Alcatel BSS Gateway Configuration Distribution Note

Date: 3 April 2009

1 Associated Documents

The following documentation accompanies this release:

1.1 Referenced Documents

Document Name	Document Description
[Install Note]	This document describes the steps required to install and run a Gateway.
[Gateway Framework Distribution Note]	This document provides an overview of the release history of the Gateway Framework.

1.2 Other Related Documents

Document Name	Document Description
N/A	N/A

2 Introduction

You should read this Distribution Note before proceeding to install the Alcatel BSS Gateway, which is referred to as the Vendor Gateway.

This Distribution Note provides an overview of the release history of this Gateway.

3 Operating System Support

The Vendor Gateway is built using the generic Gateway Framework. The Vendor Gateway is currently supported on the platforms as in the Gateway Framework Distribution Note.

4 Perl Version

The Vendor Gateway supports Perl version 5.6.1.

5 Gateway Framework

The Vendor Gateway requires the Gateway Framework release 3.3 and above.

See [Gateway Framework Distribution Note].

The Gateway Framework and Vendor Gateway release and installation have been decoupled into separate packages and procedures.

See [Install Note].

6 Release History

6.1 Release 3.4.1

Release date 3 April 2009.

Listed below is a summary of the bugs fixed in this release.

Bug#	Description
81312	TYPE_93 not produce in Solaris platform

6.2 Release 3.3.1

Release date 1 November 2007.

Listed below are the enhancements for this release.

#	Description
1	Include modules directory for Vendor Gateways

Listed below is a summary of the bugs fixed in this release.

Bug#	Description
57397	Core issues with error handling and log level settings
57319	Parser does not process TYPE 03 data correctly
57038	Large pt file created when "Can't set the position past the end of the record" is found in the log
56922	Alcatel BSS Binary Parser not parsing out all the repeated blocks of TYPE_1130
56702	parser can go in an infinite loop resulting in .pt files to grow in size which in turns increases their disk usage
56256	Type 180 are not all correctly decoded
56184	Type 1135 are not all correctly generated
56183	Type 1130 does not output in Alcatel GSM BSS B9

Note:
The VENDOR_GATEWAY environment variable must be set to include the modules directory in the path before running Gateway, e.g.:

```
VENDOR_GATEWAY=${GATEWAY_ROOT}/modules/alcatel-bss
```

6.3 Release 3.3.0

Release date 1 August 2007.

Listed below is a summary of the enhancements in this release.

#	Description
1	Blue Wash
2	Additional PM File Type 32, 33 and 34 for v9.0 data

Known Issues:
The LOG_LEVEL must be set a minimum of 2 and above. LOG_LEVEL 1 and below causes the parser to output an extra line in the data block.

6.4 Release 3.0.1

Release 10 March 06

Listed below is a summary of the bugs fixed in this release.

Bug#	Description
54641	Alcatel BSS Gateway now handles compressed files
54657	Alcatel BSS Gateway now handles 0 cells in the type 31 data
45368	Compressed hierarchy files now supported
45369	Compressed data files now supported
54665	Alcatel BSS now support 3 byte type mapping.
54328	Ruletype TYPE_110 now properly configured.
45367	Type 3120 counter values now correct for v8.0 data
44574	FILE_BLOCK_SPLIT.pm cannot parse Alcatel TYPE_31 data files
41964	Correct BLOCKNAMES for alcatel types now outputted
45370	Now removes uncompressed file if incorrect version of the parser rule.
47498	Alcatel BSS now uses system difftime call to handle GMT DIFF
48512	Block 3120 and 3121 now include extra keys during joins to ensure output.
53186	Now works with more than one BSSConfig file setup.
54225	Gateway not supporting B9 data due to change in BSS Configuration file format.

Listed below is a summary of the enhancements in this release.

Enhancement #	Description
1	Support for Alcatel BSS version 9.0 performance data.

6.5 Release 3.0.0

Release date 25 June 2004.

Listed below is a summary of the bugs fixed in this release.

Bug#	Description
41009	Now uses the counter name "START_DATE" instead of PM reserved word "DATE" in PIF header data.
39173	Now handles abrupt endings in faulty hierarchy files correctly.
41700	TYPE_110.pm rule configurations now all ported to the EngineConfig.pm rule instance.

Listed below is a summary of the enhancements in this release.

#	Description
1	Support for Alcatel BSS version 8.0 performance data.
2	Upgrade to 3.0 Gateway Framework.
3	New Alcatel BSS Gateway User Guide.

6.6 Release 2.3.0

Release date 9 June 2003.

Listed below is a summary of the bugs fixed in this release.

Bug#	Description
15621	Remove auto uppercase of all Ids
16136	Request for additional integrity checking of files as they are processed. Code is already there with numbers so they just need to

	be checked, one against the other
24751	Add BTS_NAME to list of non additive counters so it is not corrupted in post parser rule.
28016	Problem with handling of shorts in c code. Description includes fix information.
28850	Configuration naming of counter incorrect, does not match vendor document.
32454	Co-Existing support for Perl 5.004 and Perl 5.6.1 removed. Now only supports Perl 5.6.1.
32461	Network configuration file output now uniquely named using OMC.
32462	Parser engine rule does not correctly remove raw files if an input storage directory is not being used.
32465	Bug in configuration shipped with parser. The counters "Number of Unusable Samples" & "Total Number of Samples" have now been removed from the configuration.
32513	Co-Existing support for Perl 5.004 and Perl 5.6.1 removed. Now only supports Perl 5.6.1.
33097	The closing end block tags are incorrect in PIF files with multiple blocks.
33799	File type TYPE_31 is now parsed correctly. Engine now translates type 31 to block type 3100 (Multiple 100 support).
33800	The BSS min and max version has been expanded to 50 and 90 respectively for Alcatel BSS v7.2.

Listed below is a summary of the enhancements in this release.

Bug#	Description
34074	TYPE 31 data bytes are encoded differently to all other Alcatel BSS Types as big endian. Support for big endian transformation is required.
34075	The parser now outputs all block names as the block type (3100,3100,3115) rather than the general type. Types with two blocks(180 still retain the generic type as block name.
34076	To allow post processing each of the component types are output to separate files. This is done using a new post parser rule.
34077	Type 31 hand-over measurements (types 3120 & 3121) have a different structure to the other hand-over measurements (type 180 etc). A counter repeating functionality is included for a configured section of these blocks.

6.7 Release 2.1.0

Release Date 11 Oct 2002.

Listed below is a summary of the enhancements in this release.

Bug#	Description
N/A	Upgrade Alcatel BSS 7.0 Gateway with 7.2 data formats
N/A	Update Alcatel BSS Gateway docs for 7.2
N/A	Upgrade to Gateway framework to v2.1
N/A	Include support for Perl 5.6.1

7 Type(s) and release(s) supported

The Gateway has been tested for:

Vendor Performance data	Type	Release
Alcatel	BSS	V9.0, v8.0, v7.2, v7.0, v6.0

8 Hierarchy input files

Scope	Attended Format/Syntax
Input files names to expect	Hierarchy EG BSSConf.OMC3.20020808110942
Input file formats to expect	ASCII
Equipment/devices to expect data	Operations & Management Platform (GSM) – means of interfacing with GSM Wireless Networks for the collection and reporting of service measurements.
Extraction mechanism	GSM produces data for all the BSS components.

9 Raw input files

Scope	Attended Format/Syntax
Performance Measurement File Types	TYPE1, TYPE2, TYPE3, TYPE4, TYPE5, TYPE6, TYPE7, TYPE8, TYPE9, TYPE10, TYPE11, TYPE12, TYPE13, TYPE14, TYPE15, TYPE18, TYPE19, TYPE25, TYPE26, TYPE27, TYPE28, TYPE29, TYPE30, TYPE31, TYPE32, TYPE33, TYPE34, TYPE110 and TYPE180
Input files names to expect	These can vary and the Gateway can be configured with the appropriate Perl RE that will match files with the correct rule for that file type. EG. PMRES110.06A.81.172009803_Baden.2002-08-08.07:02:18.11.82 PMRES180.01A.81.172009803_Baden.2002-08-08.10:40:01.16.82
Equipment/devices to expect data from	Operations & Management Platform (GSM) – means of interfacing with GSM Wireless Networks for the collection and reporting of service measurements.
Extraction mechanism	GSM produces data for all the BSS components.