

HP Configuration Management Application Management Profiles

for the Windows® and UNIX® operating systems

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Migration Guide

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Upgrading Profiles

The HP 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 (Server Management) 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 5.10 installation media.
 - `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:

```
nvdkit.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.