

Release Notes: J-Web Application Package Release 15.1A3 for Juniper Networks EX Series Ethernet Switches

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New Distribution Model For Junos OS Release 14.1X53-D10 and later, the J-Web interface is available in two packages:

- Platform package—Provides basic features of J-Web and is installed as part of Junos OS.
- Application package—Provides complete features of J-Web and is an installable package.

Platform Package

The Platform package of J-Web is installed as part of Junos OS that is shipped with your EX Series switch. The Platform package provides the basic features of the J-Web interface. The Platform package enables you to configure and maintain your switch.

Application Package

The Application package is not installed by default on your switch. You must download it and install it over the Platform package on your switch. The Application package provides all the features of the J-Web interface that enable you to configure, monitor, maintain, and troubleshoot your switch.

For information about installing the Application package, see [Upgrading to J-Web Application Package on page 5](#).

The Platform package, which is installed as part of the Junos OS that is shipped with your switch, follows the Junos OS release cycle. However, the Application packages have their own release cycle which is independent of the Junos OS release cycle. This separate release cycle helps you get the latest features of J-Web by installing the latest version of the Application package, without waiting for Junos OS releases.



NOTE: The J-Web Application package is hot-pluggable. You can install it on top of the current Junos OS installation, and you need not reboot the switch after the installation.



NOTE: To determine which J-Web package you are currently using, click Help > About. The About window appears. If you are using a Platform package, only the Platform package details are displayed. If you are using an Application package, both the Platform package and Application package details are displayed.

If your current J-Web package is:

Then you can:

Platform package

Upgrade to the Application package.

Auto Update

The J-Web auto update feature automatically checks the Juniper Networks server for the latest update of the Application package each time you log in to J-Web. You can choose for J-Web to download the latest update and install it on your switch. Alternately, you can download it to your computer or remote server and install it on your switch.

For information about installation, see [Table 2 on page 6](#).

Manual Update

The J-Web manual update feature enables you to manually check the Juniper Network server for the latest update of the Application package. by using the J-Web interface. You can choose for J-Web to download the latest update and install it on your switch, or you can download it to your computer or remote server and install it on your switch.

For information about installation, see [Table 2 on page 6](#).

You can use the auto update and manual update features in the following scenarios:

- When your switch has the Platform package installed and does not have the Application package, you can upgrade to the Application package.
- When your switch has an earlier version Application package installed, and the latest version of the Application package is available on the Juniper Networks server, you can update to the latest version of the Application package.

Upgrading to J-Web Application Package

There are three ways in which you can download and install the J-Web Application package:

- Auto update
- Manual update
- CLI procedure

There is a prescribed order for the installation tasks for updating to the Application package from an earlier version or from the Platform package. See [Table 2 on page 6](#) to determine the prescribed order of tasks for your installation.

Table 2: Installation Outline

Mode of Installation	Installation Outline
Auto update	<p>To <i>automatically</i> check and install the latest version of the J-Web Application package:</p> <ol style="list-style-type: none"> Click Update Now in the Update Available window that appears when you log in to the J-Web interface. <p>NOTE:</p> <ul style="list-style-type: none"> The Update Available window appears only if there is a latest update available on the Juniper Networks server. For the Update Available window to appear when you log in, the <i>Check for updates automatically on every login</i> in the Update Preference section in the <i>Maintain > Update J-Web</i> side pane must be selected. If you choose <i>Update Later</i>, you can update to the latest J-Web Application package by clicking the orange icon next to <i>Update Available</i> on the top pane of the J-Web interface or through <i>Maintain > Update J-Web</i>. <ol style="list-style-type: none"> If the switch is connected to the Internet, the Update J-Web window appears. Enter the authentication details and click Update. The Application package downloads and installs on the switch. <p>If the switch is not connected to the Internet and your computer is connected to the Internet, download the latest version of the J-Web Application package to your computer and install it on your switch. Click Download Application Package in the Update J-Web window, enter authentication details, download the file to your computer, select the file, and click Update.</p> <p>NOTE: You can also download the file to your computer and update it on the switch later by clicking <i>Select Application Package</i> and selecting the location where the package is located.</p>
Manual Update	<p>To <i>manually</i> check and install the latest J-Web Application package:</p> <ol style="list-style-type: none"> Check for updates manually. Go to Maintain > Update J-Web in the side pane, and click Check for updates. <p>If there is a latest update available on the Juniper Networks server, the Update Available window appears.</p> <ol style="list-style-type: none"> Click Update Now in the Update Available window. If the switch is connected to the Internet, the Update J-Web window appears. Enter the authentication details and click Update. The J-Web Application package downloads and installs on the switch. <p>If the switch is not connected to the Internet and your computer is connected to the Internet, download the latest version of the J-Web Application package to your local computer and install it on your switch. Click Download Application Package in the Update J-Web window, enter authentication details, download the file to your local system, select the file, and click Update.</p> <p>NOTE: You can also download the file to your computer and update it on the switch later by clicking <i>Select Application Package</i> and selecting the downloaded package location.</p>
CLI Procedure	<ol style="list-style-type: none"> Download the J-Web Application package and save it in the switch. Log in to the CLI and enter the operational mode. Install the package using the CLI command request system software add <application package file name>.

