HP Client Automation Starter and Standard

for Windows® operating systems

Software Version: 7.20

Migration Guide

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Contents

1 Upgrading HP Client Automation Starter and Standard

Use these instructions to upgrade to the latest version of HP Client Automation Starter and Standard (HPCAS).

▶ HP Configuration Management Client Configuration Manager was re-branded to HP Client Automation Starter and Standard for version 7.20.

There are three steps to the HPCAS Server upgrade process:

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

▶ During HPCAS 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 HPCAS Installation

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

To backup the existing installation

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

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

2   From the newly copied **migrate** folder, run **ccmbackup.cmd** followed by the drive letter on which you want to store the backup files. For example, to store the files on C:, type:

    ccmbackup C

    If adequate space is available, the upgrade process begins to store the backup files in C:\CCM\Backup.

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

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

The following HPCAS data is included in the Backup folder:

— Patch Manager Acquisition settings and configuration for ODBC information.

— CS Database changes from baseline.

— Portal Openldap database.

— Portal jobs database.

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

— 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 MSI Installer (hpccm.exe) to upgrade HPCAS.

▶ The upgrade process will update the HPCAS SQL database (CCMDB). You do not need to remove the existing database and attach a new version.

To upgrade to the latest version

1 Remove the existing installed version of HPCAS. You can use the Windows Control Panel Add/Remove Programs applet or the previous installer (MSI or exe) to remove HPCAS.

2 From the latest HPCAS media, run **hpccm.exe**. Follow the installation instructions on screen or in the *HP Client Automation Starter and Standard Administrator Guide*.

▶ If you did not first remove the previous version of HPCAS, the installer will begin an upgrade process. Do not allow this to continue. Go back and remove the previous installation first, then restart the installer.

⚠ Failure to complete the prerequisite steps (described in Step 1: Backup the Existing HPCAS Installation above) before running the upgrade will result in HPCAS data loss.

The new version of HPCAS is installed.

Step 3: Restore HPCAS Data

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

To restore HPCAS data

- From the new HPCAS media **migrate** folder, run **ccmrestore.cmd** followed by the drive letter on which you stored the backup files in Step 1, above. For example, to restore the files from C:, type:

    ccmrestore C

    The data stored in the Backup folder is migrated into the new HPCAS 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 HPCAS 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 HPCAS components that were deployed to devices in your environment. These include:

- Management Agents
- Administrator Publishers
- Infrastructure Servers

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

> After upgrading to the latest version of HPCAS, you must perform new backups of user settings created with Settings Migration Manager. Backups created with previous versions of HPCAS cannot be restored. Refer to the HPCAS guide for additional information on creating and restoring backups of user settings with Settings Migration Manager.

To upgrade the 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 7.20 HPCAS Server deploys a version 7.20.x Management Agent (version 2.11 deployed a version 5.11.x Management Agent, 2.10 deployed a version 5.10.x agent, and 2.00 deployed a version V420.x agent). A filter is available in Search Options, Data Filters, **Inventory Management Related → Operational Related → HPCA Agent Version.**

> During an upgrade process from version 2.00 to 2.11 or later, the updated Management Agent installation will remove a 2.00 Publisher, if it is installed. If you had used the 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 Management Agent without using the HPCAS 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 HPCAS media directory `\RadAgent\rma` to your HPCAS installation directory:
   `C:\Novadigm\ManagementPortal\media\extended_infrastructure\`**`management_agent\rma`**

> You will need to create this directory.

3   Obtain the build number for rma.tkd by running the following command:
    `C:\Novadigm\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 HPCAS installation directory:
    `C:\Novadigm\ManagementPortal\media\extended_infrastructure\`**`management_agent`**

To upgrade the Administrator Publisher

1   Remove the existing Publisher:

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

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

> If the version 2.00 Publisher and Management Agent are installed on the same device, the 2.00 Publisher is automatically removed when you upgrade to the latest Management Agent. If the 2.00 Publisher was deployed from the console, you still need to use the Software Removal Wizard to remove remaining meta data. This process will cause a dialog box to pop up on the Publisher device stating this action is only available for installed components. This is expected and the dialog can be closed.

2   Use the Software Deployment Wizard or the HPCAS-Admin72.msi on the HPCAS media to deploy the latest Publisher.

To upgrade Infrastructure Servers

1   Remove any existing deployed Infrastructure Server Services. Use the Configuration tab, Infrastructure section and select all servers that have the Infrastructure Service installed.

2   Click **Remove the Infrastructure Service**.

3   Select the Infrastructure Servers you want to migrate and click **Deploy the Infrastructure Service**.

    The new service is installed enabling any new features available with the latest release.

    After migration, create Infrastructure Locations and assign them to Infrastructure Servers to enable devices to connect to the appropriate Infrastructure Server. Refer to the product manual for information on creating and assigning Locations.

> The latest Management Agent must be deployed before using the option to auto-create Locations. If the latest agent is not deployed, subnet values may not be detected and Locations will not be created.