



Importing Device Data to Inventory

You are the system administrator and want to import device information from HP OpenView, a network management system (NMS) that resides on a remote server, to the Inventory database. You are importing the information to a UNIX machine.

(See the online help for procedures on importing device information from other NMS platforms.)

What You Need—Prerequisites

In this scenario, you will use only the Inventory application.

Before you can import device data, make sure that these tasks have been completed:

- The NMS is a supported system (see the *Release Notes for Resource Manager Essentials 3.5* for the supported versions.)
- The NMS database resides on a remote server that is a UNIX (not a Windows) machine.

- Your local Essentials server has the proper permissions for remotely accessing the remote username and for running the remote shell as the specified user on the remote host. To do this, verify the following on the remote server:
 - An `.rhosts` file is in the remote user’s home directory and contains an entry for the Essentials server. The username entry is `+casuser`.
 - The `/etc/hosts.equiv` file on the remote server does not contain any statements that disallow access by the Essentials server.
 - HP OpenView is running on the remote host.
 - The CWSI remote user is a member of the group `casusers` and a member of the CWSI “Known Network” database.
 - Tivoli NetView is running on the remote host.
 - Cisco WAN Manger default user name is `svplus`.
 - The CiscoWorks remote user is a member of the `CiscoWorks` group. On UNIX, the remote user ID is part of `cscworks` (or the group entered when CiscoWorks was installed) in `/etc/group`.
 - The CiscoWorks Sybase server is running on the remote host and the Sybase database uses the default query server name `CW_SYBASE`.
- The remote shell daemon is running on the remote host.

For a complete description of all the required tasks, refer to the online help.

How To Do It—Procedures

The purpose of this scenario is to show you how you can use specific applications to perform these tasks. This will help you understand how to use the applications to perform similar tasks in your network.

Step 1 Select **Resource Manager Essentials > Administration > Inventory > Import from Remote NMS**.

The Remote Database Import dialog box appears.

Step 2 Select the database from which you are importing from the NM Product drop-down list.

- Step 3** Enter the network name of the host on which the remote NMS resides in the Host Name field.
- Step 4** Enter the name of the remote user in the User Name field.
- Step 5** Select one of the choices from the Reconciliation Criteria list.
- Use this list to specify the resolution method if there is a conflict between a device you try to import and a managed device with the same host and domain name.
- Use data from imported devices—When a conflict occurs, the imported device information overwrites existing device information.
 - Use data from managed devices—When a conflict occurs, the existing device information remains and the imported information is ignored.
 - Resolve conflicts after importing (the default)—After the import, select the information for the device integration process used to manage each device.
- Step 6** Select **Cisco Devices Only** or **Customize** or both from Special Options, then click **Next**. If you are importing non-Cisco devices or you want to enter device information, click **Customize**.
- If you select **Cisco Devices Only**, devices are filtered based on the SNMP variable “sysObjectId”. (Devices are not filtered on CWSI.)
 - If you select **Customize** or **CWSI**, the Import Options dialog box appears. Enter the import options that apply to your NMS database.
 - If you installed the NMS at a user-specified location (instead of the default), click **Customize** and enter the Source location.
 - If you select **Check Device Attributes**, device attribute information is verified after the import.
- Step 7** Click **Finish**.
- The Add/Import Status Summary appears for you to verify that the import was successful.
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Where You Should End Up—Verification

To verify if the devices are imported from HP OpenView:

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- Step 1** Select **Resource Manager Essentials > Administration > Inventory > Import Status**. Do either of the following:
- Click on any of the statuses to view the devices in that state.
 - If you had selected Check Device Attributes, the number of device attribute errors is also shown. Click this field to view details.
- Step 2** Click Update to refresh the display during the operation. You can continue to update the display until the pending count goes to 0.
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