

IBM Tivoli Composite Application Manager for Transactions V7.3

Migrating Internet Service Monitoring profiles



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IBM Tivoli® Composite Application Manager for Transactions V7.3, Migrating Internet Service Monitoring profiles

Assumptions

Assumptions include that you have the following skills and components:

- Ability to use the command line
- An installed Internet Service

The developer assumes you know how to use a command line and have installed Internet Service.

Objective

When you have completed this module, you can perform these tasks:

- Copy Internet Service Monitoring profiles
- Convert the Internet Service Monitoring profiles
- Manage your Internet Service Monitoring profiles

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Steps to migrate V2.4 profiles to V7.3

Migrating Internet Service Monitoring V2.4 Profiles to Tivoli Composite Application Manager, Internet Service Monitoring V7.3

1. Convert existing profiles
 - a. Create **\$ISMHOME/ismbackup/profiles** and copy active profiles from Internet Service Monitoring V2.4
 - b. Create **\$ISMHOME/ismbackup/profiles/defaults** and copy **oidgroups.xml** and **profiles.xsd** from Internet Service Monitoring V2.4
 - c. Convert the profiles to V7.3 format
UNIX or Linux:
\$ISMHOME/bin/profileUpgrade
Windows:
%ISMHOME%\platform\win32\bin\profileUpgrade.exe
2. Transfer custom properties
3. Copy custom rules files

After installing Internet Service Monitoring V7.3, you can migrate profiles, properties files, and rules files from an existing Netcool® Internet Service Monitoring version 2.3 or 2.4 installation, or from an earlier Internet Service Monitoring installation. This enables you to start monitoring with Internet Service Monitoring V7.3.

If you installed Internet Service Monitoring into an IBM Tivoli Monitoring environment, you can import the profiles into the Tivoli Enterprise Portal Configuration Tool. To do this, you must launch the Tivoli Enterprise Portal client and open the Internet Service Monitoring Configuration Tool once before importing the profiles. This creates the Internet Service Monitoring tables in the Tivoli Enterprise Portal Server database, ready for profile migration.

Note: Do not create any profiles using the Tivoli Enterprise Portal configuration interface before you complete the migration process.

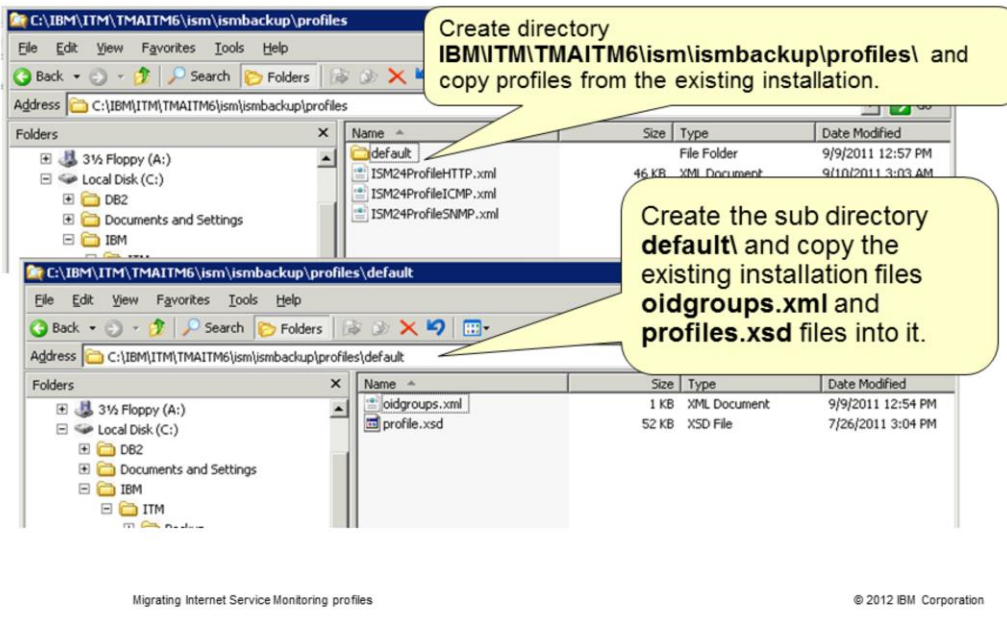
To migrate data from an existing installation to Internet Service Monitoring V7.3, convert existing profiles.

Internet Service Monitoring V7.3 provides tools for converting existing profiles.

Note: *ISMHOME* refers to the V7.3 location */IBM/ITM/<platform>/is*.

Step 1a and 1b

Copy **profiles**, **oidgroups.xml**, and **profiles.xsd** files

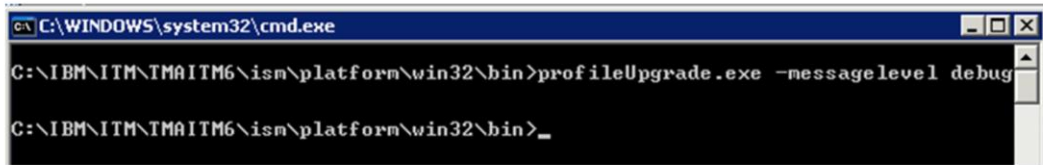


Step 1a. Create the directory **\$ISMHOME/ismbackup/profiles** and copy any profiles from the existing installation that you want to convert to this directory.

Step 1b. Create the subdirectory **default** under the **profiles** directory and copy the files **oidgroups.xml** and **profile.xsd** from the existing installation to this directory.

Step 1c

Convert profiles to V7.3



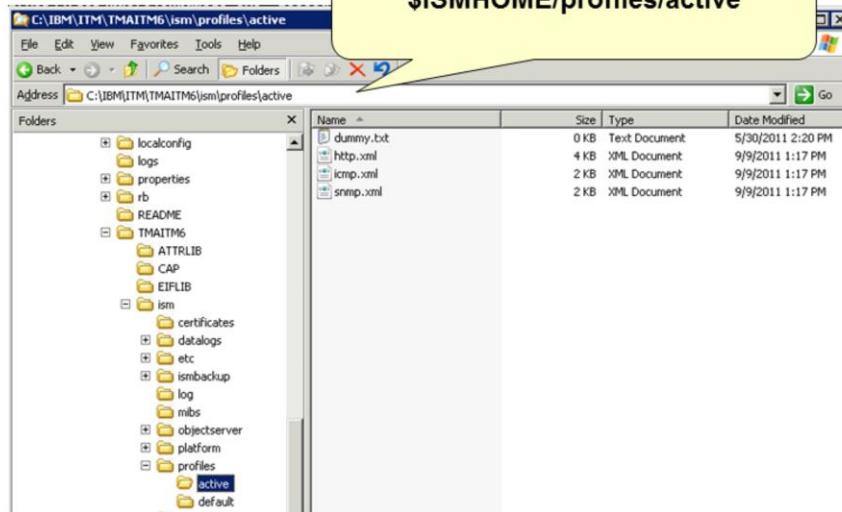
```
C:\WINDOWS\system32\cmd.exe
C:\IBM\ITM\ITM6\ism\platform\win32\bin>profileUpgrade.exe -messagelevel debug
C:\IBM\ITM\ITM6\ism\platform\win32\bin>_
```

Step 1c. Convert the profiles to version 7.3 format.

- On a Linux or UNIX system, run the command: **\$ISMHOME/bin/profileUpgrade**
- On a Windows system, run the command:
%ISMHOME%\platform\win32\bin\profileUpgrade.exe
- The **-messagelevel** and **-messagelevel** switches control the debug information generated by the profile upgrade tool.

Step 1d

Results



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Step 1d. The converted profiles are placed in the directory **\$ISMHOME/profiles/active**. If required, you can specify different locations for the profile inputs using the following two switches:

-profile sets the input directory

-profile24defaults sets the path to the **oidgroups.xml** and **profile.xsd** files

Step 2

- Transfer custom properties
- Copy *.props files
 - **NCHOME/etc/ism/props**
 - **ISMHOME/ism/etc/props**

Step 2. Transfer custom properties.

Version 7.3 properties files contain new properties, and modify some properties that existed in previous product releases. If you want to retain specific property settings from an existing installation, add them to the version 7.3 files manually. Overwriting version 7.3 properties files with those from the existing installation is not recommended.

Step 3

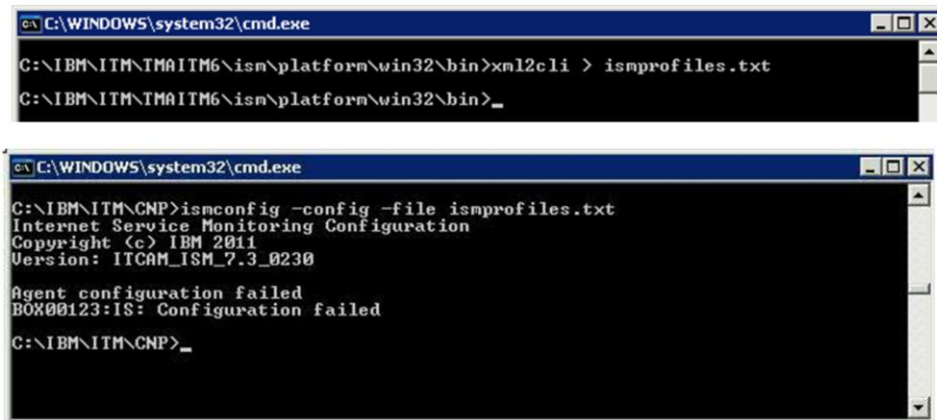
- Copy *.rules files
- NCHOME/etc/ism/rules
 - ISMHOME/etc/rules

Step 3. Copy custom rules files.

If you have modified any rules files and want to retain those changes, copy the rules files from the existing installation to the version 7.3 installation.

Note: Version 7.3 includes two monitors not available in versions before V7.1, SIP and SOAP. If you copy an existing **objectserver.rules** file to the installation, ensure that you add include statements for the SIP and SOAP monitor rules files.

Extra steps



```
C:\WINDOWS\system32\cmd.exe
C:\IBM\ITM\TMAITM6\ism\platform\win32\bin>xml2cli > ismprofiles.txt
C:\IBM\ITM\TMAITM6\ism\platform\win32\bin>_

C:\WINDOWS\system32\cmd.exe
C:\IBM\ITM\CNP>ismconfig -config -file ismprofiles.txt
Internet Service Monitoring Configuration
Copyright (c) IBM 2011
Version: ITCAM_ISM_7.3_0230

Agent configuration failed
BOX00123:IS: Configuration failed
C:\IBM\ITM\CNP>_
```

- **Note:** Disregard the configuration failure messages on initial import. If you see Agent offline, ensure that kisagent is started. After migration, use the Internet Service Monitoring Configurator to confirm that the OID Groups are migrated, deploy Available Profiles, and click **Resync Agent**.

http://publib.boulder.ibm.com/infocenter/tivhelp/v24r1/topic/com.ibm.itcam.doc.7.3/ism/dita/ag/concept/kis_configcli_xml2cli.html

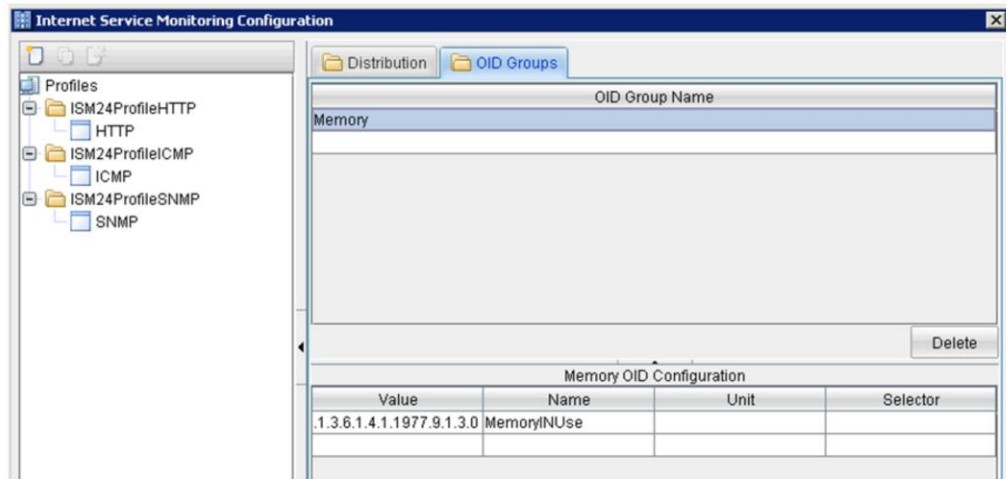
Extra steps.

You might need to convert profiles created with ismbatch to ismconfig. You can convert XML monitor profiles created using ismbatch to Internet Service Monitoring Configuration command-line interface (ismconfig) commands using the xml2cli application. See the link on the bottom of the slide for additional information.

1. Ensure you are in the `C:\IBM\ITM\TMAITM6\ism\platform\win32\bin` directory and run the command `xml2cli > ismprofiles.txt`
2. Change to the `C:\IBM\ITM\CNP` directory and run the command `ismconfig -config -file ismprofiles.txt`

Note: Disregard the configuration failure messages on initial import. If you see Agent offline, ensure that kisagent is started. After migration, use the Internet Service Monitoring Configurator to confirm that the OID Groups are migrated, deploy Available Profiles, and click Resync Agent.

Migration result



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Migration results.

Never mix profile distribution from the Tivoli Enterprise Portal (TEP) and ismbatch. Delete the xml files before redistributing a profile to a kisagent. Otherwise, you might create double entries. If you update using the ismbatch command line, you might lose the monitor type of the profile.

Summary

Now you have completed this module, you can perform these tasks:

- Copy Internet Service Monitoring profiles
- Convert the Internet Service Monitoring profiles
- Manage your Internet Service Monitoring profiles

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