

## Creating and Applying an Infranet Controller Template

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You can create and apply configuration templates for setting up new Infranet Controller devices through NSM.

Create and apply templates by following these procedures:

1. Creating the Template on page 1
2. Applying the Template on page 2

### Creating the Template

To create an Infranet Controller template:

1. From the left pane of the NSM UI, click **Configure**.
2. Expand **Device Manager** and select **Device Templates**. The Device Templates workspace appears on the right side of the screen.
3. Click the **Device Template Tree** tab, click the **New** button, and select **IC Template**. The New Device Template dialog box appears.
4. Name the Infranet Controller template, and select a color for the template.
5. Enter the following basic information:
  - Device description
  - IP address
  - Admin user name
  - Admin user password
6. Click **OK** to save the template. The newly created templates will appear under the Device Template Tree.
7. Double-click the newly created template, to enter the configuration information. The Device Template screen appears.
8. Click the **Configuration** tab; select the required parameters on the left pane and specify the appropriate values.
9. Click **OK** to create an Infranet Controller template.



**NOTE:** In the new template, default values for the configuration parameters are displayed based on the default values from the schema. Default values are not displayed for configuration parameters that are based on match conditions such as device platform or release version.

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You can now use this template when configuring Infranet Controllers.



**NOTE:** You can create a custom expression in a device template, but you cannot validate the custom expression. The Validate button is not enabled in the Custom Expressions editor for device templates.

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## Applying the Template

To apply a template to an Infranet Controller:

1. From the left pane of the NSM UI, click **Configure**.
2. Expand **Device Manager** and select **Devices**. The Devices workspace appears on the right side of the screen.
3. Double-click the Infranet Controller to open the device editor.
4. From the Device Info tab, select **Templates**. The templates configuration screen appears.
5. Click the **Edit** icon. The Edit Templates dialog box appears.
6. Select the required template from the list, and click **OK** in the Edit Templates dialog box.
7. In the templates configuration screen, select **Retain template values on removal** to retain template values if a template is removed from the device.
8. Click **Apply** to save your changes to the device configuration.

To apply the settings to the device itself, run the Update Device directive to push the configuration to the device.

- Related Topics**
- Promoting an Infranet Controller Configuration to a Template
  - Verifying Imported Device Configurations

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