

Migrating QPM

This chapter contains the following topics:

- [Migrating to a New QPM Server on Solaris, page 4-1](#)
- [Exporting and Importing QPM Application Data, page 4-2](#)

Migrating to a New QPM Server on Solaris

You can migrate QPM application data from one QPM 4.0 server to another. This section describes the sequence of tasks for migrating QPM 4.0 information to a new QPM server running Solaris.

**Note**

You need to buy a new license for remote migration because QPM license is a node-lock license. Also, the device limit with the new license should be equal to or more than the device limit supported by the old server.

To migrate to a new QPM 4.0 server:

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- Step 1** Take a backup of the CS 3.0.5 data using the Common Services Backup utility (available in QPM 4.0 under **Administration > Configuration Backup**).
- Step 2** Export all QPM 4.0 application data from the old QPM server using the export.pl utility either in the QPM DVD or in the QPM installation folder.
- See [Exporting QPM Application Data, page 4-3](#) for details.
- Step 3** Copy the CS backup data and the QPM export data to the new server.

- Step 4** Install CiscoWorks Common Services 3.0.5 on the new server.
See [Installing Common Services on Solaris, page 2-2](#)
- Step 5** Install QPM 4.0. on the new server.
See [Installing QPM on Solaris, page 2-7](#) for details.
- Step 6** Execute the CSrestorebackup.pl script (in CS 3.0.5) in the new server to restore the CS data.
- Step 7** Import the QPM 4.0 application data to the new server using the import.pl utility in the QPM installation folder in the new server.
See [Importing QPM Application Data, page 4-3](#) for details.
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Before you begin to work with QPM, ensure that you have the appropriate permissions. See [Chapter 3, “Setting Up the QPM Server”](#) for details.

If you are working with ACS user permissions, register the new QPM server in CiscoWorks and ACS. See [Setting up ACS User Groups and Permissions for QPM, page 3-11](#) for details.

Exporting and Importing QPM Application Data

The following topics describe how to use the QPM export and import utilities:

- [Exporting QPM Application Data, page 4-3](#)
- [Importing QPM Application Data, page 4-3](#)



Note

The export utility is available on the QPM installation DVD, and is also copied to the QPM server during the installation process. The import utility will be available in the QPM server after the installation.

Exporting QPM Application Data

You can export the following QPM application data:

- QPM database containing device and policy information
- QPM monitoring task information
- QPM reports
- QPM configuration information

Use the export utility when you want to migrate QPM application data from one QPM 4.0 server to another.

You must specify the destination folder to which you want the data exported.

To export the application data, go to the root directory and enter the following commands to start the export utility:

```
# cd /opt/CSCOpX/MDC/qpm/bin
# /opt/CSCOpX/bin/perl export.pl destination directory
```

where */opt/CSCOpX* is the default installation directory, and *destination directory* is the directory to which you want to export the data.

The utility stops CiscoWorks services, and exports the QPM data. When the export process is completed, the CiscoWorks services are restarted

Importing QPM Application Data

Use the import.pl utility to import the QPM application data that was exported from QPM.

**Note**

The exported data is platform dependent. Therefore you cannot import the QPM data onto a Solaris server if this data was exported from a Windows server.

When you use the import utility, any existing QPM data is overwritten.

To import the application data, go to the root directory and enter the following commands to start the import utility:

```
# cd /opt/CSCOpX/MDC/qpm/bin
# /opt/CSCOpX/bin/perl import.pl export directory
```

where */opt/CSCOpX* is the default installation directory, and *export directory* is the directory that contains the exported data.

The utility stops CiscoWorks services, and imports the QPM data. When the import process completes, the CiscoWorks services are restarted.