Release Notes

Prospect® 8.0

Lucent UMTS 6.0.9.1.10 (RP9.1 IF0010)

Vallent™

DOCUMENT CONTROL

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Build: 1

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1 Description

This document provides information on the Prospect® 8.0 for Lucent UMTS RP9.1 IF0010 release. This release is a patch release designed to increase the performance of the Lucent CallServer and Lucent RNCpm data loading. This release should be installed on a Lucent UMTS installation which has the Lucent UMTS RP9.1 upgrade installed.

2 Compatibility of Prospect Components

The following is a list of components that Prospect is compatible with:

Prospect Component	Version Supported
Prospect Server	8.0.5.0.08
Prospect Client	8.0.5.06
Prospect Web	2.2.5.0.7
Oracle	9i (9.2.0.8 32-bit) and 10g (10.2.0.3 64-bit)
Solaris	9 and 10
Perl	5.6.1
Java	1.5.0_13

The vendor software releases supported are:

Supported Vendor Software
Lucent UMTS RAN 03.01 (including XML Bulk CM file), 03.03.03, 04.03, R5.0, r5.1
Lucent UMTS SGSN 03.03.03, 04.01
Lucent UMTS Call Server 03.03.03, 04.01/R13, 04.04/R14, 04.04.02/R14
LucComExtra – based on SOW14 & SOW15 architecture & design document
Lucent UMTS WMS RNC C-Node and I-Node UA6.0 (XML format)
Lucent UMTS OneBTS (UA6.0)
Lucent UMTS CM Snapshot (UA6.0)

3 Resolved Issues

Following is a list of problems present in the previous release that have been resolved.

ClearQuest / SRS or APAR	Sev	Description
valnt00068983	3	Performance Enhancement -- Find_instance update_label tuning
valnt00068984	3	Performance Enhancements -- the pre - parser Perl script for RNCpm
valnt00068985	3	jloader meta-data creation needs to be included in the release to support the PK Swap feature

4 Installation Instructions

4.1 Prerequisites

4.1.1 Environment path

Prospect installations will no longer ship with the `gtar`, `gunzip` or `gzip` binaries. These are installed with Solaris 9 and Solaris 10.

Make sure that `/usr/bin` and `/usr/sfw/bin` are in your path. Enter the following commands to locate `gtar`, `gunzip` and `gzip`:

```
$ which gtar
$ which gunzip
$ which gzip
```

These commands return the path to `gtar`, `gunzip` and `gzip` on your system. If these utilities are not found, add `/usr/sfw/bin` to the path in your .profile file.

4.1.2 Perl Version

Make sure that /usr/perl5/5.6.1 is on your server. Type the following command to verify:

```
$ /usr/perl5/5.6.1/bin/perl -v
```

The first line of the output should show:

```
This is perl, v5.6.1 built …
```

If an error is received as below, please contact system administrator to install Perl 5.6.1.

```
ksh: /usr/perl5/5.6.1/bin/perl:  not found
```

4.1.3 Java Version

Make sure that the java is version 1.5.0_13 and above. Type the following command to check the java version.

```
$ java -version
java version "1.5.0_13"
Java(TM) 2 Runtime Environment, Standard Edition (build
1.5.0_13-b03)
Java HotSpot(TM) Server VM (build 1.5.0_13-b03, mixed mode)
```

If the installed version is earlier than required, some scripts might not run, or might produce incorrect results.

4.1.4 Baseline Requirements

The base environment that this patch should be applied against:

- A Prospect® 8.0 for Lucent UMTS installation at patch level RP9.1

You can check the current installed version by running the following command as the Prospect Unix user:

```
$ show_installed
```

This will produce output similar to the following:

```
COMPONENT                             INSTALL_TY INSTALL_DATE
------------------------------------- ---------- --------------
CORE Prospect rev 8.0.5.4 b4          PATCH      08-NOV-19 14:38:18
CORE Prospect rev 8.0.5.0 b8          INSTALL    08-NOV-19 13:50:49
CORE Prospect rev 8.0.5.2 b1          PATCH      08-NOV-19 13:54:53
VENDOR LucComExtra rev 5.0.8.0.0 b3   INSTALL    08-NOV-19 14:12:55
VENDOR LuUTRAN rev 6.0.9.1.0 b3       UPGRADE    08-NOV-19 16:09:39
VENDOR LuUMTS_SGSN rev 5.1.9.0.0 b2   INSTALL    08-NOV-19 14:04:50
VENDOR LuUMTS_CS rev 5.1.9.0.0 b2     INSTALL    08-NOV-19 14:12:37
```

Note: The output may have more components installed than the example given here if optional components are installed. The versions (rev) of CORE Prospect and VENDOR module must be greater than or equal to those shown. The build number (b2) and install type (INSTALL or UPGRADE) for each component is unimportant. The install dates will be different from those shown.

Important! It is critical that you apply this patch to an environment at the correct patch level. Please verify the environment carefully. For more information, please contact IBM customer support.

4.2   Installation Privileges Required

4.2.1 Upgrade

The following privileges are required for an upgrade.

Privilege	Required
Oracle flexpm user DBA role	Yes
Root privilege required	No
Oracle sys user password set to default (change_on_install)	No

4.3   Pre-Installation Instructions

1. Log in as user `flexpm` and source the .profile for the Lucent UMTS installation (if you have not already done this).

    To check if the correct profile has been sourced, running the command `show_installed` should result in the following output being displayed:

    ```
    COMPONENT                              INSTALL_TY INSTALL_DATE

    -------------------------------------- ---------- --------------

    CORE Prospect rev 8.0.5.4 b4           PATCH      08-NOV-19 14:38:18

    CORE Prospect rev 8.0.5.0 b8           INSTALL    08-NOV-19 13:50:49

    CORE Prospect rev 8.0.5.2 b1           PATCH      08-NOV-19 13:54:53

    VENDOR LucComExtra rev 5.0.8.0.0 b3    INSTALL    08-NOV-19 14:12:55

    VENDOR LuUTRAN rev 6.0.9.1.0 b3        UPGRADE    08-NOV-19 16:09:39

    VENDOR LuUMTS_SGSN rev 5.1.9.0.0 b2    INSTALL    08-NOV-19 14:04:50

    VENDOR LuUMTS_CS rev 5.1.9.0.0 b2      INSTALL    08-NOV-19 14:12:37
    ```

    Note: The output may have more components installed than the example given here if optional components are installed. The versions (rev) of CORE Prospect and VENDOR module must be greater than or equal to those shown. The build number (b2) and install type (INSTALL or UPGRADE) for each component is unimportant. The install dates will be different from those shown.

2. Go to the directory $FLEXPM_BASE:

    `$ cd $FLEXPM_BASE`

3. Copy the file `6.0.9.1-TIV-PROSPECT-LUUMTS-IF0010.tar` to this directory.

4. Untar the package. It will create a subdirectory (`patches/6.0.9.1.10`) in `$FLEXPM_BASE` and untar the files into this directory:

    `$ tar -xvf 6.0.9.1-TIV-PROSPECT-LUUMTS-IF0010.tar`

    Install the patch by following the instructions below.

4.4   Installation Instructions

1. Log in as user `flexpm` and source the .profile for the Lucent UMTS installation (if you have not already done this).

2. Go to the directory $FLEXPM_BASE/patches/6.0.9.1.10:

    ```
    $ cd $FLEXPM_BASE/patches/6.0.9.1.10
    ```

3. Stop the `sentry` from running

    ```
    $ ps-mgr stop sn
    ```

4. Install the patch.

    ```
    $ ./install.sh -install 2>&1 |tee install.log.$$
    ```

5. Review the install log file. Contact IBM support if you have any queries

6. Start the `sentry`:

    ```
    $ ps-mgr start sn
    ```

4.5   Uninstall Procedure

This patch can be uninstalled by performing the following steps:

1. Log in as user `flexpm` and source the .profile for the Lucent UMTS installation (if you have not already done this).

2. Stop the `sentry` before uninstalling the patch.

    ```
    $ ps-mgr stop sn
    ```

    Go to the directory `$FLEXPM_BASE/patches/6.0.9.1.10`

    ```
    $ cd $FLEXPM_BASE/patches/6.0.9.1.10
    ```

3. Uninstall the patch.

    ```
    $ ./install.sh -uninstall 2>&1 |tee uninstall.log.$$
    ```

4. Restart the `sentry`.

    ```
    $ ps-mgr start sn
    ```

5 Customer Support

Contact IBM customer support if a problem is encountered during the installation of this patch or release.

6 Manifest

`patches/6.0.9.1.10/LuUMTS_CS.build`

`patches/6.0.9.1.10/LuUTRAN.build`

`patches/6.0.9.1.10/install.sh`

`patches/6.0.9.1.10/sources/LuUTRAN/vendor/Lucent/UTRAN/1.3/LuUTRAN_loader/RNC_CN/scripts/jloader/dopop.sql`

`patches/6.0.9.1.10/sources/LuUTRAN/vendor/Lucent/UTRAN/1.3/LuUTRAN_loader/Common/scripts/XML3gppParser.pl`

`patches/6.0.9.1.10/sources/LuUTRAN/vendor/Lucent/UTRAN/1.3/LuUTRAN_loader/RNCpm/scripts/preProcess.pl`

`patches/6.0.9.1.10/sources/LuUTRAN/vendor/Lucent/UTRAN/1.3/LuUTRAN_loader/RNCpm/scripts/PreProcess/PLM_LUCENT_UMTS_RNC.pm`

`patches/6.0.9.1.10/sources/LuUMTS_CS/vendor/Lucent/UMTS_CS/Network/wm_cs_sm_find_instance_pkgb.sql`

Service Management   Performance Management   Professional Services