



Configuring System MTU

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Finding Feature Information

Your software release may not support all the features documented in this module. For the latest caveats and feature information, see Bug Search Tool and the release notes for your platform and software release. To find information about the features documented in this module, and to see a list of the releases in which each feature is supported, see the feature information table at the end of this module.

Use Cisco Feature Navigator to find information about platform support and Cisco software image support. To access Cisco Feature Navigator, go to <http://www.cisco.com/go/cfn>. An account on Cisco.com is not required.

Information About the MTU

The default maximum transmission unit (MTU) size for frames received and transmitted on all interfaces is 1500 bytes. You can increase the MTU size to support jumbo frames on all Gigabit Ethernet interfaces by using the **system mtu jumbo** global configuration command.

How to Configure MTU

Configuring the System MTU

Beginning in privileged EXEC mode, follow these steps to change the MTU size for all 10/100 or Gigabit Ethernet interfaces:

Procedure

	Command or Action	Purpose
Step 1	configure terminal Example: Switch# configure terminal	Enters global configuration mode.
Step 2	system mtu bytes Example: Switch(config)# system mtu 1500	Enter 1500, 2026 or jumbo to specify the MTU size. The MTU value of jumbo is 10218.
Step 3	system mtu jumbo Example: Switch(config)# system mtu jumbo	Enter 1500, 2026 or jumbo to specify the MTU size. The MTU value of jumbo is 10218.
Step 4	end Example: Switch(config)# end	Returns to privileged EXEC mode.
Step 5	copy running-config startup-config Example: Switch# copy running-config startup-config	Saves your entries in the configuration file.
Step 6	do show system mtu Example: Switch# do show system mtu	

Configuration Examples for System MTU

This example shows how to set the maximum packet size for a Gigabit Ethernet port to 1500 bytes:

```
Switch(config)# system mtu 1500
```

```
Switch(config)# exit
```

This is an example of output from the **show system mtu** command:

```
Switch# show system mtu
System MTU size is 1500 bytes.
```