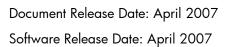# HP OpenView Configuration Management

Solutions for Servers

for the Windows operating system

Software Version: 5.00

Application Management Profiles 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

© Copyright 2007 Hewlett-Packard Development Company, L.P.

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/managementsoftware/support

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:

www.hp.com/managementsoftware/access_level

To register for an HP Passport ID, go to:

www.managementsoftware.hp.com/passport-registration.html

Upgrading Profiles

The HP OpenView Configuration Management Application Management Profiles Editor (CM AMP Editor) migrates old profiles automatically when they are opened. Always keep a copy of the original profile until the migrated version has been rigorously tested in the CM AMP Editor and CM AMP Agent.

A migration script is also provided in the `Application Management Profiles\Migration` directory to allow you to migrate multiple profiles from a command line. The migration script is described in detail below.

Migration of all profiles must be performed on Windows through the CM AMP Editor or the migration script.

To migrate a Profile using the CM AMP Editor

- Open the profile in the CM AMP Editor. You will be prompted to confirm the migration. The migrated profile will be created in the same directory as the source file, and will have the same name as the old one with a "_v5" suffix. The migration is logged to `ampedit.log`. HP may request this file if there are any inconsistencies found during migration.

To migrate a directory or file using migrate.tcl

1   Create a directory with all of the profiles that are to be migrated, such as `c:\xmls`. Make sure that this directory contains at least one backup for each profile to be migrated.

2   Create a directory, such as `c:\migrate`, that contains:

   — `Migrate.tcl` (from the `Application Management Profiles\Migration` directory)

   — `Nvdkit.exe` from the Configuration Management 5.00 installation media, build 445 or above.

   — `Standards.xml` (from `\Application Management Profiles\Profile Samples`)

3   Open a command prompt and navigate to the `c:\migrate` directory.

4   Continue to either step 5 or 6.

5   To migrate all profiles recursively below the `C:\xmls` directory, and create new files that end "_v5", run the following command:

   n**vdkit.exe migrate.tcl** *−dir* **"C:\xmls"** *−radial* **"c:\migrate\STANDARDS.xml" −autorcs true** *−suffix* **"_v5"**

   where

   — `dir` specifies the directory containing the xmls to be migrated, enclosed within quotes.

   — `radial` specifies the path within quotes to the `standards.xml` from the Profile Samples directory.

   — `suffix` specifies the file name suffix that will be created for each file within quotes

6   To migrate a single file, which has been previously backed up and overwrite it, run the following command:

```
nvdkit.exe migrate.tcl –xml "C:\xmls\test.xml" –radial "c:\migrate
\STANDARDS.xml" –autorcs true –suffix ""
```

where

— `xml` specifies the xml file to be migrated, enclosed within quotes.

The migration is logged in `migrate.log` in the same directory as `migrate.tcl`. HP may request `migrate.log` if there are any inconsistencies found during migration.

Validating Upgraded Profiles

After migrating the profile, you must then validate the profile through the CM AMP Editor.

To verify a migrated profile in the CM AMP Editor:

- Check that the profile's parameters are in the correct sections. For example, all sections need to be checked to ensure they were migrated and contain the correct parameters.

- Check that the phases are correct in the Manage Phases dialog. For example, the order of the phases, their 'modes', and other settings need to be verified after migration.

- Make sure that there are no validation errors. Run the **Validate Profile** command from the Edit menu in the CM AMP Editor. Errors could indicate a problem during the migration.

- Check that the Utility Class definition and parameters are correct. The Utility Class settings need to be verified through the CM Configuration Server menu. The actual class name and parameters should be validated by creating a new utility class and multiple instances on a test CM Configuration Server.

- Verify that the migrated Utility Class section does not contain a parameter that already resides in another section. The migration attempts to match the Utility Class attributes with the parameters defined in the Configuration Tab. After migration, if there is a "Migrated Configuration Server Section" in the Configuration Tab, all parameters in this section should be checked to ensure they do not already exist in a different section in this Tab.

- Make sure that actions and phases are all in the correct order and none are missing. The sequence of actions and phases within the migrated profile should match the sequence before migration.