# HP OpenView Configuration Management

# OS Manager

for UNIX operating systems

Software Version: 5.00

## Migration Guide

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# Contents

# 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 2.1 to version 5.00.

Note that for version 5.00, the default installation location has changed to `opt/HP/CM/IntegrationServer`. However, since you have a previous version of the service, the migration will target the existing directory where the CM Integration Server is installed.

### To migrate from version 2.1 to version 5.00, you will:

1 Update the CM Portal.

2 See the *CM Configuration Server and Database Migration Guide* for instructions on updating the CM Configuration Server to version 5.00.

3 Update the CM Configuration Server methods.

4 Update the CM OS Manager.

5 Test the new OS environment.

> All of the files you will need are located on the CM OS Manager 5.00 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 5.00 media.

### Task 1    Update the CM Portal

Use the *HP OpenView Configuration Management Portal Migration Guide* to upgrade the CM Portal version 5.00.

> The Zone name used for the previous installation of the CM Portal must be used during the version 5.00 installation.

### Task 2    Update the CM Configuration Server

Use the *CM Configuration Server and Database Migration Guide* for instructions on how to update the CM Configuration Server and CM-CS Database to version 5.00.

### Task 3    Update the CM Configuration Server Methods

When running the CM Configuration Server 5.00 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:\Novadigm\ConfigurationServer\bin`

2 Copy all files from `\Migration\configuration_server\modules`

to

`SystemDrive:\Novadigm\ConfigurationServer\modules`

**Task 4**    Update 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

   opt/Novadigm/IntegrationServer/modules

2   Copy the following files from `\common_components`:

   Nvdcrt.tkd

   Httpd.tkd

   to

   opt/Novadigm/IntegrationServer

3   Copy the following files from `\os_manager_server\<platform>\media`:

   nvdkit

   to

   opt/Novadigm/IntegrationServer

4   Copy the following files from `\common_components\unix\`

   pkg_client.sh

   preinstall.tcl

   sched_ram_install.sh

   setup_ram.sh

   to

   opt/Novadigm/IntegrationServer/pkg

5   Use a text editor to open `opt/IntegrationServer/etc/roms.cfg`.

6   Add the attributes PORTAL_UID and PORTAL_PASS.

7   The values for PORTAL_UID and PORTAL_PASS must be encrypted. To do this, open a command prompt and go to `opt/Novadigm/IntegrationServer` and type **nvdkit**.

8   Press **Enter**.

9   Type **% password encrypt** *yourPassword* **aes**

10  Copy the results into `roms.cfg` so that the value for PORTAL_PASS is an encrypted password. The line will look similar to the following:

   PORTAL_PASS      {{AES256}3gMlspmbrGbqVXNPDx8tWg==}

11  Type **% password encrypt** *yourPUID* **aes**

12  Copy the results into `roms.cfg` so that the value for PORTAL_UID is encrypted. The line will look similar to the following:

   PORTAL_UID       {{AES256}ACuqUOk5jOzI23B243dvgw==}

13  Add the following to `roms.cfg`:

   in "roms::init" section

```
                        WIMSHARENAME    {}
                        WIMSHAREPATH    {C:\WIMSHARE}
                        WS_DEBUG        0
            in "namespace eval roms" section, after 'set attrlist(BEHAVIOR) {}'
                    variable romlist [list \
                        currlds \
                        currlmes \
                        curros \
                        discfs \
                        discsbnt \
                        disctime \
                        evntstk \
                        jobid \
                        nvdpolicy \
                        osstate \
                        rcshost \
                        role \
                        romscpuid \
                        romsgateway \
                        romsnettype \
                        romsplatform \
                        rslvdlds \
                        rslvdos \
                        sbbprod \
                        slctdlds \
                        slctdos \
                        unmngdos \
                    ]
```

14 The `roms.cfg` file should look similar to the following when you are finished.

```
        roms::init {
            CLIENTPATH      {}
            DISPLAYNAME     compname
            MEDIAPATH       {}
            PORTAL_PASS     {{AES256}3gMlspmbrGbqVXNPDx8tWg==}
            PORTAL_UID      {{AES256}ACuqUOk5jOzI23B243dvgw==}
            RCS_ADDRESS     16.119.230.20:3464
            RIB_HOST        16.119.230.20
            RIB_PORT        3466
            RIMHOST         {}
            RMPHOST         {}
            RPS_ADDRESS     16.119.230.20:3466
```

```
            WIMSHARENAME      {}
            WIMSHAREPATH      {C:\WIMSHARE}
            WS_DEBUG          0
            ZONE              cn=zone50,cn=radia
            adminid           RAD_MAST
            adminpwd          {}
            rtrdelay          900
        }


        #   DO NOT CHANGE ANYTHING BELOW, FOR INTERNAL USE ONLY


        namespace eval roms {


        #   Each class known to ROMS has a list of attributes (default empty)
        which
        #   are NOT returned to the client (used in roms::WalkTree).


            variable attrlist


            set attrlist(ALL) {}
            set attrlist(SMINFO) {}
            set attrlist(ROMS) {}
            set attrlist(DRIVEMAP) {}
            set attrlist(PARTTION) {}
            set attrlist(ZSERVICE) {}
            set attrlist(PACKAGE)  {}
            set attrlist(FILE) {}
            set attrlist(SYSPREP) {}
            set attrlist(MACHINE) {}
            set attrlist(BEHAVIOR) {}


            variable romlist [list \
                currlds \
                currlmes \
                curros \
                discfs \
                discsbnt \
                disctime \
                evntstk \
                jobid \
                nvdpolicy \
```

```
                        osstate \

                        rcshost \

                        role \

                        romscpuid \

                        romsgateway \

                        romsnettype \

                        romsplatform \

                        rslvdlds \

                        rslvdos \

                        sbbprod \

                        slctdlds \

                        slctdos \

                        unmngdos \

                ]

        }

        #

        # END OF CONFIG

        #
```

15 Run CM Agent Remote Installation Setup using CM 5.00 media. See a CM agent guide for detailed instructions.

16 Run `pkg_client.sh` to create `radia.tar` (this will include new modules from the `pkg` directory and the CM agent 5.00).

17 Restart the service.

# 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.