



CHAPTER 9

Deploying Templates

There are two steps to deploying configuration or monitoring templates:

1. Chose the template you want to deploy.
2. Specify the scope. After you have chosen the template to deploy, you need to determine which devices should be included in the deployment.

Specifying Template Deployment Options

After you publish a template and want to deploy it to one or many devices, you can specify devices, values, and scheduling information to tailor your deployment. [Table 9-1](#) explains the deployment options.

Table 9-1 *Deploy > Configuration Task Options*

Option	Description
Device Selection	Displays the list of devices to which you want to deploy the template.
Value Assignment	Allows you to specify a variable other than what was previously defined in the configuration template. Click a name, and the previously defined variables are displayed. To change any of the values, click the variable you want to change, enter a new value, and click Apply . Note The changes you make apply only to the specific configuration you are deploying. To change the configuration template for <i>all</i> future deployments, choose Design > Configuration Templates and change the template.
Schedule	Allows you to create a meaningful deployment job name, then specify whether to run the job now or in the future.
Summary	Summarizes your deployment option selections.

Deploying the DMVPN Template

To deploy the DMVPN template:



Note You must publish the specified template before it can be deployed to devices.

Step 1 Choose **Deploy > Configuration Tasks > My Templates**.

- Step 2** On the My Templates page, select the DMVPN template, and click the **Tasked View** button.
- Step 3** From the Deploy Task pad, click **Deploy**.
- Step 4** On the Template Deployment page, enter the required information; if you change any of the default values, click **Apply**.
- Step 5** Under Summary, verify your entries and click OK.
- Step 6** For DMVPN, you can change the values for GRE IP Address, Subnet Mask, and Tunnel Throughput Delay.
- Step 7** If you have changed the values, click **Apply**.
- Step 8** In the Schedule section, enter the Job Name, then click one of the following radio buttons:
- **Run**—To run the job immediately.
 - **Run at Schedule Time**—To specify a time to run the job.
- Step 9** Under Summary, verify your entries, then click **OK**.
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Deploying GETVPN Templates

This task enables you to deploy the GETVPN group member and key server template.



Note

Before you can deploy your template to devices, you must publish the template.

To deploy the GETVPN template:

- Step 1** Choose **Deploy > Configuration Tasks > My Templates**.
- Step 2** On the My Templates page, select the **GETVPN-GroupMember** or **KeyServer** template, and click the **Tasked View** button.
- Step 3** From the Deploy Task Pad, click **Deploy**.
- Step 4** On the Template Deployment page, enter the required information; if you change any of the default values, click **Apply**.
- Step 5** Under Summary, verify your entries and click OK.
- Step 6** For GETVPN-GroupMember, you can change the values for Registration Interface, Enable Passive SA, Local Exception Policy ACL, and Fail Close ACL.
- Step 7** For GETVPN Key Server, you can change the values for Keyserver, WAN IP Address, ACL, Priority, and Cooperative servers.
- Step 8** If you have changed the values, click **Apply**.
- Step 9** Click the Schedule section, enter the Job Name, then click one of the following radio buttons:
- **Run**—To run the job immediately.
 - **Run at Schedule Time**—To specify a time to run the job.
- Step 10** Under Summary, verify your entries, then click **OK**.
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Deploying ScanSafe Template

To deploy the ScanSafe template:



Note You must publish the specified template before it can be deployed to devices.

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- Step 1** Choose **Deploy > Configuration Tasks > My Templates**.
- Step 2** On the My Templates page, select the **ScanSafe** template, and click the **Tasked View** button.
- Step 3** From the Deploy Task pad, click **Deploy**.
- Step 4** On the Template Deployment page, enter the required information; if you change any of the default values, click **Apply**.
- Step 5** Under Summary, verify your entries and click **OK**.
- Step 6** For ScanSafe, you can change the interfaces.
- Step 7** If you have changed the values, click **Apply**.
- Step 8** In the Schedule section, enter the Job Name, then click one of the following radio buttons:
- **Run**—To run the job immediately.
 - **Run at Schedule Time**—To specify a time to run the job.
- Step 9** Under Summary, verify your entries, then click **OK**.
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Troubleshooting Template Deployment

The most common reasons that a template might not be deployed are:

- One or more devices are unreachable—Verify that the device credentials are correct; ping the device to verify that it is reachable. (See [Getting Device Details Using the 360° View](#) for more information.)
- A device CLI returned an error because the CLI was incorrect—Verify that the CLI commands contained in the template are correct by running the commands on a test device.

