



Working with Deployment Groups

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

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

- [Understanding Deployment Groups, page 8-1](#)
- [Opening a Deployment Group, page 8-3](#)
- [Creating a New Deployment Group, page 8-4](#)
- [Copying a Deployment Group, page 8-5](#)
- [Renaming a Deployment Group, page 8-6](#)
- [Deleting a Deployment Group, page 8-7](#)
- [Managing Multiple Deployment Groups, page 8-7](#)

Understanding Deployment Groups

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

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

You can use multiple deployment groups to define different types of QoS configurations for your network. The same network elements can be assigned to policy groups in different deployment groups. For example, you can create one deployment group to configure QoS during the day, and another deployment group to configure QoS during the night. (For information on implementing time-based deployment, see [Deploying Jobs from an External Trigger, page 7-35](#)). You can also use multiple deployment groups to test what-if scenarios.

**Note**

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

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

When you create a deployment job from a deployment group, QPM creates a versioned backup copy of the deployment group. This historical version can be viewed, restored for editing, and redeployed. For more information about managing historical deployment groups, see [Chapter 7, “Deploying QoS Policies.”](#)

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

Related Topics

- [Opening a Deployment Group, page 8-3](#)
- [Creating a New Deployment Group, page 8-4](#)
- [Renaming a Deployment Group, page 8-6](#)
- [Using the QPM Audit, page 10-9](#)

Opening a Deployment Group

In QPM, the default deployment group for policy configuration tasks, deployment tasks, and audit trail logs, is the last deployment group with which you worked. You can open a different deployment group, as required, when working with the following:

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

You can also open a deployment group from the Deployment Groups page.

Procedure

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- Step 1** Select **Configure > Deployment Groups**. The Deployment Groups page appears displaying a list of existing deployment groups.
- Step 2** Open a deployment group in one of the following ways:
- Click the deployment group name, or select the deployment group check box and click **Edit**, to open the Deployment Group page. In this page you can view and edit the deployment group's name and description.
 - Click the deployment group's Policy Groups icon to open the deployment group's Policy Groups page.
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Related Topics

- [Creating a New Deployment Group, page 8-4](#)
- [Copying a Deployment Group, page 8-5](#)
- [Renaming a Deployment Group, page 8-6](#)
- [Working with Policy Groups, page 6-2](#)

Creating a New Deployment Group

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

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

Procedure

- Step 1** Select **Configure > Deployment Groups**. The Deployment Groups page appears.
- Step 2** Click **Create**. The Deployment Group page appears.
- Step 3** Enter the new Deployment Group name in the Name field.
- Step 4** Enter a description in the Description field (optional).
- Step 5** Click **OK**. The Deployment Groups page appears and displays the new deployment group name in the list.
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Tip

You can also create a new deployment group by copying an existing deployment group. See [Copying a Deployment Group, page 8-5](#).

Related Topics

- [Opening a Deployment Group, page 8-3](#)
- [Working with Policy Groups, page 6-2](#)

Copying a Deployment Group

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

Procedure

- Step 1** Select **Configure > Deployment Groups**. The Deployment Groups page appears.
- Step 2** Select the check box next to the deployment group you want to copy.
- Step 3** Click **Copy**. The Copy Deployment Group dialog box opens.
- Step 4** Enter the device group to which you want to copy the deployment group.
- Step 5** Select the **Copy with network element assignments** check box if you want to copy the network element assignments for the policy groups. You can only do this if you are copying within the same device group.
- Step 6** Click **OK**. The new deployment group appears in the Deployment Groups list with the name “Copy of <source>”.

You can change the new deployment group name to a more meaningful name.

Related Topics

- [Creating a New Deployment Group, page 8-4](#)
- [Renaming a Deployment Group, page 8-6](#)

Renaming a Deployment Group

When you begin working with QPM, a new deployment group is automatically loaded. You should rename this deployment group with a meaningful name before you start to create policy groups.

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

Procedure

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- Step 1** Select **Configure > Deployment Groups**. The Deployment Groups page appears.
 - Step 2** Click the deployment group name you want to change, or select the deployment group check box and click **Edit**. The Deployment Group page appears.
 - Step 3** Change the deployment group name in the Name field. You can change or add a description in the Description field.
 - Step 4** Click **OK**. The Deployment Groups page appears and displays the changed deployment group name in the list.
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Related Topics

- [Opening a Deployment Group, page 8-3](#)
- [Creating a New Deployment Group, page 8-4](#)
- [Copying a Deployment Group, page 8-5](#)

Deleting a Deployment Group

You can delete a deployment group. The deployment group's policy groups and policies are deleted. Attached global library components are not deleted. The deployment group's historical jobs are not deleted.

Procedure

- Step 1** Select **Configure > Deployment Groups**. The Deployment Groups page appears.
- Step 2** Select the check boxes next to the deployment groups you want to delete.
- Step 3** Click **Delete**. The deployment group and its contents are deleted.
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Managing Multiple Deployment Groups

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

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

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

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

Related Topics

- [Opening a Deployment Group, page 8-3](#)
- [Creating a New Deployment Group, page 8-4](#)
- [Using the QPM Audit, page 10-9](#)

