

Upgrading Software Using Automatic Software Download on EX Series Switches

The automatic software download feature uses the DHCP message exchange process to download and install software packages. You configure the automatic software download feature on EX Series switches acting as DHCP clients. You must enable automatic software download on the EX Series switch before the software upgrade can occur.

You configure a path to a software package file on the DHCP server. The server communicates the path to the software package file through DHCP server messages.

If you enable automatic software download, the DHCP client EX Series switch compares the software package name in the DHCP server message to the name of the software package that booted the switch. If the software packages are different, the DHCP client EX Series switch downloads and installs the software package specified in the DHCP server message.

Before you upgrade software using automatic software download, ensure that you have configured DHCP services for the switch, including configuring a path to a boot server and a boot file. See the *JUNOS Software System Basics Configuration Guide* at <http://www.juniper.net/techpubs/software/junos/junos96/index.html> for information about using the CLI to configure DHCP services and settings. See *Configuring DHCP Services (J-Web Procedure)* for information about using the J-Web interface to configure DHCP services and settings.

To enable automatic software download on an EX Series switch acting as a DHCP client:

```
[edit chassis]
user@switch# set auto-image-upgrade
```

Once automatic software download is enabled on your DHCP client EX Series switch and once DHCP services are enabled on your network, an automatic software download can occur at any time as part of the DHCP message exchange process.

If an automatic software download occurs, you see the following message on the switch:

```
Auto-image upgrade started
On successful installation system will reboot automatically
```

The switch reboots automatically to complete the upgrade.

- Related Topics**
- Verifying That Automatic Software Download Is Working Correctly
 - Understanding Software Installation on EX Series Switches
 - DHCP Services for EX Series Switches Overview