

# HP Client Automation Enterprise

## OS Manager

for the Windows® operating system

Software Version: 7.20

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### Migration Guide

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# 1 Introduction

Use this migration guide to upgrade the Client Automation Enterprise OS Manager:


- from version 5.1x to version 7.20.
- from version 5.0 to version 7.20.
- from version 4.2 to version 7.20.

This guide covers how to migrate the OS Manager only. For migration of other infrastructure product such as the Client Automation Enterprise Configuration Server and Client Automation Enterprise Portal, see the appropriate migration guides.






## 2 Migrating from Version 5.1x

 You must perform the following steps before upgrading your HPCA agent.

To migrate from version 5.1x to version 7.20, you will:


- 1 Update the Portal.
- 2 Update the Configuration Server.
- 3 Update `edmprof.dat` in the Configuration Server.
- 4 Update the Proxy Server.
- 5 Update the Boot Server
- 6 Update the OS Manager Server.

 All of the files you will need are located on the OS Manager 7.20 installation media. You must create the OS Manager installation media from the `.iso` image stored in the `\OS_Manager` folder on the Client Automation Enterprise 7.20 media.


- 7 Update the Administrator.

### Task 1 Updating the Portal

Use the *HP Client Automation Enterprise Portal Migration Guide* to upgrade to the Portal version 7.20.

 You must use the same zone name during the installation of the Portal version 7.20 as you did during the 5.1x installation.

### Task 2 Updating the Configuration Server

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

Use the *HP Client Automation Enterprise Configuration Server and Database Migration Guide* for instructions to upgrade the Configuration Server database to version 7.20.

### Task 3 Updating `edmprof.dat` in the Configuration Server

- 1 Open `edmprof.dat` in the Configuration Server's bin directory
- 2 In the `[MGR_ROM]` section
  - Set `PORTAL_HOST` to the IP address for the 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 OS Manager Server interfaces with Portal. If you chose the default during the installation, set this to **COMPNAME**.

- 3 Save and close `edmprof.dat`.

#### Task 4 Updating the Proxy Server

Use the *HP Client Automation Enterprise Proxy Server Migration Guide* for instructions to upgrade the Proxy Server to version 7.20.

#### Task 5 Updating the Boot Server

- 1 To stop the PXE and Cygwin Inetd services, open a command window and type:  
**sc stop pxe**  
**sc stop inetd**
- 2 Rename the directory `SystemDrive:\Hewlett-Packard\CM\BootServer` (the default Boot Server installation directory in version 5.0) to save any customizations and prevent it from being updated in the next step.
- 3 Run `setup.exe` from `\boot_server\win32` on the HP Client Automation Enterprise OS Manager media. The Boot Server is installed in `SystemDrive:\Hewlett-Packard\CM\BootServer` by default.  
  
Refer to the *Client Automation Enterprise OS Manager System Administrator Guide* for detailed installation instructions.
- 4 If necessary, port any customizations from the Boot Server backup directory that you created in step 2 to the new Boot Server directory `SystemDrive:\Hewlett-Packard\CM\BootServer`.

#### Task 6 Updating the OS Manager Server

- 1 Open a command prompt and go to the current installation directory for the OS Manager Server. The default installation directory was `SystemDrive:\Program Files\Hewlett-Packard\CM\IntegrationServer`.
- 2 Type **sc stop httpd** to stop the Integration Server service that is hosting the OS Manager Server.
- 3 If the Integration Server hosting the OS Manager Server is also hosting another infrastructure server module such as the Proxy Server, perform the steps below.
  - a Open `\IntegrationServer\etc\httpd.rc`.
  - b Comment out the following line: `#module load roms`
  - c Save your changes.
  - d Restart the Integration Service to run the other infrastructure server modules. The OS Manager Server remains stopped.  
If the Integration Server hosting the OS Manager Server is *not* hosting another infrastructure server module:
  - Type **sc delete httpd** to remove the Integration Server
- 4 Install the OS Manager Server from the HPCA 7.20 OS Manager media.



You must use the same Zone name and display name during the installation of version 7.20 as you did during the 5.1x installation.

The OS Manager uses a new port number, 3469, and a new default installation directory, `SystemDrive:\Program Files\Hewlett-Packard\CM\OSManagerServer`.



If you are using Local Service Boot with SAP instances, be sure to modify the port from 3466 to 3469.

### **Task 7** Upgrading the Administrator


Use the *HP Client Automation Enterprise Administrator Migration Guide* for instructions to upgrade the Administrator to version 7.20.

## 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.




## 3 Migrating from Version 5.0

 You must perform the following steps before upgrading your HPCA agent.

To migrate from version 5.0 to version 7.20, you will:


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

 All of the files you will need are located on the OS Manager 7.20 installation media. You must create the OS Manager installation media from the `.iso` image stored in the `\OS_Manager` folder on the Client Automation Enterprise 7.20 media.

- 8 Update the Administrator.

### Task 1 Updating the Portal

Use the *HP Client Automation Enterprise Portal Migration Guide* to upgrade to the Portal version 7.20.


 You must use the same zone name during the installation of the Portal version 7.20 as you did during the 5.0 installation.

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

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

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

### Task 3 Updating the Configuration Server

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

Use the *HP Client Automation Enterprise Configuration Server and Database Migration Guide* for instructions to upgrade the Configuration Server database to version 7.20.

#### Task 4 Updating edmprof.dat in the Configuration Server

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

#### Task 5 Updating the Proxy Server

Use the *HP Client Automation Enterprise Proxy Server Migration Guide* for instructions to upgrade the Proxy Server to version 7.20.

#### Task 6 Installing the Boot Server

- 1 To stop the PXE and Cygwin Inetd services, open a command window and type:  

```
sc stop pxe  
sc stop inetd
```
- 2 Rename the directory *SystemDrive:\Hewlett-Packard\CM\BootServer* (the default Boot Server installation directory in version 5.0) to save any customizations and prevent it from being updated in the next step.
- 3 Run *setup.exe* from *\boot\_server\win32* on the HP Client Automation Enterprise OS Manager media. The Boot Server is installed in *SystemDrive:\Hewlett-Packard\CM\BootServer* by default.  
  
Refer to the *Client Automation Enterprise OS Manager System Administrator Guide* for detailed installation instructions.
- 4 If necessary, port any customizations from the Boot Server backup directory that you created in step 2 to the new Boot Server directory *SystemDrive:\Hewlett-Packard\CM\BootServer*.

#### Task 7 Installing the OS Manager Server

- 1 Open a command prompt and go to the current installation directory for the OS Manager Server. The default installation directory was *SystemDrive:\Program Files\Hewlett-Packard\CM\IntegrationServer*.
- 2 Type `sc stop httpd` to stop the Integration Server service that is hosting the OS Manager Server.
- 3 If the Integration Server hosting the OS Manager Server is also hosting another infrastructure server module such as the Proxy Server, perform the steps below.
  - a Open *\IntegrationServer\etc\httpd.rc*.
  - b Comment out the following line: `#module load roms`
  - c Save your changes.
  - d Restart the Integration Service to run the other infrastructure server modules. The OS Manager Server remains stopped.

If the Integration Server hosting the OS Manager Server is *not* hosting another infrastructure server module:

— Type `sc delete httpd` to remove the Integration Server

4 Install the OS Manager Server from the HPCA 7.20 OS Manager media.

▶ You must use the same Zone name and display name during the installation of version 7.20 as you did during the 5.0 installation.

The OS Manager uses a new port number, 3469, and a new default installation directory, `SystemDrive:\Program Files\Hewlett-Packard\CM\OSManagerServer`.

▶ If you are using Local Service Boot with SAP instances, be sure to modify the port from 3466 to 3469.

### **Task 8** Upgrading the Administrator

Use the *HP Client Automation Enterprise Administrator Migration Guide* for instructions to upgrade the Administrator to version 7.20.


## 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.






## 4 Migrating from Version 4.2

 You must perform the following steps before upgrading your HPCA agent.

To migrate from version 4.2 to version 7.20, you will:


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

 All of the files you will need are located on the OS Manager 7.20 installation media. You must create the OS Manager installation media from the `.iso` image stored in the `\OS_Manager` folder on the Client Automation Enterprise 7.20 media.

- 8 Update the Administrator.

### Task 1 Updating the Portal

Use the *HP Client Automation Enterprise Portal Migration Guide* to upgrade to the Portal version 7.20.


 You must use the same zone name during the installation of the Portal version 7.20 as you did during the 4.2 installation.

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

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

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

### Task 3 Updating the Configuration Server

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

Use the *HP Client Automation Enterprise Configuration Server and Database Migration Guide* for instructions to upgrade the Configuration Server database to version 7.20.

#### Task 4 Updating edmprof.dat in the Configuration Server

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

#### Task 5 Updating the Proxy Server

Use the *HP Client Automation Enterprise Proxy Server Migration Guide* for instructions to upgrade the Proxy Server to version 7.20.

#### Task 6 Installing the Boot Server

- 1 To stop the PXE and Cygwin Inetd services, open a command window and type:  

```
sc stop pxe  
sc stop inetd
```
- 2 Rename the directory `SystemDrive:\Hewlett-Packard\CM\BootServer` (the default Boot Server installation directory in version 5.0) to save any customizations and prevent it from being updated in the next step.
- 3 Run `setup.exe` from `\boot_server\win32` on the HP Client Automation Enterprise OS Manager media. The Boot Server is installed in `SystemDrive:\Hewlett-Packard\CM\BootServer` by default.  
  
Refer to the *Client Automation Enterprise OS Manager System Administrator Guide* for detailed installation instructions.
- 4 If necessary, port any customizations from the Boot Server backup directory that you created in step 2 to the new Boot Server directory `SystemDrive:\Hewlett-Packard\CM\BootServer`.

#### Task 7 Installing the OS Manager Server

- 1 Open a command prompt and go to the current installation directory for the OS Manager Server. The default installation directory was `SystemDrive:\Novadigm\IntegrationServer`.
- 2 Type `sc stop httpd` to stop the Integration Server service that is hosting the OS Manager Server.
- 3 If the Integration Server hosting the OS Manager Server is also hosting another infrastructure server module such as the Proxy Server, perform the steps below.
  - a Open `\IntegrationServer\etc\httpd.rc`.
  - b Comment out the following line: `#module load roms`
  - c Save your changes.
  - d Restart the Integration Service to run the other infrastructure server modules. The OS Manager Server remains stopped.

If the Integration Server hosting the OS Manager Server is *not* hosting another infrastructure server module:

— Type `sc delete httpd` to remove the Integration Server

4 Install the OS Manager Server from the HPCA 7.20 OS Manager media.

▶ You must use the same Zone name and display name during the installation of version 7.20 as you did during the 5.1x installation.

The OS Manager uses a new port number, 3469, and a new default installation directory, `SystemDrive:\Program Files\Hewlett-Packard\CM\OSManagerServer`.

▶ If you are using Local Service Boot with SAP instances, be sure to modify the port from 3466 to 3469.

### **Task 8** Upgrading the Administrator

Use the *HP Client Automation Enterprise Administrator Migration Guide* for instructions to upgrade the Administrator to version 7.20.

## 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.