



Configuring IP Filters

You can use Fabric Manager to configure IP filters and profiles. The general procedure is to create an IP profile, add a filter to the profile, and then associated that profile to one or more interfaces. Filters can only be created if their associated filter profiles already exist in the ProfileTable.

Deleting any profile in the Profile Table will also delete all the associated filters in the FilterTable and cause the state of the associated 'active' filter profile in the ProfileTable to be changed to 'notReady'.

The list below shows the IP Filter tasks you can perform with Fabric Manager. IP Filter is not available from Device Manager.

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Using the IP Filter Wizard

To use the IP filter wizard, access it from the toolbar. Then follow these steps:

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- Step 1** Enter a filter name, then enter the host IP addresses and application pairs to be filtered on the switches. If a host and application pair don't match, access to the switch is denied. You can use wildcards (*) in the IP addresses. The match order is significant.
 - Step 2** Enter the management interface, and then select the switches to which you want to apply this filter. The filter applies only to inbound traffic. You can have only one active filter on an interface.

Creating IP Profiles

To create an IP profile, perform the following steps.

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- Step 1** From the Fabric Manager, choose **Security > IP Filter** from the menu tree. The information pane of the Fabric Manager displays IP Filter information.
 - Step 2** Click the **Profiles** tab.

Step 3

Step 4 Select the switches you want to include in the profile, by checking the checkboxes next to the switch's address.

Step 5 Enter a profile name in the Name field.

Step 6 Click the **Create** button to create the profile, or click the **Close** button to close the Create Profile dialog box without creating a profile.

The newly created profile is displayed in the list of profiles.

Step 7 To create additional profiles, repeat Step 6. Otherwise, click the **Close** button to close the Create Profile dialog box.

**Note**

You can access the field descriptions for the windows or dialog boxes in this procedure in the Reference section of the Fabric Manager or Device Manager help systems.

Adding IP Filters to Profiles

To add an IP filter to a profile, perform the following steps.

Step 1 From the Fabric Manager, choose **Security > IP Filter** from the menu tree.

The information pane of the Fabric Manager displays IP Filter information.

Step 2 Click the **Profiles** tab.

A list of switches and associated profiles is displayed.

Step 3 Click on the IP address of the switch to which you want to add a filter.

The Rules button becomes available.

Step 4 Click the **Rules** button.

The **IP Filter Edit** dialog box is displayed.

Step 5 Click the Create Row button.

The Create IP Filter dialog box is displayed.

Step 6 Complete the fields in the **Create IP Filter** dialog box.

Step 7 Click the **Create** button to create the filter, or click the **Close** button to close the Create IP Filter dialog box without creating a filter.

The newly created filter is displayed in the list of filters.

Step 8 Repeat Step 7 to create additional filters, or click the **Close** button to close the Create IP Filter dialog box.

Step 9 Click the Apply Changes button to add the newly created filters to the profile.

**Note**

You can access the field descriptions for the windows or dialog boxes in this procedure in the Reference section of the Fabric Manager or Device Manager help systems.

Associating IP Profiles to Interfaces

To associate the profile to an interface, perform the following steps.

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- Step 1** From the Fabric Manager, choose **Security > IP Filter** from the menu tree. The information pane of the Fabric Manager displays IP Filter information.
- Step 2** Click the **Interfaces** tab. A list of interfaces and associated profiles is displayed.
- Step 3** Click the Create Row icon. The Create Interface dialog box is displayed.
- Step 4** Select the switches you want to include in the profile, by checking the checkboxes next to the switch's address.
- Step 5** Enter an interface name in the Name field.
- Step 6** Select the profile direction (either inbound or outbound).
- Step 7** Enter the profile name in the Profile Name field. (Note, this profile name must already have been created using the Create Profiles dialog. If not, no filters will be enabled until you go to the Create Profiles dialog and create the profile.)
- Step 8** Click the **Create** button to associate the profile, or click the **Close** button to close the Create Interfaces dialog box without associating a profile. The newly associated profile is displayed in the list of profiles.
- Step 9** Repeat Step 8 to create additional associations, or click the **Close** button to close the Create Interfaces dialog box.

**Note**

You can access the field descriptions for the windows or dialog boxes in this procedure in the Reference section of the Fabric Manager or Device Manager help systems.

Deleting IP Profiles

To delete an IP profile, perform the following steps.

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- Step 1** From the Fabric Manager, choose **Security > IP Filter** from the menu tree. The information pane of the Fabric Manager displays IP Filter information.
- Step 2** Click the **Profiles** tab.

A list of switches, profile names, and profile types is displayed.

Step 3 Select the row you want to delete. If you want to delete multiple rows, hold down the Shift key while selecting rows.

Step 4 Click the Delete Row icon.

The profiles are deleted.



Note You can access the field descriptions for the windows or dialog boxes in this procedure in the Reference section of the Fabric Manager or Device Manager help systems.

Deleting IP Filters

To delete an IP filter, perform the following steps.

Step 1 From the Fabric Manager, choose **Security > IP Filter** from the menu tree.

The information pane of the Fabric Manager displays IP Filter information.

Step 2 Click the **Interfaces** tab.

A list of switches, filters, and profile names is displayed.

Step 3 Select the row you want to delete. If you want to delete multiple rows, hold down the Shift key while selecting rows.

Step 4 Click the Delete Row icon.

The filters are deleted from the profile.



Note You can access the field descriptions for the windows or dialog boxes in this procedure in the Reference section of the Fabric Manager or Device Manager help systems.