

M-series and MX-series Device Configuration Settings Supported in NSM

You can configure JUNOS software features in NSM. Although the configuration screens rendered in NSM look different than the JUNOS command-line interface (CLI), the top-level configuration elements mostly correspond to commands in the CLI.



NOTE: For detailed information about configuring specific features for M-series and MX-series devices, see the appropriate JUNOS software configuration guide.



NOTE: Because the NSM device-side configuration guides are not updated on the same release schedule as the JUNOS releases, consult the JUNOS Software Documentation for information about configuration settings that might occur in NSM and not in the device-side configuration guides or vice versa.

Table 1 provides a general guideline of the CLI hierarchy levels that are supported in the NSM configuration tree. For the exact parameters available, double-click the device in the Device Manager and select the **Configuration** tab. The configuration tree appears in the main display area with all parameters viewable or configurable from NSM.

Table 1: The JUNOS Configuration Hierarchy and the NSM Configuration Tree

Hierarchy Level	Available in the NSM Configuration Tree
edit access	Yes
edit accounting-options	Yes
edit applications	Yes
edit bridge domains	Yes
edit chassis	Yes
edit class-of-service	Yes
edit dynamic profiles	Yes
edit ethernet-switching-options	No
edit event-options	Yes
edit firewall	Yes
edit forwarding-options	Yes
edit groups	Yes

Table 1: The JUNOS Configuration Hierarchy and the NSM Configuration Tree (continued)

Hierarchy Level	Available in the NSM Configuration Tree
edit interfaces	Yes
edit logical-systems	Yes
edit multicast-snooping-options	Yes
edit poe	No
edit policy-options	Yes
edit protocols	Yes.
edit routing-instances]	Yes
edit routing-options	Yes
edit schedulers	No
edit security	Yes
edit services	Yes
edit snmp	Yes
edit switch-options	Yes
edit system	Yes
edit virtual-chassis	No
edit vlans	No

When you use NSM to edit the software configuration on the device, you initially make the changes to a device object that models the device in NSM. When you are satisfied with your configuration changes, you use the Update Device directive to push the configuration from the device object in NSM to the device itself. At that point, the edited configuration becomes active.



NOTE: If you import an existing device configuration, NSM automatically imports all objects defined in that configuration.

For more information about editing device configurations, using device templates, using configuration groups, and using configuration groups with templates, see “Configuring Devices” in the *Network and Security Manager Administration Guide*.

- Related Topics**
- About Device Configuration
 - Configuring Device Features

- Example: Configuration of Interfaces for MPLS in the CLI and NSM

Published: 2009-08-23