

mtu

Syntax mtu bytes;

Hierarchy Level [edit interfaces *interface-name*]

Release Information Statement introduced in JUNOS Release 9.0 for EX-series switches.

Description Specify the maximum transmission unit (MTU) size for the media. Changing the media MTU causes an interface to be deleted and added again. Keep the following points in mind if you are configuring MTU size for jumbo frames on these special types of interfaces:

- **For LAG interfaces**—Configuring the jumbo MTU size on a link aggregation group (LAG) interface (*aex*) automatically configures the jumbo MTU size on the member links.
- **For RVIs**—Jumbo frames of up to 9216 bytes are supported on the routed VLAN interface (RVI), which is named *vlan*. The RVI functions as a logical router. To route jumbo data packets on the RVI, you must configure the jumbo MTU size on the member physical interfaces of the RVI and not on the RVI itself (the *vlan* interface). However, for jumbo control packets—for example, to ping the RVI with a packet size of 6000 bytes or more—you must explicitly configure the jumbo MTU size on the interface named *vlan* (the RVI).



CAUTION: Setting or deleting the jumbo MTU size on the RVI (the *vlan* interface) while the switch is transmitting packets might result in dropped packets.

Default 1514 bytes

Options bytes—MTU size.

Range: 256 through 9216 bytes

Default: 1514 bytes

Required Privilege Level interface—To view this statement in the configuration.
interface-control—To add this statement to the configuration.

- Related Topics**
- Configuring Gigabit Ethernet Interfaces (CLI Procedure)
 - Configuring Gigabit Ethernet Interfaces (J-Web Procedure)
 - Configuring Routed VLAN Interfaces (CLI Procedure)
 - *JUNOS Software Network Interfaces Configuration Guide* at <http://www.juniper.net/techpubs/software/junos/junos94/index.html>