

Layer 3 Protocols Supported on EX-series Switches

EX-series switches support the JUNOS layer 3 features and configuration statements listed in Table 1:

Table 1: Supported JUNOS Layer 3 Protocol Statements and Features

Protocol	Notes	For More Information
BGP	Fully supported.	See the <i>JUNOS Software Routing Protocols Configuration Guide</i> at http://www.juniper.net/techpubs/software/junos/ .
BFD	Fully supported.	See the <i>JUNOS Software Routing Protocols Configuration Guide</i> at http://www.juniper.net/techpubs/software/junos/ .
ICMP	Fully supported.	See the <i>JUNOS Software Routing Protocols Configuration Guide</i> at http://www.juniper.net/techpubs/software/junos/ .
IGMPv1, v2 and v3	Fully supported.	See the <i>JUNOS Software Multicast Configuration Guide</i> at http://www.juniper.net/techpubs/software/junos/ .
IS-IS	Supported, with the exceptions noted in Layer 3 Protocols Not Supported on EX-series Switches.	See the <i>JUNOS Software Routing Protocols Configuration Guide</i> at http://www.juniper.net/techpubs/software/junos/ .
OSPFv1, v2 and v3	Supported, with the exceptions noted in Layer 3 Protocols Not Supported on EX-series Switches.	See the <i>JUNOS Software Routing Protocols Configuration Guide</i> at http://www.juniper.net/techpubs/software/junos/ .
PIM	Supported, with the exception of IPv6.	See the <i>JUNOS Software Multicast Configuration Guide</i> at http://www.juniper.net/techpubs/software/junos/ .
RIP	Fully supported.	See the <i>JUNOS Software Routing Protocols Configuration Guide</i> at http://www.juniper.net/techpubs/software/junos/ .
RIPng	Fully supported.	See the <i>JUNOS Software Routing Protocols Configuration Guide</i> at http://www.juniper.net/techpubs/software/junos/ .
SNMP	Fully supported.	See the <i>JUNOS Software Network Management Configuration Guide</i> at http://www.juniper.net/techpubs/software/junos/ .
VRRP	Fully supported with exception of IPv6 support of VRRP on routed VLAN interfaces.	See High Availability Features for EX-series Switches Overview. See also the <i>JUNOS Software High Availability Guide</i> at http://www.juniper.net/techpubs/software/junos/ .

- Related Topics**
- Layer 3 Protocols Not Supported on EX-series Switches
 - EX-series Switch Software Features Overview