
Release Notes

Prospect® 8.0.6 P1 (8.0.6.1) – 2009/04/01



DOCUMENT CONTROL

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1 Description

Prospect® 8.0.6 P1 is a patch release for Prospect. Prospect® 8.0.6 P1 is a cumulative release and can only be applied on Prospect® 8.0.6 in order to bring a system up to the 8.0.6 P1 release point.

Check you have the prerequisite version installed on your system, by running the `show_installed` command. Note that 8.0.6 release is displayed as 8.0.6.0.

For customers previously on the 8.0.5 environment; 8.0.6 P1 includes equivalent functionality that was previously delivered in 8.0.5 P6, 8.0.5 P7 and 8.0.5 P8.

This patch introduces the solutions for APARS IZ43835, IZ47230, IZ45599, IZ45463 and IZ45459, and report generation performance is improved through valnt00077159.

2 Resolved Issues

This release includes the following resolved issues:

DDTS or ClearQuest / APAR	Released in	Description
The highlighted issues are solutions that have been introduced in 8.0.6 P1		
valnt00078627 / IZ43835	8.0.6 P1	DAILY SUMMATIONS FAIL WHEN THE LASTAVAIL TIME STAMP MM:SS IS OTHER THAN THE EXPECTED 00:00.
valnt00081711 / IZ47230	8.0.6 P1	AFTER CORE 8.0.6 UPGRADE, REPORTS ARE FAILING BECAUSE OF RSDATASERVERS CORE DUMPING.
valnt00080972 / IZ45459	8.0.6 P1	NO ERRORS WHEN THE MIDDLEWARE IS STARTED WITHOUT THE LISTENER
valnt00080966 / IZ45463	8.0.6 P1	ALL SOFT ALARM PROCESSING JOBS FAIL AFTER ORA-08103
valnt00080969 / IZ45599	8.0.6 P1	SUMMARY JOB TAKES LONG TIME TO COMPLETE ON AT&T's UMTS SERVER.
valnt00077159	8.0.6 P1	Improve classic report generation performance
The following solutions were previously delivered in 8.0.5 patches as described in Section 1		
valnt00067170	8.0.6 P1	Modify enrich procedures to get RNC LAC from UtranCell
valnt00071220	8.0.6 P1	Soft alarm: bscname field is NULL for RNCs
valnt00040602 / IZ19684	8.0.6 P1 client	STATUS_QT TABLE FILLING UP WITH CLIENT REPORT DOWNLOAD ERRORS
valnt00053125 / IZ31686	8.0.6 P1 client	NEGATIVE NUMBERS NOT ALLOWD IN CRITERIA FIELD WHEN BUILDING TEMPLATES
valnt00072289	8.0.6 P1	Scenario_AD may deadlock
valnt00072881	8.0.6 P1	Remove the saext_kpi_tab dependency in the saext package
valnt00073070	8.0.6 P1	Disable sa logging in the event handler log
valnt00073088	8.0.6 P1	Update SARun to allow RS timeout to be configured via .profile.custom
valnt00073610 / IZ39994	8.0.6 P1	Exclude periods does not work for soft alarms
valnt00073666 / IZ40624	8.0.6 P1	INSTALL OF PATCH FAILS ON MULTI-SCHEMA SERVER WITH PORT # THAT ARE SUBSTRING OF ANOTHER INSTALL
valnt00065865 / IZ36899	8.0.6 P1	NUMHOURS PEG DOES NOT WORK IN STORED SUMMATION REPORTS
valnt00073064	8.0.6 P1	Close db link when receiving ORA-2396/2399 in SAEXT
valnt00074508 / IZ41012	8.0.6 P1	Weekly and monthly summations are failing
valnt00074511 / PMR77932	8.0.6 P1	SAEXT RNC enrich functions too slow
valnt00075091	8.0.6 P1	DXS tables not created in some cases
valnt00075404 / PMR76009	8.0.6 P1	Modify status to skip enqueue if not logging
valnt00075962	8.0.6 P1	PartMaint slow due to holding lock more than is needed
valnt00075985	8.0.6 P1	BH slow due to holding lock for more than is needed
valnt00075990	8.0.6 P1	Allow wmpm to set VM check above 90%
valnt00076839	8.0.6 P1	Restructure table exclusion check, remove update_part_tasklocks
valnt00076845	8.0.6 P1	Remove update locks from BH and SM
valnt00054105 / IZ32495	8.0.6 P1	New tables dxc and dxs used in summation needs to enable monitoring for partition maintenance to move and analyze

3 Installation and Upgrade Instructions

This section describes how to install the Prospect patch, 8.0.6 P1.

In order to completely support External Soft Alarms, this patch consists of two packages: one for Prospect server, 8.0.6-PROSPECT-IF0001-server.tar.gz, and one for Prospect Client, 8.0.6-PROSPECT-IF0001-client.zip.

This patch can be uninstalled (see sections 3.1.7 and 3.2.2).

3.1 Installing Prospect Server

This section explains how to install the 8.0.6 P1 Prospect server.

3.1.1 Network Timeouts

If your system has a security policy in place such that a session is disconnected after a lengthy period of apparent inactivity, you should disable it during this upgrade. There is the possibility that an upgrade can take a while to run. Since no user input is required during the most of the upgrade, this can make the upgrade session appear idle. If timeouts are not disabled, the upgrade terminal could be disconnected during the upgrade.

3.1.2 Installation Privileges Required

<i>Privilege</i>	<i>Required</i>
Oracle flexpm user DBA role	No
UNIX flexpm user in DBA group	Yes
Root privilege required	No
Oracle sys user password set to default (change_on_install)	No

3.1.3 Install Procedure Syntax

```
install.sh [ -install | -uninstall | -help ]
-install : installs the wmn_pkgb.sql
-uninstall : removes the current hotfix file version and replaces
it with the previous version
-help : help
```

The scripts depend on \$DB_CONNECT, make sure you have this setup correct.

3.1.4 Pre-Installation Instructions

3.1.4.1 Pre-Install Procedure

1. Login as flexpm and verify \$FLEXPM_HOME is set.

```
$ echo $FLEXPM_HOME
```

 If there are multiple Prospect installations on the server,

-
- source the .profile for the Prospect installation for which this patch should be applied.
2. Copy 8.0.6-PROSPECT-IF0001-server.tar.gz into \$FLEXPM_HOME.
 3. Uncompress the file.
\$ gunzip 8.0.6-PROSPECT-IF0001-server.tar.gz
 4. Untar the package. It will create a subdirectory (patches/Core8.0.6_P1) in \$FLEXPM_HOME and untar the files in to this directory.
\$ gtar -xvpf 8.0.6-PROSPECT-IF0001-server.tar
 5. Install the Patch by following the instructions in Section 3.1.5 below.

3.1.5 Installation Instructions

Important! If there are no errors from the Pre-Installation section, then continue with the following steps:

1. Login as flexpm and verify \$FLEXPM_HOME is set.
\$ echo \$FLEXPM_HOME
If there are multiple Prospect installations on the server, source the .profile for the Prospect installation for which this patch should be applied.
2. Go to \$FLEXPM_HOME/patches/Core8.0.6_P1 directory.
\$ cd \$FLEXPM_HOME/patches/Core8.0.6_P1
3. If Prospect Web is accessing this Prospect installation, then use the admin tool to disable the corresponding datasource.
4. Install the patch.
\$ install.sh -install 2>&1| tee install.log

Note: the patch installation program will automatically stop the middleware, install the patch files, and restart the middleware.

3.1.6 Post-Installation Instructions

3.1.6.1 Resource the Profile

If you have not done so already, log off and log on as flexpm.

3.1.6.2 Re-enable the datasource in Prospect Web

Once the installation has completed, re-enable the datasource in Prospect Web (if you disabled it before starting the patch installation)

1. If you disabled any datasources in step 3.1.5.3, then use the admin tool to re-enable them.

3.1.7 Uninstall Procedure

1. Login as flexpm and verify \$FLEXPM_HOME is set.
\$ echo \$FLEXPM_HOME
If there are multiple Prospect installations on the server, source the .profile for the Prospect installation for which this patch should be applied.
2. Go to \$FLEXPM_HOME/patches/Core8.0.6_P1 directory.
\$ cd \$FLEXPM_HOME/patches/Core8.0.6_P1
3. If Prospect Web is accessing this Prospect installation, then use the admin tool to disable the corresponding datasource.
4. Remove the patch.
\$ install.sh -uninstall 2>&1| tee uninstall.log
5. If you disabled any datasources in step 3.1.7.3, then use the admin tool to re-enable them.

Note: the patch un-installation program will automatically stop the middleware, uninstall the patch files, and restart the middleware.

3.2 Installing Prospect Client

This new client version, 8.0.6.1, fixes the APARS listed in the *Resolved Issues* section on page 5 of this document.

3.2.1 Installation Instructions

1. Copy 8.0.6-PROSPECT-IF0001-client.zip on your Windows system in a temporary directory.
2. Unzip 8.0.6-PROSPECT-IF0001-client.zip.
3. Go to the directory where you unzipped the file and run setup.exe

The installer creates the necessary system and application files, updates the system's registry, and adds entries to Windows START menu.

3.2.2 Uninstall Procedure

To uninstall the Prospect client, use the ADD/REMOVE PROGRAMS component of the Windows Control Panel.

4 Useful Hints

4.1 New Configuration Options

4.1.1 External Soft Alarms

For information on the External Soft Alarms feature please refer to page 215 in the [Prospect® 8.0.6 Administration Guide](#).

For detailed instructions for configuring External Soft Alarms please refer to section 3.8 of the [Prospect® 8.0.6 Installation Guide](#).

These guides can be found in the Prospect® 8.0.6 documentation set online at http://publib.boulder.ibm.com/infocenter/tivihelp/v8r1/index.jsp?topic=/com.ibm.netcool_pm.doc/prospect_806_docpage.html

4.1.2 `part_tablespace.sh` cli

This patch contains the feature that enhances the granularity of parallel execution during the Analyze phase of `part_maint` process. This way, it improves the performances of Analyze phase of `part_maint` process.

In order to handle the data manipulation for this feature, a new cli called `part_tablespace.sh` has been introduced. Following the cli usage:

```
part_tablespace.sh -O
```

```
part_tablespace.sh -S [ -T <tablespace> | -t <table> ] [ -m <degree> | -s <degree> ]
```

```
part_tablespace.sh -h
```

Where:

```
-O           : output
-S           : set
-T <tablespace> : for the specified tablespace
-t <table>    : for the specified table
-m <degree>   : move parallelism degree during part_maint activity
-s <degree>   : analyze parallelism degree during part_maint activity
              : <degree> = 0: reset value (use the upper hierarchy level)
              : <degree> = 1: disable parallelism for specified tablespace/table
              : <degree> = >1 && <99: apply specified parallelism
-h           : help, show usage
```

For appropriate parameter settings, please, contact IBM Customer support.

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5 Customer Support

Contact IBM Customer Support if a problem is encountered during the installation of this patch.

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