

Managing Configuration Files Through the Configuration History (J-Web Procedure)

Use the Configuration History function to manage configuration files.

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Displaying Configuration History

To manage configuration files with the J-Web interface, select **Maintain > Config Management > History**. The main pane displays History — Database Information page.

Table 1 summarizes the contents of the display.

The configuration history display allows you to:

- View a configuration.
- Compare two configurations.
- Download a configuration file to your local system.
- Roll back the configuration to any of the previous versions stored on the switch.

Table 1: J-Web Configuration History Summary

Field	Description
Number	Version of the configuration file.
Date/Time	Date and time the configuration was committed.
User	Name of the user who committed the configuration.
Client	Method by which the configuration was committed: <ul style="list-style-type: none">■ cli—A user entered a JUNOS CLI command.■ junoscript—A JUNOScript client performed the operation. Commit operations performed by users through the J-Web interface are identified in this way.■ snmp—An SNMP set request started the operation.■ other—Another method was used to commit the configuration.
Comment	Comment.

Table 1: J-Web Configuration History Summary (continued)

Field	Description
Log Message	Method used to edit the configuration: <ul style="list-style-type: none"> ■ Imported via paste— Configuration was edited and loaded with the Configure > CLI Tools > Edit Configuration Text option. ■ Imported upload [filename]—Configuration was uploaded with the Configure>CLI Tools>Point Click Editor option. ■ Modified via J-Web Configure — Configuration was modified with the J-Web Configure menu. ■ Rolled back via <i>user-interface</i>— Configuration was rolled back to a previous version through the user interface specified by <i>user-interface</i>, which can be Web Interface or CLI.
Action	Action to perform with the configuration file. The action can be Download or Rollback .

Displaying Users Editing the Configuration

To display a list of users editing the switching platform configuration, select **Config Management > History**. The list is displayed as Database Information in the main pane. Table 2 summarizes the Database Information display.

Table 2: J-Web Configuration Database Information Summary

Field	Description
User Name	Name of user editing the configuration.
Start Time	Time of day the user logged in to the switch.
Idle Time	Elapsed time since the user issued a configuration command from the CLI.
Terminal	Terminal on which the user is logged in.
PID	Process identifier assigned to the user by the switching platform.
Edit Flags	Designates a private or exclusive edit.
Edit Path	Level of the configuration hierarchy that the user is editing.

Comparing Configuration Files with the J-Web Interface

To compare any two of the past 50 committed configuration files:

1. Select **Config Management >History**. A list of the current and the previous 49 configurations is displayed as Configuration History in the main pane.
2. Select the check boxes to the left of the two configuration versions you want to compare.
3. Click **Compare**.

The main pane displays the differences between the two configuration files at each hierarchy level as follows:

- Lines that have changed are highlighted side by side in green.
- Lines that exist only in the more recent configuration file are displayed in red on the left.
- Lines that exist only in the older configuration file are displayed in blue on the right.

Downloading a Configuration File with the J-Web Interface

To download a configuration file from the switch to your local system:

1. Select **Config Management >History**. A list of current and previous 49 configurations is displayed as Configuration History in the main pane.
2. In the Action column, click **Download** for the version of the configuration you want to download.
3. Select the options your Web browser provides that allow you to save the configuration file to a target directory on your local system.

The file is saved as an ASCII file.

Loading a Previous Configuration File with the J-Web Interface

To load (roll back) and commit a previous configuration file stored on the switching platform:

1. Select **Config Management >History**. A list of current and previous 49 configurations is displayed as Configuration History in the main pane.
2. In the Action column, click **Rollback** for the version of the configuration you want to load.

The main pane displays the results of the rollback operation.



NOTE: When you click **Rollback**, the switch loads and commits the selected configuration. This behavior is different from the switch's behavior that occurs after you enter the **rollback** configuration mode command from the CLI. In the latter case, the configuration is loaded but not committed.

- Related Topics**
- Loading a Previous Configuration File (CLI Procedure)
 - Understanding Configuration Files for EX-series Switches
 - Understanding J-Web Configuration Tools

