

DHCP/BOOTP Relay for EX Series Switches Overview

You can configure the Juniper Networks EX Series Ethernet Switch to act as a Dynamic Host Configuration Protocol (DHCP) or Bootstrap Protocol (BOOTP) relay agent. This means that a locally attached host can issue a DHCP or BOOTP request as a broadcast message. If the switch sees this broadcast message, it relays the message to a specified DHCP or BOOTP server. You should configure the switch to be a DHCP/BOOTP relay agent if you have locally attached hosts and a distant DHCP or BOOTP server.

For detailed information about configuring a DHCP/BOOTP relay agent, see the *JUNOS Software Policy Framework Configuration Guide* at <http://www.juniper.net/techpubs/software/junos/junos93/index.html>. The configuration of the switch to act as a DHCP/BOOTP relay agent includes the `bootp` statement at the `[edit forwarding-options helpers]` hierarchy level. The commands and statements are the same as those used to configure a DHCP/BOOTP relay agent on Juniper Networks routing platforms that run under Juniper Networks JUNOS Software.



NOTE: Because DHCP/BOOTP messages are broadcast and are not directed to a specific server, switch, or router, EX Series switches cannot function as both a DHCP server and a DHCP/BOOTP relay agent at the same time. JUNOS Software generates a commit error if both options are configured at the same time, and the commit will not succeed until one of the options is removed.

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- Related Topics**
- For information about configuring the switch as a DHCP/BOOTP relay agent, see the *JUNOS Software Policy Framework Configuration Guide* at <http://www.juniper.net/techpubs/software/junos/junos93/index.html>.
 - DHCP Services for EX Series Switches Overview

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