

HP Configuration Management

OS Manager

for the Windows® operating system

Software Version: 5.1x

Migration Guide

Document Release Date: March 2008

Software Release Date: March 2008



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The title page of this document contains the following identifying information:

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1 CM OS Manager Upgrade Instructions

Use the following information to upgrade your HP OpenView Configuration Management OS Manager (CM OS Manager) environment from version 5.00 to Version 5.10.

To migrate from version 5.00 to version 5.10, you will:

- 1 Update the CM Portal.
- 2 Update the LME class in the CM Configuration Server database.
- 3 Update the CM Configuration Server.
- 4 Update `edmprof.dat` in the CM Configuration Server.
- 5 Update the CM Configuration Server methods.
- 6 Update the CM Proxy Server.
- 7 Update the Boot Server
- 8 Update the CM OS Manager Server.



All of the files you will need are located on the CM OS Manager 5.10 installation media. You must create the CM OS Manager installation media from the `.iso` image stored in the `\OS_Manager` folder on the Configuration Management 5.10 media.

- 9 Update the CM Administrator.

Task 1 Updating the CM Portal

Use the *HP OpenView Configuration Management Portal Migration Guide* to upgrade to CM Portal version 5.10.



You must use the same zone name during the installation of the CM Portal Version 5.10 as you did during the 5.00 installation.

Task 2 Updating the LME class in the CM Configuration Server Database

- 2 Stop the CM Configuration Server service.
- 2 Go to a command prompt and change to the CM Configuration Server's bin directory.
- 3 Run

```
ZEDMAMS  
VERB=CHANGE_FIELDNAME, DOMAIN=OS, CLASS=LME, FROMNAME=SVCOS, TONAME=ELGBLSOS
```

Task 3 Updating the CM Configuration Server



After you upgrade, any customizations made to `rombl.cfg` in the LSB package will be lost. Use the CSDB Editor to save the existing `rombl.cfg` (right-click the file and use the **Edit this Component** option).

Use the *CM Configuration Server and Database Migration Guide* for instructions to upgrade the CM Configuration Server database to version 5.10.

Task 4 Updating edmprof.dat in the CM Configuration Server

- 1 Open edmprof.dat in the CM Configuration Server's bin directory
- 2 In the [MGR_ROM] section
 - Set PORTAL_HOST to the IP address for the CM Portal.
 - Set DISPLAYNAME to the same value as the DISPLAYNAME attribute in `SystemDrive:\Program Files\Hewlett-Packard\CM\IntegrationServer\etc\roms.cfg`. This ensures that the display name for the device is updated when the CM OS Manager Server interfaces with CM Portal. If you chose the default during the installation, set this to **COMPNAME**.
- 3 Save and close edmprof.dat

Task 5 Updating the CM Configuration Server Methods

When running the CM Configuration Server 5.10 you must update the methods so that they will work with the CM OS Manager.

- 1 Copy all files from `\Migration\configuration_server\bin` to
`SystemDrive:\Program Files\Hewlett-Packard\CM\ConfigurationServer\bin`
- 2 Copy all files from
`\Migration\configuration_server\modules` to
`SystemDrive:\Program Files\Hewlett-Packard\CM\ConfigurationServer\modules`

Task 6 Updating the Proxy Server

Use the *HP Configuration Management Proxy Server Migration Guide* for instructions to upgrade the CM Proxy Server to version 5.10.

Task 7 Updating the Boot Server

- 1 Stop the PXE and Cygwin Inetd services.
- 3 Copy `tftpd.exe` from `\boot_server\win32\media\bootserver` to
`SystemDrive:\Hewlett-Packard\CM\BootServer`.
- 4 Save any customizations you have made to your configuration and default files as they will be overwritten.
- 5 Copy all files and folders from
`\boot_server\win32\media\BootServer\X86PC\UNDI\boot` to
`SystemDrive:\Hewlett-Packard\CM\BootServer\X86PC\UNDI\linux-boot`
and
`SystemDrive:\Hewlett-Packard\CM\BootServer\X86PC\UNDI\linux-boot-prepiz`
- 6 Open `\Hewlett-Packard\CM\BootServer\X86PC\UNDI\linux-boot\linux.cfg\default` and replace `0.0.0.0` with the value for the IP

address of the CM OS Manager Server and put back any customizations you made to your previous files.

```
[OS Manager]
DFLTSVOS=_SVC_LINUX_
ISVR=0.0.0.0:3466
[SVC_LINUX]
KERNEL=bzImage
APPEND initrd=rootfs.gz root=/dev/ram0 rw quiet pci=nommconf
[SVC_PEX86]
PEBCD=rombl.bcd
PEAPPEND=initrd=winpe.wim
```

Apply these updates to all configuration files in the linux-boot directory and in linux-boot-prepwiz\linux.cfg.

Task 8 Updating the CM OS Manager Server

- 1 Stop the service.
- 2 Copy the following files from \common_components:
expandSmbios.tkd
roms_udp.tkd
roms.tkd
to
SystemDrive:\Program Files\Hewlett-Packard\CM
\IntegrationServer\modules
- 3 Copy the following files from \common_components:
Nvdcert.tkd
Httpd.tkd
to
SystemDrive:\Program Files\Hewlett-Packard\CM\IntegrationServer
- 4 Copy the following files from \os_manager_server\win32\media:
Nvdkit.exe
to
SystemDrive:\Program Files\Hewlett-Packard\CM\IntegrationServer
- 5 Delete any existing files from OSM\SOS\linux\payload and OSM\SOS\winpe\payload.
- 6 Copy LNX-51_00000.tgz from the \payload directory on the CM OS Manager media to OSM\SOS\linux\payload and copy WPE-51_00000.tgz to OSM\SOS\winpe\payload.
- 7 Restart the service.

Task 9 Upgrading the CM Administrator

Use the *HP Configuration Management Administrator Migration Guide* for instructions to upgrade the CM Administrator to version 5.10.

Changes to rombl.cfg

In version 5.10, `rombl.cfg` has been modified.

- ISVRPORT has been removed and the port is now specified in the ISVR value.
- The ISVR value is now in the common [OS Manager] section.
- The section [_SVC_PEX86_] has been added for support of the WinPE service operating system.

If you do not want to use an SAP instance to specify the CM OS Manager Server, you can set the value using the ISVR attribute. To do this, use the CM CSDB Editor and update `rombl.cfg` which is located in **PRIMARY.OS.ZERVICE.LSB**. See the *HP CM Administrator User Guide* for details about how to use the CM CSDB Editor.

```
[OS Manager]
DFLTSVOS=
NEXTBOOT=
COMPNAME=
COMPDOMN=
PRIMGDOS=
ISVR=0.0.0.0:3466

[_SVC_LINUX_]
KERNEL=bzImage
APPEND=initrd=rootfs.gz root=/dev/ram0 rw irqpoll pci=nommconf quiet
LOAD=htget.exe -v -o R:\%FILE% http://%FROM%/sos-lsb/%FILE%
FROM=0.0.0.0:3466

[_SVC_PEX86_]
PEBCD=rombl.bcd
PEAPPEND=initrd=winpe.wim
```

Testing Considerations

We recommend that prior to go back into full production environment to test your new OS management infrastructure in a pilot to ensure that your OS management process is working without any issues.