HP Configuration Management

Client Configuration Manager

for Windows® operating systems

Software Version: 2.1x

Migration Guide

Legal Notices

Warranty

The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

The information contained herein is subject to change without notice.

Restricted Rights Legend

Confidential computer software. Valid license from HP required for possession, use or copying. Consistent with FAR 12.211 and 12.212, Commercial Computer Software, Computer Software Documentation, and Technical Data for Commercial Items are licensed to the U.S. Government under vendor's standard commercial license.

Copyright Notices

Trademark Notices

Linux is a registered trademark of Linus Torvalds.

Microsoft®, Windows®, and Windows® XP are U.S. registered trademarks of Microsoft Corporation.

OpenLDAP is a registered trademark of the OpenLDAP Foundation.

Acknowledgements

PREBOOT EXECUTION ENVIRONMENT (PXE) SERVER
Copyright © 1996-1999 Intel Corporation.

TFTP SERVER
Copyright © 1983, 1993
The Regents of the University of California.

OpenLDAP
Copyright 1999-2001 The OpenLDAP Foundation, Redwood City, California, USA.
Portions Copyright © 1992-1996 Regents of the University of Michigan.

OpenSSL License
Copyright © 1998-2001 The OpenSSLProject.

Original SSLeay License
Copyright © 1995-1998 Eric Young (eay@cryptsoft.com)

DHTML Calendar
Copyright Mihai Bazon, 2002, 2003

Support

You can visit the HP Software support web site at:

www.hp.com/go/hpsoftwaresupport

This Web site provides contact information and details about the products, services, and support that HP Software offers.

HP Software online software support provides customer self-solve capabilities. It provides a fast and efficient way to access interactive technical support tools needed to manage your business. As a valued support customer, you can benefit by using the support site to:

- Search for knowledge documents of interest
- Submit and track support cases and enhancement requests
- Download software patches
- Manage support contracts
- Look up HP support contacts
- Review information about available services
- Enter into discussions with other software customers
- Research and register for software training

Most of the support areas require that you register as an HP Passport user and sign in. Many also require a support contract.

To find more information about access levels, go to:

http://h20230.www2.hp.com/new_access_levels.jsp

To register for an HP Passport ID, go to:

http://h20229.www2.hp.com/passport-registration.html

Contents

1 Upgrading CM Client Configuration Manager Server

Use these instructions to upgrade the CM Client Configuration Manager (CCM) Server.

There are three steps to the CCM Server upgrade process:

- Step 1: Backup the Existing CCM Installation
- Step 2: Upgrade to the Latest Version
- Step 3: Restore CCM Data

> During CCM Server migration, the admin password is reset to *secret*. Be sure to change this after you have completed the migration process.

Step 1: Backup the Existing CCM Installation

Backup the existing installation of CCM to prepare for the upgrade.

To backup the existing installation

1 From the CCM media, copy the **migrate** folder to a temporary location.

   (This folder must be copied—the migration scripts cannot be run directly from the CCM media)

2 From the newly copied **migrate** folder, run **ccmbackup.cmd**

   If adequate space is available to store the backup files, the upgrade process begins.

   When the process completes, you will see the following message:

   ```
   All components have been successfully backed up to C:/CCM/Backup
   ```

   The following CCM data is included in the Backup folder:

   — CM Patch Manager Acquisition settings and configuration for ODBC information.

   — CM-CS Database changes from baseline.

   — CM Portal Openldap database.

   — CM Portal jobs database.

   — CM KB Manager import history and current, if any, Proxy Server upload folder for SMM backups

   — CM OS Manager upload folder for published OS Images ChangeControl folder for imported/exported services

> If the backup script is run again, a new backup folder is created,
>
> C:\CCM\Backup-*timestamp,* where *timestamp* is when the backup folder was created.

Step 2: Upgrade to the Latest Version

Run the latest CCM MSI Installer (hpccm.exe) to upgrade CCM.

> The upgrade process will update the CCM SQL database (CCMDB), you do not need to remove the existing database and attach a new version.

To upgrade to the latest version

1   From the latest CCM media, run **hpccm.exe**.

When the MSI runs, it will detect an upgrade and prompt to confirm you have read the migration guide and completed the prerequisites steps (above) before continuing.

> ⚠ Failure to complete the prerequisite steps above before running the upgrade will result in CCM data loss.

2   Click **OK**.

The existing installation of CCM is removed and the new version is installed.

Step 3: Restore CCM Data

After you've upgraded CCM to the latest version, restore your existing CCM data into the new framework.

To restore CCM data

• From the newly copied **migrate** folder, run **ccmrestore.cmd.**

The data stored in the Backup folder is migrated into the new CCM framework.

> Once your data is restored, you should log in to the console and start any dynamic refresh group jobs. This will make certain the groups are populated with the correct devices before the scheduled jobs run

After the CCM Server is upgraded, you will need to upgrade any deployed components. See Chapter 2 for details.

2 Upgrading Deployed Components

Use these instructions to upgrade CCM components that were deployed to devices in your environment. These include:

- CCM Management Agents
- CM Admin Publishers
- Infrastructure Servers

> Upgrading deployed CCM components requires that you first upgrade the CCM Server, as described in Chapter 1.

To upgrade the CCM Management Agent

1 Use the Agent Deployment Wizard to deploy the latest Management Agent to all managed devices. The new Management Agent installation will upgrade the existing agent to the latest version.

2 Use the Reporting tab to verify the Management Agent was upgraded. The version 2.11 CCM Server deploys a version 5.11.x Management Agent (version 2.00 CCM deployed a version V420.x agent, 2.10 CCM Server deployed a version 5.10.x agent). A new filter is available in Search Options, **Inventory Management Related → Operational Related → CM Agent Version.**

> During an upgrade process from version 2.00 to 2.11, the 2.11 Management Agent installation will remove a 2.00 Publisher, if it is installed. If you had used the CCM console to deploy the Publisher, you will still need to use the Software Removal wizard to remove any existing Publisher meta data.

If you upgraded a CCM Management Agent without using the CCM console to deploy the latest version, you will need to enable self-maintenance for upgraded Management Agents to receive the latest rma.tkd.

To enable self-maintenance for upgraded agents

1 Copy the latest rma.tkd from the CCM media directory `\RadAgent\rma` to your CCM installation directory:
`..\ManagementPortal\media\extended_infrastructure\`**`management_agent\r`**
`ma`

> You will need to create this directory.

3 Obtain the build number for rma.tkd by running the following command:
`..\ManagementPortal\nvdkit version rma.tkd`

4 Create a text file called **selfmaintenance** with the following parameters and values:
```
criticalRMABuildNum      rma_build
expectedRMABuildNum      rma_build
proactiveupgrade         0
```

Where *rma_build* is the build number you found in step 2.

> Do not use tab characters to separate parameters and values. Also, the filename should **not** contain an extension (for example .txt).

5   Place the selfmaintenance file in the following CCM installation directory:
    `..\ManagementPortal\media\extended_infrastructure\`**`management_agent`**

To upgrade the CM Admin Publisher

1   Remove the existing Publisher:

— If the Publisher was deployed from the CCM console, use the Software Removal Wizard.

— If you installed the Publisher manually, use Add/Remove Programs.

2   Use the Software Deployment Wizard or the CCM-Admin51.msi on the CCM media to deploy the latest Publisher.

To upgrade the Infrastructure Server

• Use the Configuration tab, Infrastructure section to deploy the latest Infrastructure Server to devices that have an existing Infrastructure Server installed. The new Infrastructure Server installation will upgrade the existing Infrastructure Server to the latest version.