

Release Notes

Prospect® 8.0

Lucent IMS RP2



DOCUMENT CONTROL

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1 Description

This document provides details on the use of tar bundle `6.1.2.0-TIV-PROSPECT-LUCIMS-IF0000.tar`.

The `6.1.2.0-TIV-PROSPECT-LUCIMS-IF0000.tar` file contains the components required to upgrade:

- A Prospect® for Lucent IMS 3.1.1.0.0 (RP1) installation to release level 6.1.2.0.0 (RP2)
- The IBM Virtuo Mediation 4.0 – Lucent IMS HSS Vendor Mediation package to support .Z compressed files.

2 Upgrade Preparation Instructions

2.1 Tar File Extraction

The following instructions detail how to extract the components from the `6.1.2.0-TIV-PROSPECT-LUCIMS-IF0000.tar` tar bundle on a Solaris server.

Note: *The upgrade components can be extracted from the tar bundle on any operating system which supports tar files, it is not required to do this in Solaris, but only instructions for a Solaris operating system are given.*

1. Login to the Prospect server running Prospect for Lucent IMS 3.1.1.0.0.
2. Go to any location on the server where you have write permission. E.g.

```
$ cd /tmp
```
3. Make a directory to copy the `6.1.2.0-TIV-PROSPECT-LUCIMS-IF0000.tar` file into and extract the contents of the file into.

```
$ mkdir 6.1.2.0-LUCIMS-IF0000
```
4. Copy the `6.1.2.0-TIV-PROSPECT-LUCIMS-IF0000.tar` into this directory
5. Untar the files from the `6.1.2.0-TIV-PROSPECT-LUCIMS-IF0000.tar`. This will extract 3 files (`Lucent_IMS_6.1.2.0.0.4_SunServer_UP.iso`, `1.0.0.0-TIV-VM-LucentIMSHSS_IF0001.Release-Notes.pdf`, and `1.0.0.0-TIV-VM-LucentIMSHSS_IF0001.tar`) from the tar bundle into the current directory.

```
$ cd /tmp/6.1.2.0-LUCIMS-IF0000
```

```
$ tar -xvf 6.1.2.0-TIV-PROSPECT-LUCIMS-IF0000.tar
```

2.2 Virtuo Mediation Upgrade

Please refer to the Virtuo Mediation release notes `1.0.0.0-TIV-VM-LucentIMSHSS_IF0001.Release-Notes.pdf` for details on installing the Virtuo Mediation - Lucent IMS HSS upgrade.

2.3 Prospect for Lucent IMS 6.1.2.0.0

The ISO image `Lucent_IMS_6.1.2.0.0.4_SunServer_UP.iso` contains the Prospect® for Lucent IMS 6.1.2.0.0 (RP2) upgrade.

There are 2 ways with which the ISO image can be used to perform the upgrade to the Prospect® for Lucent IMS server.

Method 1: Burn the ISO image to a CD-ROM

This is the recommended method for using the ISO image

Lucent_IMS_6.1.2.0.0.4_SunServer_UP.iso provided in the 6.1.2.0-TIV-PROSPECT-LUCIMS-IF0000.tar bundle.

The ISO image can be burnt directly to a CD-ROM from within Solaris or it can be transferred to an alternative system for burning to disc using your preferred CD burning software.

Note: *The ISO image must be burnt as a disc image and not as a file onto the disc.*

To burn a CD directly within Solaris the `cdrw` application can be used. E.g.

```
$ cdrw -i \  
/tmp/6.1.2.0-LUCIMS-IF0000/Lucent_IMS_6.1.2.0.0.4_SunServer_UP.iso
```

Note: *If you have multiple CD-ROM drives attached to the system then you will need to provide the destination drive to write the ISO image to. Please refer to the man pages for `cdrw` for more detailed instructions.*

The CD-ROM created can now be used as a standard upgrade CD-ROM for Prospect.

Method 2: Mount the ISO image as a read-only file system

The ISO image Lucent_IMS_6.1.2.0.0.4_SunServer_UP.iso can be mounted as a read only file system within Solaris using the `lofiadm` command to create a loopback file device and then this can be mounted as a read only file system.

Note: *Mounting the ISO image as a read only file system will require root privileges on the Solaris server.*

1. Login to the server running Prospect® for Lucent IMS 3.1.1.0.0 as the `flexpm` user and source the `.profile` for Lucent IMS
2. Go to the `$FLEXPM_BASE` directory and make a directory for the ISO image

```
$ cd $FLEXPM_BASE  
$ mkdir 6.1.2.0-LUCIMS-IF0000
```

3. Copy the ISO image into this directory.

```
$ cp \  
/tmp/6.1.2.0-LUCIMS-IF0000/Lucent_IMS_6.1.2.0.0.4_SunServer_UP.iso \  
$FLEXPM_BASE/6.1.2.0-LUCIMS-IF0000
```

4. Login to the Prospect® for Lucent IMS server under a user with sufficient permissions to run the `lofiadm` and `mount` commands.
5. Create a loopback device from the ISO image:

```
$ lofiadm -a \  
$FLEXPM_BASE/6.1.2.0-LUCIMS-IF0000/Lucent_IMS_6.1.2.0.0.4_SunServer_UP.iso
```

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This should return a value such as:

```
/dev/lofi/1
```

6. Mount the device to /mnt (or any appropriate mount point):

```
$ mount -F hsfs -o ro /dev/lofi/1 /mnt
```

7. Under the flexpm user now install the patch as per the instructions given in the release notes contained on the ISO image mounted to /mnt.

When the upgrade is complete you should unmount the ISO image from the server.

1. Login as a user with sufficient privileges to run `umount` and `lofiadm`.
2. Unmount the device from the system

```
$ /usr/sbin/umount /mnt
```

3. Find the loopback device created from the ISO image

```
$ /usr/sbin/lofiadm | \
  /bin/grep Lucent_IMS_6.1.2.0.0.4_SunServer_UP.iso | \
  /bin/awk '{ print $1 }'
```

This should return a value such as:

```
/dev/lofi/1
```

4. Remove the device

```
$ /usr/sbin/lofiadm -d /dev/lofi/1
```

3 Customer Support

Contact IBM support if a problem is encountered during the extraction of this tar bundle or the preparation and use of the ISO image supplied.

4 Manifest

Lucent_IMS_6.1.2.0.0.4_SunServer_UP.iso

1.0.0.0-TIV-VM-LucentIMSHSS_IF0001.Release-Notes.pdf

1.0.0.0-TIV-VM-LucentIMSHSS_IF0001.tar

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