HP OpenView Configuration Management Portal

for the Windows operating systems

Software Version: 5.00

Migration Guide

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About this document

This book is for Configuration Management system administrators who want to migrate to the HP OpenView Configuration Management Portal (CM Portal) Version 5.00.

This guide contains information for the Windows platforms only.

You should be familiar with Radia products, such as the Radia Database, Radia Configuration Server, Radia System Explorer, and the Radia Management Portal.

What this Guide is about

This guide should be used by systems administrators who want to:

- Migrate their existing Radia Management Portal v 2.x (from Radia v4.x media) to CM Portal version 5.00.

This is a side-by-side migration, not an in-place migration. The CM Portal V 5.00 installs into a new directory, service name, and port; it is no longer installed into a shared Integration Server.

CM Portal Migration Instructions

Use these procedures to migrate from an existing Radia Management Portal from version 2.x (Radia 4.x media) to CM Portal Version 5.00. The procedure applies to Windows environments.

Side-by-Side CM Portal Migration Overview

The CM Portal v5.x uses an OpenLDAP database, which means you must perform a side-by-side migration using the steps summarized below:

1	2	3	4
Prepare for migration	Install CM Portal v5 into NEW LOCATION	From CM Portal v5, run migration script to convert and import data	Reschedule tasks, port customizations

If you have multiple Portal Zones, repeat the migration steps for each Zone.

For additional configuration information, see the *HP OpenView Configuration Management Portal Installation and Configuration Guide.*

New CM Portal Path, Service and Port

As of version 5.00, the CM Portal no longer installs into a shared Integration Server location, service or port, by default. The CM Portal installs into the stand-alone location, service, and port listed below:

Path: `C:\Program Files\Hewlett-Packard\CM\ManagementPortal`

Port: `3471`

Service Name: HP OVCM Portal (httpd-managementportal)

In addition, the CM Portal requires additional ports for communicating with the new OpenLDAP directory.

- Listening port for OpenLDAP Directory communications: 3474 (default)
- Listening port for OpenLDAP Backup Directory: 3475 (default)

Supports Management Agents from 2.x

Migration Procedure

To migrate a Zone from 2.x to 5.00

⚠️ Existing Management Agents (with Version 2.x `RMA` modules) can communicate with a CM Portal 5.0 successfully.

To ensure continued registrations between the existing Management Agents and the new CM Management Portal, install the CM Portal V 5.0 onto the same server, zone name, and port as an existing Management Portal V 2.x. Step 9 explains how to adjust the port number after the new CM Portal is installed.

Task 1   Prepare your Existing Radia Management Portal (on the Integration Server)

1   (Optional) Create a backup of the Radia Management Portal directory.

2   Stop any current tasks on your Radia Management Portal. Note any scheduled tasks that will need to be recreated in the new CM Portal v5.

3   Open a command prompt, and navigate to the current installation directory for your existing Radia Management Portal. The default installation directory for previous versions was `C:\Novadigm\IntegrationServer`.

4   Type `sc stop httpd` to stop the Integration Server service that is hosting the Management Portal.

▶ Perform Step 5 only if the Integration Server hosting the Management Portal is also hosting another infrastructure server module, such as Policy Server or Proxy Server.

Otherwise, continue with Task 2.

5   If the Radia Integration Server hosting your existing Management Portal is **also** running other, non-Management Portal components, do the following:

a   Edit the `httpd.rc` file located in the `\IntegrationServer\etc` directory.

b   Comment-out this line:

`#module load rmp`

c   Save your changes to the `httpd.rc` file of the Integration Server.

d   Restart the Radia Integration Service to run the non-Management Portal components. The Management Portal remains stopped.

6   Before you run the new installation program, read the following requirements:

     —   CM Portal v 5.0 requires Windows 2000 Server or Windows Server 2003.

     —   You must install CM Portal Version 5.00 to a different location (such as a different path) from your existing Radia Management Portal; HP recommends choosing the new default path:

        `C:\Program Files\Hewlett-Packard\CM\ManagementPortal`

     —   To allow for existing devices to register to the new CM Portal without reconfiguration, install the CM Portal onto the same machine, port number and Zone. Steps for adjusting the port from the default (3471) to another port, such as (3466), are in Step 9.

     —   WARNING: Installing the CM Portal to the same directory as an existing Radia Management Portal will make your existing Management Portal data unusable.

7   Run the CM Portal installation program, `setup.exe.` The install program is located on the CM Software media at:
`\infrastructure\extended_infrastructure\management_portal\win32`

     —   HP recommends choosing the new default path whenever possible:

        `C:\Program Files\Hewlett-Packard\CM\ManagementPortal`

     —   Use the same Zone name if you want to have the existing Portal agents (RMAs) register to the new CM Portal.

     —   After running the install, you can modify the port, if needed.

   For details on running the install program, see the Installation chapter of the *HP OpenView Configuration Management Policy Server Installation and Configuration Guide.*

8   After installation, the CM Portal will open and you can logon using the default username **Admin** and a password of `secret`.

     —   Notice the new port is **3471**, by default.

     —   The service for the new CM Portal is listed in the Windows services as: **HP OVCM Portal (httpd-managementportal)**.

9   If you need to modify the port number, do the following:

   a   Stop the HP OVCM Portal Service from a Windows Services listing.

   b   Edit the `httpd-managementportal.rc` file, found in the \ManagementPortal**\etc** directory of where the new CM Management Portal was installed. Locate the Overrides Config entry, and adjust the default PORT value (3471) to the desired port.

   c   Specify the port used by your 2.x Management Portal to allow managed devices to register to a 5.x Management Portal that was installed on to the same machine and Zone name.

```
Overrides Config {
    PORT        3471
```

   e   Save your changes and restart the HP OVCM Portal Service. It will now be running on the new port number.

10 If you are migrating a CM Portal used for CM OS Manager, copy the `romad.tkd` file from CM OS Manager media to the `ManagementPortal\modules` directory, then restart the CM Portal before running the migration script.

Task 3 Run Script to Migrate Data from Metakit to OpenLDAP database format.

11 The CM Portal service must be running; this is the HP OVCM Portal (httpd-managementportal) service.

12 Your Radia Management Portal v2.x service should be stopped (if needed, refer to Step 4).

13 Copy the scripts `rmpMigration.tcl` and `mk2ldif.tcl` from the `\migrate` folder of the CM Portal v5 media location to the new CM Portal v5 home directory. If you installed the CM Portal into the new default directory, copy the two *.tcl scripts to:

`C:\Program Files\Hewlett-Packard\CM\ManagementPortal`

14 From the CM Portal v5.0 home directory, run the conversion scripts using the following DOS command. Provide the fully-qualified directory path to your RMP v2.x directory as an argument:

.\nvdkit rmpmigration.tcl *RMP_2.1_path*

For example, if the *RMP_2.1_path* is C:\Novadigm\IntegrationServer, enter the command as:

.\nvdkit rmpmigration.tcl C:\Novadigm\IntegrationServer

15 After the script ends, look for old Portal 2.x objects in your new CM Portal 5.x directory.

16 The script generates a `migration.log` file in the CM Portal v5.0 home directory. View the `migration.log` for any errors.

Task 4 Edit CM Portal CFG File

17 Compare the contents of the new `rmp.cfg` file that was installed to the `\ManagementPortal\etc` directory with the old `rmp.cfg` file (in the `\IntegrationServer\etc` directory). Port any customizations you had to the new file and restart the HP OVCM Portal service.

18 Reschedule any tasks from Step 2.

19 If the Integration Service previously hosting the Management Portal was **not** supporting another service, you can delete its Windows service by opening a command prompt and typing the following command:

`sc delete httpd`

This completes the steps to migrate from Radia Management Portal (2.x) to CM Portal (5.0).