



Cisco MDS Zone Migrator Tool User Guide

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The Cisco MDS Zone Migrator tool generates Cisco MDS-equivalent Cisco NX-OS-based configuration file from a heterogeneous SAN Fibre Channel fabric switch.

Prerequisites for the Cisco MDS Zone Migrator Tool

Ensure that the Brocade fabric switch is running Brocade Fabric OS v7.x.x or later.

Limitations for the Cisco MDS Zone Migrator Tool

The Cisco MDS Zone Migrator tool works only on Microsoft Windows 10 64-bit or Microsoft Windows 7 64-bit operating system versions.

Generating the Brocade Configuration File

To generate the Brocade configuration file, use one of the following options:

- Use the **show** configuration command:
 1. Access the Brocade switch using a terminal emulator program on your computer.
 2. Log in to the switch with admin or admin-equivalent permission.
 3. Run the **cfgshow** command on the Brocade switch.
 4. Copy the command output to a text file and save the file to your computer by providing a suitable file name.
- Use the Brocade Fabric OS Web Tools.

Creating a Cisco NX-OS-Equivalent Cisco MDS Zone Configuration File

To generate the MDS zone configuration file, perform these steps:

1. Run the Cisco MDS Zone Migrator tool.
2. Click the **Browse** button next to the **Input File** field.
3. Navigate to the folder where you saved the Brocade zone configuration file.
4. Select the Brocade zone configuration file and click **Open**.
5. (Optional) Click the **Browse** button next to the **Output File** field to choose the location where you want to save the MDS zone configuration file.

Note: By default, the MDS zone configuration file will be saved in the same location where the Brocade zone configuration file is saved.

6. (Optional) Type a file name for the output file.

Note: By default, the file name is set in the *cisco_zone_migrated_<timestamp>* format.

7. (Optional) Type a VSAN ID that you want to use for this zone. The VSAN ID range is from 1 to 4093.

Note: By default, the default VSAN ID, 101, is automatically populated.

8. (Optional) Check the **Enhanced Zone Mode** check box to enable the enhanced zone mode for the VSAN. For more information, see the “Configuring and Managing Zones” chapter in the [Cisco MDS 9000 Series Fabric Configuration Guide](#).
9. (Optional) Check the **Enhanced Device-Alias Mode** check box to enable the enhanced device alias mode for the switch. For more information, see the “Configuring and Managing Zones” chapter in the [Cisco MDS 9000 Series Fabric Configuration Guide](#).
10. Click **Convert**.

Note: A log file with the file name *Cisco_Migration_log_<timestamp>.log* is created at the same location as the MDS zone configuration file when there is an error converting the zone configurations. A reason for the failure is provided in the log file for each zone configuration that is not converted.

Migrating Zone Configurations Using the Cisco MDS Zone Configuration File

To migrate zone configurations from a Brocade fabric to a Cisco MDS fabric using the Cisco MDS zone configuration file, perform these steps:

1. Access the Cisco MDS switch in which you want to configure zones, using a terminal emulator program on your computer.
2. Log in to the switch.
3. Using a text editor, open the configuration file that was generated by the Cisco MDS Zone Migrator tool.
4. Copy the configurations from the text file to the Cisco MDS switch.
5. Save the configuration on the Cisco MDS switch.

Licensing Information for the Cisco MDS Zone Migrator Tool

You do not need a license to use this tool.

Additional Information

- For more information about the Cisco MDS Zone Migrator tool version, license, and so on, click **About**.
- For support and feedback, email us at mds-zone-migration@cisco.com.

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