.UnicastRef.invoke(UnicastRef.java:141)
at com.servename.services.cdinterop.server.CDServerAdapterLittleAImpl_Stub.
copyTo(CDServerAdapterLittleAImpl_Stub.java:194)
at com.servename.services.cdinterop.server.CDServerCopyToService.
primitiveProcessData(CDServerCopyToService.java:263)
at com.servename.services.cdinterop.CDService$1.run(CDService.java:94)
at com.servename.mailbox.db.DatabaseOperation.runContained(DatabaseOperation.java:106)
at com.servename.services.cdinterop.CDService.processData(CDService.java:92)
at com.servename.workflow.activity.engine.ActivityEngineHelper.
invokeService(ActivityEngineHelper.java:1770)
at com.servename.workflow.activity.engine.ActivityEngineHelper.
nextMainLogic(ActivityEngineHelper.java:640)
at com.servename.workflow.activity.engine.ActivityEngineHelper.
next(ActivityEngineHelper.java:367)
at com.servename.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQueueListener.java:328)
at com.servename.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueueListener.java:202)
at com.servename.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:163)
at com.servename.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:149)
at com.servename.workflow.queue.wfTransporter.run(wfTransporter.java:331)
at com.servename.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:517)
at java.lang.Thread.run(Thread.java:810)
[2009-06-17 14:24:17.555]
DEBUG 000000000000 GLOBAL_SCOPE CDServerCopyToService.shouldRestart(JMGRO12I)
- returns true
[2009-06-17 14:24:17.555]
DEBUG 000000000000 GLOBAL_SCOPE CDServerCopyToService.primitiveProcessData()
- detected the restartable error, will move onto next step in bpm1
and wait for retry.
[2009-06-17 14:24:17.555]
ERROR 000000000000 GLOBAL_SCOPE [CDServerCopyToService] - setting
WFC Status to SUCCESS and COPY status to NEED_RESTART with Advanced
Status [Conne
```

Resolution:

Apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

This fix removes the need to cache the records associated with an adapter by now having all access go directly to the database. This provides a number of benefits, chief among them is a performance improvement. Another improvement involves checkpoint record aging. Checkpoint records are aged once every 24 hour period instead of at the start of every session. The checkpoint records are kept in the system for the number of days set by the lifespan (ckptRemoveDate).

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Configuring Checkpoint Record Lifespan

Checkpoint record lifespan is configured by setting the ckptRemoveDate property which is contained in the noapp.properties property file located in the properties subdirectory of the installation.

The ckptRemoveDate property has the following syntax:

```
ckptRemoveDate=<days>
```

Where days is:

a non-negative integer in the range of 0..N representing the number of days to keep checkpoint information associated with a failed transfer for the purpose of restarting it. The default is 30 days.

To prevent future patch overrides, however, you should not change the noapp.properties(.in) file directly. Instead add the parameter to the customer_overrides.properties file. The parameter would look like this in the customer_overrides.properties file:

```
noapp.ckptRemoveDate=14
```

Functional Area: Connect Direct Interop

Escalation ID: 00069398

Fix ID: 199168, 201269, 201270, 233327

Severity: Normal

Type: NormalFix

Build: 4322, 4222, 5006, 5101

InQuira ID: NFX8240

Title: Connect Direct Server Adapter fails to copy the file which has alphabet in parentheses in the file name

Description: Connect Direct Server Adapter fails to copy a file which has an alphabet in parentheses in the file name, i.e. /mailbox/clients/test/pub/outgoing/test.(A).txt.asc.09.10.07_10.03

Error Message:

File name is truncated starting with the open parentheses '(' and the following error message is written in the cdinterop.log file with a JGIS016E error code.

```
[2009-10-07 10:03:48.609]
ERROR 000000000000 GLOBAL_SCOPE DocumentReadingConduitImpl.getRandomAccessFile()
- Exception trying to use docId /mailbox/clients/test/pub/outgoing/test.
to create Document :
com.servename.workflow.DocumentNotFoundException:
loading document has errorNo document with ID = /mailbox/clients/test/pub/outgoing/test.
at com.servename.workflow.Document.<init>(Document.java:1139)
at com.servename.workflow.Document.<init>(Document.java:941)
at com.servename.workflow.Document.<init>(Document.java:925)
at com.servename.cdinterop.impl.serverImpl.DocumentReadingConduitImpl.
getRandomAccessFile(DocumentReadingConduitImpl.java:139)
at com.servename.cdinterop.impl.serverImpl.AbstractDocumentConduitImpl.
getFilePointer(AbstractDocumentConduitImpl.java:109)
at com.servename.cdinterop.impl.serverImpl.TwoWayDocumentConduitImpl.
getFilePointer(TwoWayDocumentConduitImpl.java:224)
at com.servename.cdinterop.impl.serverImpl.copy.CopyHandler.
getFilePointer(CopyHandler.java:552)
at com.servename.cd.oemglue.GISFileSystem.getFilePointer(GISFileSystem.java:164)
at com.servename.cd.oemglue.GISDataMgr.invalidate(GISDataMgr.java:624)
at com.servename.cd.oemglue.GISDataMgr.<init>(GISDataMgr.java:83)
at com.servename.cd.oemglue.CopyStep.getNonRestartMgr(CopyStep.java:115)
at com.servename.cd.oemglue.CopyStep.getDataMgr(CopyStep.java:90)
at com.servename.cd.cdjava.CdCopier.getSendDataMgr(CdCopier.java:2782)
at com.servename.cd.cdjava.CdCopier.openForSend(CdCopier.java:1898)
at com.servename.cd.cdjava.CdCopier.send(CdCopier.java:2614)
at com.servename.cd.cdjava.CdPnApi.copy(CdPnApi.java:1397)
at com.servename.cd.cdjava.CdPnApi.copy(CdPnApi.java:932)
at com.servename.cd.cdjava.CdPnApi.copy(CdPnApi.java:984)
at com.servename.cd.cdjava.CdPnApi.copy(CdPnApi.java:1268)
at com.servename.cd.oemglue.CopyStep.execute(CopyStep.java:494)
at com.servename.cd.oemglue.PnodeSessionMediator.
execute(PnodeSessionMediator.java:334)
at com.servename.cdinterop.impl.serverImpl.PNodeConnection.execute(PNodeConnection.java:284)
at com.servename.cdinterop.impl.serverImpl.CDServer.copyTo(CDServer.java:1779)
at com.servename.services.cdinterop.server.CDServerAdapterLittleAImpl.
copyTo(CDServerAdapterLittleAImpl.java:271)
at sun.reflect.GeneratedMethodAccessor244.invoke(Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:618)
at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:309)
at sun.rmi.transport.Transport$1.run(Transport.java:168)
at java.security.AccessController.doPrivileged(AccessController.java:279)
at sun.rmi.transport.Transport.serviceCall(Transport.java:164)
at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:506)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.handleRequest(TCPTransport.java:838)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(TCPTransport.java:912)
at java.lang.Thread.run(Thread.java:810)
[2009-10-07 10:03:48.609]
ERROR 000000000000 GLOBAL_SCOPE (JGIS016E) - Error
when getting file pointer[java.io.IOException: loading document
has errorNo document with ID = /mailbox/clients/test/pub/outgoing/test.]
java.io.IOException: loading document has
errorNo document with ID = /mailbox/clients/test/pub/outgoing/test.
at com.servename.cdinterop.impl.serverImpl.DocumentReadingConduitImpl.
getRandomAccessFile(DocumentReadingConduitImpl.java:
```

Resolution:

Filename may now specify parentheses as non-special characters in sessions with non-mainframe platforms.

Apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Connect Direct Interop

Escalation ID: 100278

Fix ID: 203110, 203111, 203113, 233369

Severity: Normal

Type: NormalFix

Build: 4222, 4324, 5006, 5101

InQuira ID: NFX8241

Title: CKPT record is missing remote filename

Description: The new interface obtains the CKPT record from the database and returns it using the object's interface (ICdRestartTableElement). Since it is missing the getter or setter for the remote filename, this piece of CKPT info is not accessible.

Error Message: No error message.

Resolution:

Apply Gentran Integration Suite, Release 4.2, Build 4222 or later.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Fixed in Sterling B2B Integrator, Release 5.1 (base install).

Functional Area: Connect Direct Interop

Escalation ID: QC

Fix ID: 206247, 205375, 206246, 233434

Severity: Normal

Type: NormalFix

Build: 4222, 4324, 5006, 5100

InQuira ID: NFX7621

Title: When PNODE sends files to Gentran Integration Suite SNODE, Gentran Integration Suite negotiates the buffer size to 16K, instead of using the 32K on the CDSA.

Description: When a C:D PNODE (any platform) sends files to a Gentran Integration Suite SNODE, Gentran Integration Suite negotiates the buffer size to 16,254K, instead of using the 32,768K on the Gentran Integration Suite C:D Server adapter. In this scenario, the sending C:D PNODE platform always had a buffer size set to higher than 32K and these sessions were not using Secure+.

If Secure+ was used on the session that would cause Gentran Integration Suite to use a 16,254K buffer size by design.

The user recreated the problem in Builds 4219 and 4317 and in-house it was recreated it in Build 4305. This is a Gentran Integration Suite error. What triggers this problem is having the Netmap Override enabled on the Gentran Integration Suite CDSA.

A C:D Windows to Gentran Integration Suite CDSA was tested with the Netmap Override parameter disabled and the buffer size was 32,768K before processing the FMH68 record. This is working as expected. See the below cdjava logs for this test:

Our Gentran Integration Suite cdjava.log

```
[2009-11-11 12:29:21.281]
DEBUG 000000000000 GLOBAL_SCOPE 43 SANDBOX_CDSA_CDSERVER_ADAPTER_node1S00002517153438L2
Nov 11, 2009 12:29:21 PM: 04| | | | Exited CdMessengerCommon()
bufsize=32768, Return Value = VOIDjava.lang.String;VOID
[2009-11-11 12:29:21.281]
DEBUG 000000000000 GLOBAL_SCOPE 43 SANDBOX_CDSA_CDSERVER_ADAPTER_node1S00002517153438L2
Nov 11, 2009 12:29:21 PM: 03| | | | Exited CdMessenger.constructor(traceMgr,commMgr,commBufSize)
bufsize=32768, Return Value = VOIDjava.lang.String;VOID
[2009-11-11 12:29:21.281]
DEBUG 000000000000 GLOBAL_SCOPE 43 SANDBOX_CDSA_CDSERVER_ADAPTER_node1S00002517153438L2
Nov 11, 2009 12:29:21 PM: 03| | | | Entered CdSnApi.doFmh68():
[2009-11-11 12:29:21.281]
DEBUG 000000000000 GLOBAL_SCOPE 43 SANDBOX_CDSA_CDSERVER_ADAPTER_node1S00002517153438L2
Nov 11, 2009 12:29:21 PM: 04| | | | Entered CdMessenger.recvFmh():
[2009-11-11 12:29:21.281]
DEBUG 000000000000 GLOBAL_SCOPE 43 SANDBOX_CDSA_CDSERVER_ADAPTER_node1S00002517153438L2
Nov 11, 2009 12:29:21 PM: 05| | | | Entered CdMessenger.recvCommBuffer():
```

When we enabled the "Netmap Override" in Gentran Integration Suite CDSA, a 16,254K buffer is being set before processing the FMH68 record. This is the reported problem.

Our Gentran Integration Suite cdjava.log

```
[2009-11-11 12:31:18.718]
DEBUG 000000000000 GLOBAL_SCOPE 43 SANDBOX_CDSA_CDSERVER_ADAPTER_node1S00001047264679L3
Nov 11, 2009 12:31:18 PM: 04| | | | Exited CdMessengerCommon()
bufsize=16254, Return Value = VOIDjava.lang.String;VOID
[2009-11-11 12:31:18.718]
DEBUG 000000000000 GLOBAL_SCOPE 43 SANDBOX_CDSA_CDSERVER_ADAPTER_node1S00001047264679L3
Nov 11, 2009 12:31:18 PM: 03| | | | Exited CdMessenger.constructor(traceMgr,commMgr,commBufSize)
bufsize=16254, Return Value = VOIDjava.lang.String;VOID
[2009-11-11 12:31:18.718]
DEBUG 000000000000 GLOBAL_SCOPE 43 SANDBOX_CDSA_CDSERVER_ADAPTER_node1S00001047264679L3
Nov 11, 2009 12:31:18 PM: 03| | | | Entered CdSnApi.doFmh68Secp(): [2009-11-11 12:31:18.718]
DEBUG 000000000000 GLOBAL_SCOPE 43 SANDBOX_CDSA_CDSERVER_ADAPTER_node1S00001047264679L3
Nov 11, 2009 12:31:18 PM: 04| | | | Entered CdSnApi.doFmh68():
[2009-11-11 12:31:18.718]
DEBUG 000000000000 GLOBAL_SCOPE 43 SANDBOX_CDSA_CDSERVER_ADAPTER_node1S00001047264679L3
Nov 11, 2009 12:31:18 PM: 05| | | | Entered CdMessenger.recvFmh(): [2009-11-11 12:31:18.718]
DEBUG 000000000000 GLOBAL_SCOPE 43 SANDBOX_CDSA_CDSERVER_ADAPTER_node1S00001047264679L3
Nov 11, 2009 12:31:18 PM: 06| | | | Entered CdMessenger.recvCommBuffer():
```

Error Message: No Error Messages

Resolution:

Workaround: When the C:D is the PNODE initiating the session and sending data to Gentran Integration Suite/Sterling Integrator, and the PNODE has a higer buffersize value then the Gentran Integration Suite/Sterling Integrator CDSA buffersize value, you can set the Gentran Integration Suite/Sterling Integrator CDSA parm "Netmap Node Override" to NO and then Gentran Integration Suite/Sterling Integrator should negotiate the buffer that is selected in the CDSA 'buffersize to copy' parm. Again, this issue is for non-Secure+ sessions.

Apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Connect Direct Interop

Escalation ID: 110788

Fix ID: 205593, 205588, 205386, 233444

Severity: Normal

Type: NormalFix

Build: 4222, 5006, 4324, 5101

InQuira ID: NFX7826

Title: Connect:Direct Server Adapter Slowdown Causing Multiple Retries From Partner

Description: Connect:Direct Server Adapter Slowdown Causing Multiple Retries From Partner

Partner will attempt to reconnect until all connections are exhausted.

Connect Direct Server Adapter sessions are not terminating with specific trading partner. Sessions remain active even though session are terminated on pnode.

Error Message: Errors reporting sessions exhausted.

Resolution:

Apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Connect Direct Interop

Escalation ID: 83775

Fix ID: 198184, 202942, 202945, 233364

Severity: Normal

Type: NormalFix

Build: 4322, 4222, 5006, 5101

InQuira ID: NFX9403

Title: Stopping CDSA During a Begin Session Service Step Causes a Serious Error

Description: Business processes error SessionManager is null! after recycle of the CDSA Adapter

The user adds a node to CDSA and needs to start stop CDSA to get it working. After the stop restart, all CD related business processes get following error:

```
[2009-01-08 09:04:26.534]
ERROR 000000000000 GLOBAL_SCOPE com.servename.cdinterop.server.
CDInteropServerException:SessionManager is null!
```

All business processes using CD services fail to start. In addition, the ones starting after the restart need a reboot of the server to get everything working again.

Error Message:

```
2009-01-08 09:03:50.266]
ALL 000000000000 GLOBAL_SCOPE CDServerAdapterLittleAImpl.refreshAdapter()
- Adapter: MY_ConnectDirectServerAdapterGIS01_CDSEVER_ADAPTER_node1
- refreshing
[2009-01-08 09:03:50.266] ALL
000000000000 GLOBAL_SCOPE CDServerAdapterLittleAImpl.refreshAdapter()
- Adapter: MY_ConnectDirectServerAdapterGIS01_CDSEVER_ADAPTER_node1
- shutting down
[2009-01-08 09:03:50.267]
ALL 000000000000 GLOBAL_SCOPE CDServerAdapterLittleAImpl.update()
- Adapter: MY_ConnectDirectServerAdapterGIS01_CDSEVER_ADAPTER_node1
- notified that my CDServer is stopping
[2009-01-08 09:03:50.267]
ALL 000000000000 GLOBAL_SCOPE CDServerAdapterLittleAImpl.update()
- Adapter: MY_ConnectDirectServerAdapterGIS01_CDSEVER_ADAPTER_node1
- shutdown
[2009-01-08 09:04:00.288]
ALL 000000000000 GLOBAL_SCOPE CDServerAdapterLittleAImpl.refreshAdapter()
- Adapter: MY_ConnectDirectServerAdapterGIS01_CDSEVER_ADAPTER_node1
- starting
[2009-01-08 09:04:00.291]
ALL 000000000000 GLOBAL_SCOPE CDInteropMailboxExtractionPolicy.logConfiguration()
CDInteropMailboxExtractionPolicy server mailbox configuration:
extractabilityMode=[3], extractabilityCount=[0],
extractabilityForDays 0], extractabilityForHours=[0], extractabilityForMinutes=[0],
extractabilityExtractable=[Yes].
[2009-01-08 09:04:00.291]
ALL 000000000000 GLOBAL_SCOPE CDInteropMailboxExtractionPolicy.logConfiguration()
CDInteropMailboxExtractionPolicy server mailbox configuration:
extractabilityMode=[3], extractabilityCount=[0],
extractabilityForDays 0], extractabilityForHours=[0], extractabilityForMinutes=[0],
extractabilityExtractable=[Yes].
[2009-01-08 09:04:26.534] ERROR 000000000000 GLOBAL_SCOPE
com.servename.cdinterop.server.CDInteropServerException: SessionManager is null!
```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Connect Direct Interop

Escalation ID: 24604

Fix ID: 200849, 233310

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9404

Title: CDServerPrimitiveBeginSessionService - java.lang.NullPointerException

Description: Outbound Connect:Direct processes are failing with the error

```
CDServerPrimitiveBeginSessionService
- recording a failed Begin Session attempt with fault code [Connect:Direct
Service Error]
```

```
java.lang.NullPointerException
```

The error occurs if the Connect:Direct Server Adapter is refreshed while there are active outbound Connect Direct BP's. The adapter refresh occurs when the user clicks the 'Finish' button on the Server Edit Configuration UI.

Error Message:

```
java.lang.NullPointerException
at com.servename.services.cdinterop.server.CDServerAdapterLittleAImpl.
  beginSession(CDServerAdapterLittleAImpl.java:251)
at sun.reflect.GeneratedMethodAccessor97.invoke(Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:25)
at java.lang.reflect.Method.invoke(Method.java:324)
at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:261)
at sun.rmi.transport.Transport$1.run(Transport.java:148)
at java.security.AccessController.doPrivileged(NativeMethod)
at sun.rmi.transport.Transport.serviceCall(Transport.java:144)
at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:460)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(TCPTransport.java:701)
at java.lang.Thread.run(Thread.java:534)
at sun.rmi.transport.StreamRemoteCall.exceptionReceivedFromServer(StreamRemoteCall.java:247)
at sun.rmi.transport.StreamRemoteCall.executeCall(StreamRemoteCall.java:223)
at sun.rmi.server.UnicastRef.invoke(UnicastRef.java:133)
at com.servename.services.cdinterop.server.CDServerAdapterLittleAImpl_Stub.
  beginSession(CDServerAdapterLittleAImpl_Stub.java:271)
at com.servename.services.cdinterop.server.CDServerBeginSessionService.
  primitiveProcessData(CDServerBeginSessionService.java:140)
at com.servename.services.cdinterop.CDService$1.run(CDService.java:94)
at com.servename.mailbox.db.DatabaseOperation.runContained(DatabaseOperation.java:109)
at com.servename.services.cdinterop.CDService.processData(CDService.java:92)
```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Connect Direct Interop

Escalation ID: 37432

Fix ID: 200839, 233309

Severity: Critical

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9311

Title: NullPointerException is thrown when creating an adapter

Description: NullPointerException is thrown when creating an adapter. While creating the adapter, the Service Type marked as Null is leading to NullPointerException.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Connect Direct Interop

Escalation ID: QC

Fix ID: 202358, 233352

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9069

Title: Error SCPA024I, Unable to send data to z/OS mainframe system using Sterling File Gateway C:Direct custom protocol and business process

Description: UNIX/Windows File transfers to z/OS mainframe via File Gateway that use a custom Sterling File Gateway/Connect :Direct protocol and custom AFTRouteviaCD Business Process are failing if the record lengths are exactly the same as the dcb parameter lrecl value. For example, if a file has 94-byte records, and we have lrecl=94, the file transfer fails with error SCPA024I. The same file is transferred without any problems using a CD Unix server. Files received into Filegateway producer mailbox and routed through Sterling File Gateway/C:D custom protocol and custom BP to z/OS are failing.

Error Message:

```
Delivery failed.  
Cause: Error, C:D Transport  
com.servename.fg.exception.FileGatewayRouteException: Delivery failed.  
Cause: Error, C:D Transport
```

Resolution:

Apply Gentran Integration Suite, Release 4.2 Build 4223.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Functional Area: Connect Direct Interop

Escalation ID: 00177067

Fix ID: 223231, 226353, 233714, 223233

Severity: Critical

Type: NormalFix

Build: 5006, 4223, 5101, 4324

InQuira ID: NFX9472

Title: SetUserToken causes a RACF error when connecting to a SPOE
Connect:Direct node

Description: Problem reported using Sterling Integrator versions 5.0 and 5.1.

Unable to control the credentials (SNODEID) presented to remote Secure Point of Entry (SPOE). The SetUserToken service does not affect the credentials.

The remote node allows SNODEID - the Connect:Direct DMGSAF security exit specifies SNODEID=YES.

Error Message:

The errors below are reported in the cdinterop.log

```
[2010-12-07 12:20:22.252]
DEBUG 000000000000 GLOBAL_SCOPE CDServer.validateNetmapNode()
Netmap node TBINK1.R4700 was validated successfully
[2010-12-07 12:20:22.336]
DEBUG 000000000000 GLOBAL_SCOPE PNodeConnection.execute()
- uh oh, got an exception returning from pSession execute successfully
on Pnode Session Id= TBinkley_CDSA_N1_CDSERVER_ADAPTER_node1P00000226771160L1:6784
Exception= MSGID=JPNA006I,RC=8,FDBK=1,CLMTHNAME=CdPnApi.connect,
CDTXT="An error occurred on the remote CONNECT:Direct during the handshake protocol
after connecting. Please retry the operation.
If the problem persists contact your CONNECT:Direct administrator.
The FMH72 return code and msgid are ",JTXT="12,RACF093I" Thread=Thread-28391
[2010-12-07 12:20:22.336]
ERROR 000000000000 GLOBAL_SCOPE MSGID=JPNA006I,RC=8,FDBK=1,CLMTHNAME=CdPnApi.connect, CDTXT="An
error occurred on the remote CONNECT:Direct during the handshake protocol
after connecting.
Please retry the operation.
If the problem persists contact your CONNECT:Direct administrator.
The FMH72 return code and msgid are ", JTXT="12,RACF093I"
com.servername.cd.oemglue.ConnectionException: MSGID=JPNA006I,RC=8,FDBK=1,CLMTHNAME=CdPnApi.connect,
CDTXT="An
error occurred on the remote CONNECT:Direct during the handshake protocol
after connecting.
Please retry the operation.
If the problem persists contact your CONNECT:Direct administrator.
The FMH72 return code and msgid are ", JTXT="12,RACF093I"
at com.servername.cd.oemglue.ConnectStep.execute(ConnectStep.java:361)
at com.servername.cd.oemglue.PnodeSessionMediator.execute(PnodeSessionMediator.java:334)
at com.servername.cdinterop.impl.serverImpl.PNodeConnection.execute(PNodeConnection.java:291)
at com.servername.cdinterop.impl.serverImpl.PNodeConnection$.run(PNodeConnection.java:598)
at java.lang.Thread.run(Thread.java:801)
[2010-12-07 12:20:22.336]
ERROR 000000000000 GLOBAL_SCOPE CDServer.createPNodeConnection()
- got InvocationTargetException exception from FutureResult on Pnode
Session Id= TBinkley_CDSA_N1_CDSERVER_ADAPTER_node1P00000226771160L1Exception=null Thread=RMI
TCP Connection(16120)-10.128.5.40
java.lang.reflect.InvocationTargetException
at EDU.oswego.cs.dl.util.concurrent.FutureResult.setException(FutureResult.java:152)
at com.servername.cdinterop.impl.serverImpl.PNodeConnection$.run(PNodeConnection.java:623)
at java.lang.Thread.run(Thread.java:801)
```

```

Caused
by: com.servename.cd.oemglue.ConnectionException:
  MSGID=JPNA006I,RC=8,FDBK=1,CLMTHNAME=CdPnApi.connect, CDTXT="An
error occurred on the remote CONNECT:Direct during the handshake protocol
after connecting.Please retry the operation.
  If the problem persists contact your CONNECT:Direct administrator.
  The FMH72 return code and msgid are ", JTXT="12,RACF093I"
at com.servename.cd.oemglue.ConnectStep.execute(ConnectStep.java:361)
at com.servename.cd.oemglue.PnodeSessionMediator.execute(PnodeSessionMediator.java:334)
at com.servename.cdinterop.impl.serverImpl.PNodeConnection.execute(PNodeConnection.java:291)
at com.servename.cdinterop.impl.serverImpl.PNodeConnection$.run(PNodeConnection.java:598)
... 1 more
[2010-12-07 12:20:22.336] DEBUG
000000000000 GLOBAL_SCOPE CDConnectionManager.addNewConnection just
added PNode connection with id=TBinkley_CDSA_N1_CDSERVER_ADAPTER_node1P00000226771160L1:6784
[2010-12-07 12:20:22.336] ERROR 000000000000 GLOBAL_SCOPE CDServer.createPNodeConnection()
- MessageId of Error Return Code :RACF093I [2010-12-07
12:20:22.336] DEBUG 000000000000 GLOBAL_SCOPE ConnectDirectConnection.isSecurePlusEnabled()
- ENTERING [2010-12-07 12:20:22.337] DEBUG
000000000000 GLOBAL_SCOPE PNodeConnection.close() - Entering - Sessi

```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

These patches are required to enable usage of the LocalUserId in the Sterling B2B Integrator Connect:Direct Begin Session Service.

When connecting to a remote node that is using Secure Point of Entry (SPOE) problems can arise when Sterling Integrator sends SNODEID. Utilizing the Sterling Integrator SetUserToken service will not solve the problem.

The Business Process must specify LocalUserId for the Sterling Integrator Connect:Direct Begin Session Service. This will ensure successful authentication by Sterling Integrator to the remote node.

Sample Business Process for use with a Remote Node using SPOE

```

<process name="OverrideLocalUserIDExample">
<sequence>
  <operation name="CD Server Begin Session Service">
    <participant name="CDServerBeginSession"/>
    <output message="CDServerBeginSessionServiceTypeInputMessage">
      <assign to="LocalCDNodeName">LOCAL-CDSA-NAME</assign>
      <assign to="RemoteCDNodeName">REMOTE-CDNODE-NAME</assign>
      <assign to="LocalUserId">SPOEUserID</assign>
      <assign to="." from="*"></assign>
    </output>
    <input message="inmsg">
      <assign to="." from="*"></assign>
    </input>
  </operation>

```

The table below outlines the usage and results of credentials in the Sterling B2B Integrator Connect:Direct Begin Session Service.

Parameter	UserToken	LocalUserId	RemoteUserId	RemotePasswd	Result
Case (1)	admin	-	-	-	UserToken
Case (2)	admin	pnodeid	-	-	LocalUserId
Case (3)	admin	pnodeid	snodeid	-	RemoteUserId
Case (4)	admin	pnodeid	snodeid	*****	RemoteUserId/ RemotePasswd

Case(1) is when no userids or passwords are specified; the effective user token is sent.

Case(2) only the LocalUserId is specified; only LocalUserId is sent.

Case(3) LocalUserId and RemoteUserId are specified; only RemoteUserId is sent.

Case(4) SPOE is not used. LocalUserId, RemoteUserId and RemotePasswd are specified; RemoteUserId and RemotePasswd are sent.

Functional Area: Connect Direct Interop

Escalation ID: 105784

Fix ID: 204736, 233414

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9632

Title: Gentran Integration Suite CDSA to C:D zOS transfer fails & leaves GDS allocated on mainframe.

Description: Gentran Integration Suite CDSA to C:D zOS transfer fails & leaves GDS allocated on mainframe.

Fix change: We no longer send the DDS3 in the 71 to allow the Z/OS platform to use its default instead.

Error Message: Error Codes: JCPS014I JCPS015I

Resolution:

Apply Gentran Integration Suite, Release 4.2 Build 4223.

Apply Gentran Integration Suite, Release 4.2 Build 4324.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Connect Direct Interop

Escalation ID: 163274

Fix ID: 219468, 219471, 217852, 233648

Severity: Normal

Type: NormalFix

Build: 4223, 5006 , 4324, 5101

Clustering

InQuira ID: NFX7334

Title: Business Processes hanging on the Wait service (Cluster only)

Description: Sterling B2B Integrator Cluster 5002 - BPs are hanging on the wait service, even though the service is assigned a time interval of 1 minute the BP stops at the wait service step for about 30 minutes before being interrupted.

Please note, this is a workflow engine related issue specific to a 5.0 cluster. Cannot be recreated outside a clustered environment, if you take down one node from the cluster the problem does not occur.

For example, the CDInterop_BeginSessionWithLoop will go into retry and never come out of the final retry loop. This was tested outside of the CDSA business process, and the the basic problem is recreated with a simple business that goes into WAIT for 1 minute as follows. The behavior is the same in the CDSA process. The workflow goes into the wait queue for the desired 1 minute but never returns back to the original queue 4 to resume processing.

```
<process name="testWait">
<sequence>
  <assign to="test1">ok</assign>
  <operation name="Wait">
    <participant name="WaitService"/>
    <output message="WaitServiceTypeInputMessage">
      <assign to="." from="*"></assign>
      <assign to="WAIT_INTERVAL">1</assign>
    </output>
    <input message="inmsg">
      <assign to="." from="*"></assign>
    </input>
  </operation>
  <operation name="Business Process Metadata">
    <participant name="BPMetaDataInfoService"/>
    <output message="BPMetaDataServiceTypeInputMessage">
      <assign to="." from="*"></assign>
    </output>
    <input message="inmsg">
      <assign to="." from="*"></assign>
    </input>
  </operation>
  <assign to="test2">ok</assign>
  <onFault>
    <operation name="Business Process Metadata">
      <participant name="BPMetaDataInfoService"/>
      <output message="BPMetaDataServiceTypeInputMessage">
        <assign to="." from="*"></assign>
      </output>
      <input message="inmsg">
        <assign to="." from="*"></assign>
      </input>
    </operation>
  </onFault>
</sequence>
</process>
```

Steps to recreate (two node cluster) using build 5002.

1. Create business process as above.
2. Enable QueueWatcher
3. Execute BP. Observe the wait queue; the business process (BP) is queued for 5000 milliseconds. After 1 minute the BP disappears from the wait queue but never returns onto queue 4 - see capture below - checked node 2 as well but is not there either.
4. Stop one node in the Gentran Integration Suite cluster.

5. Repeat step 3. The BP continues after the 1 minute wait period.

```
Back to Secure Queue Watcher Menu ThreadPool  
and Queue Data for:0 -WaitQueue Start- LockableDoubleLinkedList:  
Elements:1 Avail.:1 Contents: -Head-  
WFID  
insID expedite Priority msec on queue wfdname  
28165  
8276 false -1 19624 testWait wfTransporter Status: LOCKED=false  
WRITING=false CACHED=false DELETE=false EXECUTING=false WAITING=true  
RESCHEDULING=false  
-Tail- WaitQueue End
```

Error Message: No Errors, BP is simply interrupted.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Clustering

Escalation ID: 00096413

Fix ID: 203393, 233374

Severity: Critical

Type: NormalFix

Build: 5006, 5101

Document Extraction

InQuira ID: NFX9499

Title: When using the Document Extraction Service with batching on large XML documents the system hangs.

Description: When using the Document Extraction Service with batching on large XML documents the JVM goes into back-to-back full garbage collections and stops processing anything.

Error Message: There are no specific error messages, but if you have garbage collection turned on in the logs you can see back-to-back full garbage collections while Gentran Integration Suite is hanging.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Note: In addition to the fix there are also two new parameters that can be added to customer_overrides.properties:

```
# XML Input Document size to force the WF to ERROR to prevent potential OOM  
(Example 500 MEG)
```

translator.documentExtraction.XMLDocumentSizeError=524288000

XML Input Document size threshold to log a warning message (Example 400 MEG)

translator.documentExtraction.XMLDocumentSizeWarning=419430400

The fix added in 5006 and 4324 fixes the caching when running document extraction on an XML document. However, even with the fix, a sufficiently large document can still cause an OOM.

These parameters can help avoid the OOM. You can set a warning size and a limit. If the document that you are trying to extract is larger than documentExtraction.XMLDocumentSizeWarning a warning message is logged. If the size is over documentExtraction.XMLDocumentSizeError then the document extraction service fails and throws an error rather than trying to extract the document and potentially getting an out of memory.

A value of -1 will disable the check.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Document Extraction

Escalation ID: 00145096

Fix ID: 214170, 214171, 233573

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

EDI

InQuira ID: NFX9312

Title: Status Report error message is repeated twice

Description: Status Report error message, Envelope Not Found , is appearing twice after running Deenvelope Service.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5006 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5101 or later.

Functional Area: EDI

Escalation ID: QC

Fix ID: 222620, 233708

Severity: Normal

Type: NormalFix

Build: 5006, 5101

Sterling e-Invoicing

InQuira ID: NFX9764

Title: BI Retention schedule is deleting data from Sterling e-Invoicing archive tables

Description: BI Retention schedule is deleting data from Sterling e-Invoicing archive tables.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5101 or later.

Functional Area: Sterling e-Invoicing

Escalation ID: QC

Fix ID: 228404, 233790

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9248

Title: Sterling e-Invoicing summary report does not work when connected to Sterling B2B Integrator through HTTPS

Description: Sterling e-Invoicing summary report does not display the icon for the status of the e-Invoicing transaction when connected to Sterling B2B Integrator through HTTPS. However, it works fine when connected through HTTP.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Sterling e-Invoicing

Escalation ID: QC

Fix ID: 197921, 233268

Severity: Normal

Type: NormalFix

Build: 5006, 5101

Event

InQuira ID: NFX7862

Title: Filegateway Error Event Codes not written to the filegateway log

Description: Customer wants to monitor Sterling File Gateway using Tivoli® to monitor the filegateway log and take action depending on the failure reported.

Customer does not have any email setup on the Sterling Integrator server and so they cannot make use of the email notifications from Sterling File Gateway.

The text in the filegateway log when it is not in Debug mode (e.g. "Arrived File Failed") is not sufficient for their monitoring - they

want the Sterling File Gateway error Event codes (such as FG_0455 Arrived File is now failed) in the non-debug log. Currently the event codes are only available in Debug or via the UI.

Error Message: no errors

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Event

Escalation ID: 98626

Fix ID: 207396, 233484

Severity: Normal

Type: NormalFix

Build: 5006, 5101

FIFO

InQuira ID: NFX7643

Title: When the Active MQ connection drops business processes are stuck at step zero with a status of FIFOQueued

Description: Problem reported using Gentran Integration Suite 4.3 Build 4320. The problem can also occur when using Sterling B2B Integrator 5.0.

When Active MQ connections are dropped, Business Processes that were waiting to process a file in FIFO order are stuck at step 0 with a status of FIFOQueued. When Active MQ is restored, the Business Processes do not continue. If the Business Processes are expedited they do not process.

Error Message: No error messages.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

A possible work around for this problem is to stop the Business Process, run recovery and then resume the Business Process from Halted or Interrupted step.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: FIFO

Escalation ID: 114297

Fix ID: 207022, 206135, 233476

Severity: Critical

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX7979

Title: After a Node is stopped files are stuck in Active MQ

Description: Problem reported using Gentran Integration Suite 4.3 Build 4320. The problem can also occur when using Sterling B2B Integrator 5.0. After a Node is stopped, files are stuck in Active MQ, and Active MQ shows pending file counts, as well as files in the Error Queue. The files are not processed by the application.

Error Message: No error message.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: FIFO

Escalation ID: 00126510

Fix ID: 208303, 208302, 233499

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX8018

Title: ActiveMQ broker URL Connection refused error or Wire format negotiation timeout error

Description: The ACTIVEMQ_PORT or EVENT_PORT defined in properties files isn't the same port that is reported in the error message in the logs. The sandbox.cfg sets the port to 6247, but Gentran Integration Suite/Sterling Integrator is trying to use port 6248 which causes the JMSEException.

For Reporting Service licensed Customers ONLY:

The events in the Reporting Service Repository (tmp directory) can pile up and cause Gentran Integration Suite processes to remain in queue.

Error Message:

```
noapp.log.D20091209.T000000:[2009-12-09
00:00:00.723] ALL 000000000000 GLOBAL_SCOPE javax.jms.JMSEException:
Could not connect to broker URL:
tcp://localhost:6248?wireFormat.maxInactivityDuration=0.
Reason: java.net.ConnectException: Connection refused
Schedule_Retention
Processor fails and its bp status report shows com.
sterlingcommerce.woodstock.workflow.WorkFlowException:
javax.jms.JMSEException: Wire format negotiation timeout: peer did
not send his wire format.
```

Resolution:

Issue is caused due to event/ActiveMQ port being bound to specific IP address and the URI referenced in error above was attempting to go to localhost.

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Workaround (if you cannot immediately apply the patch for Gentran Integration Suite 4.3 or Sterling Integrator 5.0):

Currently the fifo broker url can be set two different ways in the fifo.properties(.in):

```
fifo.broker.url=tcp://${LOCALHOST.EN_US}:${ ACTIVEMQ_PORT }
```

```
?wireFormat.maxInactivityDuration=0
```

or

```
fifo.broker.url=tcp://${LOCALHOST.EN_US}:${ EVENT_PORT }
```

```
?wireFormat.maxInactivityDuration=0
```

If the fifo.broker.url is currently:


```
fifo.broker.url=tcp://${LOCALHOST.EN_US}:${ACTIVEMQ_PORT}
```

```
?wireFormat.maxInactivityDuration=0
```

then replace with

```
fifo.broker.url=tcp://${HOST_NAME}:${ACTIVEMQ_PORT}
```

```
?wireFormat.maxInactivityDuration=0
```

If the fifo.broker.url is currently:

```
fifo.broker.url=tcp://${LOCALHOST.EN_US}:${EVENT_PORT}
```

```
?wireFormat.maxInactivityDuration=0
```

then replace with

```
fifo.broker.url=tcp://${HOST_NAME}:${EVENT_PORT}
```

```
?wireFormat.maxInactivityDuration=0
```

The key is to change {LOCALHOST.EN_US} to {HOST_NAME} ***Note: Do not change the {HOST_NAME} value to the actual hostname of the Gentran Integration Suite/Sterling B2B Integrator application server. This is a parameter value that must be set to {HOST_NAME} which is pulled from the sandbox.cfg property file.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: FIFO

Escalation ID: 122535

Fix ID: 208747, 209126, 233512

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX9482

Title: NullPointerException thrown by ActiveMQ

Description: The cause of this issue per the logs is that ActiveMQ is throwing a null pointer which is against JMS spec.

Error Message: NullPointerException thrown by ActiveMQ

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: FIFO

Escalation ID: 130025

Fix ID: 209953, 209952, 233524

Severity: Critical

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9852

Title: Issues with FIFO retry, AMQ null pointer exception, and AMQ queuing

Description: Issues with FIFO retry, AMQ null pointer exception, and AMQ queuing.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5101 or later.

Functional Area: FIFO

Escalation ID: QC

Fix ID: 209951, 233523

Severity: Normal

Type: NormalFix

Build: 5006, 5101

Graphical Process Modeler

InQuira ID: NFX7111

Title: Graphical Process Modeler session times out in 30mins irrespective user account settings

Description: The Graphical Process Modeler times out / disconnects after 30+ min of working. Attempt to refresh services, connect to the Source Manager (download , refresh, update) fails. Forced to close the modeler, then relaunch it to continue working.

Error Message:

Java Console Logging

```

License true
License true
Cannot
find image com/servername/gbm/images/generic_adapter.gif,
using default image com/servername/gbm/images/generic_adapter.jpg.
Cannot find image com/servername/gbm/images/generic_adapter.gif,
using default image com/servername/gbm/images/generic_adapter.jpg.
Cannot find image com/servername/gbm/images/generic_adapter.gif,
using default image com/servername/gbm/images/generic_adapter.jpg.
Cannot find image com/servername/gbm/images/generic_adapter.gif,
using default image com/servername/gbm/images/generic_adapter.jpg.
Cannot find image com/servername/gbm/images/generic_adapter.gif,
using default image com/servername/gbm/images/generic_adapter.jpg.
Unexpected field: name, Assign
Unexpected field: name, Assign
Unexpected field: name, Assign
Unexpected field: name, Assign
Unexpected field: name, Assign
License true
http://ipaddress:port/gbm/SystemDefaults
Errors detected tree:0
Validation Successful.java.io.IOException: Server
returned HTTP response code: 403 for URL:
http://ipaddress:port/gbm/MetaDataRead
at sun.net.www.protocol.http.HttpURLConnection.
getInputStream(Unknown Source)
at com.servername.scm.client.transfer.MetaDataReader.
downloadFile(MetaDataReader.java:88)
at com.servername.scm.client.gui.ProcessMetaData.
downloadMetaData(ProcessMetaData.java:84)
at com.servername.scm.client.gui.ProcessMetaData.
<init>(ProcessMetaData.java:73)
at com.servername.scm.client.gui.ProcessMetaData.
<init>(ProcessMetaData.java:51)
at com.servername.scm.client.gui.SMTree.refreshTree
(SMTree.java:70)
at com.servername.scm.client.gui.SMFrame$2.run(SMFrame.java:205)
Exception in thread "Thread-23" java.lang.NullPointerException
at com.servername.scm.client.gui.ProcessMetaData.getProcessData(
ProcessMetaData.java:128)
at com.servername.scm.client.gui.SMTree.refreshTree(SMTree.java:71)
at com.servername.scm.client.gui.SMFrame$2.run(SMFrame.java:205)
http://ipaddress:port/gbm/SystemDefaults
java.io.IOException: Server returned HTTP
response code: 403 for URL: http://ipaddress:port/gbm/SystemDefaults
at sun.net.www.protocol.http.HttpURLConnection.getInputStream(
Unknown Source)
at com.servername.scm.client.transfer.SystemDefaultsReader.
downloadFile(SystemDefaultsReader.java:76)
at com.servername.scm.client.gui.ProcessSystemDefaults.
getSystemDefaults(ProcessSystemDefaults.java:65)
at com.servername.scm.client.gui.SMFrame.updateView(
SMFrame.java:252)
at com.servername.scm.client.gui.SMMenu.actionPerformed(
SMMenu.java:273)
at javax.swing.AbstractButton.fireActionPerformed(Unknown Source)
at javax.swing.AbstractButton$Handler.actionPerformed(Unknown Source)
at javax.swing.DefaultButtonModel.fireActionPerformed(Unknown Source)
at javax.swing.DefaultButtonModel.setPressed(Unknown Source)
at javax.swing.AbstractButton.doClick(Unknown Source)
at javax.swing.plaf.basic.BasicMenuItemUI.doClick(Unknown Source)
at javax.swing.plaf.basic.BasicMenuItemUI$Handler.mouseReleased(
Unknown Source)
at java.awt.AWTEventMulticaster.mouseReleased(Unknown Source)
at java.awt.AWTEventMulticaster.mouseReleased(Unknown Source)
at java.awt.Component.processMouseEvent(Unknown Source)

```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Gentran Integration Suite , Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Graphical Process Modeler

Escalation ID: 90537

Fix ID: 204624, 202548, 233409

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX7316

Title: Adapter / Service Properties in Graphical Process Modeler is not sorted alphabetically

Description: Adapter / Service Properties in Graphical Process Modeler is not sorted alphabetically after applying Gentran Integration Suite 4.3 build 4320, Sterling B2B Integrator 5.0 or Sterling B2B Integrator 5.1.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Graphical Process Modeler

Escalation ID: 98579

Fix ID: 209317, 202690, 233514

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX8531

Title: Graphical Process Modeler documentation points to the documentation for the wrong version

Description: In the Sterling B2B Integrator 5.0 Graphical Process Modeler, when the user selects 'Help > Help on the web' from the menu, the link points to the Gentran Integration Suite 4.3 documentation and not the Sterling B2B Integrator 5.0 documentation page.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Graphical Process Modeler

Escalation ID: 00152391

Fix ID: 219002, 233639

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX8404

Title: Sterling B2B Integrator Graphic Process Modeler not loading a process from Gentrant Integration Suite 4.3 with missing gpl.

Description: Some business processes that are migrated from 4.3 to 5.0 via the export/import function are not loading correctly in the Graphical Process Modeler. The modeler doesn't error when loading but there are no objects displayed. A new version of that business process will not load either. New business processes created in Sterling B2B Integrator 5.0 load fine in the Graphical Process Modeler. The console of the Graphical Process Modeler does show some exceptions.

To turn on the console for the Graphical Process Modeler follow this path from the command line of your client desktop or server (whichever system you are using to view the Graphical Process Modeler):

```
javaws -viewer
Java Control Panel > Advanced > Settings > Java console >
select Show Console
Error Message:
Exception in thread "AWT-EventQueue-0"
java.lang.NoClassDefFoundError: com/servername/util/BaseUtil
at com.servername.gbm.common.lang.bpml.v0_3.base.FlowParser.
parseFlow(FlowParser.java:127)
at com.servername.gbm.common.lang.bpml.v0_3.FlowParserWrapper.
parseProcess(FlowParserWrapper.java:93)
at com.servername.gbm.editor.lang.bpml.v0_3.LangFileReader.
readLangFile(LangFileReader.java:80)
at com.servername.gbm.common.ui.jgo.FlowDocument.handleLangFile
(FlowDocument.java:866)
at com.servername.gbm.common.ui.jgo.FlowDocument.open(FlowDocument.java:818)
at com.servername.gbm.editor.jgo.FlowBuilderMain.openFlow(
FlowBuilderMain.java:1187)
at com.servername.gbm.editor.jgo.FlowBuilderMain.openFlow(
FlowBuilderMain.java:1112)
at com.servername.gbm.editor.jgo.BuildMenu.actionPerformed(
BuildMenu.java:1380)
at com.servername.gbm.editor.jgo.actions.FlowAbstractAction.
actionPerformed(FlowAbstractAction.java:171)
at javax.swing.AbstractButton.fireActionPerformed(Unknown Source)
at javax.swing.AbstractButton$Handler.actionPerformed(Unknown Source)
at javax.swing.DefaultButtonModel.fireActionPerformed(Unknown Source)
at javax.swing.DefaultButtonModel.setPressed(Unknown Source)
at javax.swing.AbstractButton.doClick(Unknown Source)
at javax.swing.plaf.basic.BasicMenuItemUI.doClick(Unknown Source)
at javax.swing.plaf.basic.BasicMenuItemUI$Handler.mouseReleased(
Unknown Source)
at java.awt.AWTEventMulticaster.mouseReleased(Unknown Source)
at java.awt.AWTEventMulticaster.mouseReleased(Unknown Source)
at java.awt.Component.processMouseEvent(Unknown Source)
at javax.swing.JComponent.processMouseEvent(Unknown Source)
at java.awt.Component.processEvent(Unknown Source)
at java.awt.Container.processEvent(Unknown Source)
at java.awt.Component.dispatchEventImpl(Unknown Source)
```

```
at java.awt.Container.dispatchEventImpl(Unknown Source)
at java.awt.Component.dispatchEvent(Unknown Source)
at java.awt.LightweightDispatcher.retargetMouseEvent(Unknown Source)
at java.awt.LightweightDispatcher.processMouseEvent(Unknown Source)
at java.awt.LightweightDispatcher.dispatchEvent(Unknown Source)
at java.awt.Container.dispatchEventImpl(Unknown Source)
at java.awt.Window.dispatchEventImpl(Unknown Source)
at java.awt.Component.dispatchEvent(Unknown Source)
at java.awt.EventQueue.dispatchEvent(Unknown Source)
at java.awt.EventDispatchThread.pumpOneEventForHierarchy(Unknown Source)
at java.awt.EventDispatchThread.pumpEventsForHierarchy(Unknown Source)
at java.awt.EventDispatchThread.pumpEvents(Unknown Source)
at java.awt.EventDispatchThread.pumpEvents(Unknown Source)
at java.awt.EventDispatchThread.run(Unknown Source)
```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Graphical Process Modeler

Escalation ID: 135577

Fix ID: 213644, 233568

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX7779

Title: Business process life span or removal method in Graphical Process Modeler is not correctly set as the system default.

Description: If the business processes are modified using Graphical Process Modeler, then their system default removal method is changed to Archive even if the system default removal method in Archive Manager is set to Purge.

Error Message: No Error.

Resolution:

Apply Gentrant Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Graphical Process Modeler

Escalation ID: 00075899

Fix ID: 197523, 200601, 233301

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX7789

Title: Lock interval changes not working in Source Manager in the Graphical Process Modeler

Description: The Source Manager does not honor the lock time out setting that the user interface uses. There is a property in ui.properties that can be changed to control the amount of time that a lock is held when a business process is checked out via the user interface, but this setting does not have any affect on the Source Manager (in the Graphical Process Modeler). The Source Manager always defaults to 30 minutes, regardless of the setting.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Graphical Process Modeler

Escalation ID: 74720

Fix ID: 199830, 200625, 233303

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX6088

Title: In Graphical Process Modeler, source manager if session time's out, the displayed error dialog doesn't have a message in it.

Description: In Graphical Process Modeler --> Source Manager if session time's out, the displayed error dialog doesn't have a message in it.

Error Message: No error message

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Graphical Process Modeler

Escalation ID: 29170

Fix ID: 182526, 205516, 233441

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

Import/Export

InQuira ID: NFX6156

Title: Unable to import maps from command line using ImportMAPs.sh | cmd

Description: Unable to use ImportMAPS.sh/cmd command line

Error Message: NoClassdefFound Exception

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5003 or later which addresses the errors for importMAPs.cmd (Windows OS).

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later which addresses the errors for importMAPs.sh (UNIX/Linux OS).

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later .

Functional Area: Import/Export

Escalation ID: 00050066

Fix ID: 188637, 205340, 233556, 233432

Severity: Normal

Type: NormalFix

Build: 5003, 5006, 5101

InQuira ID: NFX7821

Title: Gentran Integration Suite Resource Import process is not working as expected when the destination system has gaps in version number

Description: Destination system has versions 1,2,3,5,7,8,9.

Observed results

-- If source system exports version 3, the destination version number becomes version 10 and the process works correctly.

-- If source system exports version 4 (this version doesn't exist in the destination system) the destination version number is applied as version 4, the sorting is messed up thus causing confusion for users

Expected Results

-- The import process should always evaluate the last version within the system and increment by 1.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later..

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later..

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later..

Functional Area: Import/Export

Escalation ID: 00069186

Fix ID: 193312, 198201, 233270

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX7723

Title: An imported Business Process may not retain the 'Transaction' setting

Description: When importing a Business Process with 'Enable Transaction' set to True, the setting may be lost after the import.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Import/Export

Escalation ID: 00117877

Fix ID: 206642, 233466

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX7736

Title: FTP Get using profile id imported from previous version fails with error

Description: FTP Get using profile id imported from previous version fails with error "Control connection has been closed unexpectedly".

Error Message: Control connection has been closed unexpectedly

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Import/Export

Escalation ID: QC

Fix ID: 200991, 206212, 233454

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX7737

Title: CDSA Adapter created in an earlier version of Gentran Integration Suite 4.3 is corrupted on import and cannot be used

Description: The file appeared to import into RCA single node successfully. However, when the adapter was viewed in the drop down for perimeter server, where you would normally see local and node 1 for a single adapter and external perimeter servers, the drop down showed no Perimeter Servers Available .

Error Message: No error message.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5101 or later.

Functional Area: Import/Export

Escalation ID: QC

Fix ID: 181981, 204945, 233421

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX8322

Title: While exporting a user without a "Password Policy" ERROR Couldn't find a matching resource for the password policy

Description: Exporting a user without password policy throws an error.

Error Message:

Status report

Export Object Name Operation Status Message

PWDPOLICY export ERROR Couldn't find a matching resource for the password policy

Resolution:

Apply Gentran Integration Suite 4.3 Build 4324 or later

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

The message,

PWDPOLICY export ERROR Couldn't find a matching resource for the password policy

has been updated in code to a warning,

PWDPOLICY export WARNING Couldn't find a matching resource for the password policy

Functional Area: Import/Export

Escalation ID: 139553

Fix ID: 218010, 212529, 233619

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX7963

Title: com.servername.profile.ie.Export Error '1' during export - Sterling Integrator 5.0

Description: Export.sh from the command line fails with a java NoClassDef found error

Error Message: The java class is not found: com.servername.profile.ie.Export Error '1' during export

Resolution:

The workaround:

1. Backup export.sh.in for safe keeping
2. Modify the export.sh.in with the changes below
3. Execute setupfiles.sh

```

${JAVA.EN_US}
-Dvendor=shell -DvendorFile=${PROP_DIR}/servers.properties
com.sterlingcommerce.woodstock.profile.ie.Export
$*
#:else
${JAVA.EN_US}
-Dvendor=shell -DvendorFile=${PROP_DIR}/servers.properties
com.sterlingcommerce.woodstock.profile.ie.Export
$*
With This
${JAVA.EN_US}
-classpath &INSTALL_DIR;/jar/bootstrapper.jar
-Dvendor=shell -DvendorFile=${PROP_DIR}/servers.properties
com.sterlingcommerce.woodstock.noapp.NoAppLoader
-class com.sterlingcommerce.woodstock.profile.ie.Export
-f ${PROP_DIR}/dynamicclasspath.cfg -invokeargs $*
#:else
${JAVA.EN_US}
-classpath &INSTALL_DIR;/jar/bootstrapper.jar
-Dvendor=shell -DvendorFile=${PROP_DIR}/servers.properties
com.sterlingcommerce.woodstock.noapp.NoAppLoader
-class com.sterlingcommerce.woodstock.profile.ie.Export
-f ${PROP_DIR}/dynamicclasspath.cfg -invokeargs $*
```

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Import/Export

Escalation ID: 120874

Fix ID: 208515, 233504

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX7130

Title: winconvert.cmd fails with java.lang.NoClassDefFoundError

Description: Sterling B2B Integrator 5.0 patch 5002 - Windows platform

Winconvert.cmd in the /tp_import directory fails with error. This happens even when not passing any parameters and just trying to get usage.

Note, the Linux/Unix version of this script works without issue.

Error Message:

```
D:\SterlingIntergrator50\install\tp_import>winconvert
Exception in thread "main" java.lang.ExceptionInInitializerError
at java.lang.Class.forName0(Native Method)
at java.lang.Class.forName(Class.java:242)
at com.sterlingcommerce.woodstock.noapp.NoAppLoader.main(NoAppLoader.java:70)
Caused by: org.apache.commons.logging.LogConfigurationException:
org.apache.commons.logging.LogConfigurationException:
java.lang.NoClassDefFoundError: org/apache/commons/logging/Log (Caused
by java.lang.NoClassDefFoundError: org/apache/commons/logging/Log)
(Caused by org.apache.commons.logging.LogConfigurationException:
java.lang.NoClassDefFoundError: org/apache/commons/logging/Log (Caused
by java.lang.NoClassDefFoundError: org/apache/commons/logging/Log))
at org.apache.commons.logging.impl.LogFactoryImpl.newInstance(
LogFactoryImpl.java:543)
at org.apache.commons.logging.impl.LogFactoryImpl.getInstance(
LogFactoryImpl.java:235)
at org.apache.commons.logging.impl.LogFactoryImpl.getInstance(
LogFactoryImpl.java:209)
at org.apache.commons.logging.LogFactory.getLog(LogFactory.java:351)
at com.sterlingcommerce.woodstock.profile.ie.gentrans.windows.
WinConverter.<clinit>(WinConverter.java:101)
... 3 more
Caused
by: org.apache.commons.logging.LogConfigurationException: java.lang.
NoClassDefFoundError:
org/apache/commons/logging/Log (Caused by java.lang.
NoClassDefFoundError:
org/apache/commons/logging/Log)
at org.apache.commons.logging.impl.LogFactoryImpl.getLogConstructor(
LogFactoryImpl.java:397)
at org.apache.commons.logging.impl.LogFactoryImpl.newInstance(
LogFactoryImpl.java:529)
... 7 more
Caused
by: java.lang.NoClassDefFoundError: org/apache/commons/logging/Log
at java.lang.ClassLoader.defineClass1(Native
Method)
at java.lang.ClassLoader.defineClass(ClassLoader.java:620)
at java.security.SecureClassLoader.defineClass(SecureClassLoader.java:124)
at java.net.URLClassLoader.defineClass(URLClassLoader.java:260)
at java.net.URLClassLoader.access$100(URLClassLoader.java:56)
at java.net.URLClassLoader$1.run(URLClassLoader.java:195)
at java.security.AccessController.doPrivileged(Native Method)
at java.net.URLClassLoader.findClass(URLClassLoader.java:188)
at java.lang.ClassLoader.loadClass(ClassLoader.java:306)
at sun.misc.Launcher$AppClassLoader.loadClass(Launcher.java:268)
at java.lang.ClassLoader.loadClass(ClassLoader.java:299)
at java.lang.ClassLoader.loadClass(ClassLoader.java:251)
at org.apache.commons.logging.impl.LogFactoryImpl$1.run(
LogFactoryImpl.java:441)
at java.security.AccessController.doPrivileged(Native Method)
at org.apache.commons.logging.impl.LogFactoryImpl.loadClass(
LogFactoryImpl.java:435)
at org.apache.commons.logging.impl.LogFactoryImpl.getLogConstructor(
LogFactoryImpl.java:376)
... 8 more
```

Resolution:

Apply Sterling B2B Integrator Release 5.0, Build 5006 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5101 or later.

As a workaround, please do the following:

1. Backup <SI Root>\install\tp_import\winconvert.cmd as a precaution.
2. Add the following to the the line in winconvert.cmd that begins with:
&JAVA_HOME_WIN;\bin\java %JAVA_OPTIONS% ...

```
&JAVA_HOME_WIN;\bin\java %JAVA_OPTIONS% -classpath
%INSTALL_DIR%\jar\bootstrapper.jar
-Dvendor=shell -DvendorFile=%PROP_DIR%\servers.properties
com.sterlingcommerce.woodstock.noapp.NoAppLoader
-class com.sterlingcommerce.woodstock.profile.ie.gentran.
windows.WinConverter
-f &PROP_DIR;/dynamicclasspath.cfg -invokeargs %*
```

3. Save and close the file.

4. Try running winconvert.cmd again.

Functional Area: Import/Export

Escalation ID: 00092002

Fix ID: 202844, 233361

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX7415

Title: Record already exists in the database, when importing a Routing Channel template

Description: When exporting a Routing Channel template from one Sterling File Gateway system, and importing on another, the template will not import if a template of the same name already exists on the importing Sterling File Gateway system.

During the import process a prompt appears: Some objects being imported may exist in the system. Do you wish to update them? When the Yes radio button is selected, the template still will not update on the importing system.

Error Message: The Import Report shows: Record already exists in the database

Resolution:

This behavior is by design. As noted in the Sterling File Gateway documentation, we don't allow Routing Channels, Routing Channel Templates or File Layer Types to be modified by an import operation, regardless of the 'Update Existing Object' selection.

The fix addresses this issue by updating the Import Report Message generated when attempt is made to import existing Sterling File Gateway object. New message will indicated that existing objects are not updated by import operations.

New Messages will read:

Routing Channel Template <i><RCT_NAME> </i>already exists and will not be modified. Routing Channel Template objects can not be updated by an import operation.

In the general case where a customer wishes to update routing channel templates used one or more existing routing channels, they should follow these steps from Sterling File Gateway UI:

1. Make a copy of the routing channel template they wish to modify and make the modifications to the copy
2. From the Routes->Channels page, search for and select all routing channels using the original routing channel template. Multiple RCs can be selected at once.
3. Click the 'Edit' button to edit the selected RCs and select the modified copy of the routing channel template, created in step 1. This will edit all selected RCs to use the new RCT which contains the desired modifications.
4. Optionally: delete the original RCT as it is no longer used by any RCs.

Apply Sterling B2B Integrator, Release 5.0 build 5006 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.1 build 5101 or later.

Functional Area: Import/Export

Escalation ID: 104280

Fix ID: 207331, 204259, 233483

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9500

Title: If an out of memory occurs during an import of a map the event is not written into the logs.

Description: If there is an out of memory when importing a map, it is difficult to track the issue because there is no message written into the logs to indicate what happened.

Error Message: No error message.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

This will fire an admin audit event to catch the out of memory.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Import/Export

Escalation ID: 00148794

Fix ID: 214948, 214949, 233580

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX9444

Title: Exported schedule does not run on the imported system

Description: Using Gentran Integration Suite 4.3 build 4316 or Sterling B2B Integrator 5.0 build 5002.

A exported schedule does not run on the imported system.

Error Message:

noapp.log reports:

```
[2009-04-08 11:20:56.536]
ALL 000340180211 UTIL.FRAME_SCHEDULE.INFO_ScheduleServerWorker3
[ScheduleServerWorker] found 0 schedules to load [2009-04-23 11:44:00.352]
ERROR 000310180136 UTIL.FRAME_SCHEDULE.ERR_updateSchedule_Schedule
[ScheduleServerWorker] updateSchedule(Schedule): Could not find
Schedule < scheduleID: '37' scheduleType:'1' scheduleTypeID: '1095'
serviceName:'BGD_FSA' params: '' executionCount:'-1'
executionCurrentCount: '0'
executionStatus:'WAIT' status: 'ACTIVE' systemName:'node2'
execOnMinute: '0'
userID:'admin'
timingXML: '<timingxml><days><day
ofWeek="-1"><times><timeRange><range>0000-2359</range>
<interval>5</interval>
<onMinute>0</onMinute></timeRange></times>
</day></days><excludedDates>
</excludedDates></timingxml>' organizationKey:'null'
xapiMethodName: 'null'
xapiXML:'null'
>
```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Two options are possible to work around this problem.

- Make sure you import from the same node that you exported from. You should be able to see which node was exported from by looking at the tag SCHEDULE_SYSTEMNAME in the Export.xml resource file.
- Modify the Export.xml resource file and re import the schedule. Search for 2 XML Tags named "targetenv" and "SCHEDULE_SYSTEMNAME". Replace the values associated with these tags to be the name of the node you are importing to. Caution: Changing the targetenv may change behavior of the service(s). Delete the existing schedule before re importing the altered Export.xml resource file.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Import/Export

Escalation ID: 27982

Fix ID: 205479, 181701, 233438

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9247

Title: Exported representation of an identity does not include its ORGANIZATION_CODE

Description: The exported representation of an identity does not include its ORGANIZATION_CODE. It just includes the ORGANIZATION_NAME.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Import/Export

Escalation ID: 00048891

Fix ID: 196731, 233263

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX8626

Title: Name-Value pairs are not exported together with scheduled BP

Description: When a scheduled BP is exported, Name-Value pairs are not exported together so the BP will fail without those Name-Value pair being passed as parameters in the export file.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Import/Export

Escalation ID: 158172

Fix ID: 217577, 233609

Severity: Normal

Type: NormalFix

Build: 5006, 5101

Import/Export, Advanced File Transfer

InQuira ID: NFX5112

Title: An HTTP error is generated when searching for Communities in Sterling File Gateway

Description: Problem reported using Gentran Integration Suite 4.3 Build 4318 with File Gateway 1.1. The problem can also occur when using Sterling B2B Integrator 5.0 with File Gateway 2.0.

When clicking on Participants > Communities to bring up the list of communities generates an HTTP error.

A scenario that could cause the reported problem is as follows:

1. Export the community from the test instance.
2. Import into a production instance.
3. Delete and rebuild the community on the test instance, then export the community from the test instance and import into production a second time.

This sequence causes a problem in the community built in production.

Error Message:

```
HTTP
ERROR reported on the user panel: 500
ProfileFinderException+retrieving+EntityProxy+object%3
A++Entity+findByUniqueColumn%3A+No+matches+foun
d+where++OBJECT%5FID+%3D+23ee940f%3A11ef857
3709%3A%2D3e6e
RequestURI=/aft/ViewCommunities.do
```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Workaround:

Delete or remove like named communities prior to an import. With the fix applied, the import of liked named communities will update previously existing communities without first deleting the community. The HTTP error is eliminated.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Fix ID's:

194144

196036

208713

201006

233317

Functional Area: Import/Export, Advanced File Transfer

Escalation ID: 68688

Fix ID: 194144, 196036, 208713, 201006

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

Index/Purge

InQuira ID: NFX9243

Title: The PurgeAll.sh script does not truncate data from the TRANS_DATA table

Description: The PurgeAll.sh script does not truncate data from the TRANS_DATA table. This causes long runtime for purge.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Index/Purge

Escalation ID: 00041237

Fix ID: 191851, 233248

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX8286

Title: DOCUMENT's associated to associateBPsToDoc could get the wrong lifespan

Description: Lifespan for the failed SFTP is 93 days which is defined in visibility.property dataflow_lifespan=93. When associateBPsToDoc runs it attaches a wf_id for all the docs but the life_span for this one failed DOCUMENT is still at 93 days and therefore when associateBPsToDoc indexes it see's this LIFE_SPAN and sets this associateBPsToDoc to 93 days instead of the 2 days which is the default for this bp.

Error Message: No error messages. You will just see that some documents stay in Gentran Integration Suite too long and these can be tracked to associateBPsToDoc.

Resolution:

Apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Version 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Version 5.1 Build 5101 or later.

Functional Area: Index/Purge

Escalation ID: 00081760

Fix ID: 201145, 205275, 205268, 233431

Severity: Normal

Type: NormalFix

Build: 4222, 4324, 5006, 5101

Installation

InQuira ID: NFX7799

Title: Scripts missing in Sterling B2B Integrator 5.0 - start_gis_console.cmd, start_noapp_console.cmd ,etc

Description: In past versions of Gentran Integration Suite/Sterling Integrator, there were scripts that allowed to start the application in console mode and consequently take thread dumps (specially when Gentran Integration Suite was running on Windows).

Error Message: The scripts are missing from the <GIS_INSTALL>/bin directory for Sterling B2B Integrator 5.0

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Installation

Escalation ID: 102852

Fix ID: 203071, 233366

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX7820

Title: Hardstop.cmd when called from within the JVM, will fail when the hour or minute is 08 or 09 on a Gentran Integration Suite system on Windows

Description: Hardstop.cmd when called from within the JVM, will fail when the hour or minute is 08 or 09 on a Gentran Integration Suite system on Windows.

Error Message: N/A

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Installation

Escalation ID: 56014

Fix ID: 191274, 208089, 233494

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX9270

Title: Exceptions/errors after upgrading to Sterling B2B Integrator, Release 5.0 Build 5003 installation package

Description: Exceptions/errors after upgrading to Sterling B2B Integrator, Release 5.0 Build 5003 installation package from Gentran Integration Suite, Release 4.2 Build 4220

Error Message:

java.lang.Exception: [logger] getErrorCode() ErrorCodes properties not found and java.lang.NumberFormatException: null are found in system.log

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5101 or later.

Functional Area: Installation

Escalation ID: QC

Fix ID: 205758, 233447

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9598

Title: Error received when starting the Gentran Integration Suite/Sterling Integrator system after applying a hotfix jar to a system with a generic hotfix applied

Description: Error received when starting the Gentran Integration Suite/Sterling Integrator system after applying a hotfix jar to a system with a generic hotfix applied

As an example, the system had been patched to with the generic hotfix jar 4322_2, after applying a hotfix jar the following error is received when Gentran Integration Suite starts:

Gentran Integration Suite is not properly patched with the latest File Gateway hotfix jar for , you must install the File Gateway hot fix jar.

4322_2 installation creates 2 files:

```
***hotfix.properties ***
```

```
#Properties for hotfix
```

```
#Wed Jun 16 10:18:35 EDT 2010
```

```
HotfixVersion=
```

```
and
```

```
***hotfix.properties_filegateway_ext***
```

```
filegateway_HotfixVersion=4322_2
```

With the hotfix jar is applied, the "HotfixVersion" property in the hotfix.properties file is removed, but the "filegateway_HotfixVersion" property in the hotfix.properties_filegateway_ext file does not get removed. This fails the CheckFgVersion check while startup and hence Sterling B2B Integrator does not start.

Error Message: Gentran Integration Suite is not properly patched with the latest File Gateway hotfix jar for , you must install the File Gateway hot fix jar.

Resolution:

With this patch, the filegateway_HotfixVersion value in the hotfix.properties_filegateway_ext file is also removed.

Apply Gentran Integration Suite, Release 4.3 Build 4323 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Installation

Escalation ID: 00157108

Fix ID: 225388, 225695, 233755

Severity: Normal

Type: NormalFix

Build: 4323, 5006, 5101

InstallService

InQuira ID: NFX9790

Title: Error when running the dump_info command on Windows installs

Description: After patching Sterling B2B Integrator Release 5.0 to Build 5004 on a Windows operating system, the error noted below may be noticed when executing the dump_info.cmd script.

The script will report all of the expected information, it will simply log this error at the very end of the execution. This error should in no way impact the script execution or Sterling B2B Integrator operations.

Error Message:

```
<JVMProperties>  
Java version: 1.6.0_14,Sun Microsystems Inc.  
Java VM: Java HotSpot(TM) Client VM 14.0-b16,Sun Microsystems Inc.  
OS-System: Windows 2003 5.2,x86  
</JVMProperties>  
Error '3' getting license information
```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: InstallService

Escalation ID: 161392

Fix ID: 228142, 233787

Severity: Normal

Type: NormalFix

Build: 5006, 5101

Mailbox

InQuira ID: NFX7696

Title: Unable to view trading partners mailbox while logging into the mailbox interface

Description: When an AS2 profile is created using the AS2 wizard, choose mailbox for file storage, and have an & in the profile name, there is not a prompt telling you the & symbol is invalid and none of th users are able to see the trading partners mailboxes. This happens when logging into /mailbox URI selecting /AS2 to see the /AS2/Trading partners mailbox. If you select /AS2 it keeps appending /AS2 to the path of the mailbox without displaying any trading partner child mailboxes. If you select any other mailbox names they get appended to the /AS2 mailbox path as well even though they aren't children of /AS2.

Recreating the trading partner without the & resolves this issue.

Error Message: No errors. Incorrect performance.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Mailbox

Escalation ID: 116198

Fix ID: 210457, 233532

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX7263

Title: Business Process errors out with "AbsolutePath not child of RootPath" when MailboxPath is not specified in BP.

Description: Gentran Integration Suite documentation states that MailboxPath is optional, if the user is assigned Mailbox Global Query permission.

However when the user is assigned Mailbox Global Query permission and MailboxPath is not specified in bp, then then bp errors out with "AbsolutePath not child of RootPath".

Error Message:

ERROR
MailboxQueryService - Caught exception of type
[com.sterlingcommerce.woodstock.mailbox.repository.MailboxRepositoryException],
with message [AbsolutePath not child of RootPath].

Resolution:

Apply Gentran Integration Suite 4.3 Patch/Build 4322 or later.

Apply Sterling B2B Integrator Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator Release 5.1 Build 5101 or later.

Functional Area: Mailbox

Escalation ID: 00082675

Fix ID: 197216, 202282, 233347

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX6417

Title: "Evaluate now" functionality of automatic RR to process "unread messages only"

Description: Currently, when the "Evaluate Now" button is clicked (Deployment -> Mailboxes -> Routing Rules) for Automatically evaluated routing rules (Evaluate Automatically = Yes), all the messages which are extractable are processed (even though the messages have extracted before).

Currently when Schedule_MailboxEvaluateAllAutomaticRules executes, it evaluate the "Automatic" routing rules and process only the messages that are "unread".

Customer wants the functionality to work such that when the Evaluate Now button is clicked (Deployment -> Mailboxes -> Routing Rules) for Automatically evaluated routing rules (Evaluate Automatically = Yes), only the messages that are "unread" should be processed. In other words, this functionality should behave the same way as Schedule_MailboxEvaluateAllAutomaticRules.

Error Message: N/A

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Mailbox

Escalation ID: 00055780

Fix ID: 190953, 213145, 233562

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX7061

Title: XSLT Service errors out when document encryption is turned ON

Description: XSLT Service errors out when document encryption is turned ON. The defaultDocumentStorageType is set to database and the input to XSLT Service is an extracted document from mailbox.

Error Message:

Status report on 2009-08-28 14:41:07.191 for service: XSLT Service:

Report consists of 9 messages

```
[2009-08-28 14:41:04.825]
Message: Starting service
[2009-08-28 14:41:04.825]
Message: Retrieved input parameter: xslt_name: XSLT_PreProcess_StripExtras_ATG_S12
[2009-08-28 14:41:04.825]
Message: Retrieved input parameter: xml_input_from: PrimaryDoc
[2009-08-28 14:41:04.825]
Message: Retrieved input parameter: xml_input_validation: NO
[2009-08-28 14:41:04.831]
Message: Successfully loaded template.
[2009-08-28 14:41:04.832]
Message: Getting input XML.
[2009-08-28 14:41:04.832]
Message: Successfully retrieved the document [2009-08-28 14:41:04.832]
Message: Got Primary Doc
[2009-08-28 14:41:07.088]
ERROR: XSLT Service failed. Failed to transform document
Exception: XSLTTransformer: Transformer Exception: Failed to do
transformation. Details: org.apache.xerces.impl.io.MalformedByteSequenceException:
Invalid byte 1 of 1-byte UTF-8 sequence.
The total number of errors is: 1
All the error messages:
[2009-08-28 14:41:07.088]
ERROR:
XSLT Service failed. Failed to transform document Exception: XSLTTransformer:
Transformer Exception:
Failed to do transformation. Details: org.apache.xerces.impl.io.MalformedByteSequenceException:
Invalid byte 1 of 1-byte UTF-8 sequence.
End of report
```

Resolution:

Apply Gentrans Integration Suite si_43_build_4322_generic_hotfix_1.jar (generic hotfix) or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Mailbox

Escalation ID: 00081666

Fix ID: 196772, 204672, 233411

Severity: Normal

Type: NormalFix

Build: 4322, 4322_1, 5006, 5101

Map Editor

InQuira ID: NFX7062

Title: Prefix + sign of Numeric field will be at the wrong place in the output for right justified field

Description: Prefix + sign of Numeric field will be at the wrong place in the output for right justified field when the flag - "Field positions are specified in bytes" is turned ON in the Record Tab of the properties window of the OUTPUT.

Issue occurs in the following conditions:

- prefix '+' is used for the input field
- when right justified for the linked output field
- when the flag - "Field positions are specified in bytes" is ON in the Record Tab of the properties window of the OUTPUT

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Map Editor

Escalation ID: 83385

Fix ID: 198098, 200229, 233291

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX7007

Title: Inserting a large number (64 bit integer) using an ODBC Map to Oracle database causes numerical overflow

Description: Inserting a large number (64 bit integer) using an ODBC Map to Oracle database is causing a numerical overflow. Since Gentran Integration Suite/Sterling B2B Integrator supports 64 bit integer, "N0" should also correctly handle the 64 bit integer.

Error Message: N/A

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Map Editor

Escalation ID: 70102

Fix ID: 194388, 197208, 233266

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX6887

Title: The Map Editor should throw a Warning if Field Length value exceeds the current supported length

Description: The customer wants to define the length of a String field in a Record in the Map Editor. He wants his field length to be 999999. This is not currently supported in the Map Editor. The current maximum length of a field is 64k. When a number greater than 64k (65535 bytes) is entered for the field length, it is truncated to 16-bit.

For example, if a field length of 99999 is entered it will change to 34463, the low 16 bits of 99999.

However, no warning or error is thrown in the Map Editor to make the user aware of this restriction. So when the value 999999 is entered on the Validation screen 'in the background' this is changed by the mapper to be 16959.

Error Message: no errors

Resolution:

Apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Map Editor

Escalation ID: 83941

Fix ID: 200578, 197844, 200582, 233300

Severity: Normal

Type: NormalFix

Build: 4322, 4222, 5006, 5101

InQuira ID: NFX6924

Title: Numeric fields do not error when the length is greater than the max length

Description: Numeric data that the total has more characters than what is set as the Max Length in the Validation tab does not issue Translation Error. This issue seems to be only when the total number of characters to the left of the decimal are less than the max length.

FOR EXAMPLE

data = 123456.789

Validation tab is set for R3 min0 max8

-Will not throw an error for Data Too Long.

data = 123456789.999

same validation as above

-Will throw error 112 Data Too Long.

The difference is in the first example there are 6 characters to the left of the decimal and in the second 9.

This occurs when format is delimited, as well as either the INPUT or OUTPUT side of the map.

The issue only occurs when the format of the field is R, if it were implied (N3) the error would generate as it should.

Error Message:

112 Data Too Long error should be issued in each of the above examples specified, not only when the number of characters to the left of the decimal are greater than the max length of the Validation tab.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

After the patch has been applied, please download and re-install the Map Editor.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Map Editor

Escalation ID: 85471

Fix ID: 198369, 200413, 233295

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX6833

Title: Extended rule compiles without error when compiling the map, but errors out when compiling the rule at the field level

Description: Extended rule compiles without error when compiling the map, but errors out when compiling the rule at the field level.

The extended rule references a field in another group, that is promoted to parent.

Error Message:

ERROR 2001, Line # : 'field' is not a member of 'Group'

Ex: ERROR 2001, Line 1 : 'Address' is not a member of 'Input'

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

After installing the patch, download and reinstall the Map Editor.

Functional Area: Map Editor

Escalation ID: 47469

Fix ID: 187159, 200284, 233294

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX6844

Title: When dividing two numbers and the result is to be 0.# only 0 is present in the data. The output is rounded to 0.

Description: When dividing two numbers and the result is to be 0.# only 0 is present in the data.

If input data 0.000001 is a real (r9) to real (r9) the output after dividing is correct.

$0.000001/10 = 0.0000001$

However if the input format is a string and is converted using aton or atoi syntax the output shows 0.

```
#div10 =aton($Data.#inputfield)/10;
```

```
#div10= 0 where is should be 0.0000001
```

If the input data is 1.000001 or 1.1 and the same operation is performed as above:

$1.000001/10 = .1$ even though the output field is r9 and the output should be 1.0000001

Error Message: No error messages are given.

Resolution:

Please Apply Gentran Integration Suite, Release 4.2 Build 4223.

Please Apply Gentran Integration Suite, Release 4.3 Build 4324.

Please Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

After the patch has been applied, please download and re-install the Map Editor

Please Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

WORKAROUND

If the operation were changed to multiplication then the correct output is returned even when converting the string with atoi and aton.

Also have all the fields involved be real without using any string to number conversion.

Functional Area: Map Editor

Escalation ID: 147186, 76258

Fix ID: 198162, 214803, 203101, 233367

Severity: Normal

Type: NormalFix

Build: 4223, 4324, 5006, 5101

InQuira ID: NFX7385

Title: The Map Editor crashes when promoting a group with an extended rule.

Description: The Map Editor crashes when promoting a group with an extended rule using Build 5002 and 4320. Testing shows this may also effect Build 4317 and 4319 as well.

Error Message: Windows error

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

After the patch has been applied, please download and reinstall the Map Editor.

Workaround: Copy and Paste group and change the max loop to 1

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Map Editor

Escalation ID: 102756

Fix ID: 203862, 203395, 233390

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX7597

Title: Extended rule using collate function does not compile - ERROR 1003.Line 4,expected ','

Description: Using the SORT_COLLATE_TEST sample map it gives an error on the line where the collate function is used.

```
collate ($STORES_GROUP, #STOR_ID ASC,$SALES_GROUP, #STOR_ID1  
ASC,$RESULT) ;
```

Error Message: ERROR 1003.Line 4,expected ','

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later

After installing the patch, download and reinstall the map editor.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Map Editor

Escalation ID: 110400

Fix ID: 212645, 205360, 233559

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX7539

Title: Error when opening map in map editor. 'maxLength constraint failed'

Description: Error when opening a map that was saved in map editor from build 4306 (map saved in mxl format)

Error Message:

Pop-up error window in map editor

maxLength constraint failed. The element: '{http://www.stercomm.com/SI/map}Format' has an invalid value according to its data type.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Map Editor

Escalation ID: 108971

Fix ID: 215346, 214498, 233585

Severity: Critical

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX8304

Title: Error when opening .mxl in mapper of Sterling Integrator 5003 "Element content is invalid according to the DTD/Schema. Expecting: {http:/

Description: Error when opening .mxl in mapper of Sterling Integrator 5003 "Element content is invalid according to the DTD/Schema. Expecting: {http://www.stercomm.com/SI/Map }BlockSig

Code was added in a Record-Tag . Map was compiled and saved as .mxl. Map can not be reopened.

Same was done but now map was saved as .map and .map can be opened again

Error Message:

Element content is invalid according to the DTD/Schema. Expecting: {
http://www.stercomm.com/SI/Map } BlockSig

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Please re-install the Sterling Integrator Map Editor after updating to 5006.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Map Editor

Escalation ID: 00139393

Fix ID: 214896, 233578

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX8246

Title: Release character "?" is failing EDIFACT->POSITIONAL map on Sterling B2B Integrator 5003

Description: In this line in the data, the release character should mean that the item number (element 7140) is ?

LIN+++??::SVK'

However, the item number is being interpreted as blank and this is then giving a "mandatory data missing" error.

Error Message:

Section: INPUT Severity: ERROR

SyntaxSpecific: false Syntax: -1 Code: 100 Mandatory Data Missing

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

After the patch has been applied, please download and re-install the Map Editor.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Map Editor

Escalation ID: 00136268

Fix ID: 212377, 215492, 233555

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX8172

Title: Translator goes into an infinite loop if SQL result set is larger than maximum specified in the map.

Description: Translator goes into an infinite loop if SQL result set is larger than maximum specified in the map.

Error Message: No error is issued and the process needs to be canceled.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

After the patch has been applied, please download and reinstall the Map Editor.

As a work around be set the max use to higher than the result set returned from the SQL statement.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Map Editor

Escalation ID: 134033

Fix ID: 210981, 217400, 233542

Severity: Critical

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9273

Title: Map Editor crashes while compiling maps

Description: Map Editor crashes while compiling maps after removing the existing data source and adding a new data source. It does not occur when ODBC connection parameters are directly updated.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Map Editor

Escalation ID: QC

Fix ID: 203826, 233388

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9430

Title: Japanese characters '?' (0x835E) and '?' (0x835C) cannot be output by extended rules.

Description: Japanese characters '?' (0x835E) and '?' (0x835C) cannot be output by extended rules. Here is the extended rule used in one of the output fields:

1. 835E can be obtained in the output if we specify with hex code, but cannot by normal way.

2. Unable to compile 835C. Map Editor gives error when compiled with 835C.

3. Values for fields - #F0:6\#F0:7 is an example which has no problem in output.

```
#F0:2="?";
```

```
#F0:3="^83^5E";
```

```
//#F0:4=" ?";
```

```
#F0:5="?^";
```

```
#F0:6="?";
```

```
#F0:7="^83^60";
```

1. When a map test is done the Output for #F0:2 is '?' (in case of UNIX, no value at all). But it should be '?'.

2. In the above extended rule, if line #3 is uncommented and value '?' is assigned to field - #F0:4 and compiled, following error message will be obtained.

-->> Getting unreasonable errors

3. Output in MapTestTxResult.txt file :

```
OUT,?,?,?,?,,,,,
```

But the ExpectedResult is :

OUT,?,?,?,?,?,,,,,,,,,

Those behaviors are same on any version of Gentran Integration Suite/Sterling Integrator.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Map Editor

Escalation ID: 126651

Fix ID: 208701, 233507

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX6370

Title: Map editor crashes when adding element and attribute to a XML map

Description: Adding an element and an attribute to the output side of an XML map, makes the map editor crash.

Error Message: Map Editor has encountered a problem and needs to close. We are sorry for the inconvenience.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

After the patch has been applied, please download and re-install the Map Editor.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Map Editor

Escalation ID: 58685

Fix ID: 195088, 198712, 233274

Severity: Critical

Type: NormalFix

Build: 4322, 5006, 5101

MESA Studio

InQuira ID: NFX9594

Title: Sterling B2B Integrator 5.0 5003 - Mesa developer studio does not change color scheme

Description: In MESA Developer Studio, you can change the tree header color and icons (so that users can identify what environment they are login into). In MESA Studio you can change and deploy, however the changes are not made in the screens in Sterling B2B Integrator.

Error Message: Sterling B2B Integrator color appearance does not change as expected.

Resolution:

Workaround:

1. Make your changes from MESA and deploy to Sterling B2B Integrator as instructed.
2. Once deployed from MESA, manually move 2 files(admin.css and neotree.css) to the correct place:

From the Sterling B2B Integrator installation directory:

COPY neotree.css and admin.css FROM:

install/container/Applications/admin/css/blue

COPY TO:

install/repository/eardata/admin/war/css/blue

3. From the bin directory run deployer.sh
4. Restart Sterling Integrator.
5. Try the screens again.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: MESA Studio

Escalation ID: 120874

Fix ID: 218663, 233632

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX8238

Title: Sterling Integrator Mesa Skin Editor displays Gentran Integration Suite

Description: Sterling B2B Integrator Mesa Studio Skin Editor displays screen from Gentran Integration Suite. Same screens are displayed even if skins are downloaded from Sterling B2B Integrator Instances.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Mesa Studio

Escalation ID: 00134109

Fix ID: 211040, 233544

Severity: Normal

Type: NormalFix

Build: 5006, 5101

MyFileGateway

InQuira ID: NFX7543

Title: An error is generated when trying to select Sterling File Gateway reports over a secure connection (https).

Description: Connected over a secure https connection.

The html format report works fine. The .pdf and .xls formats do not work, it results in Internet Explorer "cannot display the webpage". Html reports are successful over an https connection. Customer reported same issues if using SSP and when not using SSP.

Tested with IE 8, and successfully generated a report and downloaded a pdf file. Firefox succeeded too.

Error Message: Internet Explorer cannot display the webpage

Resolution:

Workaround on Browser IE7: Change browser settings: Go to Tools > Internet Options > Advanced. Under the Security setting, place a check in front of the option: Do not save encrypted pages to disk.

In the permanent resolution t here were some additional response headers that needed to be set in the code when dealing with HTTPS protocol on IE 7.0 browser.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: MyFileGateway

Escalation ID: 109399

Fix ID: 205009, 233425

Severity: Normal

Type: NormalFix

Build: 5006, 5101

Partner Management

InQuira ID: NFX8145

Title: The user account information complains of password length error

Description: When editing a partner on the User Account information page of the wizard, the page complains about the length of the password, when no password change is being requested and the existing password is longer than the length mentioned in the error.

Error Message: N/A

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Partner Management

Escalation ID: QC

Fix ID: 196729, 196727, 233262

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX7653

Title: Boolean choice is not honored at runtime in the FileGatewayDeliverFTP

Description: The "Upload file under temp name first" boolean choice is not honored at runtime in the FileGatewayDeliverFTP business process for the FTP listening consumer configuration.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Partner Management

Escalation ID: QC

Fix ID: 203564, 233379

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX5573

Title: Deleted User ID in Sterling Integrator cannot be recreated in Sterling File gateway using the same name

Description: After deleting a dashboard User ID in Sterling Integrator, it is not possible to create a User ID with the same name in Sterling File Gateway.

Error Message: User Name just entered already exists. Please enter a unique name.

Resolution:

You can create User IDs deleted in Sterling Integrator using the same name in Sterling File Gateway and vice-versa.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

(See also NFX6996)

Functional Area: Partner Management

Escalation ID: 00048493

Fix ID: 186418, 233244

Severity: Normal

Type: NormalFix

Build: 5006, 5101

Performance

InQuira ID: NFX5629

Title: Gentran Integration Suite 4.3 & Sterling B2B Integrator 5.0 - 2-node Cluster sends alerts about one of the nodes being down

Description: It seems like whenever the CPU usage on node1 spikes up to 100%, node2 is unable to communicate with it and starts sending alert emails that node1 has gone down. Node1, however, is up and running, processing long-running translation processes.

Error Message:

An email gets triggered to the Gentran Integration Suite admin stating that the node went down. Which is not accurate - perhaps the node slowed down but the node itself did not crash or stopped.

This is a request to change the verbiage on the email so that it does not state such a panic message when in fact the node did not go down.

Resolution:

Apply Gentran Integration Suite Release 4.3 Build 4322 or later

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Performance

Escalation ID: 00026067

Fix ID: 183117, 209508, 233517

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX8143

Title: 8-50% drop in throughput in perimeter service communication tests

Description: There is 8-50% drop in throughput in perimeter service communication tests and errors are found in the perimeter logs.

Slow SFTP transfers are a possible symptom.

Error Message: Errors are found in the perimeter logs.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Performance

Escalation ID: QC

Fix ID: 197385, 211526, 233550

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX8284

Title: MergeDocument Service causes OutOfMemory (OOM)

Description: MergeDocument service will cause an Out of Memory situation when trying to merge two large documents. This was caused as it tries to put both the documents in the memory to start the merge process.

Error Message: A java OutOfMemoryException is thrown (written) to Gentran Integration Suite logs, usually noapp log.

Resolution:

MergeDocument Service is now modified to use streaming so that it can handle large documents without throwing OOMs.

Apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Performance

Escalation ID: 00079621

Fix ID: 199663, 200997, 200998, 233316

Severity: Normal

Type: NormalFix

Build: 4222, 4322, 5006, 5101

InQuira ID: NFX7156

Title: Unable to create new native thread Out of Memory OOM, with a large amount of RMI TCP connections threads being created

Description: Receiving a Native Thread Out of Memory on various nodes of a 5 node cluster right after a total restart of the entire cluster. This is intermittent but there are a large amount of RMI TCP connections threads being created. The thread dump shows over 600 threads at time of OOM with the following java dump:

```
at java.net.SocketInputStream.socketRead0(Native Method)
at java.net.SocketInputStream.read(SocketInputStream.java:129)
at java.io.BufferedInputStream.fill(BufferedInputStream.java:218)
at java.io.BufferedInputStream.read(BufferedInputStream.java:235)
-locked [0x06456260] (a java.io.BufferedInputStream)
at java.io.DataInputStream.readByte(DataInputStream.java:241)
at sun.rmi.transport.StreamRemoteCall.executeCall(
StreamRemoteCall.java:189)
at sun.rmi.server.UnicastRef.invoke(UnicastRef.java:126)
at com.servename.workflow.engine.WorkFlowEngineRMIImpl_
Stub.lockRMI(WorkFlowEngineRMIImpl_Stub.java:185)
at com.servename.util.frame.lock.LockManager.lockRMI(
LockManager.java:2599)
at com.servename.workflow.engine.WorkFlowEngineRMIImpl.
lockRMI(WorkFlowEngineRMIImpl.java:2926)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(
NativeMethodAccessorImpl.java:39)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(
DelegatingMethodAccessorImpl.java:25)
at java.lang.reflect.Method.invoke(Method.java:585)
at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:294)
at sun.rmi.transport.Transport$1.run(Transport.java:153)
at java.security.AccessController.doPrivileged(Native Method)
at sun.rmi.transport.Transport.serviceCall(Transport.java:149)
at sun.rmi.transport.tcp.TCPTransport.handleMessages(
TCPTransport.java:466)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(
TCPTransport.java:707)
at java.lang.Thread.run(Thread.java:595)
```

Error Message:

```
GLOBAL_SCOPE java.lang.OutOfMemoryError: unable to create new
native thread
  at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(
TCPTransport.java:707)
  at java.lang.Thread.run(Thread.java:595)
  at sun.rmi.transport.StreamRemoteCall.exceptionReceivedFromServer(
StreamRemoteCall.java:247)
  at sun.rmi.transport.StreamRemoteCall.executeCall(
StreamRemoteCall.java:223)
  at sun.rmi.server.UnicastRef.invoke(UnicastRef.java:126)
  at com.servename.workflow.engine.WorkFlowEngineRMIImpl_
Stub.lockRMI(WorkFlowEngineRMIImpl_Stub.java:185)
  at com.servename.util.frame.lock.LockManager.lockRMI(
LockManager.java:2599)
  at com.servename.workflow.engine.WorkFlowEngineRMIImpl.
lockRMI(WorkFlowEngineRMIImpl.java:2926)
  at sun.reflect.GeneratedMethodAccessor252.invoke(Unknown Source)
  at sun.reflect.DelegatingMethodAccessorImpl.invoke(
DelegatingMethodAccessorImpl.java:25)
  at java.lang.reflect.Method.invoke(Method.java:585)
  at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:294)
  at sun.rmi.transport.Transport$1.run(Transport.java:153)
  at java.security.AccessController.doPrivileged(Native Method)
  at sun.rmi.transport.Transport.serviceCall(Transport.java:149)
  at sun.rmi.transport.tcp.TCPTransport.handleMessages(
TCPTransport.java:466)
  at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(
TCPTransport.java:707)
  at java.lang.Thread.run(Thread.java:595)
```

Resolution:

Apply Sterling B2B Integrator, Version 5.0 Build 5006 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Version 5.1 Build 5101 or later.

Functional Area: Performance

Escalation ID: 90196

Fix ID: 205729, 202115, 233446

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX6461

Title: Gentran Integration Suite 4.2 4220 & Sterling B2B Integrator 5.0 - 2 node cluster - Out of Memory error and Gentran Integration Suite system is non-responsive.

Description: Gentran Integration Suite becomes non responsive and produces an OutOfMemory error in the logs. Garbage collection shows heap fragmentation -which means that the heap has not reached its full capacity, however OutOfMemory errors are being thrown to the Gentran Integration Suite logs. This usually happens when a process is requesting a large chunk of contiguous amount of memory and the jvm is not able to satisfy such request. Please see below for specific errors.

Error Message:

noapp.log.D*

```
[2009-08-25 00:47:49.176]
ALL 000000000000 GLOBAL_SCOPE java.lang.OutOfMemoryError
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE at
java.io.ByteArrayOutputStream.write(ByteArrayOutputStream.java(
Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE
at com.servername.util.frame.jdbc.IJDBCVarData.decompress(
IJDBCVarData.java(Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE
at com.servername.util.frame.jdbc.IJDBCVarData.rebuildBlob(
IJDBCVarData.java(Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE
at com.servername.util.frame.jdbc.IJDBCVarData.selectBlob(
IJDBCVarData.java(Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000
GLOBAL_SCOPE at com.servername.util.frame.jdbc.IJDBCVarData.
getBlob(IJDBCVarData.java(Inlined Compiled
Code))
[2009-08-25 00:47:49.176] ALL 000000000000
GLOBAL_SCOPE at com.servername.util.frame.jdbc.IJDBCVarData.
getBlob(IJDBCVarData.java(Inlined Compiled
Code))
[2009-08-25 00:47:49.176] ALL 000000000000
GLOBAL_SCOPE at com.servername.util.frame.jdbc.IJDBCVarData.
getBlob(IJDBCVarData.java(Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE
at com.servername.util.frame.jdbc.JDBCService.getBlob(
JDBCService.java(Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE
at com.servername.workflow.Document.getBody(Document.java(
Compiled Code))
```

```

[2009-08-25 00:47:49.176] ALL 000000000000
GLOBAL_SCOPE at com.servename.workflow.Document.<init>(
Document.java(Compiled
Code))
[2009-08-25 00:47:49.176] ALL 000000000000
GLOBAL_SCOPE at com.servename.workflow.Document.<init>(
Document.java(Inlined
Compiled Code))
[2009-08-25 00:47:49.176]
ALL 000000000000 GLOBAL_SCOPE at com.servename.workflow.
Document.clone(Document.java(Compiled
Code))
[2009-08-25 00:47:49.176] ALL 000000000000
GLOBAL_SCOPE at com.servename.workflow.WorkFlowContext.
copyContentAndDocs(WorkFlowContext.java(Compiled
Code))
[2009-08-25 00:47:49.176] ALL 000000000000
GLOBAL_SCOPE at com.servename.services.invokeWorkFlow.
InvokeWorkFlowService.
setWFContent(InvokeWorkFlowService.java(Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000
GLOBAL_SCOPE at com.servename.services.invokeWorkFlow.
InvokeWorkFlowService.
processData(InvokeWorkFlowService.java(Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000
GLOBAL_SCOPE at com.servename.workflow.activity.engine.
ActivityEngineHelper.
invokeService(ActivityEngineHelper.java(Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000
GLOBAL_SCOPE at com.servename.workflow.activity.engine.
ActivityEngineHelper.
nextMainLogic(ActivityEngineHelper.java(Compiled Code))
[2009-08-25 00:47:49.177] ALL 000000000000
GLOBAL_SCOPE at com.servename.workflow.activity.engine.
ActivityEngineHelper.
next(ActivityEngineHelper.java(Compiled Code))
[2009-08-25 00:47:49.177] ALL 000000000000
GLOBAL_SCOPE at com.servename.workflow.queue.
WorkFlowQueueListener.
doWork(WorkFlowQueueListener.java(Compiled Code))
[2009-08-25 00:47:49.177] ALL 000000000000
GLOBAL_SCOPE at com.servename.workflow.queue.
WorkFlowQueueListener.
run(WorkFlowQueueListener.java(Compiled Code))
[2009-08-25 00:47:49.177] ALL 000000000000
GLOBAL_SCOPE at com.servename.workflow.queue.
WorkFlowQueueListener.
onMessage(WorkFlowQueueListener.java(Compiled Code))
[2009-08-25 00:47:49.177] ALL 000000000000
GLOBAL_SCOPE at com.servename.workflow.queue.
WorkFlowQueueListener.
onMessage(WorkFlowQueueListener.java(Inlined Compiled Code))

```

Resolution:

Apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Performance

Escalation ID: 61283

Fix ID: 201620, 201623, 201622, 233333

Severity: Critical

Type: NormalFix

Build: 4222, 4324, 5006, 5101

InQuira ID: NFX6570

Title: Long delay when adding new users that have over 100 permissions or errors when importing users or mailbox/routing rules

Description: Long delays are experienced when adding new users that have over 100 permissions through the UI. This process was taking about 30 - 50 minutes to complete.

Or

Import a large number of users or mailbox and routing rules is causing Oracle core exceptions.

Importing new users

Import service (automated process) imports new mailbox and routing rules (mailbox resources has grown to over 500,000).

In the case of the mailbox import, it was found that the query that was causing the issue looked like this:

```
delete from YFS_RESOURCE_PERMISSION where USER_KEY = :1 and
(RESOURCE_KEY IN ('1176746835884--162892834','1176816793586-1754977926'
,'1176816793615--198196449' ,'1176816793635-1001139650','1176816793655-1134739610',
...<roughly 500,000 more items in this list>...,'1259956293456--135246453'))
```

Error Message:

In the case of the import error:

from system.log:

```
[2009-12-08 10:37:53.588]
ERROR 000000000000 GLOBAL_SCOPE [security.User] removeMyPerms
SQL
Error Code: 17410
SQL State: null
java.sql.SQLException:
No more data to read from socket
at oracle.jdbc.driver.DatabaseError.throwSQLException(
DatabaseError.java:112)
at oracle.jdbc.driver.DatabaseError.throwSQLException(
DatabaseError.java:146)
at oracle.jdbc.driver.DatabaseError.throwSQLException(
DatabaseError.java:208)
at oracle.jdbc.driver.T4CMAREngine.unmarshalUB1(T4CMAREngine.java:1123)
at oracle.jdbc.driver.T4CMAREngine.unmarshalSB1(T4CMAREngine.java:1075)
at oracle.jdbc.driver.T4C8Oall.receive(T4C8Oall.java:480)
at oracle.jdbc.driver.T4CPreparedStatement.doOall8(
T4CPreparedStatement.java:219)
at oracle.jdbc.driver.T4CPreparedStatement.executeForRows(
T4CPreparedStatement.java:970)
```

```

at oracle.jdbc.driver.OracleStatement.doExecuteWithTimeout(
OracleStatement.java:1190)
at oracle.jdbc.driver.OraclePreparedStatement.executeInternal(
OraclePreparedStatement.java:3370)
at oracle.jdbc.driver.OraclePreparedStatement.executeUpdate(
OraclePreparedStatement.java:3454)
at com.servename.security.User.removeMyPerms(User.java:3099)
at com.servename.security.SecurityManager.removeAllUserPerms(
SecurityManager.java:1397)
at com.servename.ui.security.UserAuthObject.updateGroupsAndPerms(
UserAuthObject.java:90)
at com.servename.ui.security.UserAuthObject.save(
UserAuthObject.java:115)
at com.servename.adminui.servlet.SaveAccount.run(
SaveAccount.java:96)
[2009-12-08 10:37:53.591] ERROR 000310100007 UTIL.FRAME_
JDBC.ERR_ConnectionFactory
[ConnectionFactory] Could not close the connection.
SQL Error Code: 17410
SQL State: null
java.sql.SQLException:
No more data to read from socket
at oracle.jdbc.driver.DatabaseError.throwSQLException(
DatabaseError.java:112)
at oracle.jdbc.driver.DatabaseError.throwSQLException(
DatabaseError.java:146)
at oracle.jdbc.driver.DatabaseError.throwSQLException(
DatabaseError.java:208)
at oracle.jdbc.driver.T4CMAREngine.unmarshalUB1(
T4CMAREngine.java:1123)
at oracle.jdbc.driver.T4CMAREngine.unmarshalSB1(
T4CMAREngine.java:1075)
at oracle.jdbc.driver.T4C70commoncall.receive(
T4C70commoncall.java:106)
at oracle.jdbc.driver.T4CConnection.logoff(
T4CConnection.java:465)
at oracle.jdbc.driver.PhysicalConnection.close(
PhysicalConnection.java:1228)
at com.servename.util.frame.jdbc.ConnectionFactory.destroy(
ConnectionFactory.java:264)
at com.servename.util.frame.pool.Pool.cleanBadItem(
Pool.java:931)
at com.servename.util.frame.pool.Pool.getItemRetry(
Pool.java:921)
at com.servename.util.frame.pool.PoolManager.getItem(
PoolManager.java:170)
at com.servename.util.frame.pool.PoolManager.getItem(
PoolManager.java:148)
at com.servename.util.frame.jdbc.JDBCService.testOnReserve(
JDBCService.java:1063)
at com.servename.util.frame.jdbc.JDBCService.getNoAppConnection(
JDBCService.java:3700)
at com.servename.util.frame.jdbc.JDBCService.getConnection(
JDBCService.java:686)
at com.servename.util.frame.jdbc.JDBCService.getConnection(
JDBCService.java:574)
at com.servename.security.User.getTransConnection(User.java:2786)
at com.servename.security.User.load(User.java:2228)
at com.servename.security.User.load(User.java:2219)
at com.servename.util.cache.UserLoader.load(UserLoader.java:75)
at com.servename.util.frame.cache.CacheManager.get(
CacheManager.java:311)
at com.servename.util.frame.cache.CacheManager.get(
CacheManager.java:209)
at com.servename.security.SecurityManager.getUser(
SecurityManager.java:956)
at com.servename.security.SecurityManager.getUser

```

Resolution:

Apply Gentran Integration Suite 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Performance

Escalation ID: 67301, 122002

Fix ID: 193579, 208004, 203794, 233386

Severity: Critical

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX6709

Title: Noapp.log error: java.lang.OutOfMemoryError: Map failed - Sterling B2B Integrator 5.0

Description: Customer is running HP-UX Itanium 64 bit and getting the following errorin noapp.log(dated) and ui.log(dated):

```
[2009-07-27 15:02:08.505] ALL 000000000000 GLOBAL_SCOPE java.io.IOException:
Map failed
```

```
java.lang.OutOfMemoryError: Map failed
```

Symptom: Missing icons in the Correlation Search page.

Error Message:

```
[2009-08-28
09:14:37.595] ALL 000000000000 GLOBAL_SCOPE java.io.IOException:
Map failed java.lang.OutOfMemoryError: Map
failed
[2009-08-28 09:14:37.595] ALL 000000000000
GLOBAL_SCOPE
[2009-08-28 09:14:37.596] ALL
000000000000 GLOBAL_SCOPE
at sun.nio.ch.FileChannelImpl.map(FileChannelImpl.java:785)
[2009-08-28
09:14:37.596] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.io.nio.NIOBuffer.<init>(NIOBuffer.java:66)
[2009-08-28
09:14:37.596] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.jetty.servlet.DefaultServlet$NIOResourceCache.fill(
DefaultServlet.java:911)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.jetty.ResourceCache.load(ResourceCache.java:188)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.jetty.ResourceCache.lookup(ResourceCache.java:156)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.jetty.servlet.DefaultServlet.doGet(DefaultServlet.java:384)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at javax.servlet.http.HttpServlet.service(HttpServlet.java:690)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at javax.servlet.http.HttpServlet.service(HttpServlet.java:803)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
```

```

at org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java:487)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(
ServletHandler.java:1093)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at com.servername.ui.dlss.DLSSOFilter.doFilter(DLSSOFilter.java:194)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(
ServletHandler.java:1084)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:360)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.jetty.security.SecurityHandler.handle(
SecurityHandler.java:216)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.jetty.servlet.SessionHandler.handle(SessionHandler.java:181)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.jetty.handler.ContextHandler.handle(ContextHandler.java:726)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.jetty.webapp.WebAppContext.handle(WebAppContext.java:405)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.jetty.handler.ContextHandlerCollection.handle(
ContextHandlerCollection.java:206)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.jetty.handler.HandlerCollection.handle(
HandlerCollection.java:114)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.jetty.handler.HandlerWrapper.handle(HandlerWrapper.java:152)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.jetty.Server.handle(Server.java:324)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.jetty.HttpConnection.handleRequest(HttpConnection.java:505)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.jetty.HttpConnection$RequestHandler.headerComplete(
HttpConnection.java:828)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.jetty.HttpParser.parseNext(HttpParser.java:514)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.jetty.HttpParser.parseAvailable(HttpParser.java:211)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.jetty.HttpConnection.handle(HttpConnection.java:380)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.io.nio.SelectChannelEndPoint.run(
SelectChannelEndPoint.java:395)
[2009-08-28
09:14:37.597] ALL 000000000000 GLOBAL_SCOPE
at org.mortbay.thread.BoundedThreadPool$PoolThread.run(
BoundedThreadPool.java:450)

```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later

Workaround for HP-UX Itanium:

Edit tmp.sh and tmp.sh.in, under the HP-UX section there should be flags that look like this (under the ia64 section)

FROM:

```
JAVA_FLAGS="${JAVA_FLAGS} -d64"
```

```
SERVER_FLAGS="${SERVER_FLAGS} -d64 -Xss512k"
```

TO:

```
JAVA_FLAGS="${JAVA_FLAGS} -d64 -Xmpas:on"
```

```
SERVER_FLAGS="${SERVER_FLAGS} -d64 -Xmpas:on -Xss512k"
```

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Performance

Escalation ID: 71809

Fix ID: 198786, 233275

Severity: Critical

Type: CoreChange

Build: 5006, 5101

InQuira ID: NFX7020

Title: opsServer.log doesn't show time timestamp for each log message.

Description: opsServer.log doesn't show time timestamp for each log message. Because of this it is difficult to find out when the Token Node is changed from one node to a different node. The opsServer log show the change but does not give a date/time stamp for the change

When a node is changed this is what logged. Since there is no timestamp for log message it is difficult to find out when it happened.

Setting lock Node node2

```
OpsServer.isTokenNode opsToken=true
```

```
opsServer.startSchedulesOnFailOver nodename=node2 name=node1  
primaryNode=node2
```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Performance

Escalation ID: 72713

Fix ID: 199889, 201636, 233334

Severity: Normal

Type: NewFunctionality

Build: 4322, 5006, 5101

InQuira ID: NFX9587

Title: Out of Memory reported by the FTP Server Adapter.

Description: OOM reported by the FTP Server Adapter.

Error Message:

```
2010-06-04
02:24:49.35]
ERROR 000000000000 GLOBAL_SCOPE State.invokeEntryExitHandler(IS,S)
InvocationTargetException on method [handleSTORINGExit], target exception
name is [java.lang.OutOfMemoryError], target exception message is
[null], stack trace is [ ] java.lang.reflect.InvocationTargetException
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.
java:79)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(
DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:618)
at com.servename.services.psclientcommon.statemachine.State.
invokeEntryExitHandler(State.java:103)
at com.servename.services.psclientcommon.statemachine.State.
handleExit(State.java:94)
at com.servename.services.psclientcommon.Session.changeState(
Session.java:102)
at com.servename.services.psclientcommon.ftp.Session.changeState(
Session.java:170)
at com.servename.services.psclientcommon.Session.setState(Session.java:122)
at com.servename.services.psclientcommon.statemachine.
StateMachine.handleCommand(StateMachine.java:94)
at com.servename.services.psclientcommon.Session.handleCommand(
Session.java:160)
at com.servename.services.psclientcommon.ftp.DataTransferAgent.
handleDataCloseEvent(DataTransferAgent.java:173)
at com.servename.services.psclientcommon.ftp.DataTransferAgent.
access$200(DataTransferAgent.java:42)
at com.servename.services.psclientcommon.ftp.DataTransferAgent$3.
run(DataTransferAgent.java:117)
at com.sterlingcommerce.perimeter.api.scheduler.DebugPooledExecutor$Worker.
run(DebugPooledExecutor.java:795)
at java.lang.Thread.run(Thread.java:810)
Caused by: java.lang.OutOfMemoryError at
com.servename.util.frame.jdbc.OracleBlobVarData.getBytes(
OracleBlobVarData.java:164)
at com.servename.util.frame.jdbc.IJDBCVarData.rebuildBlob(
IJDBCVarData.java:1252)
at com.servename.util.frame.jdbc.IJDBCVarData.selectBlob(
IJDBCVarData.java:1191)
at com.servename.util.frame.jdbc.IJDBCVarData.getBlob(
IJDBCVarData.java:1116)
at com.servename.util.frame.jdbc.IJDBCVarData.getBlob(
```

```
IJDBCVarData.java:1097)
at com.servename.util.frame.jdbc.IJDBCVarData.getBlobObject(
IJDBCVarData.java:1426)
at com.servename.util.frame.jdbc.JDBCService.getBlobObject(
JDBCService.java:2986)
at com.servename.workflow.Document.loadExtensions(Document.java:3245)
at com.servename.workflow.Document.loadExtensions(Document.java:3192)
at com.servename.workflow.Document.getExtension(Document.java:3444)
at com.servename.workflow.Document.getExtension(Document.java:3432)
at com.servename.workflow.Document.getTrackingRecord(Document.java:4429)
at com.servename.workflow.Document.getTrackingID(Document.java:4416)
at com.servename.workflow.Document.initTracking(Document.java:4388)
at com.servename.workflow.Document.initTracking(Document.java:4325)
at com.servename.mailbox.impl.repositoryImpl.RepositoryImpl.
makeCorrelation(RepositoryImpl.java:1089)
at com.servename.mailbox.impl.repositoryImpl.RepositoryImpl.
makeCorrelationForAdd(RepositoryImpl.java:1009)
at com.servename.mailbox.impl.repositoryImpl.RepositoryImpl.
lowLevelAdd(RepositoryImpl.java:377)
at com.servename.mailbox.impl.repositoryImpl.RepositoryImpl.
add(RepositoryImpl.java:279)
at com.servename.mailbox.impl.repositoryImpl.RepositoryImpl.
add(RepositoryImpl.java:187)
at com.servename.services.ftpservice.server.FtpMailboxDataStore.
closeWrite(FtpMailboxDat
```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 build 5006 or later.

Apply Gentrans Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.1 build 5101 or later.

Functional Area: Performance

Escalation ID: 185768

Fix ID: 223636, 223637, 233723

Severity: Critical

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9773

Title: Random business process failures due to null pointer exception

Description: Business processes fail randomly due to the null pointer exception thrown.

Error Message:

Null pointer exception

```
java.lang.NullPointerException
at com.servename.util.cache.XPathFactory.createXPath(XPathFactory.java :73)
at com.servename.util.cache.XPathCacheLoader.load(XPathCacheLoader.java:53)
at com.servename.util.frame.cache.CacheManager.get(CacheManager.java:358)
at com.servename.util.xml.XMLUtil.getXObject(XMLUtil.java:130)
at com.servename.xpathutil.XPathHelper.executeXPath(XPathHelper.java:463)
at com.servename.xpathutil.XPathHelper.executeXPath(XPathHelper.java:163)
at com.servename.xpathutil.XPathHelper.executeXPath(XPathHelper.java:158)
at com.servename.xpathutil.XPathHelper.getNodeListFromXPath(
XPathHelper.java:836)
```

```
at com.servename.workflow.WFCUtil.getDataFromTree(WFCUtil.java:1333)
at com.servename.workflow.WorkFlowContext.getDataFromTree(
WorkFlowContext.java:2737)
at com.servename.workflow.WorkFlowContext.getDataFromTree(
WorkFlowContext.java:2729)
at com.servename.workflow.SystemWorkFlowContext.getContent(
SystemWorkFlowContext.java:328)
at com.servename.workflow.services.AssignService.processData(
AssignService.java:167)
at com.servename.workflow.activity.engine.ActivityEngineHelper.
invokeService(ActivityEngineHelper.java:1721)
at com.servename.workflow.activity.engine.ActivityEngineHelper.
nextMainLogic(ActivityEngineHelper.java:578)
at com.servename.workflow.activity.engine.ActivityEngineHelper.
next(ActivityEngineHelper.java:348)
at com.servename.workflow.queue.WorkFlowQueueListener.doWork(
WorkFlowQueueListener.java:324)
at com.servename.workflow.queue.WorkFlowQueueListener.run(
WorkFlowQueueListener.java:202)
at com.servename.workflow.queue.WorkFlowQueueListener.onMessage(
WorkFlowQueueListener.java:163)
at com.servename.workflow.queue.WorkFlowQueueListener.onMessage(
WorkFlowQueueListener.java:150)
at com.servename.workflow.queue.wfTransporter.run(wfTransporter.java:328)
at com.servename.workflow.queue.BasicExecutor$Worker.run(
BasicExecutor.java:517)
at java.lang.Thread.run(Thread.java:810)
```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Performance

Escalation ID: 00102552

Fix ID: 206917, 233473

Severity: Normal

Type: NormalFix

Build: 5006, 5101

Perimeter Services

InQuira ID: NFX9351

Title: Perimeter Server ps_4403.jar (SI5.0) is not installable on SUSE 10 2.6.19-60...smp which meets requirements.

Description: The Perimeter Server ps_4403.jar is not installable on the same Environment as Sterling B2B Integrator 5.0 has been installed on.

ENV is SUSE 10 2.6.19-60...smp

Install of Sterling B2B Integrator successful, but PS not possible, fails with

ibm-java2-x86_64-50/bin/java -jar ps_4403.jar -interactive

Perimeter DMZ component Installation program

ERROR: This product is only supported on Linux 2.6.5-7.283-bigsmpt,2.6.9-42.0.10.ELsmp,2.6.18-8.1.10.el5,2.6.16.21-0.8-smp

Your OS Version is 2.6.16.60-0.42.5-smp

This does meet requirements. Please contact customer support for workaround.

Error Message:

ERROR: This product is only supported on Linux 2.6.5-7.283-bigsmpt,2.6.9-42.0.10.ELsmp,2.6.18-8.1.10.el5,2.6.16.21-0.8-smp

Your OS Version is 2.6.16.60-0.42.5-smp

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Perimeter Services

Escalation ID: 00142390

Fix ID: 213575, 233566

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX8939

Title: Perimeter Server logs error "Buffer contains more than 4MB of data"

Description: Perimeter Server logs error "Buffer contains more than 4MB of data"

This is internal conditional check and is not an actual error condition as falsely reported in the logs.

Error Message:

```
[2010-02-18 10:09:16,342] INFO Per[-]: read bytes: 1448
[2010-02-18 10:09:16,342] INFO Per[-]: read bytes: 1625
[2010-02-18 10:09:16,343] ERROR data[/xx.xx.xx.xx:nmm=>/xx.xx.xx.xx:nmm].internalSend()
- Buffer contains more than 4MB of data.
[2010-02-18 10:09:16,343] ERROR data[/xx.xx.xx.xx:nmm=>/xx.xx.xx.xx:nmm].internalSend()
- Buffer contains more than 4MB of data.
```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Perimeter Services

Escalation ID: 00144856

Fix ID: 217979, 214909, 233618

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX6020

Title: Perimeter Server is disconnected from the application server and errors are seen when Gentran Integration Suite/Sterling B2B Integrator attempts to reconnect

Description: Perimeter Server is disconnected from the application server and errors are seen when Gentran Integration Suite/Sterling B2B Integrator attempts to reconnect.

The fix eliminates the error message and enables Gentran Integration Suite/Sterling B2B Integrator to attempt to connect to the perimeter server but the original cause of the disconnect may still exist. For example PS may be down or have too man open connections.

Error Message:

```
[2009-02-25 11:01:49.764]
ERROR <Dispatcher> 00000000000 GLOBAL_SCOPE Exception in Dispatcher run loop.
java.util.ConcurrentModificationException
at java.util.HashMap$HashIterator.nextEntry(HashMap.java:782)
at java.util.HashMap$ValueIterator.next(HashMap.java:812)
at com.servename.perimeter.muxrat.relay.Relay.closeCircuits(Relay.java:244)
at com.servename.perimeter.muxrat.relay.Relay.closed(Relay.java:218)
at com.servename.perimeter.dispatcher.DataIPAgent.setState(DataIPAgent.java:184)
at com.servename.perimeter.dispatcher.DataIPAgent.close(DataIPAgent.java:243)
at com.servename.perimeter.muxrat.relay.Relay.closed(Relay.java:217)
at com.servename.perimeter.muxrat.relay.Relay$Pinger.run(Relay.java:728)
at com.servename.perimeter.api.scheduler.TaskNode.run(TaskNode.java:62)
at com.servename.perimeter.dispatcher.AbstractDispatcher.runTasks(AbstractDispatcher.java:440)
at com.servename.perimeter.dispatcher.AbstractDispatcher.doRun(AbstractDispatcher.java:405)
at com.servename.perimeter.dispatcher.AbstractDispatcher$2.run(AbstractDispatcher.java:182)
at java.lang.Thread.run(Thread.java:534)
```

Resolution:

Apply Gentran Integration Suite, Version 4.3, Build 4319 or later.

Apply Gentran Integration Suite, Version 4.2, Build 4221 or later.

Apply Sterling B2B Integrator, Version 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Version 5.1 Build 5101 or later.

Functional Area: Perimeter Services

Escalation ID: 1372835

Fix ID: 185507, 181497, 185508, 233241

Severity: Normal

Type: NormalFix

Build: 4319, 4221, 5006, 5101

Platform

InQuira ID: NFX5744

Title: The db_checksum_tool.cmd fails on Windows with a ClassNotFoundException error.

Description: If you use db_checksum_tool.cmd and specify maps you will get an error.

Both of these commands will fail:

```
db_checksum_tool.cmd -d -i 2
```

```
db_checksum_tool.cmd -d -r map
```

Error Message:

In the command line window, you get the error back:

```
-----  
java.sql.SQLException:  
ChecksumService.listResource has null Checksum instance  
at com.servername.util.frame.checksum.ChecksumService.listResource(  
ChecksumService.java:512)  
at com.servername.db.ChecksumTool.dumpCustomerDefaultChecksum(  
ChecksumTool.java:415)  
at com.servername.db.ChecksumTool.dumpDBChecksum(ChecksumTool.java:466)  
at com.servername.db.ChecksumTool.doIt(ChecksumTool.java:213)  
at com.servername.db.ChecksumTool.callable(ChecksumTool.java:196)  
at com.servername.db.ChecksumTool.main(ChecksumTool.java:190)  
SQLException:  
SQLState: null  
Message: ChecksumService.listResource has null Checksum instance  
Vendor: 0  
ECHO is off.  
Error '-1' running DB checksum tool.  
-----
```

In the system log you get the error:

```
-----  
[2009-16-26 18:59:00.485]  
ERROR 000000000000 GLOBAL_SCOPE ChecksumService.initServiceWithProperty()  
java.lang.ClassNotFoundException:com.servername.util.  
frame.checksum.MapChecksum  
at java.net.URLClassLoader$1.run(URLClassLoader.java:200)  
at java.security.AccessController.doPrivileged(Native Method)  
at java.net.URLClassLoader.findClass(URLClassLoader.java:188)  
at java.lang.ClassLoader.loadClass(ClassLoader.java:306)  
at sun.misc.Launcher$AppClassLoader.loadClass(Launcher.java:268)  
at java.lang.ClassLoader.loadClass(ClassLoader.java:251)  
at java.lang.ClassLoader.loadClassInternal(ClassLoader.java:319)  
at java.lang.Class.forName0(Native Method)  
at java.lang.Class.forName(Class.java:164)  
at java.lang.Class.forName(Class.java:164)  
at com.servername.util.frame.checksum.ChecksumService.  
initServiceWithProperty(ChecksumService.java:127)  
at com.servername.util.frame.checksum.ChecksumService.  
initService(ChecksumService.java:70)  
at com.servername.util.frame.checksum.ChecksumService.  
<clinit>(ChecksumService.java:53)  
at com.servername.db.ChecksumTool.doArgs(ChecksumTool.java:312)
```

```

at com.servename.db.ChecksumTool.doIt(ChecksumTool.java:205)
at com.servename.db.ChecksumTool.callable(ChecksumTool.java:196)
at com.servename.db.ChecksumTool.main(ChecksumTool.java:190)
[2009-16-26 18:59:00.485]
ERROR 000000000000 GLOBAL_SCOPE ChecksumService.getChecksumInstance()
:Checksum Instance is null
[2009-16-26 18:59:00.5]
ERROR 999999999999 UTIL.FRAME_CHECKSUM.ERR_ChecksumService_
listResource N/A
SQL Error Code: 0
SQL State: null
java.sql.SQLException: ChecksumService.listResource has null
Checksum instance
at com.servename.util.frame.checksum.ChecksumService.
listResource(ChecksumService.java:506)
at com.servename.db.ChecksumTool.
dumpCustomerDefaultChecksum(ChecksumTool.java:415)
at com.servename.db.ChecksumTool.dumpDBChecksum(ChecksumTool.java:466)
at com.servename.db.ChecksumTool.doIt(ChecksumTool.java:213)
at com.servename.db.ChecksumTool.callable(ChecksumTool.java:196)
at com.servename.db.ChecksumTool.main(ChecksumTool.java:190)
-----

```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

See the Gentran Integration Suite 4.3/Sterling B2B Integrator 5.0 Installation documentation for more information.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Platform

Escalation ID: 00034095

Fix ID: 191139, 195627, 233259

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX9808

Title: During softstop, the token should be passed on to other nodes in the cluster

Description: During softstop, the token should be passed on to other nodes in the cluster to continue running the schedules.

Error Message: N/A

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Platform

Escalation ID: QC

Fix ID: 211003, 211001, 233543

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX9840

Title: Change email account and host information globally in system BPs

Description: When installing Sterling B2B Integrator, the installer requests the SMTP host information and the email account information for the user identified as the administrator for the system. Because the values are then hard-coded into the BPML of the system Business Processes, it becomes a difficult process to modify the values as each Business Process must be manually edited.

The Business Processes should refer to the SMTP host and admin email account as a dynamic value from the configuration files, and not use hard-coded values.

Resolution:

For Sterling B2B Integrator, Release 5.0, apply Build 5006 or later to resolve this issue

For Gentrant Integration Suite Release 4.3, apply Build 4324 or later to resolve this issue

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Platform

Escalation ID: 82070

Fix ID: 205478, 199804, 233437

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX8850

Title: ActiveMq fails to start on failover oracle secondary node

Description: Customer needs a modified Oracle URL so that he can use failover. He does not use Oracle RAC but instead use Data Guard that is replicating the DB to a secondary node. He should use the same instructions as shown in our documentation and basically add ORACLE_JDBC_URL to the sandbox.cfg

However there is a bug in the activemq configuration where we have not used the ORACLE_JDBC_URL in <SI_ROOT>/activemq/config/activemqconfig.xml and therefore activemq will not startup on failover node.

Error Message:

ActiveMQBroker log shows:

```
*****Fail to start activemq
activemq startup is defined
as Mandatory=false in activeMQ.prop
org.springframework.beans.factory.BeanCreationException:
Error creating bean with name 'org.apache.activemq.xbean.
XBeanBrokerService#0'
defined in file [/opt/gis43/activemq/conf/activemqconfig.xml]:
Invocation
of init method failed; nested exception is java.io.IOException:
Cannot create PoolableConnectionFactory (Listener refused the
connection
with the following error:
ORA-12505, TNS:listener
does not currently know of SID given in connect descriptor
The Connection descriptor used by the client was: myhost:1521:GIS)
```

Noapp log shows:

```
[2010-03-15 09:39:22.364]
ALL 000000000000 GLOBAL_SCOPE Non-Recoverable Status: 'FIFO_QUEUED'
[2010-03-15 09:39:22.524] ALL 000000000000 GLOBAL_SCOPE javax.jms.
JMSException:
Could not connect to broker URL:
tcp://myhost:5047?wireFormat.maxInactivityDuration=0.
Reason: java.net.ConnectException:
A remote host refused an attempted connect operation.
```

Resolution

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

If the patch cannot be applied a temporary solution might be possible. When using a cluster perform these steps on all nodes.

*Stop Gentran Integration Suite/Sterling Integrator

*Edit activemqconfig.xml.in (under the folder <installfolder>activemq/conf)

Change:

```
<property name="url">
<value>jdbc:oracle:thin:@&ORA_HOST;:&ORA_PORT;:&ORA_DATA;</value>
</property>
```

To:

```
<property name="url">
<value>&ORACLE_JDBC_URL;</value>
```

</property>

*Run ./setupfiles.sh or setupfiles.cmd

*Re start Gentran Integration Suite/Sterling Integrator

Functional Area: Platform

Escalation ID: 00116644, 00097029

Fix ID: 203913, 207127, 233392

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9232

Title: XML Encoder Service is marking the process data empty

Description: XML Encoder Service is marking the process data empty instead of throwing an error when there is an invalid XML character in the primary document. This issue occurs only when the parameter "output_to_process_data" is set to YES.

Error Message:

Error trace from wf.log file:

```
WORKFLOW.WORKFLOW.ERR_WFCUtil_toXMLString1
Exception in WFCUtil.toXMLString
java.io.IOException:
The character '~' is an invalid XML character
at org.apache.xml.serialize.BaseMarkupSerializer.fatalError(
Unknown Source)
at org.apache.xml.serialize.BaseMarkupSerializer.surrogates(
Unknown Source)
at org.apache.xml.serialize.BaseMarkupSerializer.printCDATAText(
Unknown Source)
at org.apache.xml.serialize.BaseMarkupSerializer.characters(
Unknown Source)
at org.apache.xml.serialize.BaseMarkupSerializer.serializeNode(
Unknown Source)
at org.apache.xml.serialize.XMLSerializer.serializeElement(
Unknown Source)
at org.apache.xml.serialize.BaseMarkupSerializer.serializeNode(
Unknown Source)
at org.apache.xml.serialize.XMLSerializer.serializeElement(
Unknown Source)
at org.apache.xml.serialize.BaseMarkupSerializer.serializeNode(
Unknown Source)
at org.apache.xml.serialize.XMLSerializer.serializeElement(
Unknown Source)
at org.apache.xml.serialize.BaseMarkupSerializer.serializeNode(
Unknown Source)
at org.apache.xml.serialize.BaseMarkupSerializer.serialize(
Unknown Source)
at com.servename.workflow.WFCUtil.toXMLString(WFCUtil.java:287)
at com.servename.workflow.WFCUtil.toXMLString(WFCUtil.java:266)
at com.servename.workflow.WorkFlowContext.persist(
WorkFlowContext.java:4405)
at com.servename.workflow.WorkFlowContext.persist(
WorkFlowContext.java:3727)
at com.servename.workflow.activity.engine.ActivityEngineHelper.
persist
OnServiceError(ActivityEngineHelper.java:2847)
```



```

OraclePreparedStatement.java:3316)
at oracle.jdbc.driver.OraclePreparedStatement.execute(
OraclePreparedStatement.java:3422)
at com.servname.util.frame.jdbc.JDBCService.execute(
JDBCService.java:4130)
at com.servname.workflow.BaseDocument.insertDocumentClone(
BaseDocument.java:2305)
at com.servname.workflow.BaseDocument.persist(BaseDocument.java:2418)
at com.servname.workflow.Document.persist(Document.java:875)
at com.servname.workflow.WorkFlowContext.persist(
WorkFlowContext.java:4640)
at com.servname.workflow.activity.engine.
ActivityEngineHelper.persistInlineMark(
ActivityEngineHelper.java:3134)
at com.servname.workflow.activity.engine.
ActivityEngineHelper.persistWfc(
ActivityEngineHelper.java:3045)
at com.servname.workflow.activity.engine.
ActivityEngineHelper.
postInvokePostNextNodeProcessing(ActivityEngineHelper.java:2263)
at com.servname.workflow.activity.engine.ActivityEngineHelper.
postInvokeService(ActivityEngineHelper.java:2125)
at com.servname.workflow.activity.engine.ActivityEngineHelper.
nextMainLogic(ActivityEngineHelper.java:624)
at com.servname.workflow.activity.engine.ActivityEngineHelper.
next(ActivityEngineHelper.java:353)
at com.servname.workflow.queue.WorkFlowQueueListener.
doWork(WorkFlowQueueListener.java:326)
at com.servname.workflow.queue.WorkFlowQueueListener.
run(WorkFlowQueueListener.java:202)
at com.servname.workflow.queue.WorkFlowQueueListener.
onMessage(WorkFlowQueueListener.java:163)
at com.servname.workflow.queue.WorkFlowQueueListener.
onMessage(WorkFlowQueueListener.java:150)
at com.servname.workflow.queue.wfTransporter.
run(wfTransporter.java:355)
at com.servname.workflow.queue.BasicExecutor$Worker.
run(BasicExecutor.java:517)
at java.lang.Thread.run(Thread.java:595)

```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Platform

Escalation ID: 00147778

Fix ID: 216040, 233593

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9757

Title: The checkCursorLeaks.sh script fails : java class is not found

Description:

```
$ ./checkCursorLeaks.sh
```

The java class is not found: com.sterlingcommerce.db.CheckCursorLeaks

Could not obtain cursor list.

Error Message:

```
$ ./checkCursorLeaks.sh
```

The java class is not found: com.sterlingcommerce.db.CheckCursorLeaks

Could not obtain cursor list.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Platform

Escalation ID: 164371

Fix ID: 218299, 233628

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX7746

Title: When http server and bp are setup in sync mode then documents are created with a workflow_id of zero (0) in some tables

Description: When http server and bp are setup in sync mode then documents are created with a workflow_id of zero (0) in DOCUMENT , DOCUMENT_LIFESPAN , DATA_TABLE and CORREALTION_SET

Error Message: No error message. The database will grow and these will never be removed with Gentran Integration Suite/Sterling Integrator.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Platform

Escalation ID: 00043841

Fix ID: 188640, 195900, 233260

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX7764

Title: New indexes added to Gentran Integration Suite 4.3, Sterling Integrator 5.0 and Sterling B2B Integrator 5.1

Description: The following indexes have been added to Gentran Integration Suite 4.3, Sterling B2B Integrator 5.0 and Sterling B2B Integrator 5.1:

```
<Index Name="SCI_IDX_DE1_190940" Unique="false">
```

```
<Column Name="OBJECT_DATA"/>
```

```
<Index Name="SCI_IDX_DE2_190940" Unique="false">
```

```
<Column Name="DOC_ID"/>
```

```
<Column Name="WF_ID"/>
```

```
<Index Name="IDX_MVR_190940" Unique="false">
```

```
<Column Name="ROOT_MAILBOX_ID"/>
```

Resolution:

Apply Gentran Intgration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Platform

Escalation ID: 57233

Fix ID: 193890, 203795, 233387

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

Reporting Services

InQuira ID: NFX7733

Title: Gentran Integration Suite 4.3 java.lang.OutOfMemoryError: Java heap space - OOM when running report TrafficSummaryByProtocol

Description: Whenever the report TrafficSummaryByProtocol would grow in size (so a significant amount of data to report) the JVM would thrown an OutOfMemory Error.

Error Message:

In noapp.log.D2009*

```
java.lang.OutOfMemoryError:
Java heap space noapp.log.D20090528.T000147:
[2009-05-28 08:42:52.047]
ALL 000000000000 GLOBAL_SCOPE java.lang.OutOfMemoryError:
Java heap space noapp.log.D20090528.T000147:
[2009-05-28 08:44:21.648]
ALL 000000000000 GLOBAL_SCOPE java.lang.OutOfMemoryError:
Java heap space noapp.log.D20090528.T000147:
[2009-05-28 09:06:05.713]
ALL 000000000000 GLOBAL_SCOPE java.lang.OutOfMemoryError:
Java heap space wf.log.D20090528.T000156:
[2009-05-28 06:40:00.468]
ERROR 000110060030 WORKFLOW.ACTIVITY_ENGINE.ERR_AEHelper_next1
Throwable caught by AEHelper.next() java.lang.OutOfMemoryError:
Java heap space wf.log.D20090528.T000156:
[2009-05-28 06:40:00.468]
ERROR 000110060030 WORKFLOW.ACTIVITY_ENGINE.ERR_AEHelper_next1
Throwable caught by AEHelper.next() java.lang.OutOfMemoryError:
Java heap space
```

Resolution:

Apply Gentran Integration Suite Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Reporting Services

Escalation ID: 50376

Fix ID: 203339, 203009, 233365

Severity: Normal

Type: CoreChange

Build: 4322, 5006, 5101

InQuira ID: NFX9314

Title: Patch reports are incomplete in an iSeries instance

Description: Patch reports are incomplete in an iSeries instance. Information related to the jars installed and copied while installing the patch is missing.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Reporting Services

Escalation ID: QC

Fix ID: 220962, 233665

Severity: Normal

Type: NormalFix

Build: 5006, 5101

Route Config UI

InQuira ID: NFX9774

Title: Editing a routing channel whose producer and consumer identities have been deleted throws an unexpected error

Description: While editing a routing channel whose producer and consumer identities have been deleted, throws an unexpected error.

Error Message: An unexpected error has occurred. Please check the logs for details.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Route Config UI

Escalation ID: QC

Fix ID: 226192, 233759

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9749

Title: Incorrect error message is displayed

Description: When creating a channel partner using a partner code unassociated to the group, the error message displayed is incorrect.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Route Config UI

Escalation ID: QC

Fix ID: 226061, 233758

Severity: Normal

Type: NormalFix

Build: 5006, 5101

Route Processing

InQuira ID: NFX9419

Title: The timestamp on Routing transactions in Sterling File Gateway is off.

Description: The timestamp on Routing transactions in Sterling File Gateway is five hours later than Sterling Integrator on same server. Setting the Timezone to Server time or local time doesn't have any affect.

Error Message: no error message

Resolution:

Correct calculation in timezone and UTC offset.

Apply Sterling B2B Integrator, Release 5.0 build 5006 or later..

Apply Sterling B2B Integrator, Release 5.1 build 5101 or later..

Functional Area: Route Processing

Escalation ID: 129245

Fix ID: 210848, 233541

Severity: Normal

Type: NormalFix

Build: 5006, 5101

SCM Integration

InQuira ID: NFX9763

Title: User Name is truncated while attempting to create AS2 resources in Sterling B2B Integrator using Sterling Community Manager

Description: If AS2 Mailbox profile name is more than eight characters, the corresponding user name in Sterling B2B Integrator is truncated. The Mailbox user name is truncated only when you are attempting to create AS2 resources in Sterling B2B Integrator using Sterling Community Manager.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: SCM Integration

Escalation ID: QC

Fix ID: 228528, 233791

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9333

Title: Unable to run HTTP Sponsor Program in Sterling Community Manager

Description: Unable to run HTTP Sponsor Program in Sterling Community Manager. An error is displayed after clicking on Step Completed .

This is applicable in Sterling Community Manager only when you install forscm.jar generated using Sterling Integrator is installed using JDK 1.6.

Error Message:

```
com.yantra.yfc.util.YFCException
at com.yantra.ycp.wf.server.YFSWorkflowManager.getPipelineDropStatus(YFSWorkflowManager.java:564)
at com.yantra.ycp.wf.server.YFSWorkflowManager.getDropStatus(YFSWorkflowManager.java:454)
at com.sterlingcommerce.cmo.business.execute.CMOWaveInviteeStatusManager.updateWaveInviteeStatusDetails(CMOWaveInviteeStatusManager.java:251)
at com.sterlingcommerce.cmo.business.execute.CMOWaveInviteeStatusManager.changeWaveInviteeStatus(CMOWaveInviteeStatusManager.java:70)
at com.sterlingcommerce.cmo.business.execute.CMOManageResponses.updateStepCompletionDetails(CMOManageResponses.java:1129)
at com.sterlingcommerce.cmo.business.execute.CMOManageResponses.checkStepCompletion(CMOManageResponses.java:1045)
at com.sterlingcommerce.cmo.business.execute.CMOManageResponses.updateNewAnswers(CMOManageResponses.java:576)
at com.sterlingcommerce.cmo.business.execute.CMOManageResponses.updateResponses(CMOManageResponses.java:396)
at com.sterlingcommerce.cmo.business.execute.CMOManageResponses.manageCMOResponses(CMOManageResponses.java:158)
at com.sterlingcommerce.cmo.api.CMOApiImpl.manageResponses(CMOApiImpl.java:795)
at sun.reflect.GeneratedMethodAccessor56.invoke(Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:618)
at com.yantra.interop.services.api.ApiHelper.invoke(ApiHelper.java:530)
at com.yantra.integration.adapter.DefaultIntegrationFlow.invoke(DefaultIntegrationFlow.java:166)
at com.yantra.interop.services.api.ApiRequestDispatcher.invoke(ApiRequestDispatcher.java:80)
at com.yantra.ycp.ui.backend.YCUIAPIManager.invokeAPI(YCUIAPIManager.java:406)
at com.yantra.yfc.ui.backend.servlets.BaseServlet.invokeAPI(BaseServlet.java:149)
at com.yantra.yfc.ui.backend.servlets.BaseServlet.invokeAPI(BaseServlet.java:124)
at com.yantra.yfc.ui.backend.taglib.CallAPITag.doEndTag(CallAPITag.java:169)
at org.apache.jsp.cmo.invitations.detail.stepcompleted_005fredirector_jsp._jspService(stepcompleted_005fredirector_jsp.java:3344)
at org.apache.jasper.runtime.HttpJspBase.service(HttpJspBase.java:70)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:803)
at org.mortbay.jetty.servlet.ServletHolder$SingleThreadedWrapper.service(ServletHolder.java:617)
at org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java:487)
at org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:362)
at org.mortbay.jetty.security.SecurityHandler.handle(SecurityHandler.java:216)
at org.mortbay.jetty.servlet.SessionHandler.handle(SessionHandler.java:181)
at org.mortbay.jetty.handler.ContextHandler.handle(ContextHandler.java:726)
at org.mortbay.jetty.webapp.WebAppContext.handle(WebAppContext.java:405)
```

```
at org.mortbay.jetty.servlet.Dispatcher.include(Dispatcher.java:192)
at com.yantra.yfc.ui.backend.servlets.BaseServlet.callJSP(BaseServlet.java:224)
at com.yantra.yfc.ui.backend.servlets.DetailServlet.processRequest(DetailServlet.java:138)
at com.yantra.yfc.ui.backend.servlets.ConsoleServlet.callServlet(ConsoleServlet.java:354)
at com.yantra.yfc.ui.backend.servlets.ConsoleServlet.processRequest(ConsoleServlet.java:250)
at com.yantra.yfc.ui.backend.servlets.BaseServlet.doPost(BaseServlet.java:276)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:710)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:803)
at org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java:487)
at org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.java:1093)
at com.sterlingcommerce.woodstock.ui.dlso.DLSSOFilter.doFilter(DLSSOFilter.java:194)
at org.mortbay.jetty.servlet.ServletHandler$CachedChain.doFilter(ServletHandler.java:1084)
at org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:360)
at org.mortbay.jetty.security.SecurityHandler.handle(SecurityHandler.java:216)
at org.mortbay.jetty.servlet.SessionHandler.handle(SessionHandler.java:181)
at org.mortbay.jetty.handler.C
```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: SCM Integration

Escalation ID: QC

Fix ID: 203854, 233389

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9260

Title: CertificateConverterImpl may not detect CRL signing CA certificates

Description: CertificateConverterImpl may not detect CRL signing CA certificates

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: SCM Integration

Escalation ID: QC

Fix ID: 204928, 233419

Severity: Normal

Type: NormalFix

Build: 5006, 5101

Security/Encryption

InQuira ID: NFX9258

Title: RosettaNet transaction is failing

Description: RosettaNet transaction is failing while transacting with Packaging Type set as Encrypted and Content Transfer Encoding set as Quoted Printable.

Error Message:

UNP.MESG.DCRYPTERR: Payload decryption failure. Details: decryption-failed: com.trustpoint.asn.AsnException: Unable to match element BitString to a member of com.trustpoint.cms.ContentInfo - last attempted member was com.trustpoint.asn.AsnAny

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Security/Encryption

Escalation ID: QC

Fix ID: 202840, 234252

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9779

Title: Messages are visible irrespective of Mailbox permission

Description: Messages are visible to everyone irrespective of Mailbox permissions set.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Security/Encryption

Escalation ID: QC

Fix ID: 226676, 233765

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX8076

Title: Unable to obscure Sterling B2B Integrator system passphrase after Sterling B2B Integrator 5.0 Upgrade

Description: After upgrading from Gentran Integration Suite 4.3 patch 18 to Sterling B2B Integrator 5.0 patch 3, not ble to run the shell script: obscure_passphrase.sh

It gives the following error message:

```
class not found: com.sterlingcommerce.security.opsutilities.WPasswords -  
com.sterlingcommerce.security.opsutilities.WPasswords
```

Error Message:

```
class not found: com.sterlingcommerce.security.opsutilities.WPasswords -  
com.sterlingcommerce.security.opsutilities.WPasswords
```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Security/Encryption

Escalation ID: 124328

Fix ID: 211057, 233545

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX8477

Title: Missing password SALT for users created in Sterling File Gateway GUI

Description: Security issue in Sterling File Gateway - SALT hash is not used for storing Trading Partner passwords.

Error Message: none

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Security/Encryption

Escalation ID: 145629

Fix ID: 214988, 233582

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX8447

Title: Cryptographic message service error - MD4 MessageDigest not available

Description: Every time you use the cryptographic message service to sign a message, the error below is generated on the crypto log

The services signs correctly the message and there is no error at the service level.

Error Message:

```
2010-02-26 11:21:43.846]
ERROR 000000000000 GLOBAL_SCOPE Unable to instantiate MD4
[2010-02-26 11:21:43.846]
ERROR 000000000000 GLOBAL_SCOPE [1267179703846]
MD4 MessageDigest not available
[2010-02-26 11:21:43.846]
ERRORDTL 000000000000 GLOBAL_SCOPE [1267179703846]
java.security.NoSuchAlgorithmException:
  MD4 MessageDigest not available at sun.security.
  jca.GetInstance.getInstance(GetInstance.java:142)
[2010-02-26 11:21:43.846]
ERROR 000000000000 GLOBAL_SCOPE Unable to instantiate MD4
  java.security.NoSuchAlgorithmException: MD4 MessageDigest not available
```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Security/Encryption

Escalation ID: 00148382

Fix ID: 216027, 233592

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX7673

Title: Gentran Integration Suite processes hang when uncommenting the StrongCipherSuite in security.properties.

Description: Gentran Integration Suite processes hang when uncommenting the StrongCipherSuite in security.properties. There are spaces, linefeeds, slashes in between the ciphers in the StrongCipher Suites.

Customer running at Gentran Integration Suite 4319_BR52615_188642_190308.

Error Message: Gentran Integration Suite processes hang but there are no errors reported.

Resolution:

Cipher Suites are created in TLSCipherSuites.java where it tokenizes the value of StrongCipherSuite property from security.properties and creates an array of string for cipher values. So if any cipher value has any unwanted space it is not recognized and an exception is thrown saying [Cipher] Unsupported when client tries to begin a handshake with the server and hence fails. The permanent fix is to trim the cipher values when these are tokenized and put into array. In that case even if cipher values have spaces in the property as defined in the security.properties file it still will be taken care of.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Security/Encryption

Escalation ID: 101447

Fix ID: 208183, 206568, 233495

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX7060

Title: The HTTPOnly flag is not being set with the Set-Cookie HTTP response header in Sterling Integrator

Description: The HTTPOnly flag is not being set with the Set-Cookie HTTP response header in Sterling Integrator . It provides protection by mitigating session hijacking from an XSS attack. Additionally, it protects the cookie and prevents the session id from being passed around via javascript.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Gentran Integration Suite 4.3, Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Security/Encryption

Escalation ID: 00067282

Fix ID: 192858, 192855, 233635

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX7077

Title: Error running the bin directory script decrypt_string (Line 54 bootstrapper.jar error)

Description: Issue encountered when running the decrypt_string shell script from the Sterling Integrator bin directory.

Script issues the full usage, then issues an error attempting to execute the Sterling Integrator bootstrapper.jar

Error Message:

```
siadmin@siediprodi1:/opt/local/software/si50/bin> $
./decrypt_string.sh test
-classpath requires
class path specification.
Usage: java [-options]
class [args...]
(to execute a class)
or
java [-jar] [-options] jarfile [args...]
(to
execute a jar file) where options include:
-cp
-classpath <directories and zip/jar files separated by :>
set
search path for application classes and resources
-D<name>=<value>
set
a system property
-verbose[:class|gc|jni]
enable
verbose output
-version print product version
-version:<value>
require
the specified version to run
-showversion
print product version and continue
-jre-restrict-search
| -no-jre-restrict-search
include/exclude
user private JREs in the version search
-agentlib:<libname>[=<options>]
load
native agent library <libname>, e.g. -agentlib:hprof
see
also, -agentlib:jdwp=help and -agentlib:hprof=help
-agentpath:<pathname>[=<options>]
```

```
load
native agent library by full pathname
-javaagent:<jarpath>[=<options>]
load
Java programming language agent, see java.lang.instrument
-?
-help print this help message
-X print help
on non-standard options
-assert print help
on assert options
./decrypt_string.sh: line
54: /opt/local/software/si50 /jar/bootstrapper.jar: Permission denied
./decrypt_string.sh:
line 54: /opt/local/software/si50 /jar/bootstrapper.jar: cannot execute
binary file
```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Work-around: The script contains a linefeed in the command. The line which executes the java class has been divided between two lines. Editing the `decrypt_string.sh` and removing the linefeed after `-classpath` corrects the issue. The last line in the file should begin with `{JAVA.EN_US}` --- everything after that are parameters for that execution.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Security/Encryption

Escalation ID: 92744

Fix ID: 201077, 233322

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX7583

Title: An error may be logged in the `visibility.log` if the certificate names exceed 100 characters

Description: When using multiple certificates with a Connect Direct adapter configuration, if the total number of characters in all of the certificate names exceeds 100 characters, it may cause an error to be logged in the `visibility.log` file.

This error being logged in the `visibility.log` does not appear to interrupt the process or cause it to fail.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Security/Encryption

Escalation ID: 000104806

Fix ID: 205819, 205037, 233450

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX9765

Title: The user is able to view, checkin, and checkout business processes without permission

Description: The user is able to view, checkin, and checkout instances of business processes without permission from Central Search.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Security/Encryption

Escalation ID: QC

Fix ID: 226582, 233763

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX3635

Title: Certificate that successfully checks into Gentran Integration Suite 4.0 fails to check in with Gentran Integration Suite 4.3 and Sterling B2B Integrator 5.0

Description: Certificate that successfully checks into Gentran Integration Suite 4.0 fails to check in with Gentran Integration Suite 4.3 and Sterling B2B Integrator 5.0

Error Message:

"We thought this most resembled a plain DER encoded object. DER decoding failed withjava.security.cert.CertificateException: Error parsing DER data com.trustpoint.asn.AsnException: Size constraint violated: 1 <= 77 <= 64 We tried PKCS7. PKCS7 decoding failed withjava.security.cert.CertificateException: Error parsing PKCS7 SignedData com.trustpoint.asn.AsnException: Unable to match element Sequence to a member of com.trustpoint.pkcs.pkcs7.ContentInfo - last

attempted member was
com.trustpoint.asn.AsnObjectIdLabel.errorCeryPKCS12java.security.cert.

CertificateException: Error parsing PKCS12 certificate(s): Unable to match element Sequence to a member of com.trustpoint.pkcs.pkcs12.PFX - last attempted member was com.trustpoint.asn.AsnInteger"

This error points to the Organizational Unit Name in the subject line of the certificate which is greater than 64 characters.

Resolution:

Removed restriction on the Organizational Unit Name in the subject line of the certificate.

Apply Gentran Integration Suite, Release 4.3 Build 4312 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Security/Encryption

Escalation ID: 1370344, 177657

Fix ID: 162234, 220986, 233667

Severity: Normal

Type: NormalFix

Build: 4312, 5006, 5101

Sterling File Gateway

Sterling File Gateway - Admin UI

InQuira ID: NFX9329

Title: Unable to generate reports in Sterling File Gateway running on a Windows XP system with Safari browser version 4.0.04

Description: Unable to generate reports in Sterling File Gateway running on a Windows XP system with Safari browser version 4.0.04 if report window is closed. Once the report is generated, close the report browser window or tab and attempt to generate another report, there is no response.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Sterling File Gateway - Admin UI

Escalation ID: QC

Fix ID: 210392, 233531

Severity: Normal

Type: NormalFix

Build: 5006, 5101

Sterling File Gateway - Installation

InQuira ID: NFX9324

Title: Sterling File Gateway is not installed automatically after applying a Sterling Integrator patch

Description: After installing Sterling B2B Integrator patch on a system where Sterling File Gateway is also installed, the install service should detect if Sterling File Gateway installation and then install it automatically.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Sterling File Gateway - Installation

Escalation ID: QC

Fix ID: 220502, 233660

Severity: Normal

Type: NormalFix

Build: 5006, 5101

Sterling File Gateway - Partner Management

InQuira ID: NFX9530

Title: Sterling File Gateway partners can be created using the same partner codes in different cases

Description: Sterling File Gateway partners can be created using the same partner codes in different cases when using DB2 database.

Error Message: N/A

Resolution:

Partners with same partner codes in different cases cannot be created.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Sterling File Gateway - Partner Management

Escalation ID: QC

Fix ID: 224361, 233737, 234528

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

Sterling File Gateway - Performance

InQuira ID: NFX9535

Title: Full table scan is performed on YFS_USER table

Description: Full table scan is performed on YFS_USER table, which is a CPU intensive operation.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Sterling File Gateway - Performance

Escalation ID: QC

Fix ID: 208932, 233511

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX5521

Title: AFTRouteSendMessage BP is not making use of the document storage type that is set in the BP

Description: AFTRouteSendMessage business process is not making use of the document storage type that is set in the business process. Though the storage type is changed from the default (Database) to filesystem, the business process steps show database as document storage. Since Advanced File Transfer does not create

a document in this specific Advanced File Transfer setup, changing the document storage type of the Advanced File Transfer business processes does not have any impact on routing. The storage type only comes into play when the document is created. Once this is done, its document storage setting remains the same regardless of which mailbox it was added to or removed from.

The storage type is determined by the setting of the adapter (FTP or HTTP) that created the document as a result of the upload by the initiating producer. This means that the storage type of the respective server adapter used by the producer needs to be updated to take the effect. When a producer uses an FTP server adapter to upload a document, changing the FTP adapter's storage type is currently working perfectly as expected. While using MBI interface, that is accessing MBI through HTTP adapter into which mailbox WAR is deployed, changing the HTTP adapter's storage type is not being used correctly while routing.

Error Message: No error message.

Resolution:

For Advanced File Transfer issues, Apply Gentran Integration Suite, Release 4.3 Build 4319 or later.

For Sterling File Gateway issues, please apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

For Advanced File Transfer:

By default, Gentran Integration Suite provides one instance of the HTTP Server Adapter with name MBI HTTP server adapter where mailbox and myaft wars are deployed at <base-port>+34. Storage type of this instance could be controlled by users as needed, for example, Database to File system. The Producer has to either use mailbox interface or myaft interface with the respective port to upload a document (<http://host:port/mailbox> OR <http://host:port/myaft>).

For Sterling File Gateway:

The following new properties are added in filegateway_ui.properties to decide document storage as an override to the global default supplied in jdbc.properties. # Storage type to use for new documents

#

storage type can be configured to one of the following:

default - use the system default

db - store documents in database

file - store documents in file system

#

examples:

storagetype=db

storagetype=file

storagetype=default

storagetype=defaultIf any document goes into the mailbox via myFileGateWay the storage type is decided based on the above properties file configuration.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Sterling File Gateway - Performance

Escalation ID: 25963

Fix ID: 182950, 199301, 201061, 233319

Severity: Normal

Type: NormalFix

Build: 4319, 4322, 5006, 5101

Sterling File Gateway - Route Delivery

InQuira ID: NFX6957

Title: Sterling File Gateway Trading Partner FTP Connection Type is not used

Description: Using Gentran Integration Suite 4.3 and build 4319 and Sterling Integrator 5.0 build 5002. The Sterling File Gateway Trading Partner FTP Connection Type is not used. All connections default to active or port mode.

The Business Process - FileGatewayDeliverFTP FTP Put Service is not using the Connection Type specified for a Trading Partner. Even though the Connection Type is passive the connections are using port or active mode.

Error Message: No errors are observed unless network security does not allow active or port mode.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

As a work around alter the FTP Put service in the Business Process - FileGatewayDeliverFTP to point to the Connection Type in Process Data.

```
<operation name="FTP Client PUT Service">
<participant name="FTPClientPut"/>
<output message="FTPClientPutServiceTypeInputMessage">
<assign to="SessionToken"
from="FTPClientBeginSessionServiceResults/SessionToken/text()"/>
<assign to="DocumentId" from='PrimaryDocumentId/text()'/>
<assign to="RemoteFileName" from='DestinationMessageName/text()'/>
<!-- Case 84348 Work around -->
<assign to="ConnectionType"
from="//ProcessData/FTPClientBeginSessionServiceResults/
TPProfile/ConnectionType/text()"/>
```

```
</assign>
<assign to="." from="*" />
</output>
<input message="inmsg">
<assign to="FTPClientPutServiceResults" from="*" />
</input>
```

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Sterling File Gateway - Route Delivery

Escalation ID: 00084348

Fix ID: 203561, 198509, 233378

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

Sterling File Gateway - Route Visibility

InQuira ID: NFX9034

Title: Inconsistent behavior of Arrived File Event details link to Routing Channel Template by not opening a new browser window

Description: In Sterling File Gateway, when clicking the Routing Channel Template link in the Arrived File Event for a routed event, the browser takes the user to the Routing Channel Template in the same browser window.

Unlike other links in the same routed event where other links would allow opening a new browser window for viewing and editing needs.

Error Message: None

Resolution:

The behavior has been changed so that when clicking the Routing Channel Template link in the Arrived File Event for a routed event, a new browser window is opened to allow viewing and editing of the Routing Channel Template.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Sterling File Gateway - Route Visibility

Escalation ID: 00119698

Fix ID: 218252, 211924, 233625

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX8643

Title: Sterling File Gateway Failed Route Shows Blank Fields for Producer, Consumer and Mailbox path name, file size is zero and Dataflow is 0.

Description: An apparent failed route In FileGateway shows the producer, consumer, mailbox path as blank fields , file size is zero. Dataflow is 0.

MessageID's found in the FileGatewayMailboxRoute are untraceable and could not be located within the system.

When drilling into the workflow, there were 3 mailbox messages id's in process data. These messages could not be located in the system, nor determine what even spawned this.

Error Message:

FileGateway.log

```
[2010-03-24 13:53:04.016] ERROR 000000000000 GLOBAL_SCOPE Arrived File Failed
com.servname.fg.exception.FileGatewayException:
Failed to load message 792,466 from mailbox.
Cause: com.servname.woodstock.mailbox.repository.
MessageNotFoundException:
Message ID 792466 is not known..
at com.servname.fg.exception.FileGatewayException.
newMessageLoadFailure(FileGatewayException.java:98)
  at com.servname.fg.router.ArrivedFile$1.run(ArrivedFile.java:506)
  at com.servname.fg.util.Mailboxing$26$1.body(Mailboxing.java:677)
  at com.servname.woodstock.mailbox.db.DatabaseOperation._
run(DatabaseOperation.java:254)
  at com.servname.woodstock.mailbox.db.DatabaseOperation.
run(DatabaseOperation.java:121)
  at com.servname.fg.util.Mailboxing$26.run(Mailboxing.java:673)
  at com.servname.woodstock.mailbox.db.DatabaseOperation.
runContained(DatabaseOperation.java:106)
  at com.servname.fg.util.Mailboxing.
runMailboxCodeInTransaction(Mailboxing.java:671)
  at com.servname.fg.router.ArrivedFile.
gatherMessageInformation(ArrivedFile.java:498)
  at com.servname.fg.router.ArrivedFile.
createArrivedFile(ArrivedFile.java:308)
  at com.servname.fg.router.ArrivedFile.
start(ArrivedFile.java:130)
  at com.servname.fg.router.FileGatewayRouter.
processArrivedFile(FileGatewayRouter.java:106)
  at com.servname.fg.services.FileGatewayArrivedFileService.
primitiveProcessData(FileGatewayArrivedFileService.java:91)
  at com.servname.fg.services.TransformingRouterService.
processData(TransformingRouterService.java:64)
  at com.servname.woodstock.workflow.activity.engine.
ActivityEngineHelper.invokeService(ActivityEngineHelper.java:1770)
  at com.servname.woodstock.workflow.activity.engine.
ActivityEngineHelper.nextMainLogic(ActivityEngineHelper.java:640)
  at com.servname.woodstock.workflow.activity.engine.
ActivityEngineHelper.next(ActivityEngineHelper.java:367)
  at com.servname.woodstock.workflow.queue.WorkFlowQueueListener.
doWork(WorkFlowQueueListener.java:326)
  at com.servname.woodstock.workflow.queue.WorkFlowQueueListener.
run(WorkFlowQueueListener.java:202)
  at com.servname.woodstock.workflow.queue.WorkFlowQueueListener.
onMessage(WorkFlowQueueListener.java:163)
  at com.servname.woodstock.workflow.queue.WorkFlowQueueListener.
onMessage(WorkFlowQueueListener.java:149)
  at com.servname.woodstock.workflow.queue.wfTransporter.run(
wfTransporter.java:331)
  at com.servname.woodstock.workflow.queue.BasicExecutor$Worker.
run(BasicExecutor.java:496)
  at java.lang.Thread.run(Thread.java:810)
```

Resolution:

The root cause of this issue was due to the SFTP remote client did an upload to Sterling File Gateway and then immediately renamed the file. Renaming a file is a SFTP client feature called 'Transfer Resume' available in WinSCP, other clients may have a similar feature. The renamed file is processed in Sterling File Gateway and no data is loss; however the original file is deleted on file rename and Sterling File Gateway still tries to route this original file. In WinSCP, to disable creation of file names *.filepart, access Preferences from Menu Options, look for Endurance under Transfer, click Disable under "Enable transfer resume/transfer to temporary filename for". In-house tested this issue by starting a transfer of a large file and canceling during the file transfer. Results if we did NOT select Disable, after the cancel a file existing on the server with trailing suffix .filepart. Results if we selected Disable, the file named .filepart did not exist on Sterling File Gateway SFTP server.

This resolution updates the FileGatewayArrivedFileService to better handle missing messages and includes support for multiple file name

patterns with the ignoreFilename parameter in filegateway.properties file.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Sterling File Gateway - Route Visibility

Escalation ID: 00159211

Fix ID: 217167, 217166, 233605

Severity: Critical

Type: NormalFix

Build: 4324, 5006, 5101

Sterling File Gateway - User Interface

InQuira ID: NFX9245

Title: Sterling File Gateway refers to partners by code

Description: Sterling File Gateway refers to partners by code instead of their name.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Sterling File Gateway - User Interface

Escalation ID: QC

Fix ID: 193899, 233255

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9328

Title: Delete Routing Channel times out when you have more than 85000 routing channels

Description: Delete Routing Channel times out when you have more than 85000 routing channels in the system.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Sterling File Gateway - User Interface

Escalation ID: QC

Fix ID: 200432, 233297

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9319

Title: Routing Channel Template is case-sensitive

Description: While creating a Routing Channel, the Routing Channel Template combo box returns the desired template only when the entered text matches the desired template name.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Sterling File Gateway - User Interface

Escalation ID: QC

Fix ID: 211983, 233553

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9321

Title: All deliveries to FTPS listening consumers are failing

Description: All deliveries to FTPS listening consumers are failing as Advanced File Transfer onboarding screens for FTPS are no longer setting CA certificates in the transport records.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Sterling File Gateway - User Interface

Escalation ID: QC

Fix ID: 202287, 233348

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9537

Title: Sterling File Gateway permission types are not displayed in Sterling B2B Integrator

Description: Sterling File Gateway permission types are not displayed in Sterling B2B Integrator. The permissions assigned to Sterling File Gateway are listed in the database, but do not appear in the Sterling B2B Integrator Permissions page.

Error Message: N/A

Resolution:

The Sterling File Gateway permissions are now displayed in Sterling B2B Integrator Permissions page.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply SSterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Sterling File Gateway - User Interface

Escalation ID: QC

Fix ID: 221997, 233692

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9532

Title: Sterling File Gateway Event Code Email Notification not being sent intermittently

Description: Sterling File Gateway e-mail notifications are failing. E-mail notifications are successful if the first notification is successful. However, if the first notification fails, subsequent notifications fail. This issue affects Sterling File Gateway in both Gentran Integration Suite 4.3 and Sterling B2B Integrator 5.0.

Error Message:

```
[2010-07-06 05:29:31.385]
DEBUG 000000000000 GLOBAL_SCOPE FileGatewayEventListener.sendEmail()
- Email Address is: manish_goyal@stercomm.com
[2010-07-06 05:29:31.387]
ERROR 000000000000 GLOBAL_SCOPE Received an error
attempting to send event subscription notification to user
[2010-07-06 05:29:31.387]
ERROR 000000000000 GLOBAL_SCOPE [1278408571387] There
was a problem sending the email notification of event FG_0420 to
user mgprod.
[2010-07-06 05:29:31.387]
ERRORDTL 000000000000 GLOBAL_SCOPE [1278408571387]
com.servername.fg.exception.FileGatewayEventNotificationException:
There was a problem sending the email notification of
event FG_0420 to user mgprod.
at com.servername.fg.exception.FileGatewayEventNotificationException.
errorSending
Email(FileGatewayEventNotificationException.java:29)
at com.servername.fg.visibility.FileGatewayEventListener.sendEmail(
FileGatewayEve
ntListener.java:503)
at com.servername.fg.visibility.FileGatewayEventListener.
sendNotification(FileGat
ewayEventListener.java:461)
at com.servername.fg.visibility.FileGatewayEventListener.
handleFileGatewayEvent(F
ileGatewayEventListener.java:374)
at com.servername.fg.visibility.FileGatewayEventListener.
handleEvent(FileGatewayEventListener.java:195)
at com.servername.woodstock.event.EventProcessor.
fireEvent(EventProcessor.java:325)
at com.servername.fg.visibility.FileGatewayEventFactory.
basicFireEvent(FileGatewa
yEventFactory.java:722)
at com.servername.fg.visibility.FileGatewayEventFactory.
fireAllEventsOnSameThread
(FileGatewayEventFactory.java:714)
at com.servername.fg.visibility.FileGatewayEventFactory$1.
run(FileGatewayEventFac
tory.java:706) at java.lang.Thread.run(Thread.java:735)Caused
by: javax.mail.MessagingException:
Could not connect to SMTP host: localhost,
port: 25;nested exception is:java.net.ConnectException:
A remote host refused an attempted connect operation.
```



```
at com.sun.mail.smtp.SMTPTransport.openServer(
SMTPTransport.java:1213)
at com.sun.mail.smtp.SMTPTransport.protocolConnect(
SMTPTransport.java:311)
at javax.mail.Service.connect(Service.java:233)
at javax.mail.Service.connect(Service.java:134)
at javax.mail.Service.connect(Service.java:86)
at com.sun.mail.smtp.SMTPTransport.connect(
SMTPTransport.java:144)
at javax.mail.Transport.send0(Transport.java:150)
at javax.mail.Transport.send(Transport.java:80)
at com.servename.fg.visibility.FileGatewayEventListener.
sendEmail(FileGatewayEvent
ntListener.java:500)
... 8 more
```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling Integrator, Release 5.0 Build 5006 or later.

Apply Sterling Integrator Release 5.1, Build 5101 or later.

Functional Area: Sterling File Gateway - User Interface

Escalation ID: 202598

Fix ID: 225081, 226852, 233746

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX9534

Title: Sterling File Gateway redelivery does not work

Description: Sterling File Gateway redelivery option does not work for a successfully delivered file.

Error Message: N/A

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5101 or later.

Functional Area: Sterling File Gateway - User Interface

Escalation ID: QC

Fix ID: 225179, 233748, 234529

Severity: Normal

Type: NormalFix

Build: 5006, 5101, 4324

InQuira ID: NFX9483

Title: Filegateway and custom user groups issue

Description: When creating a custom user group "SFG_USERS" with following sub-groups assigned to it:

"File Gateway Integration Architects"

"File Gateway Route Provisioners"

"Dashboard Users"

"Deployment"

"System Operations"

It should have all access pre-defined by above sub groups.

Error Message:

Created a test user: "demo_user" under SFG_USERS group and tried to login to filegateway URL. However, the following error message is returned: "User is not authorized to use this application"

Resolution:

Corrected Sterling File Gateway UI Login to look at all group permissions.

Apply Sterling B2B Integrator, Release 5.0 build 5006 or later..

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later..

Apply Sterling B2B Integrator, Release 5.1 build 5101 or later..

Functional Area: Sterling File Gateway - User Interface

Escalation ID: 96937

Fix ID: 207621, 203435, 233488

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9748

Title: Password validation messages are displayed incorrectly

Description: In Sterling File Gateway, password validation messages are displayed incorrectly if you press Enter instead of clicking on Sign In .

Error Message: No error message. Password validation messages are displayed incorrectly.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1, Build 5101 or later.

Functional Area: Sterling File Gateway - User Interface

Escalation ID: QC

Fix ID: 227101, 233774

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9863

Title: Sterling File Gateway Rout tab displays Broadcast Routing Results of all consumers.

Description: Sterling File Gateway Rout tab displays Broadcast Routing Results of all consumers.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Sterling File Gateway - User Interface

Escalation ID: QC

Fix ID: 229470, 233796

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9846

Title: Enable Performance Statistics checkbox is disabled

Description: When you are trying to access Sterling B2B Integrator dashboard interface through Sterling Secure Proxy with single signon enabled, the Enable Performance Statistics checkbox is disabled in the Performance Statistics Report Manager page.

Error Message: N/A

Resolution:

The Enable Performance Statistics checkbox can now be enabled/disabled.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Sterling File Gateway - User Interface

Escalation ID: QC

Fix ID: 217694, 233612

Severity: Normal

Type: NormalFix

Build: 5006, 5101

Single SignOn

InQuira ID: NFX8904

Title: SSP/SEAS SSO Permission Issue When Switching Users Permissions Are Inherited From Super User to Non Super

Description: How to reproduce SSP/SEAS SSO Permission issue, when switching users permissions are inherited from Super User to Non Super:

1. Enable the SSO between SSP and Gentran Integration Suite - Dashboard
2. Create a super user, which has all the permissions
3. Create a another user with less permissions - may be Trading Profiles.
4. Open a browser and log in as Super User First
5. Click on logout button, don't close the browser window
6. Now log in as other user you have created in step 3. You should see all the super user permissions under this user.

Testing in a standalone environment (no SSO or SSP involved) yields the following: There appears to be no inheritance in a standalone environment. Only environment with SSP/SSO yields this result.

Error Message: No error message

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Single SignOn

Escalation ID: 00174747

Fix ID: 221318, 220171, 233673

Severity: Critical

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX7059

Title: When Sterling File Gateway rejects a user the browser is no longer usable to login into Sterling File Gateway resources.

Description: The user is on Gentran Integration Suite, Release 4.3 Build 4318 and Sterling File Gateway 1.1. The problem also occurs when using Sterling B2B Integrator and Sterling File Gateway 2.0. When Sterling File Gateway rejects a user login and returns a "permission denied" type of message, The browser does not allow the user to access the Sterling File Gateway Links to attempt login again.

A different browser session is required to login again.

Error Message:

After the user id is rejected the panel displays the error below:

The user (account name) is not allowed to use this application. Please contact your system administrator.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Single SignOn

Escalation ID: 00086024

Fix ID: 183780, 198584, 233271

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

Standards

InQuira ID: NFX7069

Title: ISA 11 Repetition Separator is the letter "U" and a "U" character is in the data but it does not fail X12 Deenvelope

Description: ISA 11 Repetition Separator is the letter "U" and a "U" character is in the data but it does not fail X12 Deenvelope.

The repetition separator is not passed to the translator from the ISA 11 during X12 deenveloping, regardless of the character received.

Error Message: None

Resolution:

The translator was updated to only pass the repetition separator from the ISA 11 if the character is not alpha numeric.

By design, alpha numeric characters, such as "U" will not cause an error during X12 Deenvelope, and will not be used as the repetition separator.

Non alpha numeric characters, will now be correctly passed from the ISA 11 to the translator.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later

Apply Sterling B2B Integrator, Release 5.0 Build 5007 or later.

Note: For Sterling B2B Integrator, release 5.0 Build 5006 only, the behavior is different.

Both alpha numeric and non alpha numeric characters are passed from the ISA 11 to the translator.

If an alpha numeric character such as "U" is received in the ISA 11 and is contained in the data, it will cause as error.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 89326

Fix ID: 206237, 201024, 233456

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

Description: If the Usage Indicator (ISA15) field of an outbound X12 ISA Document Envelope contains a wildcard (the asterisk character, *), the wildcard should be overridden in the outbound business process by a value from a Correlation Service that is placed immediately in front the EDI Encoder service. However, if the ISA15 contains a wildcard and the outbound business process does not contain a Correlation Service, the wildcard (*) will be placed in ISA15 of the outbound X12 document, thus Gentran Integration Suite envelopes non-compliant X12 data.

Error Message: No error message, but Gentran Integration Suite envelopes invalid X12 data.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Once the build has been installed, if the Usage Indicator (ISA15) field contains a wildcard and no overriding value is provided by a Correlation Service in the outbound business process, Gentran Integration Suite will use the default value ('P') when the business process runs.

An interim workaround is not to use the 'Any Indicator (wildcard)' setting for the Usage Indicator unless the the outbound business process contains a Correlation Service immediately preceding the call to EDI Encoder. The Correlation Service must include a Name / Value pair where the Name is 'Out_InterchangeTestIndicator' and its corresponding Value is either 'T', 'P', or 'I'.

Example:

```
<assign  
to="NAME">Out_InterchangeTestIndicator</assign>  
<assign  
to="VALUE">T</assign>
```

Note: It is possible to specify multiple Name / Value pairs in the Correlation Service by assigning unique names to each pair (i.e. NAME / VALUE, NAME1 / VALUE1, NAME2 / VALUE2, etc.)

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 73532

Fix ID: 196584, 199823, 233288

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX6886

Title: EDIFACTEnvelopeUnified does not create the correct number of interchanges

Description: EDIFACTEnvelopeUnified does not create the correct number of interchanges

Gentran Integration Suite version 4.3 patch 4319

A data file containing multiple trading partners, each with multiple documents, is processed by the Document Extraction service.

One of the trading partners has the "Maximum number of documents per interchange" parameter set to 1 in the UNB envelope.

The EDIFACTEnvelopeUnified process creates 1 interchange, each containing 1 document, for all trading partners.

Document Extraction has these parameters set:-

BatchLikeDocuments YES

EDIEncodeDocument YES

EDIEnvelopeDocument YES

Error Message: None

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 00077394

Fix ID: 198937 200633, 233304

Severity: Normal

Type: NormalFix

Build: 4322 5006, 5101

InQuira ID: NFX7269

Title: Data from the S block in Swift 103 message is not in ProcessData after Deenveloping

Description: Data from the S block in Swift 103 message is not in ProcessData after Deenveloping

Error Message: None - Output incorrect.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 098615

Fix ID: 209138, 203370, 233373, 243928

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX7540

Title: TranslationReport node points to empty document if using file system storage

Description:

Gentran Integration Suite 4.3 - 4319

Sterling B2B Integrator 5.0 - 5002

The X12 Envelope service has an undocumented parameter, OUTPUT_REPORT_TO_PD, which will create a translation report in XML format and place it in the document area with a link from process data. This parameter is part of the BaseEDI envelope process and is used for error handling. When the X12 Envelope service is run in a BP which is using DB for file storage, everything works fine. When the X12 Envelope service is run in a BP which uses FS for file storage, the link from process data leads to an empty document. This causes error handling in BaseEDI to fail.

Error Message:

The failure that causes the error-handling to halt is due to the blank document in the TranslationReport node.

You can determine this is an issue in your system if you receive a Translation-Error-Some-Docs error in the X12EnvelopeUnified process and the TranslationReport node that is created points to an empty document.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 107777

Fix ID: 205049, 233426

Severity: Normal

Type: NormalFix

Build: 5006, 5101

Title: Deferred EDI Enveloping Svc sets the CLEARONSTARTUP flag to zero in the LOCKS table

Description:

When using EDI Enveloping Service in deferred mode on a clustered system Gentran Integration Suite will set a lock in the LOCKS table and also set the CLEARONSTARTUP flag to zero (false). If Gentran Integration Suite is brought down during processing while EDI Enveloping in deferred mode is running then upon restart this will not be released.

Error Message: No error message, the scheduled deferred enveloping processes will not run because a lock persists in the LOCKS table and has to be manually removed.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 103288

Fix ID: 205796, 206645, 233467

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX8266

Title: UI doesn't allow the contrl generation prameters; detail level, send the ack immediate, etc.

Description: When setting "No" in the UI/envelope for control generation, you are telling Gentran Integration Suite to don't generate a contrl unless the inbound interchange says to do so (1 or 2 in the inbound UNB09). When using the "No" option the parameters that ask about detail level, send the ack immediately, etc, then are not available.

Error Message: No errors

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Standards

Escalation ID: 00113353

Fix ID: 211519, 233549

Severity: Critical

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX8524

Title: InSterling B2B Integrator 5.0, N/A shows as N/A in the RosettaNet contracts configuration screen.

Description: Under Gentrans Integration Suite Trading Partners >Contracts, the field for "Time to Acknowledge Acceptance Single" the N/A shows as N/A

Error Message: n/a

Resolution:

Apply Sterling Integrator, Release 5.0 Build 5006 or later.

Apply Sterling Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 00150725

Fix ID: 215804, 233590

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX7697

Title: Standard Rule Select Document Envelope is not working properly in 4.3 and 5.0

Description: The Select standard rule to pull the ControlNumber from Document Envelope is not working as it did in 4.11 and 4.2.

Error Message: No error message related to this issue

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 113066

Fix ID: 206658, 206657, 233468

Severity: Critical

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX7806

Title: When de enveloping, SWIFT FIN messages which contain block 5 should be removed

Description: The customer discovered an issue where the {5: block is not being stripped from their inbound fin message.

The resulting data is:

```
{175:####}  
{106:#####}  
{108:#####}  
{175:####}  
{107:#####}  
{5:{CHK:#####}  
{SYS:}{TNG:}}{S:{COP:P}
```

You can see that block {5: is retained in primary document. This should be removed by the de-enveloping process.

Error Message: No error message. An incorrect output is generated.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 00084551

Fix ID: 200740, 201147, 233324

Severity: Critical

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX7780

Title: Deenveloping fails due to presence of extra S-Block details while doing Ack. reconciliation of an inbound SWIFT FIN Ack.

Description: Gentran Integration Suite SWIFT_FIN_ACK map is unable to handle optional extra S-Block included in SWIFT FIN Acknowledgement. The deenveloping service fails with an error.

Error Message: BP SWIFTDeenvelope gets halted with Generic Deenvelope Service Error & Deenvelope Translation Error.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 00078618

Fix ID: 198617, 201144, 233323

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX7781

Title: CRL Processing Service error ORA-01795: maximum number of expressions in a list is 1000

Description:

Sterling B2B Integrator version 5.0 build 5003

Oracle Database 10g Enterprise Edition Release 10.2.0.1.0

CRL Processing Service error when the Certificate Revocation List has more than 1000 entries

Error Message:

Status Report from the CRL service:-
Exception listing trusted certificates java.sql.SQLException:
ORA-01795: maximum number of expressions in a list is 1000

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 00119079

Fix ID: 207010, 233475

Severity: Critical

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX7938

Title: The UNOA/B/C (UNB Syntax Id) for OB CONTRL is not populating based on the TP env config

Description: The "UNB Syntax Identifier" is not getting populated based on the Outbound EDIFACT Envelope (TP envelope configuration) but is getting populated based on the input file. Where as the "UNB Syntax Version" is getting populated correctly based on the Trading Partner's envelope configuration

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

After the fix, if the delimiters are defined in the envelope, use them and use the Syntax Identifier from the envelope itself, otherwise the delimiters and the Syntax Identifier from the input will be used.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 122565

Fix ID: 208193, 233497

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX7943

Title: 180 HIPAA Validation Error SVC07 is not used when the submitted units is the same as the value in SVC05

Description: Error occurs when SVC05 and SVC07 are not present in the data. Since the SVC05(0380) and SVC07(0380:2) are numeric fields, if both are not

present in the data the translator sees these as 0 and thus equal. The rule should only check these values if both are present first and then if they are equal.

```
if exist(#0380) & #0380:2 = #0380 then
Begin cerror(180,#0380:2,
"SVC07 is not used when the submitted units is the same as the value in SVC05");
//ccerror(1,#0234);
End
```

That way the rule will only trigger if the 5th element is present in the data first, then check to make sure that they are not equal.

Error Message:

```
Report Entry: Section: HEADER
Severity: INFO
SyntaxSpecific: false
Syntax: -1
Code: 20 Translation Object Name
Info: 20: Translation Object Name
HIPAA 835
Report Entry:Section: HEADER
Severity: INFO
SyntaxSpecific: false
Syntax:-1
Code: 12 Start Time
Info: 12: Start Time
Thu Dec 17 14:38:13 EST 2009
Report Entry:
  Section: INPUT      Severity: ERROR
  SyntaxSpecific: false  Syntax: -1      Code: 180 HIPAA
Validation Error Info:
  10007: Group Name
    2110 SVC
10010: Instance
  01:01:01
10008: Field Id 19
  10005: Field Data
    0 10018: Additional Information
      SVC07 is not used when the submitted units is the same
as the value in SVC05      10019:
Location Index      01:01:01
```

Resolution:

Apply Gentrant Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 125665

Fix ID: 209455, 207993, 233516

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX9089

Title: SWIFTDevelope service error with SWIFT202 COV messages.

Description: EDIDevelope fails at Generic develope Service for COV 202 message type.

Error Message:

A special validation is needed to process message type 202. Standard map 'SWIFT_FIN_INBOUND' updated to allow these validations.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 127038

Fix ID: 208841, 233510

Severity: Critical

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX8706

Title: Updating correlation in translation through the EDIFACTEnvelopeUnified service causes very slow processing.

Description: When using the EDIFACTEnvelopUnified service and updating correlation in Sterling B2B Integrator takes several minutes to translate. The same data and map completes in seconds when ran through the translation service.

Error Message: No errors. Very slow performance.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Standards

Escalation ID: 161185

Fix ID: 218079, 233621

Severity: Critical

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX8827

Title: The HTTP header on outbound CIDX PIPs is 'application/x-ChemXML-agent;', but should be 'application/x-rosettanel-agent'

Description: On outbound CIDX PIPs, Gentran Integration Suite creates an HTTP header with a Content-Type of 'application/x-ChemXML-agent', but the Content-Type should be 'application/x-rosettanel-agent'.

1'MIME-Version: 1.0

Content-Type: multipart/related;type="Host:10.128.5.34:32035

User-Agent:GIS/PsHttpClientAdapter

Content-Type: application/x-ChemXML-agent ; version=1.0 <!-- This value is not correct. It should be ' application/x-rosettanel-agent ' >

Content-Length:12595

Subject:CIDX Message

URI:/rosettanel

1'MIME-Version: 1.0

Content-Type: multipart/related;type=" Application/x-ChemXML";boundary="_=712723Sterling712723MOKO" <!-- This value is correct and not in dispute -->

Error Message: No error, but the PIP may be rejected by some trading partners as being non-compliant.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 166203

Fix ID: 218688, 218566, 233634

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX9435

Title: CIIDevelope got an ArrayIndexOutOfBoundsException error instead of an appropriate error when data has wrong total item.

Description: CIIDevelope got an ArrayIndexOutOfBoundsException error instead of an appropriate error when data has wrong total item after applying the Gentran Integration Suite, Release 4.3 Build 4322/Sterling Integrator 5.0

When CII data has wrong total item value in the trailer, CIIDevelope Service should detect it and return the error about it. Earlier, the error was an appropriate message like this:

Error(s):

```
Report
Entry:
Info:
601:
CII Compliance Report
CIIComplianceReport:
errors: 26:
Message Group Trailer:
Invalid Total Value Items 1 But,
CIIDevelope got 'java.lang.ArrayIndexOutOfBoundsException' instead
of the above message for the same input file.
Code: 600 CII
Message Group Non-Compliant
```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 152557

Fix ID: 215765, 216299, 233596

Severity: Critical

Type: CoreChange

Build: 4324, 5006, 5101

InQuira ID: NFX9436

Title: CIIDevelope generates an exception error with some multi-detail data

Description: When CII data is including particular multi-detail (with no problem in syntax) and when processed using the CII Develope Service, throws ArrayIndexOutOfBoundsException.

Gentran Integration Suite, Release 4.3 Build 4321 or earlier had no problem to translate the same CII File. But, with the Gentran Integration Suite, Release 4.3

Build 4322, CIIDevelope got an exception error
'java.lang.ArrayIndexOutOfBoundsException' with the same data.

The issue is also present in Sterling B2B Integrator 5.0.

Error Message:

Here is the complete error trace :

```
java.lang.ArrayIndexOutOfBoundsException:0
at com.sterlingcommerce.woodstock.translator.fieldprocessor.PositionalOutputFieldHandler.
padFillUseBytePositions(PositionalOutputFieldHandler.java:796)
at com.sterlingcommerce.woodstock.translator.fieldprocessor.PositionalOutputFieldHandler.
processFieldValues(PositionalOutputFieldHandler.java:173)
at com.sterlingcommerce.woodstock.translator.fieldprocessor.SimpleFieldProcessor.
processFieldValues(SimpleFieldProcessor.java:500)
at com.sterlingcommerce.woodstock.translator.blockprocessor.OutputStreamBlockHandler.
handleBlock(OutputStreamBlockHandler.java:171)
at com.sterlingcommerce.woodstock.translator.blockprocessor.PositionalOutputBlockHandler.
handleBlock(PositionalOutputBlockHandler.java:380)
at com.sterlingcommerce.woodstock.translator.blockprocessor.OutputStreamBlockProcessor.
matchBlock(OutputStreamBlockProcessor.java:123)
at com.sterlingcommerce.woodstock.translator.blockprocessor.BlockSequence.
processBlock(BlockSequence.java:1084)
at com.sterlingcommerce.woodstock.translator.blockprocessor.BlockSequence.
searchBlock(BlockSequence.java:737)
at com.sterlingcommerce.woodstock.translator.blockprocessor.BlockSequence.
searchGroup(BlockSequence.java:605)
at com.sterlingcommerce.woodstock.translator.blockprocessor.BlockSequence.
searchForward(BlockSequence.java:422)
at com.sterlingcommerce.woodstock.translator.blockprocessor.BlockSequence.
processFileFormat(BlockSequence.java:397)
at com.sterlingcommerce.woodstock.translator.engine.TranslationEngineImpl.
translateOutput(TranslationEngineImpl.java:1684)
at com.sterlingcommerce.woodstock.translator.engine.TranslationEngineImpl.
doTranslation(TranslationEngineImpl.java:1790)
at com.sterlingcommerce.woodstock.translator.engine.TranslationEngineImpl.
translate(TranslationEngineImpl.java:1282)
at com.sterlingcommerce.woodstock.translator.engine.TranslationEngine.
translate(TranslationEngine.java:201)
at com.sterlingcommerce.woodstock.services.edi.cii.develope.DevelopeMessageGroupImpl.
performComplianceCheckBatch(DevelopeMessageGroupImpl.java:707)
at com.sterlingcommerce.woodstock.services.edi.cii.develope.DevelopeMessageGroupImpl.
processData(DevelopeMessageGroupImpl.java:224)
at com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.
invokeService(ActivityEngineHelper.java:1774)
at com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.
nextMainLogic(ActivityEngineHelper.java:644)
at com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.
next(ActivityEngineHelper.java:371)
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.
doWork(WorkFlowQueueListener.java:326)
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.
run(WorkFlowQueueListener.java:202)
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.
onMessage(WorkFlowQueueListener.java:163)
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.
onMessage(WorkFlowQueueListener.java:149)
at com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:354)
at com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:496)
at java.lang.Thread.run(Thread.java:595)
```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 153127

Fix ID: 215815, 216301, 233597

Severity: Critical

Type: CoreChange

Build: 4324, 5006, 5101

InQuira ID: NFX9438

Title: CIIDevelope got an exception with normal data

Description: If a CII interchange including 3 messages in it is processed and second message has nothing between the header and the trailer to indicate 0 record (This kind of message is normal according to the CII syntax), CII Develope service throws `ArrayIndexOutOfBoundsException`.

Gentran Integration Suite, Release 4.3 Build 4322 or earlier can translate same file without any problem.

But with Gentran Integration Suite, Release 4.3 Build 4322 and Sterling B2B Integrator 5.0, CIIDevelope got an exception error on 1st and 3rd messages.

The interchanges were divided to each message for testing. But, 1st and 3rd still will get the same error.

Detailed Description :

- When the flag - "Field Positions are specified in Bytes" is turned OFF on the output side of the map (used in the CII Envelope), the exception is not thrown with same data.
- From the below mentioned error trace (`PositionalOutputFieldHandler.padfillUseBytePositions`) we can observe that this error is thrown when the flag - "Field Positions are specified in Bytes" is turned ON.

Note: However if field positions have to be specified in bytes for DBCS, then this flag has to be selected.

Error Message:

Here is the error trace :

```
Error(s):
Report Entry:
Code: 5 Exception Encountered
Info:6:
Exception Detail java.lang.ArrayIndexOutOfBoundsException: 0
at com.sterlingcommerce.woodstock.translator.fieldprocessor.
PositionalOutputFieldHandler.padfillUseBytePositions(PositionalOutputFieldHandler.java:796)
at com.sterlingcommerce.woodstock.translator.fieldprocessor.PositionalOutputFieldHandler.
processFieldValues(PositionalOutputFieldHandler.java:173)
at com.sterlingcommerce.woodstock.translator.fieldprocessor.SimpleFieldProcessor.
processFieldValues(SimpleFieldProcessor.java:500)
at com.sterlingcommerce.woodstock.translator.blockprocessor.OutputStreamBlockHandler.
handleBlock(OutputStreamBlockHandler.java:171)
at com.sterlingcommerce.woodstock.translator.blockprocessor.PositionalOutputBlockHandler.
handleBlock(PositionalOutputBlockHandler.java:380)
at com.sterlingcommerce.woodstock.translator.blockprocessor.OutputStreamBlockProcessor.
matchBlock(OutputStreamBlockProcessor.java:123)
```

```
at com.sterlingcommerce.woodstock.translator.blockprocessor.BlockSequence.  
processBlock(BlockSequence.java:1084)  
at com.sterlingcommerce.woodstock.translator.blockprocessor.BlockSequence.  
searchBlock(BlockSequence.java:737)  
at com.sterlingcommerce.woodstock.translator.blockprocessor.BlockSequence.  
searchGroup(BlockSequence.java:605)  
at com.sterlingcommerce.woodstock.translator.blockprocessor.BlockSequence.  
searchForward(BlockSequence.java:422)  
at com.sterlingcommerce.woodstock.translator.blockprocessor.BlockSequence.  
processFileFormat(BlockSequence.java:397)  
at com.sterlingcommerce.woodstock.translator.engine.TranslationEngineImpl.  
translateOutput(TranslationEngineImpl.java:1684)  
at com.sterlingcommerce.woodstock.translator.engine.TranslationEngineImpl.  
doTranslation(TranslationEngineImpl.java:1790)  
at com.sterlingcommerce.woodstock.translator.engine.TranslationEngineImpl.  
translate(TranslationEngineImpl.java:1282)  
at com.sterlingcommerce.woodstock.translator.engine.TranslationEngine.  
translate(TranslationEngine.java:201)  
at com.sterlingcommerce.woodstock.services.edi.cii.develope.  
DevelopeMessageGroupImpl.performComplianceCheckBatch(DevelopeMessageGroupImpl.java:707)  
at com.sterlingcommerce.woodstock.services.edi.cii.develope.  
DevelopeMessageGroupImpl.processData(DevelopeMessageGroupImpl.java:224)  
at com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.  
invokeService(ActivityEngineHelper.java:1774)  
at com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.  
nextMainLogic(ActivityEngineHelper.java:644)  
at com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.  
next(ActivityEngineHelper.java:371)  
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(  
WorkFlowQueueListener.java:326)  
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(  
WorkFlowQueueListener.java:202)  
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(  
WorkFlowQueueListener.java:163)  
at com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(  
WorkFlowQueueListener.java:149)  
at com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(  
wfTransporter.java:354)  
at com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(  
BasicExecutor.java:496)  
at java.lang.Thread.run(Thread.java:595)
```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 153128

Fix ID: 215817, 216593, 233598

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX9440

Title: CIIDevelope got an exception error instead of an appropriate error when data includes special character

Description:

1. When CII data is including some special character (kind of symbol or mark) and it is out of the range of JIS-X0208/JIS-X0212 CII uses (same as broken character), CII Develope Service throws 'java.lang.ArrayIndexOutOfBoundsException' instead of the "Incorrect Data Format" error in the translation report.
2. If the flag - "Field Positions are specified in bytes" is turned OFF in the map used in CII Envelope, CII Develope Service gives - "CII Message Group Non-Compliant" error message.

From the translation report, we can observe the - "Incorrect Data Format" error as the input data includes special character.

Note: We can observe that once this flag is turned ON, the CII Develope service is not working and throwing the ArrayIndexOutOfBoundsException.

Error Message:

```
CIIDevelope Service is throwing an error:  
java.lang.ArrayIndexOutOfBoundsException  
at com.sterlingcommerce.woodstock.translator.fieldprocessor.PositionalOutputFieldHandler.  
padfillUseBytePositions(PositionalOutputFieldHandler.java:767)  
at com.sterlingcommerce.woodstock.translator.fieldprocessor.PositionalOutputFieldHandler.  
processFieldValues(PositionalOutputFieldHandler.java:135)
```

Resolution:

Apply Gentrant Integration Suite, Release 4.3 Build 4324 or later

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation I: 153135

Fix ID: 215835, 219322, 233644

Severity: Critical

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX9405

Title: Swift deenveloping problem on Block3 data

Description: Information from Block3:119 (SWIFTCopyService) is not passed to the process data by the deenveloping.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 92921

Fix ID: 202868, 202867, 233362

Severity: Critical

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9637

Title: Gentran Integration Suite puts null character for the release character in UNA segment, if [No Delimiter] was set in envelope

Description: As a EDIFACT syntax rule, if release character was not used, translator should insert space character.

Detail in the ANNEX B - UNA chapter at http://www.unece.org/trade/untdid/texts/d422_d.htm

However, if [No Delimiter] is set for the Release Character in the UNB outbound envelope, Sterling Integrator puts a null (0x00) in the UNA segment. It should be a space (0x20) as per EDIFACT standards.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 104715

Fix ID: 204704, 204508, 233412

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9486

Title: multiple ST envelopes past first do not successfully translate

Description: Interchange with group that includes 4 transaction sets: 1st good, 2nd bad, 3rd & 4th good, completes successfully with no compliance error generated.

- The remaining good sets following the bad are ignored .

- If GS/GE env is set to "Generate an Acknowledgement" X12Develope then generates "java.lang.NullPointerException", and therefore does not invoke X12EnvelopeUnified to generate the requested ACK :

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 00103641

Fix ID: 204780, 233416

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9478

Title: CLM segment Element 6 Elment #1073:46 does not accept N as a valid value

Description: In the HIPAA_004010X098A1_837 Map,

In CLM segment Element 6 Elment #1073:46 the system map is using Standard Rule to validate against the code list from standards and not finding N as a valid value.

It appears that the hipaa standards does contain the N code but they are not in the map.

Example of CLM segment from customer data

```
CLM*99999990*145***11>>1*N*C*Y*N~
```

Error Message:

Report Entry:

```
Section: INPUT      Severity: ERROR
SyntaxSpecific: false  Syntax: -1   Code: 142 Standard Rule Use Code Data Missing
  Info:          10002: Block Count
    23          10017: Map Iteration Count
    1           10003: Block Name
  CLM:4         10016: Block Signature Id
Tag            CLM
10004: Field Name      1073:46
10009: Field Number    8
  10005: Field Data    N
  105: Element Position 6
  106: Subelement Position -1
  105: Element Position 6
  106: Subelement Position -1
  10019: Location Index 01:01:01
```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Standards

Escalation ID: 116721

Fix ID: 209954, 208171, 233525

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9479

Title: Outbd 997 is generatd with a non-compliant AK4

Description:

Gentran Integration Suite is generating the outbd 997 with a non-compliant AK4.

AK4*2*1271*1*~ (an element separator (*) before the segment terminator(~))

AK404 is an optional element.

The problem occurs when a segment in the inbd doc HI*BK25000~ is missing the sub-element separator (:)

Input: HI*BK25000~ BAD

HI*BK:25000~ GOOD - Note the sub_element separator(:)

Error Message:

100 Mandatory Data Missing

Code: 112 Data Too Long

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 00108491

Fix ID: 206566, 233464

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9475

Title: Generic De-envelope service - If variable is used in 'Message from service' then its not populated in processdata.

Description: Implement the 'message from' feature in the Generic Deenvelope Service so that all data returned from this service can be placed under one tag in process data.

This will allow a BP developer to release all tags more efficiently that releasing each tag individually.

Error Message: No error.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 134688

Fix ID: 214181, 233575

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9476

Title: SWIFT_FIN_INBOUND map issue - Error deenveloping message type MT574

Description: The string validation on field 119 is done by a syntax token, the current syntax token assigned for format validation is A -(AZ, az) in the standard SWIFT_FIN_INBOUND map, this must be changed to syntax token J which is basically alphanumeric format.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 152571

Fix ID: 217914, 233617

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9464

Title: Invoke Business Process for Each Interchange (EDIFEACTEnvelopeUnified) does not pass the envelope parms to BP

Description: When set, Invoke Business Process for Each Interchange in the outbound UNB Envelope Definition, EDIFEACTEnvelopeUnified does not pass the envelope parms (as follows)to the BP invoked.

http://www.sterlingcommerce.com/Documentation/eInvoice10/Content/UsingEnvelopes/EDIFACT_Out_UNBUNZ.html?ticket=d4820f0e-22c6-40cc-9007-e18a4b70ed93

Whether a business process is invoked for each interchange generated. Valid values are Yes and No (default). Required.

Note: If Invoke Business Process for Each Interchange is set to No, the service places the name of the business process specified in the envelope into process data using the key WFD_NAME. This business process is then invoked by the Invoke Business Process Service. If Invoke Business Process For Each Interchange is set to Yes, the service directly bootstraps an instance of the business process specified in the envelope, and does not set WFD_NAME in process data.

When I set 'Invoke Business Process for Each Interchange = yes'

```
<?xml version="1.0" encoding="UTF-8"?>
<ProcessData>
<PrimaryDocument SCIObjectID="JMahedy01:node1:1246d2ade0d:37869"/>
</ProcessData>
```

When I set 'Invoke Business Process for Each Interchange = no'

```
<?xml version="1.0" encoding="UTF-8"?>
<ProcessData>
<ENVELOPE_TYPE>UNH UNT Syntax 4</ENVELOPE_TYPE>
<MODE>IMMEDIATE</MODE> <EnvelopeName>DESADV_D98A_UNH_0B</EnvelopeName>
<TRACKINGID>JMahedy01:node1:1246d2ade0d:40874</TRACKINGID>
<MessageType>DESADV</MessageType>
<MessageVersionNumber>D</MessageVersionNumber>
<MessageReleaseNumber>98A</MessageReleaseNumber>
<MessageControllingAgency>UN</MessageControllingAgency>
<SecureTransactionOutbound>NO</SecureTransactionOutbound>
<InterchangeSenderID>NAVIGATION</InterchangeSenderID>
<InterchangeReceiverID>xxxxxxxxxxxxxxxxxxxx</InterchangeReceiverID>
<InterchangeControlNumber>90</InterchangeControlNumber>
<MapName>DESADV_D98A_FROM_PS_v1*1</MapName>
<WFD_NAME>Validation_SampTe_BPML</WFD_NAME>
<CONTRACT_FOUND>YES</CONTRACT_FOUND>
<INT-1 SCIObjectID="JMahedy01:node1:1246d2ade0d:41104"/>
<PrimaryDocument SCIObjectID="JMahedy01:node1:1246d2ade0d:41104"/>
</ProcessData>
```

The Envelope Parms should have been passed to the invoked BP when 'Invoke Business Process for Each Interchange = no' as well

Error Message: No errors, incorrect results in ProcessData

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Standards

Escalation ID: 00101741

Fix ID: 207317, 205082, 207317

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

Services and Adapters

InQuira ID: NFX2181

Title: Country Specific Locks Created if Invalid e-Invoicing Global Configuration Settings Used While Executing Business Process

Description: e-Invoice Compliance Solution

If you execute the eInvoiceProcess business process by specifying invalid e-Invoicing global configuration settings, the TrustWeaverEInvoicing business process fails and it will wait and retry the TrustWeaver connection. While the retry is in process, if you modify the global configurations with the valid details and execute the eInvoiceProcess business process, the TrustWeaverEInvoicing business process still continues to retry with the older configuration, which causes the creation of a country specific lock.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Service and Adapter

Escalation ID: 144746

Fix ID: 213954, 220036, 233650

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX4925

Title: FTPClientObscureParameter service errors when the Parameter Name value starts with a numeral

Description: The Obscure ProcessData Values service does not support parameter names that start with a numeral.

The Obscure ProcessData service will throw an error because it tries to create an element in ProcessData that starts with a numeral and this is not allowed by XML syntax rules.

Error Message:

```
ERROR 000110060004
WORKFLOW.ACTIVITY_ENGINE.ERR_ActivityEngineHelper_invokeService2
ActivityEngineHelper.invokeService() caught exception while attempting
to execute service FTPClientObscureParameter
org.w3c.dom.DOMException:
INVALID_CHARACTER_ERR: An invalid or illegal XML character is specified.
  at org.apache.xerces.dom.CoreDocumentImpl.createElement(Unknown
Source)
  at com.servename.xpathutil.XPathHelper.createNode(XPathHelper.java:1435)
  at com.servename.xpathutil.XPathHelper.createTargetContext(
XPathHelper.java:1109)
  at com.servename.xpathutil.XPathHelper.createTargetContext(
XPathHelper.java:1021)
  at com.servename.workflow.WFCUtil.setDataInTree(WFCUtil.java:1025)
  at com.servename.workflow.WorkFlowContext.setWFContent(
WorkFlowContext.java:2612)
  at com.servename.workflow.WorkFlowContext.setWFContent(
WorkFlowContext.java:2578)
  at com.servename.services.obscure.ObscureService.setObscuredParm(
ObscureService.java:83)
  at com.servename.services.obscure.ObscureService.
processObscureParameter(ObscureService.java:95)
  at com.servename.services.obscure.ObscureService.
processData(ObscureService.java:163)
  at com.servename.workflow.activity.engine.ActivityEngineHelper.
invokeService(ActivityEngineHelper.java:1751)
  at com.servename.workflow.activity.engine.ActivityEngineHelper.
nextMainLogic(ActivityEngineHelper.java:622)
  at com.servename.workflow.activity.engine.ActivityEngineHelper.
next(ActivityEngineHelper.java:367)
  at com.servename.workflow.queue.WorkFlowQueueListener.
doWork(WorkFlowQueueListener.java:326)
  at com.servename.workflow.queue.WorkFlowQueueListener.
run(WorkFlowQueueListener.java:202)
  at com.servename.workflow.queue.WorkFlowQueueListener.
onMessage(WorkFlowQueueListener.java:163)
  at com.servename.workflow.queue.WorkFlowQueueListener.
onMessage(WorkFlowQueueListener.java:149)
  at com.servename.workflow.queue.wfTransporter.
run(wfTransporter.java:331)
  at com.servename.workflow.queue.BasicExecutor$Worker.
run(BasicExecutor.java:496)
```

Resolution:

Apply Gentran Integration Suite, Release 4.2 Build 4223.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

NB: If a user account starts with a number and any of the obscure services are being used, e.g. for HTTP or FTP,

it is necessary to use the following syntax in the client service in order to get the password.

```
<assign to="RemotePasswd" from="plaintext_123user/text()"></assign> (user called 123user exists in the system)
```

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Service and Adapter

Escalation ID: 24668, 201154

Fix ID: 226590, 199320, 203874, 233391

Severity: Normal

Type: NormalFix

Build: 4223, 4323, 5006, 5101

InQuira ID: NFX7115

Title: Mail Mime Service does not form the correct MIME document

Description: Mail Mime Service does not form the correct MIME document when the documents in process data are not identified by unique node name.

Below is the part of process data:

```
<Attachment>
  <Report SCIOBJECTID="wsdeap10:82c01f:122f4ba876e:6916
<javascript:openInfoWin(
'. /Page?next=page.showdatadoc&name=Report&bpid=2628360&service=
InvokeBusinessProcessService&docType=process_data&key=
wsdeap10:82c01f:122f4ba876e:
6916&122713573&where=live&bpdName=',%20')>"/>
  <Report SCIOBJECTID="wsdeap10:82c01f:122f4ba876e:6a55
<javascript:openInfoWin(
'. /Page?next=page.showdatadoc&name=Report&bpid=2628360&service=
InvokeBusinessProcessService&docType=process_data&key=
wsdeap10:82c01f:122f4ba876e:
6a55&1505338863&where=live&bpdName=',%20')>"/>
</Attachment>
```

The Mail Mime Service forms the MIME document which has the first document repeating twice.

But if the process data is formed as below:

```
<Attachment>
  <Report1 SCIOBJECTID="wsdeap10:82c01f:122f4ba876e:6916
<javascript:openInfoWin('. /Page?next=page.showdatadoc&name=
Report&bpid=2628360&service=
InvokeBusinessProcessService&docType=process_data&key=
wsdeap10:82c01f:122f4ba876e:
6916&122713573&where=live&bpdName=',%20')>"/>
  <Report2 SCIOBJECTID="wsdeap10:82c01f:122f4ba876e:6a55
<javascript:openInfoWin('. /Page?next=page.showdatadoc&name=
Report&bpid=2628360&service=
InvokeBusinessProcessService&docType=process_data&key=wsdeap10:
82c01f:122f4ba876e:
6a55&1505338863&where=live&bpdName=',%20')>"/>
</Attachment>
```

Then, the Mail Mime Service forms the correct MIME document (the 2 unique documents will be attachments).

Error Message: none

Resolution:

Apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Service and Adapter

Escalation ID: 00069213

Fix ID: 202219, 196028, 202220, 233345

Severity: Normal

Type: NormalFix

Build: 4222, 4322, 5006, 5101

InQuira ID: NFX7032

Title: Cache Refresh Service will not refresh custom properties file located outside of the properties directory.

Description: If a custom properties file is located in a directory outside of the properties folder and added to servers.properties file an assign service can retrieve the values in the custom properties file, but the cache refresh service will fail with error. This does not happen if the custom properties file is located inside the properties folder.

Error Message:

Advanced status report of the Cache Refresh Service:

"Can not refresh System properties files, only user defined properties files can be refreshed."

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Service and Adapter

Escalation ID: 86949

Fix ID: 200545, 208555, 233505

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX6712

Title: Change in Schedule_DBMonitorService causes system slowdown

Description: In Gentran Integration Suite 4.3, a new parameter, EXECUTE_QUERY, was added to the DBMonitorService. In the Schedule_DBMonitorService system BP, this value is set to true by default, and causes database maintenance to run on the database. For large databases, this will cause the BP to run throughout the day, and can cause system delays. This should be set to false by default.

Error Message: No error message, but the DBMonitorService ran for 12 hours and held a thread the entire time.

Resolution:

Apply Gentran Integration Suite 4.3 Build 4322 or above.

Apply Sterling B2B Integrator 5.0 Build 5006 or above.

See the Gentran Integration Suite, Release 4.3 Documentation Updates for updated information on the DB Monitor Service for the ANALYZE parameter as well as information on the new EXECUTE_QUERY parameter.

Apply Sterling B2B Integrator 5.1 Build 5101 or above.

Functional Area: Service and Adapter

Escalation ID: 75848

Fix ID: 196318, 201063, 233321

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX7691

Title: Under heavy load,OFTP adapter's issue with the inbound connection when Gentran Integration Suite uses a MS-SQL DB

Description: OFTP adapter

MSSQL2000

Under heavy load the oftp adapter has the following issue:

1. TP calls Gentran Integration Suite system

2. Data is transmitted OK in the protocol, the doc created in Gentran Integration Suite and an entry in OFTP_OBJECT is inserted
3. Nevertheless, because of the error below the TP gets a EFNA [9 9] (unknown reason) back flagging the data as in error.

This results in the TP trying to send again a few minutes later. GOTO step 1 above and loops.

Error Message:

```
[2009-11-18 16:41:38.166]
ERROR 000000000000 GLOBAL_SCOPE _SYSTEM_OFTPSendFile.inbound.
CAPI.12507f4aedf1070
(04:41:38:166) com.servername.services.oftp.fsm.usermon.persistence.
OFTPObjectTableProxy@527c07.
updateStatusByEventID#
Entry update for EventID=0 failed. 0 items updated.
[2009-11-18 16:41:38.166]
ERROR 000000000000 GLOBAL_SCOPE _SYSTEM_OFTPSendFile.inbound.CAPI.
12507f4aedf1070
(04:41:38:166) The method "" of class "unknown" has thrown the
exception "com.servername.services.oftp.fsm.usermon.DataAccessException".
The reason is : Entry update for EventID=0 failed ..
com.servername.services.oftp.
fsm.usermon.DataAccessException, Entry update for EventID=0 failed.
at com.servername.services.oftp.fsm.usermon.persistence.
OFTPObjectTableProxy.
updateStatusByEventID(OFTPObjectTableProxy.java:633)
...
```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Service and Adapter

Escalation ID: 00116338

Fix ID: 206130, 233595

Severity: Critical

Type: NormalFix

Build: 4324, 5101

InQuira ID: NFX8117

Title: Sterling B2B Integrator uses windows user as the Mail Sender instead of the one mentioned in Mail Mime Service

Description: mail-mime-sender property of Mail Mime Service takes the windows user as the mail sender Id. It does not take the one mentioned in the BP.

For example if windows user is : mywinAccount and host name is myhostname mail-mime-sender is taken as mywinAccount@myhostname even though mail sender is mentioned in the BP.

This behavior is observed in Sterling B2B Integrator 5.0 build 5003.

Error Message: no errors

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Service and Adapter

Escalation ID: 132566

Fix ID: 209720, 233519

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX8846

Title: SOAOutboundMsgProcessingService is getting timeout failures on outbound SSL connections

Description: When using SOAP SOA Outbound Message Processing Service, timeout failure occurs after 60 seconds only on SSL connections sending outbound large files (a 320kb file). Business process Doc storage is set to DB. Non SSL works okay but they require a secure connection. Also there is a error posted to the Pipeline log. Customer can recreate issue at will initially on Build 4319 and also on Build 4320.

Error Message:

In the Pipeline log:

```
[2009-12-14
11:41:17.705]
ERROR 000000000000 GLOBAL_SCOPE DataFlowStage.doTransform()
[DocumentReaderDT-16] caught exception, shutting down.
java.io.IOException:
000110011533 WORKFLOW.WORKFLOW.ERR DocumentInputStream_IOException5
com.ibm.db2.jcc.c.SqlException: DB2 SQL error: SQLCODE: -911, SQLSTATE:
40001, SQLERRMC: 68 at
com.servename.workflow.DocumentInputStream.readFromDB(
DocumentInputStream.java:198)
at com.servename.workflow.DocumentInputStream.read(
DocumentInputStream.java:162)
at com.servename.packager.dataflow.dt.DocumentReaderDT.transform(
DocumentReaderDT.java:74)
at com.servename.packager.dataflow.DataFlowStage.doTransform(
DataFlowStage.java:266)
at com.servename.packager.dataflow.DataFlowStage.access$1100(
DataFlowStage.java:63)
at com.servename.packager.dataflow.DataFlowStage$6.run(
DataFlowStage.java:293)
at com.servename.perimeter.api.scheduler.TaskNode.run(
TaskNode.java:70)
at com.servename.perimeter.api.scheduler.DebugPooledExecutor$Worker.
run(DebugPooledExecutor.java:795)
at java.lang.Thread.run(Thread.java:801)
In general a -911
means that a deadlock or timeout has occurred while the statement
```

was attempting to obtain a lock on the object that is necessary for an insert to occur. That means that some other process has a lock on the object you need, and DB2 waiting for the lock to be released (wait time determined by a DB2 param that can be set) and finally gave up waiting and terminated your transaction.

Resolution:

Code change causes the SOAP SOAOutboundMsgProcessingService to recognize parameter "PipeLine Timeout" so the service will timeout using this value. With fix applied, the <assign to="PipeLineTimeout">120</assign> parameter can be added to the SOA Outbound Message Processing Service in the BPML to increase the timeout value from 60 to 120 seconds.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Service and Adapter

Escalation ID: 97891

Fix ID: 206194, 204809, 233453

Severity: Critical

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9272

Title: Mail Mime Service is not able to process MP3 files

Description: Mail Mime Service is not able to process MP3 files. The service fails with an error message.

Error Message: Failed to write the message into the Document OutputStream.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5101 or later.

Functional Area: Service and Adapter

Escalation ID: QC

Fix ID: 203636, 233381

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9434

Title: Modified script of obscure_passphrase.sh throws lot of Java exceptions

Description: The following modified script of obscure_passphrase.sh (work around for issue explained in NFX8076) throws lot of Java exceptions.

```
#!/bin/sh
#:ifdef
WOODSTOCK_DIR.
&APP_DIR;/tmp.sh
#:else.
&BIN_DIR;/tmp.sh
#:endif{JAVA.EN_US}
-Dvendor=shell -DvendorFile=&PROP_DIR;/servers.properties -classpath
&JAR_DIR;/bootstrapper.jar com.servername.noapp.NoAppLoader -f
&PROP_DIR;/dynamicclasspath.cfg -class com.servername.security.
opsutilities.WPasswords
-invokeargs "$@"
```

Error Message:

And here is the stack trace obtained after this script is executed.

The encrypted value is:

Error closing stream...

```
java.lang.NullPointerException
at com.servername.security.opsutilities.WPasswords.
decryptPassphrase(WPasswords.java:133)
at com.servername.security.opsutilities.WPasswords.
decrypt(WPasswords.java:152)
at com.servername.security.opsutilities.WPasswords.
decrypt(WPasswords.java:146)
at com.servername.security.opsutilities.EncryptionHandler.
doDecrypt(EncryptionHandler.java:40)
at com.servername.install.interfaces.AbstractEncryptionHandler.
decrypt(AbstractEncryptionHandler.java:98)
at com.servername.util.frame.Manager.decryptProperties(Manager.java:470)
at com.servername.util.frame.Manager.decryptProperty(Manager.java:452)
at com.servername.util.frame.Manager.handleEncryptedContent(Manager.java:427)
at com.servername.util.frame.Manager.doStaticInit(Manager.java:411)
at com.servername.util.frame.Manager.<clinit>(Manager.java:168)
at java.lang.J9VMInternals.initializeImpl(Native Method)
at java.lang.J9VMInternals.initialize(J9VMInternals.java:194)
at com.servername.util.frame.Component.init(Component.java:61)
at com.servername.util.frame.log.LogService.<clinit>(LogService.java:103)
at java.lang.J9VMInternals.initializeImpl(Native Method)
at java.lang.J9VMInternals.initialize(J9VMInternals.java:194)
at com.servername.security.log.CryptoLogger.<clinit>(CryptoLogger.java:42)
at java.lang.J9VMInternals.initializeImpl(Native Method)
at java.lang.J9VMInternals.initialize(J9VMInternals.java:194)
at com.servername.security.control.SCIMessageDigest.<clinit>(
SCIMessageDigest.java:46)
at java.lang.J9VMInternals.initializeImpl(Native Method)
at java.lang.J9VMInternals.initialize(J9VMInternals.java:194)
at com.servername.security.provider.SCIPBEWrapper.<init>(
SCIPBEWrapper.java:91)
at com.servername.security.opsutilities.WPasswords.encryptPassphrase(
WPasswords.java:162)
at com.servername.security.opsutilities.WPasswords.encrypt
(WPasswords.java:221)
at com.servername.security.opsutilities.WPasswords.encrypt(
WPasswords.java:216)
at com.servername.security.opsutilities.WPasswords.main(
WPasswords.java:300)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(
NativeMethodAccessorImpl.java:79)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(
DelegatingMethodAccessorImpl.java:43)
```

```
at java.lang.reflect.Method.invoke(Method.java:618)
at com.servename.noapp.NoAppLoader.main(NoAppLoader.java:81)
An error occurred attempting to decrypt property values
in the property manager.
java.lang.NullPointerException
at com.servename.security.opsutilities.WPasswords.
decryptPassphrase(WPasswords.java:127)
at com.servename.security.opsutilities.WPasswords.
decrypt(WPasswords.java:152)
at com.servename.security.opsutilities.WPasswords.
decrypt(WPasswords.java:146)
at com.servename.security.opsutilities.EncryptionHandler.
doDecrypt(EncryptionHandler.java:40)
at com.servename.install.interfaces.AbstractEncryptionHandler.
decrypt(AbstractEncryptionHandler.java:98)
at com.servename.util.frame.Manager.decryptProperties(Manager.java:470)
at com.servename.util.frame.Manager.decryptProperty(Manager.java:452)
at com.servename.util.frame.Manager.handleEncryptedContent(
Manager.java:427)
at com.servename.util.frame.Manager.doStaticInit(Manager.java:411)
at com.servename.util.frame.Manager.<clinit>(Manager.java:168)
at java.lang.J9VMInternals.initializeImpl(Native Method)
at java.lang.J9VMInternals.initialize(J9VMInternals.java:194)
```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Service and Adapter

Escalation ID: 150047

Fix ID: 214715, 233577

Severity: Normal

Type: NormalFix

Build: 5006, 5101

SWIFT

InQuira ID: NFX9313

Title: SWIFT standards installation is failing

Description: SWIFT standards installation is failing if the extended rule library is selected.

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: SWIFT

Escalation ID: QC

Fix ID: 202618, 233359

Severity: Normal

Type: NormalFix

Build: 5006, 5101

SWIFT - Interact Adapter

InQuira ID: NFX8635

Title: MEFG Sequencing of fail back to Ra1 from Ra2 can fail.

Description: The customer reported a problem when they stopped SAG1, MEFG correctly identified this and started the retryservers script. When SAG1 became available again, the connection was returned to SAG1 yet it was not fully started. The retryservers script was terminated so MEFG was connected to neither of the two SWIFT Alliance Gateway instances.

Error Message: No errors.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4323 or later.

Please Note: The swiftnet_[version].jar must be redeployed on the MEFG Server after installation of this patch. Please review the Sterling Integrator online documentation for further information about this procedure.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: SWIFT - Interact Adapter

Escalation ID: 00156554

Fix ID: 217026, 223944, 233604

Severity: Normal

Type: NormalFix

Build: 5006, 4323, 5101

InQuira ID: NFX10468

Title: handleSWIFTNetServerFARequest BP fails with - "messageID is missing"

Description: MEFG - MEFG, FileAct Request messageID has become a mandatory field. The business process handleSWIFTNetServerFARequest BP fails with - "messageID is missing"

Error Message:

The Swiftnet Log Shows:

```
[2010-11-22 18:54:07.351] DEBUG 000000000000
GLOBAL_SCOPE [SwiftService].processData(wfc) - Starting ...

[2010-11-22
18:54:07.351] DEBUG 000000000000 GLOBAL_SCOPE [SwiftService].registerService()
- Successfully registered with Ops.

[2010-11-22
18:54:07.351] DEBUG 000000000000 GLOBAL_SCOPE [SwiftService].getUserToken()
- Found userToken from wfc: [admin]

[2010-11-22
18:54:07.355] DEBUG 000000000000 GLOBAL_SCOPE [SwiftService].processData(wfc)
- activeMessageType : handleServerResponse

[2010-11-22
18:54:07.355] DEBUG 000000000000 GLOBAL_SCOPE [SwiftServerService].handleServerResponse()
- i'm in handleServerResponse.

[2010-11-22
18:54:07.356] DEBUG 000000000000 GLOBAL_SCOPE [SwiftUtils]get Parm:
messageID; Value:

[2010-11-22 18:54:07.356]
DEBUG 000000000000 GLOBAL_SCOPE [SwiftServerService].getParamsfromBPML()
- 'messageID' is missing.

[2010-11-22 18:54:07.356]
DEBUG 000000000000 GLOBAL_SCOPE [SwiftServerService].handleServerResponse()
- Getting Swift Session ID frm Process Data

[2010-11-22
18:54:07.356] DEBUG 000000000000 GLOBAL_SCOPE [SwiftServerService].handleServerResponse()
- Swift Session ID: myapp::mymymymymy:mymymymymy

[2010-11-22
18:54:07.356] DEBUG 000000000000 GLOBAL_SCOPE [SwiftServerService].handleServerResponse()
- Swift Session ID Missing: null

[2010-11-22
18:54:07.356] DEBUG 000000000000 GLOBAL_SCOPE [SwiftServerService].handleServerResponse()
- Workflow ID:
```

Resolution:

One of the following builds must be applied to resolve this issue. After the patch is applied, the MessageID is no longer a mandatory requirement in Sterling B2B Integrator/Gentran Integration Suite.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later

Apply Sterling B2B Integrator, Release 5.0 Build 5007 or later

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

After application of the patch the MEFG Server Component must be redeployed. Please consult the online product documentation for further details.

Functional Area: SWIFT - Interact Adapter

Escalation ID: 00247753

Fix ID: 236956, 236954, 236957

Severity: Critical

Type: Normal Fix

Build: 4324, 5007, 5101

InQuira ID: NFX9566

Title: Incorrect Shutdown of MEFG Processes after SAG maintenance

Description: MEFG is shut down even though transfers are taking place.

Error Message:

```
PID=319532 TID=1 05-22-10 16:39:48.977583
SnF_acquire failed, exiting.
PID=319532 TID=1
05-22-10 16:39:48.977610 **** Acquire notify queue <name> failed
****
PID=319532 TID=1 05-22-10 16:39:48.977663
**** Response: <?xml version="1.0" encoding="UTF-8"?><!DOCTYPE
Sw:ExchangeSnFResponse SYSTEM "SwPrimitive.dtd"><Sw:ExchangeSnFResponse><SwGbl:Status>
<SwGbl:StatusAttributes>
<SwGbl:Severity>Transient</SwGbl:Severity>
<SwGbl:Code>Sw.Gbl.RemoteDomainError</SwGbl:Code>
<SwGbl:Parameter>TPESVCERR
- server error while handling request, Service=&quot;XX_afe2&quot;</SwGbl:Parameter>
<SwGbl:Text>Remote
domain is not reachable</SwGbl:Text>
<SwGbl:Action>Ensure
remote SwiftNet domain is up.</SwGbl:Action>
<SwGbl:Details>
<SwGbl:Code>Sw.XPC.TpCallTPESVCERR</SwGbl:Code>
<SwGbl:Text>Received
an error call the Tuxedo tpcall() API. This is the typical error
that will occur if the responder is not active., TPESVCERR - server
error while handling request, Service=&quot;XX_afe2&quot;
;</SwGbl:Text>
<SwGbl:Action>Remote
Domain is not reachable.</SwGbl:Action>
</SwGbl:Details>
<SwGbl:Details>
<SwGbl:Code>Sw.Wfa.BCSError</SwGbl:Code>
<SwGbl:Text>An
error occurred in the Basic Communications Services processing.</SwGbl:Text>
<SwGbl:Action>More
information can be obtained in other status objects in the response.</SwGbl:Action>
</SwGbl:Details>
</SwGbl:StatusAttributes>
</SwGbl:Status></Sw:ExchangeSnFResponse>
****
PID=319532 TID=1 05-22-10 16:39:48.977800
acquireQueue exited rc=1.
PID=319532 TID=1
05-22-10 16:39:48.977825 checkQueues exited rc=1.
PID=319532
TID=1 05-22-10 16:39:48.977843 Return code after switch is: 1
PID=319532
TID=1 05-22-10 16:39:48.977858 Return code is SWIFNETERROR, shutdown.
PID=319532
TID=1 05-22-10 16:39:48.978005 serverCtl exited rc=1.
```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Note: After application of this patch the MEFG Server must be redeployed. Please see the Gentran Integration Suite documentation for more information on this procedure.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: SWIFT - Interact Adapter

Escalation ID: 00183013

Fix ID: 223946, 222187, 222186, 233696

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX9578

Title: Possible duplicate flag is not handled properly in SWIFTNet Adapter.

Description: SWIFTNet Adapter should handle possible duplicate flag properly and return 'Duplicated' status when it is a duplicate request.

Error Message: There is no error message. SWIFTNet Adapter will just return Accepted status instead of Duplicated status.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4323 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: SWIFT - Interact Adapter

Escalation ID: 00184566

Fix ID: 223947, 222980, 233710

Severity: Normal

Type: NormalFix

Build: 4323, 5006, 5101

InQuira ID: NFX7777

Title: If two SAGs are configured (Primary and Secondary), the primary should be used with priority if available

Description: When the connection to the SAG is switched from the first SAG to the second SAG using a SWIFTNetServerAdapter configured in ACTIVE/ACTIVE mode, it is required to monitor if the first SAG is available again. If it is available,

then the connection should switch back from second SAG to the first SAG. That is, if two SAGs are configured (primary and secondary), the primary should be used with priority if it is available.

Error Message:

In regular schedules, the first SAG is rebooted at SG level. If this happens, the connection switches to the second SAG (BACKUP), which is using a different MRR than the first SAG. If the first SAG is available again, SWIFT expects to send to the MRR of the first SAG and the data flow breaks because it is still used the second SAG.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: SWIFT - Interact Adapter

Escalation ID: 00073067

Fix ID: 196413, 202497, 233355

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX8124

Title: Problem in sending 196 files over swift at a time

Description: No problem in sending 100 files over swift at a time. Hit both OOM and mefg bottleneck with 196 files .

Error Message: OOM

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4323 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Please apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Enhancing the logging to include the BP ID which is useful to trace during concurrent request

Fixing the SWIFTNet Client Service to use a thread pool when making Http Request. To apply this change, the user needs to set the useThreadPool parameter in the BP to 'true'. (See BP example below.)

Fixing the SWIFTNet Client Service to be able to use HTTP Client Adapter group name instead of the actual instance name when using thread pool.

Reducing the number of logging statement in MEFG Server

Using thread ID during the logging and removed the indentation during the logging.

After applying the patch, the following changes need to be made to the SWIFTNet business processes to enable the fix:

1. In the SWIFTNetClientService output message, set a new parameter useThreadPool equals to true e.g.:

```
<operation>

    <participant name="SWIFTNetClientService"/>

    <output message="handleClientRequest">

        <assign to="useThreadPool">true</assign>

        <assign to="." from="*" />

    </output>

    <input message="testing">

        <assign to="." from="*" />

    </input>

</operation>
```

2. Add a new step after the first SWIFTNetClientService to handle the response separately e.g.:

```
<operation>

<participant name="SWIFTNetClientService"/>

    <output message="handleClientRequest">

        <assign to="useThreadPool">true</assign>

        <assign to="." from="*" />

    </output>

    <input message="testing">

        <assign to="." from="*" />

    </input>

</operation>

<operation>
```

```

                <participant
name="SWIFTNetClientService"/>

                <output message="handleResponse">
                    <assign
to="." from="*" />
                </output>

                <input
message="testing">
                    <assign to="." from="*" />
                </input>

            </operation>

```

The default value for the useThreadPool parameter is false. Therefore, it's not necessary to enable this fix (and therefore not necessary to change the BP) if the out of memory issue is not occurring.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: SWIFT - Interact Adapter

Escalation ID: 128524

Fix ID: 223942, 211308, 211309, 233548

Severity: Critical

Type: CoreChange

Build: 4323, 5006, 5101

Trading Partner Profiles

InQuira ID: NFX8134

Title: Packaging pull down menu in the Trading partner Profile - does not display all the available packaging records.

Description: In Gentrant Integration Suite, Release 4.3 Build 4320/Sterling B2B Integrator, Release 5.0, navigate to Trading Partner > Advanced > Profiles page. In the Profile Definition page, under Packaging drop-down list, it shows only 150 items. Items beyond 150 are not visible in the list.

Resolution:

Apply Gentrant Integration Suite, Release 4.3 Build 4324 or later

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Trading Partner Profiles

Escalation ID: 130074

Fix ID: 211069, 215549, 233588

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX7511

Title: Unable to add trading partners even when the limit is not reached

Description: Sterling B2B Integrator 5.0 build 5002.

Unable to add enough trading partners to Sterling B2B Integrator though license is eligible and when the limit is not reached.

Example:

If license is valid for 6 trading partner Sterling B2B Integrator allows only to create 5 trading partners and displays the following error message.

Error Message: 'You already have 6 active Partners in the system!'

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Trading Partner Profiles

Escalation ID: 74671

Fix ID: 209262, 233513

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX7458

Title: The partner code in the Partners Contact Information screen is Grayed out in Sterling File Gateway.

Description: After a conversion of Advanced File Transfer to Sterling File Gateway, the Partner Code field, in the Sterling File Gateway Partner is populated with the Partner from Advanced File Transfer. If there are special characters in the partner name (ex. and under score'_'), the Partner Code becomes grayed out and is unable to be altered.

Error Message:

When editing the Partner the following message appears:

The partner code contains invalid characters. Please try again.

Resolution:

Added support for underscores ("_"), periods ("."), and dashes ("-") to the Partner Code field.

Apply Gentran Integration Suite, Release 4.3 build 4322 or later..

Apply Sterling B2B Integrator, Release 5.0 build 5006 or later..

Apply Sterling B2B Integrator, Release 5.1 build 5101 or later..

Functional Area: Trading Partner Profiles

Escalation ID: 106565

Fix ID: 204466, 204467, 233405

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX7186

Title: Accepting a pending Trading Partner throws HTTP 500 Error in the Community Management page

Description: In the Pending tab of the Community Management page, when you click Accept to add a trading partner, and if you had selected HTTP as the protocol to be used in the Community Details page, an HTTP internal server error (500) is displayed.

Error Message: HTTP Error: 500 Internal Server Error

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4321 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Trading Partner Profiles

Escalation ID: QC

Fix ID: 195843, 202189, 233344

Severity: Critical

Type: CoreChange

Build: 4321, 5006, 5101

InQuira ID: NFX9461

Title: Sterling B2B Integrator allows multiple users to edit the same AS2 profile simultaneously and it doesn't provide a lock on profile.

Description: When a user edits a profile it creates a lock on profile. We could verify that from lock manager page. However Sterling B2B Integrator also allows other users to edit the same profile and it doesn't provide any error message saying "the profile is locked by other user".

Sterling B2B Integrator should throw an error message saying "the profile is locked by other user".

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Trading Partner Profiles

Escalation ID: 137776

Fix ID: 212587, 233557

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9422

Title: SSH Remote Profiles does not allow password longer than 15 characters.

Description: In the SSH Remote Profile UI screen (from Trading Partner ->SSH ->Remote Profiles and create a New SSH Remote Profile), the password field is limited to 15 characters. Passwords that are longer than 15 characters will be truncated to the first 15 characters causing authentication errors with the remote SFTP server due to the passwords not matching.

Error Message: No error message in Gentran Integration Suite/Sterling Integrator logfiles, however the business process will fail and the response from the remote SFTP server shows "Connection refused" due to the password not matching.

Resolution:

Increase the password length in the UI to 255 characters.

Apply Sterling B2B Integrator, Release 5.0 build 5006 or later..

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later..

Apply Sterling B2B Integrator Release 5.1 build 5101 or later..

Functional Area: Trading Partner Profiles

Escalation ID: 156238

Fix ID: 221665, 217183, 233684

Severity: Normal

Type: Norma Fix

Build: 5006, 4324, 5101

Translator

InQuira ID: NFX9401

Title: Output truncated when Processing large XML input files

Description: Gentran Integration Suite 4321. When processing a SWIFT Settlement Credit File containing 18919 transactions, after translation completed they only received 6533 transactions in output. The issue was traced to a bug in the Translator Disk Caching when the input file size exceeds Large File Threshold. The translator attempts to find the largest index processed from a group and it does this step incorrectly. It processes all the keys from memory and checks their indices but it fails to reference the current group instance that isn't in memory or on disk. This leads to referencing the wrong location in memory going forward, which causes the incorrect output.

size of input stream that triggers large file support

storage.LargeFileThreshold=15000000

In this situation, the input file was 18mb which was 3 mb greater than the Large File Threshold.

The issue occurs on all XML input files not just SWIFT messages.

Error Message: No errors found. Output was truncated.

Resolution:

Workaround - Reduce the file size to a value below the Large File Threshold

Workaround (for limited use only) - Increase the Large File Threshold to a value greater than the input file. This workaround should be used only in situations where tight deadlines mandate that a file must be processed and cannot be reduced in size beforehand. It is not recommended that this value is set for prolonged periods due to the associated performance implications.

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

** For information on this issue for Gentran Integration Suite 4.2 see NFX8289 **

Functional Area: Translator

Escalation ID: 00184620

Fix ID: 201264 201265, 233326

Severity: Critical

Type: NormalFix

Build: 4322 5006, 5101

InQuira ID: NFX8804

Title: SQL Input map is not passing data to the output side from Temporary Input Records.

Description: SQL Input Maps are not generating data for output records that only contain links from input temporary records that do not get their values from a SQL Query. All fields in the temporary input record get their values from an extended rule.

Adding a link to the output record from an input record that is populated via a SQL Query will cause the output record to generate. However the output fields that receive data from the temporary input record are still empty.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Translator

Escalation ID: 165689, 139896

Fix ID: 218559, 219071, 233640, 233631

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX10444

Title: Can the translator process data through a positional map if the last segment does not contain a CRLF?

Description: The default behavior of the translator when executing a positional map does not process the last segment in the input file if it does not contain a segment terminator.

Resolution:

A behavior change has been made that will allow the translator to read the last segment in the input file only if all 3 of the following are true:

1. The input side of the map is Positional

2. The default segment terminator CR/LF is used as the segment terminator
3. The data is being read via the ReadBlock extended rule.

Note: Normal positional input processing still requires the segment terminator for the last segment in the input file.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Translator

Escalation ID: 241514

Fix ID: 236668

Severity: Normal

Type: NewFunctionality

Build: 5101

InQuira ID: NFX7339

Title: Translation does not error when XML input does not contain mandatory elements.

Description: XML input data does not contain tags for the root or elements that are mandatory in the map structure, but no translation error is given.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Translator

Escalation ID: 97625

Fix ID: 203425, 233375

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX8293

Title: java.lang.NullPointerException error when the JDBC pool is not defined, and exhaust input is set to yes

Description: java.lang.NullPointerException error when the JDBC pool is not defined, and exhaust input is set to yes,

If exhaust input is set to yes, the translation service errors with Interrupted_man, and no translator report. The status report shows java.lang.NullPointerException.

If exhaust input is set to no, the translation service errors with halted, and the translator report gives an error of:

Report Entry:

Section: INPUT Severity: ERROR

SyntaxSpecific: false Syntax: -1 Code: 700 Data Source Open Error

Info:

10701: Data Source Pool

Gentran Standards

10006: Exception

Invalid pool name 'Pool_Name' while getting a database connection. Please check for consistency of the properties files or BPML

Error Message: java.lang.NullPointerException

Resolution:

Apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Translator

Escalation ID: 99777

Fix ID: 202349, 204097, 204094, 233396

Severity: Normal

Type: NormalFix

Build: 4222, 5006, 4324, 5101

InQuira ID: NFX3874

Title: 123 Data Conversion Error on Packed field defined as P2 and greater

Description: Gentran Integration Suite, Release 4.3

Input field defined as P2, P3, P4, P5, etc. contains NULLS (hex 00)

Error Message:

Code: 123 Data Conversion Error - only occurs if Input field is defined as P2, P3, P4, P5, etc.

If field is defined as P0 or P1 no errors occur

Resolution:

Apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

After the patch has been applied, please download and reinstall the Map Editor.

Fix ID's

171335, 177577, 207905, 211928, 233551

Functional Area: Translator

Escalation ID: 1371235, 123830

Fix ID: 207905, 211928, 233551, 211927

Severity: Normal

Type: NormalFix

Build: 4222, 4316, 5006, 4324, 5101

InQuira ID: NFX5888

Title: Translator appears to be using bytes to count positions instead of characters in Gentran Integration Suite

Description: When double byte characters occur in positions before the tag, the record is not matched. The translator seems to be counting the position it is in based on number of bytes rather than number of characters.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Translator

Escalation ID: 39212

Fix ID: 185536, 203274, 233371

Severity: Normal

Type: NormalFix

User Interface (UI)

InQuira ID: NFX4355

Title: Where in the skin_styles.css can I alter the background color of the top menu.

Description: The issue is that 'Rebrand Sterling Filegateway' doesn't handle the background color attribute for 'Top' navigation from skin_styles.css. The only options that are available to 'Top' from skin_styles.css are .button, .menuButton. There is no option under section 3 of css file that takes background color settings dynamically. The only way to have the color change is by explicitly editing the menu.js and change the hardcoded value of backgroundColor:"#7896CF" to something of your choice.

Error Message: No error message.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Workaround:

1. Edit the skin_styles.css with color of your choice (by default it will be #7896CF color - You may choose red color and put #FF2400 in place of #7896CF)

```
<<install_dir>>/container/Applications/filegateway/isomorphic/skins/  
FileGateway/skin_styles.css
```

1. Search for "menuBackground" You will notice that the default background color is #7896CF

```
.menuBackground {
```

```
background-color: #7896CF;
```

```
}
```

1. Put #FF2400 in place of #7896CF (or any desired value)
2. Save the file
3. Run the commands below in order

```
<<install_dir>>/bin/hardstop.sh
```

```
<<install_dir>>/bin/deployer.sh
```

```
<<install_dir>>/bin/run.sh
```

Note: If you rebranded <ph conref="FileGateway_32316_22331.xml#T32316/C1">Sterling File Gateway</ph> in a previous version, you must make an additional change after you install Build 5006. Add the .menuBackground property to the custom skin .css file as in the following

```
/* --- menu background color for main navigation bar;
```

```
default is #7896CF --- */
```

```
.menuBackground {  
background-color: #7896CF;  
}
```

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: UI General

Escalation ID: 00156664

Fix ID: 217701, 233633

Severity: Normal

Type: NormalFix

Build: 4324, 5101

InQuira ID: NFX8472

Title: In Sterling File Gateway UI consecutive failed login attempts before account is locked does not work for myFilegateway.

Description: The ConsecFailedAttempts parameter in ui.properties works for /ws, /dashboard and /MBI but not for /myfilegateway, /myaft or /filegateway. If 'ConsecFailedAttempts' parameter is set in the ui.properties, this doesn't control users login tries

Error Message: N/A

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: UI General

Escalation ID: 00148358

Fix ID: 219744, 214751, 233649

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9603

Title: Within File Gateway the session timeout box does not allow you to login if they use the enter key

Description: Within File Gateway the session timeout box does not allow you to login using the enter key. The "sign on" button must be clicked.

Error Message: "invalid username/password" is displayed if the enter key is used to submit the password.

Resolution:

Apply Sterling B2B Integrator, Version 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Version 5.1 Build 5101 or later.

Functional Area: UI General

Escalation ID: 185365

Fix ID: 223073, 233711

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX8896

Title: In Sterling File Gateway UI, after selecting the 'Activity Snapshot' display, the arrived files are listed incorrectly in ascending order

Description: In Sterling File Gateway UI, after selecting the 'Activity Snapshot' display, the arrived files are listed in ascending order and should be in descending order per 'On Discovery Time' the arrow points down. Recreated at Gentran Integration Suite 4.3 patch 4322+UBOC hotfix.

Steps to recreate: Logged on to Sterling File Gateway as fg_sysadmin. Selected the 'Activity Snapshot' and for Last Day I hit 'Total Arrived Files 105', just a note all files were for 5/3/10. Then it listed the arrived files but the oldest was listed at the top, meaning it is incorrectly listing the files in an ascending order. On the 'On Discovery Time' the arrow points down for descending order, so the sort should list the most recent file at the top, in a descending order. This is the problem.

Only after you scrolled down to the bottom of the list, then the order of the files changed on it's own to the most recent arrived files were now at the top of the list, now listed in a descending order which is how they should have been listed from the beginning.

Summary of problem: So it appears that by selecting the the 'Activity Snapshot', it is causing the arrived files to be listed/sorted in the wrong order, listed in ascending order, when it should be a descending order. Again, on the 'On Discovery Time' the arrow points down for descending order.

As a comparisons, if you go to "Search Criteria", do not specify any values, and hit find, it will correctly list/sort the arrived files in a descending order (per 'On Discovery Time' the arrow points down for descending order.), no problem here.

Error Message: None

Resolution:

In Sterling File Gateway UI, after setting the ' On Discovery Time' (arrow pointing down for descending or up for ascending) is now respected when we open the 'Activity Snapshot' display and select any route activities, (last day, last week, etc.).

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator Release 5.0, Build 5006 or later.

Apply Sterling B2B Integrator Release 5.1, Build 5101 or later.

Functional Area: UI General

Escalation ID: 173486

Fix ID: 221125, 220048, 233670

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

User Interface

InQuira ID: NFX7036

Title: Unable to use special character pound sign(#) for the Routing Parameters in SAP Routes Cross Reference

Description: Unable to use a special character such as the pound sign (#) in the Routing Parameters of an SAP Cross Reference record

This worked in Gentran Integration Suite 4.1.1 but is not allowed in Gentran Integration Suite, Release 4.3 or Sterling B2B Integrator, Release 5.0 or Sterling Integrator, Release 5.1.

The only special character that Gentran Integration Suite will allow is a \$ (dollar sign)

Error Message:

Here is the error message which occurs:

RCVPRN is invalid. Please try again. The following characters are not valid

! @ # % ^ * () { } [] | ; " ' "

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

After the patch is applied, the special characters other than \$ are allowed.

Functional Area: User Interface

Escalation ID: 00090391

Fix ID: 203353, 200442, 233372

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX7016

Title: The Business Process > Current Activities does not display all information

Description: When using the Business Process > Current Activities screen, if the text is longer than the Activity Details column, the text will scroll off to the right and the rest of the columns cannot be seen by the user.

This may occur when the Service Name contains a long string, resulting in a long value in the Session column.

Resolution:

For Gentran Integration Suite 4.3, please apply Build 4322 or later to resolve this issue

For Sterling B2B Integrator 5.0, please apply Build 5006 or later to resolve this issue

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: User Interface

Escalation ID: 00087938

Fix ID: 199839, 201407, 233329

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX6786

Title: Permissions search not returning correct results when underscores are used.

Description: In the Gentran Integration Suite permissions search user interface screen, if you search for a permission name that contains underscores, then no search results are returned.

Error Message: No errors

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: User Interface

Escalation ID: 00079766

Fix ID: 197696, 233498

Severity: Normal

Type: NormalFix

Build: 4322, 5101

InQuira ID: NFX7267

Title: Wrong URL on licensing email alerts

Description: Sterling B2B Integrator 5.0 and Sterling B2B Integrator 5.1 still points to the old licensing site when sending email alerts regarding licensing issues.

The correct web site according to documentation should be:

https://support.sterlingcommerce.com/forms/gis_key_request.aspx

Error Message:

Email extract below:

```
*****CentralOps License error: IP Invalid
```

Please visit <http://productupdates.stercomm.com> to renew your license.

After you have a valid license, please take the following steps.

(Note: if you are using the windows version, all shell scripts will have .cmd instead of .sh) 1. If you are using mysql as your database

```
install_dir/bin/control_mysql.[sh|cmd] start 2. install_dir/bin/  
AddLicenseSet.[sh|cmd] licenseFile 3. If you are using mysql as your database
```

```
install_dir/bin/control_mysql.[sh|cmd] stop 4. Restart the product
```

Note: some Sterling B2B Integrator components may not run on invalid licenses.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: User Interface

Escalation ID: 00098614

Fix ID: 202293, 233349

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX8511

Title: Dashboard Redirects to WS on Timeout

Description: User originally logged into Sterling B2B Integrator 5.0 Dashboard. However when the user session times out, the screen redirects to the WS login screen / application

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: User Interface

Escalation ID: 151019

Fix ID: 217886, 233615

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX8406

Title: Report generated, in Sterling File Gateway, does not reflect date and time inputted.

Description: The report generated by Sterling file Gateway using the Tools>Reports screen, will not reflect the Date (From), Time (From), Date (To), Time (To) values entered.

Error Message:

No error message is received. The base Date and Time used seems to be 20:00:00, the day before, the date entered in the Date (From) (To) fields.

Resolution:

Apply Gentran Integration Suite 4.3 Build 4322 or later..

Apply Sterling B2B Integrator 5.0 Build 5006 or later..

Apply Sterling B2B Integrator 5.1 Build 5101 or later..

Functional Area: User Interface

Escalation ID: 00145491

Fix ID: 227401, 205575, 233776

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX7734

Title: changesystempassphrase script asks for current passphrase twice

Description: While changing passphrase using changesystempassphrase script, it asks for current passphrase twice.

Error Message: no error message

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: User Interface

Escalation ID: 95541

Fix ID: 205482, 202538, 233439

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX7869

Title: Arrived File tab not displayed while reviewing Activity Snapshot in Sterling File Gateway.

Description: When viewing the Activity Snapshot screen (Tools>Activity snapshot) you get a pop-up box listing several file statuses for the Last Hour, Last Day, Last Week. When you click on one of the file statuses, the screen behind the pop-up box will change to the Arrived File tab. Then you have to click out of the pop-up box to have access to the Arrived Files tab. However, when the screen you are on, prior to going to the Activity snapshot screen, is the Search Criteria tab, after you click out of the pop-up box to have access to the Arrived File tab, the screen will revert

back to the Search Criteria screen. This causes the user to click on the Arrived File tab to review their results from the Activity Snapshot.

This issue appears on the IE browser.

Issue does not appear on Fire Fox (3.5.3, 3.5.5) browser.

Error Message: No error message, just incorrect behavior with IE7.

Resolution:

Issue was identified and fixed by 3rd party UI software provider.

Apply Sterling B2B Integrator, Release 5.0 build 5006 or later..

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later..

Apply Sterling B2B Integrator, Release 5.1 build 5101 or later..

Functional Area: User Interface

Escalation ID: 119692

Fix ID: 214040, 207885, 233572

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX8645

Title: Maps checked out via the UI do not show as checked out

Description: When the user checks out a Map via the User Interface, the Map is not marked correctly as having been checked out. If the user then attempts to check the Map out again, they receive a warning that the Map has already been checked out by another user, but it does not specify which user has checked it out.

The system does correctly create the Lock on the Map as it is checked out, and this needs to either expire or be manually cleared in order to check the Map out again.

Resolution:

For Sterling B2B Integrator Release 5.0, please apply Build 5006 or later to resolve this issue

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: User Interface

Escalation ID: 159383

Fix ID: 216977, 233601

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX8792

Title: MESA Skin editor not updating the Header Logo and other css files in Sterling B2B Integrator 5.0.

Description: When a Header Logo is applied in MESA Skin editor it updates the top_sub_gentran.gif file in the deployed war files under noapp/deploy, but it doesn't update the topbar_sub_integrator.gif file. The _integrator.gif file is the link that Sterling B2B Integrator 5.0 uses for the Header logo and _gentran.gif file is the one that 4.x points to. This causes the Header logo not to be updated to the intended image. There are also some css files that aren't being updated. In MESA, the Tree link and page background colors are also not updated in the deployed war files.

Error Message: No errors.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: User Interface

Escalation ID: 167262

Fix ID: 218910, 233638

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9426

Title: My Account always shows the first Identity in the list

Description: When looking at the My Account page, the first entry in the list always shows up under Identity, regardless of the value actually assigned to the account. If the User Account is edited in the UI, the correct Identity shows up, but the My Account always displays the first one in the list.

Resolution:

For Sterling B2B Integrator, Release 5.0, please apply Build 5006 or later to resolve this issue.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: User Interface

Escalation ID: 00168510

Fix ID: 219456, 233647

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9427

Title: Checking in a Map does not release the lock on the resource

Description: When checking in a new version of a Map, the lock that is created on the resource at check out is not released, which prevents the Map from being checked out again until the Lock is manually released.

Resolution:

For Sterling B2B Integrator, Release 5.0, please apply Build 5006 or later to resolve this issue.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: User Interface

Escalation ID: 00170071

Fix ID: 218902, 233637

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9601

Title: When a report is scheduled, the Schedule Report wizard runs indefinitely.

Description: When a new report is created and is scheduled from Operations > Reports > Schedule Report , the Schedule Report wizard runs indefinitely & never completes.

This issue is only seen so far specifically in hotfix 4322_BR999999_214785 version#4

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later

Two parts of the code were calling the same method, resulting an infinite loop. They are now in a new protected method.

Functional Area: User Interface

Escalation ID: 186354

Fix ID: 224322, 224321, 233733

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX1509

Title: Envelope UI becomes extremely slow (unstable) with a large # of envelopes in the system

Description: The envelope UI performance was caused by the following:

"Base Envelope" drop down list logic

"Next Envelope" drop down list logic

Sender/Receiver ID AutoComplete caches

primary envelope list query (non distinct)

Resolution:

Fixes were made in each area identified above to improve performance for systems that have a large number of Envelopes. In addition, parameter was added to override Sender/Receiver caching and prevent UI stalls due to AutoComplete.

The new override can be added to the following properties files:

customer_overrides (preferred)

ui.properties

The parameter is:

autoCompleteEnvelopeIDs=false

The above parameter does not exist by default. As well the default behavior without the above parameter is true.

Apply Gentran Integration Suite, Release 4.1.1 Build 1983 or later.

Apply Gentran Integration Suite, Release 4.2 Build 4217 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Fix ID's:

39401, 38947, 177105, 177106, 233236

Functional Area: User Interface

Escalation ID: 1366209

Fix ID: 39401, 38947, 177105, 177106

Severity: Normal

Type: NormalFix

Build: 1983, 4217, 4322, 5006, 5101

InQuira ID: NFX2100

Title: When we try to view any log files from Admin Console using IE6, A message "The Logfile is empty" is displayed.

Description: When we try to view any log files from Admin Console using IE6, we could not see any log messages and a message "The Logfile is empty" is displayed. Also it seems that the log file title is not displayed properly. However the same log messages are visible in IE7 without any problem.

Gentran Integration Suite is running on Japanese Windows 2003 server and the client works on Japanese Windows XP(SP2). This issue is happening with GIS43 Build 4305.

Error Message: A message "The Logfile is empty" is displayed.

Resolution:

Japanese IE 6 cannot handle simpledateformat object with two digit year and AM PM values when it is encoded.

Apply Gentran Integration Suite, Release 4.3 Build 4307 or later..

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: User Interface

Escalation ID: 1368405, 84528

Fix ID: 43639, 198091, 233269

Severity: Normal

Type: NormalFix

Build: 4307, 5006, 5101

InQuira ID: NFX9557

Title: One user may see another user's file activity if logged in from the same browser session

Description: After logging into the Sterling File Gateway User Interface, if a user opens a new window and then logs into the Sterling File Gateway User Interface again as another user, they may be able to view the second user's file activity in the first user's session, but only after having viewed it in the second user's session.

Resolution:

For Sterling B2B Integrator Release 5.0, please apply Build 5006 or later to resolve this issue

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: User Interface

Escalation ID: 185369

Fix ID: 223074, 233712

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX5973

Title: In Sterling B2B Integrator 5.0 "EDI Documents Processed in Time Series" image is not displayed

Description: In Sterling B2B Integrator 5.0 when we log into dashboard and click on Channels tab the image for "EDI Documents Processed in Time Series" is not displayed.

Error Message: No Error Message

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: User Interface

Escalation ID: 42194

Fix ID: 186026, 233243

Severity: Normal

Type: NormalFix

Upgrade

InQuira ID: NFX7000

Title: Error during application on iSeries

Description: During the application of patch 4319 or also on Sterling B2B Integrator 5.0 on an iSeries Gentran Integration Suite/Sterling B2B Integrator instance, the patch application process fails during the database updates.

Error Message:

```
java.ext.dirs=${sysproperty.value2}
java.version=${sysproperty.value5}
java.endorsed.dirs=${sysproperty.value3}
os400.jit.nocompile.class=${sysproperty.value4}
âsaneSqlExecâ
Executing file: /gis/gis43/repository/scripts/EFrame_TableChanges.sql
âsaneSqlExecâ
Failed to execute: ALTER TABLE USER_PREF ALTER COLUMN PROC_PAGE_SIZE
SET DEFAULT 15

/gis/gis43/properties/entityDeployer.xml:424:
The following error occurred while executing this line:
/gis/gis43/properties/entityDeployer.xml:404: com.ibm.db2.jdbc.app.
DB2SQLException:
Column or sequence attribute is not valid.
at
java.lang.Throwable.<init>(Throwable.java:196)
at
java.lang.Exception.<init>(Exception.java:41)
at
java.lang.RuntimeException.<init>(RuntimeException.java:43)
at
org.apache.tools.ant.BuildException.<init>(BuildException.java:61)
at
org.apache.tools.ant.BuildException.<init>(BuildException.java:77)
at
org.apache.tools.ant.ProjectHelper.
addLocationToBuildException(ProjectHelper.java:539)
at
org.apache.tools.ant.taskdefs.MacroInstance.
execute(MacroInstance.java:380)
at
org.apache.tools.ant.UnknownElement.execute(UnknownElement.java:275)
at
org.apache.tools.ant.Task.perform(Task.java:364)
at
org.apache.tools.ant.Target.execute(Target.java:341)
at
org.apache.tools.ant.Target.performTasks(Target.java:369)
at
org.apache.tools.ant.Project.executeSortedTargets(Project.java:1216)
at
org.apache.tools.ant.Project.executeTarget(Project.java:1185)
at
com.servename.install.deployer.AntDeployer.
executeScript(AntDeployer.java:253)
at
com.servename.install.deployer.AntDeployer.deploy(AntDeployer.java:204)
at
com.servename.install.deployer.AntDeployer.execute(AntDeployer.java:200)
```

```
at
sun.reflect.GeneratedMethodAccessor335897131.invoke(Unknown Source)
at
sun.reflect.DelegatingMethodAccessorImpl.
invoke(DelegatingMethodAccessorImpl.java:25)
at
java.lang.reflect.Method.invoke(Method.java:585)
at
com.servename.install.InstallSIBootstrapper.
instanciateAndRun(InstallSIBootstrapper.java:351)
at
com.servename.install.EntityWrapper.processEntities(EntityWrapper.java:71)
at
com.servename.install.utils.ProcessEntities.
process(ProcessEntities.java:170)
at
com.servename.install.utils.ProcessEntities.
gatherEntities(ProcessEntities.java:100)
at
com.servename.install.utils.ProcessEntities.
processEntities(ProcessEntities.java:57)
at
com.servename.install.module_loader.ServiceInstallDriver.
doIt(ServiceInstallDriver.java:169)
at
com.servename.install.module_loader.ServiceInstallDriver.
main(ServiceInstallDriver.java:64)
at
sun.reflect.NativeMethodAccessorImpl.
invoke(NativeMethodAccessorImpl.java:39)
at
sun.reflect.DelegatingMethodAccessorImpl.
invoke(DelegatingMethodAccessorImpl.java:25)
at
java.lang.reflect.Method.invoke(Method.java:585)
at
com.servename.install.module_loader.
ServiceInstallBootstrapper.doIt(ServiceInstallBootstrapper.java:96)
at
com.servename.install.module_loader.
ServiceInstallBootstrapper.main(ServiceInstallBootstrapper.java:60)
```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Upgrade

Escalation ID: 00084421

Fix ID: 202034, 202032, 204105, 233340

Severity: Critical

Type: NormalFix

Build: 4322,4324, 5006, 5101

Users/Groups/Data Security Groups

InQuira ID: ENH2058

Title: Secure LDAP passwords within Gentran Integration Suite/Sterling B2B Integrator and encrypt the trust store or key store passphrases

Request Description: Allow for the following properties stored in the authentication_policy.properties file (or customer_overrides.properties) to be encrypted in the property files:

- authentication_policy.authentication_1.credentials: This parameter or property governs the principal password necessary to access an LDAP instance. This should be secured since no password that governs security and access should be exposed in plain text.
- authentication_policy.LDAP_SECURITY_TRUSTSTORE_PASSWORD: This parameter or property governs the password for the trust store (JKS format) used for securing LDAP connections. The passphrase for this JKS must be supplied so that the trust store can be accessed since it is an encrypted file.
- authentication_policy.LDAP_SECURITY_KEYSTORE_PASSWORD: This parameter or property governs the password if client-based SSL authentication is used to secure connections to a given LDAP instance.

Escalation ID: 1361517 (196733, 196734, 223722, 234240)

Status: Completed

Request Resolution: Add the appropriate properties to the customer_overrides.properties file with values being of the form <encval>, where <encval> is value that <installDir>/bin/encrypt_string.[sh/cmd] returns for the real value of the property. Update customer_overrides.properties to have following entries. Replace all <ENCVAL> with the encrypted value of the non-encrypted string commented out for that property using the bin/encrypt_string.sh (or .cmd).

Add the following lines (again with appropriate replacement of <ENCVAL>:

```
authentication_policy.LDAP_SECURITY_TRUSTSTORE=&INSTALL_DIR;
../woodstock2/com/servername/security/units/cacerts
#non-encrypted
#authentication_policy.LDAP_SECURITY_TRUSTSTORE_PASSWORD=changeit
#encrypted
authentication_policy.LDAP_SECURITY_TRUSTSTORE_PASSWORD=<ENCVAL>
authentication_policy.LDAP_SECURITY_KEYSTORE=&INSTALL_DIR;
../woodstock2/com/servername/woodstock/security/units/keystore
#non-encrypted
#non-encrypted
#authentication_policy.LDAP_SECURITY_KEYSTORE_PASSWORD=password
#encrypted
authentication_policy.LDAP_SECURITY_KEYSTORE_PASSWORD=<ENCVAL>
authentication_policy.authentication_2.display_name=LDAPServer agrona 2
authentication_policy.authentication_2.enabled=true
authentication_policy.authentication_2.jndi_factory=com.sun.jndi.ldap.LdapCtxFactory
authentication_policy.authentication_2.server=agrona.sci.local
authentication_policy.authentication_2.port=18100
authentication_policy.authentication_2.security_type=simple
authentication_policy.authentication_2.principle=cn=Manager,dc=amr,dc=stercomm,dc=com
#non-encrypted
#authentication_policy.authentication_2.credentials= Sterling
#encrypted
authentication_policy.authentication_2.credentials=<ENCVAL>
authentication_policy.authentication_2.security_protocol=ssl
authentication_policy.authentication_2.password_attribute=userPassword
authentication_policy.authentication_2.search_root=dc=amr,dc=stercomm,dc=com
authentication_policy.authentication_2.search_filter=(uid=<userid>)
authentication_policy.authentication_2.with_user_bind=false
authentication_policy.authentication_2.className=com.servername.security.LDAPAuthentication
```

Note: Please use appropriate cacert and keystore files and provide their locations in the customer_overrides.properties file.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

InQuira ID: ENH1677

Title: For Gentran Integration Suite/Sterling Integrator and Sterling File Gateway/Advanced File Transfer User Accounts, allow creation of user IDs with 4 characters or less for either Local authentication or External authentication

Request Description: For Sterling B2B Integrator/Gentran Integration Suite, Sterling File Gateway or Advanced File Transfer User Accounts, allow creation of user IDs with 4 characters or less with either Local authentication or External authentication (Single Sign On)

Escalation ID: 1371761, 00145574 (185132, 216054, 188390, 188391, 233594)

Status: Completed

Request Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Note: This functionality was available as of Build 4319 for Gentran Integration Suite user accounts only. Build 4324 adds this functionality for Sterling File Gateway/Advanced File Transfer user accounts.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Note: This functionality was available as of Build 5002 for Sterling B2B Integrator user accounts only. Build 5006 adds this functionality for Sterling File Gateway/Advanced File Transfer user accounts.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Note: This functionality was available in base 5.1 for Sterling B2B Integrator user accounts only. Build 5101 adds this functionality for Sterling File Gateway/Advanced File Transfer user accounts.

After the patch is applied to setup a User Account with a User ID less than 5 characters, please do the following:

In the customer_overrides.properties file, set the userIdMinLength parameter to the minimum number of characters that should be allowed.

Please see the Documentation Library for information on using the customer_overrides.properties file.

Note that the default will still remain 5 characters as defined in the ui.properties for the userIdMinLength parameter to maintain backward capability unless overridden as noted above.

ui.properties:

```
#####  
#The number of characters limitation for creating user id.  
#The length should be greater than zero.  
#####  
userIdMinLength = 5
```

WebServices

InQuira ID: NFX7071

Title: FaultString value populated in SOAPFaultService is not displayed. Instead it displays generic soap fault string.

Description: SOAPFaultService, which is used to raise a fault has an area to specify fault actor, fault code, fault string, and fault type. Though these values are populated in the service configuration in Graphical Process Modeler, the values populated in faultString value is not used. Instead, it uses only generic SOAP fault string.

Error Message: N/A

Resolution:

Apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: WebServices

Escalation ID: 00079524

Fix ID: 200786, 207133, 207130, 233480

Severity: Normal

Type: NormalFix

Build: 4222, 5006, 4324, 5101

Workflow Engine

InQuira ID: NFX7188

Title: High concurrency leads to a bottleneck in the correlation service

Description: High concurrency leads to a bottleneck in the correlation service.

Error Message: No error message.

Resolution:

Run stopListeners.sh before running startListeners.sh.

Apply Gentran Integration Suite, Release 4.3 Build 4321 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Workflow Engine

Escalation ID: 00040830, 00069398

Fix ID: 198801, 198803, 233276

Severity: Critical

Type: CoreChange

Build: 4321, 5006, 5101

InQuira ID: NFX7417

Title: ControllerWorkFlow script may not terminate Business Processes in Interrupted_Man state

Description: When attempting to use the ControllerWorkFlow script with the flags to terminate Business Process in the Interrupted_Man state, the script will appear to complete successfully, but none of the processes will actually be terminated.

This does not appear to affect Terminating the processes from the User Interface, only when using the ControllerWorkFlow script.

Resolution:

For Gentran Integration Suite Release 4.2, please apply Build 4222 or later to resolve this issue

For Gentran Integration Suite Release 4.3, please apply Build 4324 or later to resolve this issue

For Sterling B2B Integrator Release 5.0, please apply Build 5006 or later to resolve this issue

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Workflow Engine

Escalation ID: 00098360

Fix ID: 203652, 205600, 205599, 233445

Severity: Normal

Type: NormalFix

Build: 4222, 5006, 4324, 5101

InQuira ID: NFX7828

Title: Recovery is restarting BPs within a cluster that will eventually complete successfully on another node.

Description: Recovery is restarting BPs within a cluster that will eventually complete successfully on another node. This results in duplicate steps within the BP.

Recovery is Interrupting the BPs because of temporary lack of communication with another node within a cluster. It should not be doing this because it results in the BP being run twice if Auto-Resume/Restart is configured.

This issue can occur if there is network communication problems between nodes within the cluster.

Error Message: No error messages but duplicate data can be processed.

Resolution:

Please Upgrade to Gentran Integration Suite, Version 4.3 Build 4322 or later.

Please Upgrade to Sterling B2B Integrator, Version 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Workflow Engine

Escalation ID: 92657

Fix ID: 202453, 202454, 233353

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX7763

Title: Softstop causes in-flight processing to fail

Description: The softstop should stop the queues on that node from accepting any more work but allow the BPs already in the queue to finish ... as long as they finish with in 5 minutes.

In 4.3 the queues are stopping, the BPs already in the queue are continuing to run, but some of the services have been stopped ... like the FSA adapters.

Error Message: No errors

Resolution:

Apply Gentran Integration Suite 4.3 build 4322 or later.

Apply Sterling B2B Integrator 5.0 build 5006 or later.

Apply Sterling B2B Integrator 5.1 build 5101 or later.

Functional Area: Workflow Engine

Escalation ID: 54911

Fix ID: 195292, 200259, 233293

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX8716

Title: Deleting an AS2 Trading Partner Profile leaves Business Processes in Halted

Description: When an AS2 Trading Partner profile is deleted from Sterling Integrator, it will delete the associated Business Process Definition. However, it does not delete the executions of that Business Process. If any of these executions are in Halted status, it will leave them in a state where they cannot be Terminated and will display the name 'Deleted Process Definition'.

Resolution:

For Gentran Integration Suite Release 4.2, please apply Build 4223 to resolve this issue

For Sterling B2B Integrator, Release 5.0, please apply Build 5006 or later to resolve this issue

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Workflow Engine

Escalation ID: 00163492

Fix ID: 218248, 217658, 233624

Severity: Normal

Type: NormalFix

Build: 5006, 4223, 5101

InQuira ID: NFX9259

Title: Most of HAR threads are blocked

Description: Most of HAR threads are blocked during AS2 testing.

Error Message:

```
Thread Name
: HAR.90611.Thread State : Blocked Java Stack
at EDU/oswego/cs/dl/util/concurrent/BoundedLinkedQueue.
put(BoundedLinkedQueue.java:296(CompiledCode))
```

```

at com/servername/dmi/visibility/db/DmiVisEventWarehouseQueue.
storeEvent(
DmiVisEventWarehouseQueue.java:96(CompiledCode))
at com/servername/dmi/visibility/db/DmiVisEventWarehouse.
storeEvent(
DmiVisEventWarehouse.java:102(CompiledCode))
at com/servername/dmi/visibility/event/DmiVisWarehouseEventListener.
handleEvent(
DmiVisWarehouseEventListener.java:66(CompiledCode))
at com/servername/event/EventProcessor.fireEvent(EventProcessor.
java:325(CompiledCode))
at com/servername/dmi/visibility/event/DmiVisEventFactory.
basicFireEvent(
DmiVisEventFactory.java:1390(CompiledCode))
at com/servername/dmi/visibility/event/DmiVisEventFactory.
fireCommConnectEvent(
DmiVisEventFactory.java:637(CompiledCode))
at com/servername/services/EDIINT/EDIINTPipelineService/
EDIINTPipelineServiceImpl.
UnpackMessageFromWFC(EDIINTPipelineServiceImpl.java:
1524(CompiledCode))
at com/servername/services/EDIINT/EDIINTPipelineService/
EDIINTPipelineServiceImpl.
parseMessage(EDIINTPipelineServiceImpl.java:1280(CompiledCode))
at com/servername/services/EDIINT/EDIINTPipelineService/
EDIINTPipelineServiceImpl.
processData(EDIINTPipelineServiceImpl.java:682(CompiledCode))
at com/servername/workflow/activity/engine/
ActivityEngineHelper.invokeService(
ActivityEngineHelper.java:1774(CompiledCode))
at com/servername/workflow/activity/engine/
ActivityEngineHelper.nextMainLogic(
ActivityEngineHelper.java:644(CompiledCode))
at com/servername/workflow/activity/engine/ActivityEngineHelper.next(
ActivityEngineHelper.java:371(CompiledCode))
at com/servername/workflow/queue/WorkFlowQueueListener.doWork(
WorkFlowQueueListener.java:328(CompiledCode))
at com/servername/workflow/queue/WorkFlowQueueListener.run(
WorkFlowQueueListener.java:202(CompiledCode))
at com/servername/workflow/queue/WorkFlowQueueListener.onMessage(
WorkFlowQueueListener.java:163(CompiledCode))
at com/servername/workflow/queue/WorkFlowQueueListener.onMessage(
WorkFlowQueueListener.java:149(CompiledCode))
at com/servername/workflow/queue/wfTransporter.run(
wfTransporter.java:287(CompiledCode))
at com/servername/workflow/queue/BasicExecutor$Worker.run(
BasicExecutor.java:517(CompiledCode))
at java/lang/Thread.run(Thread.java:810(CompiledCode))

```

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5007 or later.

Functional Area: Workflow Engine

Escalation ID: QC

Fix ID: 198950, 234251

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9423

Title: Add the ability to change the user recorded as restarting a Business Process

Description: From a previous change (NFX6688), the application now records the user that restarts a Business Process that has been Halted, rather than the original user.

This change could cause an issue with existing internal procedures, and to prevent this, an option was needed to allow the original user to be retained.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

To enable the new behavior, where the user who is restarting the Business Process is recorded, change the following parameter in the workflows.properties file to false, as shown:

```
default_workflow_restart_user_behavior=false
```

Apply Sterling Integrator, Release 5.1 Build 5101 or later.

Functional Area: Workflow Engine

Escalation ID: 00145162

Fix ID: 215078, 215084, 233583

Severity: Normal

Type: NormalFix

Build: 5006, 4324, 5101

InQuira ID: NFX9592

Title: OOM due to business process/workflow context distribution on a cluster when mandatory node is set

Description: Mandatory cluster nodes are set for certain BPs. When the mandatory node had a backlog on the destination queue the workflow was sent back to the originator node which again (due to the mandatory status) had to return it again (ping-pong behavior). This caused the distribution thread object to remain on memory and eventually cause an OOM.

Error Message: OOM exception

Resolution:

Prevent the business process/workflow from returned from the destination (mandatory) node back to the originating node.

Apply Gentran Integration Suite, Release 4.2 Build 4223.

Apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Workflow Engine

Escalation ID: 00119871

Fix ID: 217001, 212221, 216995, 233602

Severity: Critical

Type: NormalFix

Build: 5006, 4223, 4324, 5101

InQuira ID: NFX9477

Title: BPs are being Interrupted incorrectly and duplicate processing of data is occurring within a cluster.

Description: This issue is specific to clusters. Certain workflows are interrupted incorrectly and possibly auto-resumed or auto-restarted and therefore causing the potential for duplicate processing of data.

You will see recovery Interrupt the BP and then possibly duplicate steps.

Issue caused by recovery not finding the workflow ids existing within any JVMs of the cluster. The issue may occur when the queues are backed up and therefore a large number of workflow ids to maintain in workflow id lists passed between cluster nodes.

Error Message: The BP is marked by recovery as Interrupted incorrectly.

Resolution:

Apply Gentran Integration Suite Release 4.3, Build 4324 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Workflow Engine

Escalation ID: 185455

Fix ID: 225124, 225123, 233747

Severity: Normal

Type: NormalFix

Build: 4324, 5006, 5101

InQuira ID: NFX9656

Title: Document converted to all nulls when passed to a child process.

Description: In rare circumstances when a document is passed from a parent to a child process the document is passed to the child process as a document of the same size but made up completely of null (0x00) characters.

When you go back and look at the document in the parent process it is persisted and is readable. The document can be reprocessed.

The parent process has to have low persistence and the step that the document is created in needs to be not persisted.

The issue is a timing issue. The document can be sent to the to the child process before it is persisted. As there is no persisted document, the child ends up with a document that is all nulls. This is rare and only shows up under heavy load and only in instances where the parent process is not persisting the document in the step in which it is being created.

Error Message: There is no error when kicking off the child process, although the document is not what is expected and may cause errors later in the workflow.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Workflow Engine

Escalation ID: 00129697

Fix ID: 214174, 233574

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX9727

Title: Sterling B2B Integrator 5.0 5003 - Business Process restart starts the inline BP instead of the parent BP

Description: The customer has a Business Process (BP) which itself makes an inline invoke to another BP. Occasionally, that BP fails and goes into a Halted state within the inline BP steps (for an expected reason). The customer attempts to restart the BP, fully expecting the first step of the new BP to be the parent BP, however we notice the first step is actually of the child BP (the inline BP). This happens very sporadically however it causes an error when it does happen.

This issue did not occur in Gentran Integration Suite 4.3.

Error Message: No specific error is logged, however you do notice that the BP getting restarted is actually the inline BP rather than the parent.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Workflow Engine

Escalation ID: 179996

Fix ID: 221969, 233691

Severity: Normal

Type: NormalFix

Build: 5006, 5101

InQuira ID: NFX6086

Title: noapp.properties file documentation says default value for debug is false, but default value is youbet.

Description: The Sterling B2B Integrator 5.0 documentation for properties files on noapp.properties says "Specifies whether to print debug messages into the noapp.* logfiles. The default value is false." If you open the noapp.properties file in Sterling B2B Integrator 5.0, it specifies debug = youbet .

Example

```
# BASIC SERVER CONFIGURATION
```

```
url = http://servername:46900/ws/login.html
```

```
uiurl = http://servername:46900/ws/?module=platform
```

```
rootRedirect = /ws
```

```
debug = youbet
```

```
log_file = /install_dir/logs/noapp.log
```

```
jetty_impl = org.mortbay.jetty.Server
```

```
web_default_xml = /install_dir/noapp/etc/webdefault.xml
```

```
#jetty_xml = /install_dir/noapp/etc/admin.xml
```

```
encryptClusterID=true
```

Error Message: No error message. Documentation and property files unclear.

Resolution:

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Apply Gentran Integration Suite, Release 4.3 Build 4319 or later.

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Workflow Engine

Escalation ID: 1372257

Fix ID: 174565, 174632, 233235

Severity: Normal

Type: NormalFix

Build: 4319, 5006, 5101

InQuira ID: NFX6275

Title: Timestamp Utility Service is failing with Commit Transaction Error

Description: Timestamp Utility Service is failing with Commit Transaction Error - commit Tran failed. rollback trans. This was a 5 node cluster environment that had multiple Websphere MQ adapters. When restarting nodes ,Timestamp Utility service shows a Commit Transaction Failed error and the bp is halted.The issue however is not specific to cluster. It is also not limited to Timestamp Utility Service.

When multiple WMQ threads which bootstrap workflow threads, nearly 4-6 threads (can be more depending on load) search for the cache and upon not finding it, will attempt to create one. However, the system can have only one such cache and the one created by the last thread will be retained. The cache created by the previous threads get deleted and these threads show the COMMIT failure on the first step execution.

Error Message:

The error message related to the transaction failure appears in noapp.log:

```
[2009-06-07
21:36:27.818] ALL 000000000000 GLOBAL_SCOPE Send waiting for cluster
configuration to complete
[2009-06-07 21:36:27.818]
ALL 000000000000 GLOBAL_SCOPE Send waiting for cluster configuration
to complete
[2009-06-07 21:36:27.834] ALL
000000000000 GLOBAL_SCOPE Found startup.class1=com.servername.woodstock.
jmx.event.SPEventJMXAgentStartup
[2009-06-07
21:36:27.834]
ALL 000000000000 GLOBAL_SCOPE Started com.servername.woodstock.
jmx.event.SPEventJMXAgentStartup
[2009-06-07
21:36:27.834]
ALL 000000000000 GLOBAL_SCOPE Found startup.class2=com.servername.
woodstock.bi.util.EventSchemaRegistrar
[2009-06-07
21:36:27.834]
ALL 000000000000 GLOBAL_SCOPE Started com.servername.woodstock.
bi.util.EventSchemaRegistrar
[2009-06-07
21:36:27.834]
ALL 000000000000 GLOBAL_SCOPE Found startup.class3=com.servername.
woodstock.event.RemoteFactoryStartup
```

```

[2009-06-07
21:36:27.881]
ALL 000000000000 GLOBAL_SCOPE Started com.servername.woodstock.
event.RemoteFactoryStartup

[2009-06-07
21:36:27.881]
ALL 000000000000 GLOBAL_SCOPE Found startup.class4=com.servername.
woodstock.util.jndi.registration.JndiRegistrationStartupImpl

[2009-06-07
21:36:27.881]
ALL 000000000000 GLOBAL_SCOPE Started com.servername.
woodstock.util.jndi.registration.JndiRegistrationStartupImpl

[2009-06-07
21:36:28.381] ALL 000000000000 GLOBAL_SCOPE SQLException in
XAResourceWrapper.commit()

[2009-06-07
21:36:28.381] ALL 000000000000 GLOBAL_SCOPE java.sql.SQLException:
Connection is closed

[2009-06-07 21:36:28.381]
ALL 000000000000 GLOBAL_SCOPE

[2009-06-07
21:36:28.381]
ALL 000000000000 GLOBAL_SCOPE at com.servername.woodstock.
util.frame.jdbc.ConnectionWrapper.commit(ConnectionWrapper.java:182)

[2009-06-07
21:36:28.381]
ALL 000000000000 GLOBAL_SCOPE at com.servername.woodstock.
jta.XAResourceWrapper.commit(XAResourceWrapper.java:174)

[2009-06-07
21:36:28.381]
ALL 000000000000 GLOBAL_SCOPE at com.servername.woodstock.
jta.TransactionImpl.commit(TransactionImpl.java:151)

[2009-06-07
21:36:28.381]
ALL 000000000000 GLOBAL_SCOPE at com.servername.woodstock.
jta.UserTransactionImpl.commit(UserTransactionImpl.java:78)

[2009-06-07
21:36:28.381]
ALL 000000000000 GLOBAL_SCOPE at com.servername.woodstock.
workflow.activity.engine.ActivityEngineHelper.commit(
ActivityEngineHelper.java:2558)

[2009-06-07
21:36:28.381]
ALL 000000000000 GLOBAL_SCOPE at com.servername.woodstock.
workflow.activity.engine.ActivityEngineHelper.
endTransaction(ActivityEngineHelper.java:2656)

[2009-06-07
21:36:28.381]
ALL 000000000000 GLOBAL_SCOPE
at com.servername.woodstock.
workflow.activity.engine.ActivityEngineHelper.
finishTransaction(ActivityEngineHelper.java:538)

[2009-06-07
21:36:28.381]
ALL 000000000000 GLOBAL_SCOPE at com.servername.woodstock.
workflow.activity.engine.ActivityEngineHelper.next(
ActivityEngineHelper.java:378)

[2009-06-07
21:36:28.381] ALL 000000000000 GLOBAL_SCOPE
at com.servername.woodstock.
workflow.queue.WorkFlowQueueListener.doWork(
WorkFlowQueueListener.java:326)

[2009-06-07
21:36:28.381] ALL 000000000000 GLOBAL_SCOPE
at com.servername.woodstock.
workflow.queue.WorkFlowQueueListener.run(
WorkFlowQueueListener.java:202)

[2009-06-07
21:36:28.381] ALL 000000000000 GLOBAL_SCOPE
at com.servername.woodstock.
workflow.queue.WorkFlowQueueListener.onMessage(
WorkFlowQueueListener.java:163)

```

```
[2009-06-07
21:36:28.381]
ALL 000000000000 GLOBAL_SCOPE
at com.servername.woodstock.
workflow.queue.WorkFlowQueueListener.
onMessage(WorkFlowQueueListener.java:149)

[2009-06-07
21:36:28.381]
ALL 000000000000 GLOBAL_SCOPE
at com.servername.woodstock.
workflow.queue.wfTransporter.run(wfTransporter.java:331)

[2009-06-07
21:36:28.381] ALL 000000000000 GLOBAL_SCOPE
at com.servername.woodstock.
workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:496)

[2009-06-07
21:36:28.381] ALL 00000000
```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later.

Cache creation code was placed in a synchronous block to avoid 4-6 threads upon load to try and create cache

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later.

Functional Area: Workflow Engine

Escalation ID: 53785

Fix ID: 194517, 200915, 233314

Severity: Normal

Type: NormalFix

Build: 4322, 5006, 5101

InQuira ID: NFX3772

Title: Child Business Processes are running in Parent's queue instead of configured queue

Description: Child process is occasionally running in parent queue instead of configured queue. It occurs approximately 1% of the time and typically happens under heavy load. Customer is relying on queueWatcher as indication of execution queue.

Error Message: No errors.

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4318 or later

Apply Sterling B2B Integrator, Release 5.0 Build 5006 or later

Apply Sterling B2B Integrator, Release 5.1 Build 5101 or later

Functional Area: Workflow Engine

Escalation ID: 1371253, 148601

Fix ID: 175341, 175340, 221303, 233672

Severity: Normal

Type: NormalFix

Build: 4318, 5001, 5006, 5101