

# Provisioning: Working with Policy Groups

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The QPM policy groups contain the policies and other associated definitions you create. QPM uses the information in these policy groups to apply your policies to the assigned network devices.

The following topics cover tasks associated with the management of QPM policy groups.

- [Understanding Policy Groups, page 5-1](#)
- [Opening a Policy Group, page 5-3](#)
- [Creating a New Policy Group, page 5-3](#)
- [Copying a Policy Group, page 5-4](#)
- [Renaming a Policy Group, page 5-5](#)
- [Deleting a Policy Group, page 5-6](#)
- [Managing Multiple Policy Groups, page 5-7](#)

## Understanding Policy Groups

A QPM policy group contains policy definitions, with all their associated QoS properties and library components, such as IP aliases and application aliases.

QPM provides an empty default policy group. You can rename this policy group and begin working with it. You can create and manage multiple policy groups.

You can use multiple policy groups to define different types of QoS configurations for your network. The same network elements can be assigned to different policy groups.

For example, you can create one policy group to configure QoS during the day, and another policy group to configure QoS during the night. You can also use multiple policy groups to test what-if scenarios.

**Note**

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You can view multiple policy groups simultaneously in separate browser windows. However, we recommend that you edit only one policy group at a time.

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Whenever you make changes to a policy or policy component, the changes are automatically saved in the policy group. When you use library components in your policies, the dynamic link is automatically saved in the policy group. Thus, there is no specific policy group action required to save policy changes to the QPM policy group.

When you create a deployment job from a policy group, QPM creates a versioned backup copy of the policy group. This historical version can be viewed, restored for editing, and redeployed.

For more information about managing historical policy groups, see [Chapter 9, “Provisioning: Deploying QoS Policies”](#)

Policy groups are stored on the QPM server. QPM maintains audit trail records for each policy group, including the time the policy group was last modified.

**Related Topics**

- [Opening a Policy Group, page 5-3](#)
- [Creating a New Policy Group, page 5-3](#)
- [Renaming a Policy Group, page 5-5](#)
- [Using QPM Audit, page 11-1](#)

# Opening a Policy Group

You can open a policy group, as required, when working with the following:

- Policy table
- IP Telephony wizard
- Deployment wizard
- Audit Trail logs

You can also open a policy group from the Policy Groups page. To do this:

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**Step 1** Select **Provision > Policy Creation > Policy Groups**.

The Policy Groups page appears displaying a list of existing policy groups.

**Step 2** Open a policy group in one of the following ways:

- Click the policy group name, or select the policy group check box and click **Edit**, to open the Policy Group's page. In this page you can view and edit the policy group's name and description.
  - Click the policy group's Policies icon to open the Policy Group's page.
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## Related Topics

- [Creating a New Policy Group, page 5-3](#)
- [Copying a Policy Group, page 5-4](#)
- [Renaming a Policy Group, page 5-5](#)
- [Working with Policies, page 8-1](#)

# Creating a New Policy Group

You can create a new QPM policy group when you want to:

- Organize the policies for different sets of devices in separate policy groups.
- Experiment with different policy definitions for the same devices.

To create a new policy group:

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**Step 1** Select **Provision > Policy Creation > Policy Groups**.

The Policy Groups page appears.

**Step 2** Click **Create**.

The Policy Group page appears.

**Step 3** Enter the new Policy Group name in the Name field.

**Step 4** Enter a description in the Description field (optional).

**Step 5** Click **OK**.

The Policy Groups page appears and displays the new policy group name in the list.

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**Tip**

You can also create a new policy group by copying an existing policy group. See [Copying a Policy Group, page 5-4](#).

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**Related Topics**

- [Opening a Policy Group, page 5-3](#)
- [Working with Policies, page 8-1](#)

## Copying a Policy Group

You can create a new policy group by copying an existing policy group. If the source and target policy groups are in the same device groups, you can copy the network element assignments for the policies in the source policy group.

To copy an existing policy group:

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**Step 1** Select **Provision > Policy Creation > Policy Groups**.

The Policy Groups page appears.

**Step 2** Select the check box next to the policy group you want to copy.

- Step 3** Click **Copy**.
- The Copy Policy Group dialog box opens.
- Step 4** Select the device group to which you want to copy the policy group.
- Step 5** Select the **Copy with network element assignments** check box if you want to copy the network element assignments for the policies. You can only do this if you are copying within the same device group.
- Step 6** Click **OK**.
- The new policy group appears in the Policy Groups list with the name “Copy <number> of <source policy group>.”
- You can change the new policy group name to a more meaningful name.
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#### Related Topics

- [Creating a New Policy Group, page 5-3](#)
- [Renaming a Policy Group, page 5-5](#)

## Renaming a Policy Group

When you begin working with QPM, a new policy group is automatically loaded. You should rename this policy group with a meaningful name before you start creating policies.

When you copy a policy group, a default name is given to the new policy group. You should change it to a more meaningful name.

To rename a policy group:

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- Step 1** Select **Provision > Policy Creation > Policy Groups**.
- The Policy Groups page appears.
- Step 2** Click the policy group name you want to change, or select the policy group check box and click **Edit**.
- The Policy Group page appears.
- Step 3** Change the policy group name in the Name field. You can change or add a description in the Description field.

**Step 4** Click **OK**.

The Policy Groups page appears and displays the changed policy group name in the list.

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#### Related Topics

- [Opening a Policy Group, page 5-3](#)
- [Creating a New Policy Group, page 5-3](#)
- [Copying a Policy Group, page 5-4](#)

## Deleting a Policy Group

When you delete a policy group, the associated policies are deleted. The attached global library components are not deleted. The policy group's historical jobs are not deleted.



#### Note

The default policy group provided in QPM cannot be deleted; however, it can be renamed and used.

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To delete a policy group:

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**Step 1** Select **Provision > Policy Creation > Policy Groups**.

The Policy Groups page appears.

**Step 2** Select the check boxes next to the policy groups you want to delete.

**Step 3** Click **Delete**.

The policy group and its contents are deleted.

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# Managing Multiple Policy Groups

QPM supports multiple policy groups per device group. You can assign network elements to policies in different policy groups; however, policies cannot be split across policy groups.

Each policy group is a complete entity with all components. Effectively, there are an unlimited number of policy groups that can be opened at the same time.

Multiple users can work with the same policy group at any time. Any changes made to the policy group are saved directly to the policy group.

You can track changes made to policy groups in the Audit Trail logs.

## Related Topics

- [Opening a Policy Group, page 5-3](#)
- [Creating a New Policy Group, page 5-3](#)
- [Using QPM Audit, page 11-1](#)

