

## Managing Licenses for the EX-series Switch (J-Web Procedure)

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To enable some JUNOS software features on an EX-series switch, you must purchase, install, and manage separate software licenses. Each switch requires one license per licensed feature. The licenses are on an honor system, meaning that after you have configured the features, you have a 30-day grace period to install the license. You will see a warning message if the switch does not have a license for the feature after those 30 days.

Before you begin managing licenses, be sure that you have:

- Obtained the needed licenses. For information about how to purchase software licenses, contact your Juniper Networks sales representative.
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### ***Adding New Licenses***

To add a new license key on the switch with the J-Web license manager:

1. In the J-Web interface, select **Maintain > Licenses**.
2. Under Installed Licenses, click **Add** to add a new license key.
3. Do *one* of the following, using a blank line to separate multiple license keys:
  - In the License File URL box, type the full URL to the destination file containing the license key to be added.
  - In the License Key Text box, paste the license key text, in plain-text format, for the license to be added.
4. Click **OK** to add the license key.

A list of features that use the license key is displayed. The table also lists the ID, state, and version of the license key.

### ***Deleting Licenses***

To delete one or more license keys from a switch with the J-Web license manager:

1. In the J-Web interface, select **Maintain > Licenses**.
2. Select the check box of the license or licenses you want to delete.
3. Click **Delete**.

### ***Displaying License Keys***

To display the license keys installed on a switch with the J-Web license manager:

1. In the J-Web interface, select **Maintain > Licenses**.
2. Under Installed Licenses, click **Display Keys** to display all the license keys installed on the switch.

A screen displaying the license keys in text format appears. Multiple licenses are separated by a blank line.

## ***Downloading Licenses***

To download the license keys installed on the switch with the J-Web license manager:

1. In the J-Web interface, select **Maintain > Licenses**.
2. Under Installed Licenses, click **Download Keys** to download all the license keys installed on the switch to a single file.
3. Select **Save it to disk** and specify the file to which the license keys are to be written. You can also download the license file to your system.

- Related Topics**
- Managing Licenses for the EX-series Switch (CLI Procedure)
  - Monitoring Licenses for the EX-series Switch