



# CHAPTER 12

## L Commands

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The commands in this chapter apply to the Cisco MDS 9000 Family of multilayer directors and fabric switches. All commands are shown here in alphabetical order regardless of command mode. See the “Command Modes” section to determine the appropriate mode for each command. For more information, refer to the *Cisco MDS 9000 Family Configuration Guide*.

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line com1

## line com1

To configure auxiliary COM 1 port, use the **line com1** command. Use the **no** form of a command to negate the previously issued command or to revert to factory defaults

```
line com1
  [ databits number ] |
  [ flowcontrol hardware ]
  [ modem in | init-string (default | user-input) | set-string user-input string ] |
  [ parity even | none | odd ]
  [ speed speed ] |
  [ stopbits 1 | 2 ]
```

Syntax	Description
<b>line com1</b>	Configures a primary terminal line.
<b>databits</b>	Set number of databits per character (ranges from 5 to 8).
<i>number</i>	Enters number of databits.
<b>flowcontrol hardware</b>	Enables modem flowcontrol on the COM1 port.
<b>modem</b>	Enables the modem mode.
<b>in</b>	Enables the COM 1 port to only connect to a modem.
<b>init-string default</b>	Writes the default initialization string to the modem.
<b>set-string user-input</b>	Sets the user-specified initialization string to its corresponding profile.
<i>string</i>	
<b>init-string user-default</b>	Writes the provided initialization string to the modem.
<b>parity</b>	Sets terminal parity.
<b>even</b>	Sets even parity.
<b>none</b>	Sets no parity.
<b>odd</b>	Sets odd parity.
<b>speed</b>	Sets the transmit and receive speeds (ranges from 110 to 115, 200 baud).
<i>speed</i>	Sets transmit and receive speeds.
<b>stopbits</b>	Sets async line stopbits.
<b>1</b>	Sets one stop bit.
<b>2</b>	Sets two stop bits.
<b>Defaults</b>	Disabled.
<b>Command Modes</b>	Configuration mode.
<b>Command History</b>	This command was modified in Cisco MDS SAN-OS Release 1.2(2).

**Usage Guidelines**

The **line com1** command available in **config t** command mode. The **line com1** configuration commands are available in **config-com1** submode.

You can perform the configuration specified in this section only if you are connected to the console port or the COM1 port.

If you issue the **no modem in** command, then the show line com1 command will not show the **Modem Init-String** portion.

We recommend you use the default initialization string. If the required options are not provided in the user-input string, the initialization string is not processed.

You must first set the user-input string, before initializing the string.

**Examples**

The following example configures a line console and sets the options for that terminal line.

```
switch## config t
switch(config)##
switch(config)# line com1
switch(config-com1)# databits 6
switch(config-com1)# parity even
switch(config-com1)# stopbits 1
```

The following example disables the current modem from executing its functions.

```
switch# config t
switch(config) # line com1
switch(config-com1) # no modem in
```

The following example enables (default) the COM1 port to only connect to a modem.

```
switch# config t
switch(config) # line com1
switch(config-com1) # modem in
```

The following example Writes the provides initialization string to the modem. This is the default.

```
switch# config t
switch(config) # line com1
switch(config-com1) # modem init-string default
```

The following example assigns the user-specified initialization string to its corresponding profile.

```
switch# config t
switch(config) # line com1
switch(config-com1) # modem set-string user-input ATE0Q1&D2&C1S0=3\015
```

The following example deletes the configured initialization string.

```
switch# config t
switch(config) # line com1
switch(config-com1) # no modem set-string user-input ATE0Q1&D2&C1S0=3\015
```

The following example writes the user-specified initialization string to the modem.

```
switch# config t
switch(config) # line com1
switch(config-com1) # modem init-string user-input
```

line com1

Related Commands	Command	Description
	<b>line console</b>	Configure primary terminal line.
	<b>line vty</b>	Configure virtual terminal line.

# line console

To configure a terminal line, use the **line console** command. Use the **no** form of the command to negate a previously-issued command or revert to factory defaults.

```
line console
  [ databits number ] |
  [ exec-timeout minutes ] [ flowcontrol none | software ]
  [ modem in | init-string (default | user-input) | set-string user-input string ] |
  [ parity even | none | odd ]
  [ speed speed ] |
  [ stopbits 1 | 2 ]
```

## Syntax Description

<b>line console</b>	Configures a primary terminal line.
<b>databits</b>	Set number of databits per character. (ranges from 5 to 8)
<i>number</i>	Enters number of databits.
<b>exec-timeout</b>	Configure exec timeout.
<i>minutes</i>	Enters timeout in minutes 0-525600. 0 to disable.
<b>flowcontrol</b>	Set the flow control.
<b>none</b>	Sets no flowcontrol.
<b>software</b>	Sets software flowcontrol.
<b>init-string default</b>	Writes the default initialization string to the modem.
<b>set-string user-input</b>	Sets the user-specified initialization string to its corresponding profile.
<i>string</i>	
<b>init-string user-input</b>	Writes the provided initialization string to the modem.
<b>parity</b>	Sets terminal parity.
<b>even</b>	Sets even parity.
<b>none</b>	Sets no parity.
<b>odd</b>	Sets odd parity.
<b>speed</b>	Sets the transmit and receive speeds.
<i>speed</i>	Sets transmit and receive speeds.
<b>stopbits</b>	Sets async line stopbits.
<b>1</b>	Sets one stop bit.
<b>2</b>	Sets two stop bits.

## Defaults

Disabled

## Command Modes

Configuration mode.

## Command History

This command was modified in Cisco MDS SAN-OS Release 1.2(2).

**line console****Usage Guidelines**

The **line console** command available in **config t** command mode. The **line console** configuration commands are available in **config-console** submode.

**Examples**

The following example configures a line console and sets the options for that terminal line.

```
switch## config t
switch(config)##
switch(config)# line console
switch(config-console)# databits 60
switch(config-console)# exec-timeout 60
switch(config-console)# flowcontrol software
switch(config-console)# parity even
switch(config-console)# stopbits 1
```

The following example disables the current modem from executing its functions.

```
switch# config t
switch(config)# line console
switch(config-console)# no modem in
```

The following example enables (default) the COM1 port to only connect to a modem.

```
switch# config t
switch(config)# line console
switch(config-console)# modem in
```

The following example Writes the provides initialization string to the modem. This is the default.

```
switch# config t
switch(config)# line console
switch(config-console)# modem init-string default
```

The following example assigns the user-specified initialization string to its corresponding profile.

```
switch# config t
switch(config)# line console
switch(config-console)# modem set-string user-input ATE0Q1&D2&C1S0=3\015
```

The following example deletes the configured initialization string.

```
switch# config t
switch(config)# line console
switch(config-console)# no modem set-string user-input ATE0Q1&D2&C1S0=3\015
```

The following example writes the user-specified initialization string to the modem.

```
switch# config t
switch(config)# line console
switch(config-console)# modem init-string user-input
```

**Related Commands**

<b>Command</b>	<b>Description</b>
<b>line vty</b>	Configure virtual terminal line.
<b>line com1</b>	Configures the auxiliary COM 1 port

# line vty

To configure a virtual terminal line, use the **line vty** command.

**line vty exec-timeout *minutes* | exit | no**

---

## Syntax Description

<b>line vty</b>	Configures a virtual terminal line.
<b>exec-timeout</b>	Configure exec timeout.
<i>minutes</i>	Enter timeout in minutes 0-525600. 0 to disable.
<b>exit</b>	Exit from this submode.
<b>no</b>	Negate a command or set its defaults.

---

## Defaults

None.

---

## Command Modes

Configuration mode.

---

## Command History

This command was introduced in Cisco MDS SAN-OS Release 1.0(2).

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## Usage Guidelines

The **line vty** command available in **config t** command mode. **line vty** configuration commands available in config-line submode.

---

## Examples

The following example configures a virtual terminal line and sets the timeout for that line.

```
switch## config t
switch(config)# line vty
switch(config-line)# exec-timeout 60
```

---

## Related Commands

Command	Description
<b>line console</b>	Configure primary terminal line.
<b>line com1</b>	Configures the auxiliary COM 1 port

■ **logging console**

# logging console

To set console logging, use the **logging console** command.

**logging console range [size bytes]**

Syntax Description	<b>logging console</b> Sets console logging. <b>range</b> 0-7 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug <b>size bytes</b> Configures the size of the log file in bytes. The valid range is 4096- 4194304 bytes.
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<b>Defaults</b>	Disabled.
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<b>Command Modes</b>	Configuration mode.
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<b>Command History</b>	This command was introduced in Cisco MDS SAN-OS Release 1.0(2).
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<b>Usage Guidelines</b>	None.
-------------------------	-------

<b>Examples</b>	The following example reverts console logging to the factory set default severity level of 2 (critical). Logging messages with a severity level of 2 or above will be displayed on the console.
-----------------	---

```
switch## config t
switch(config)# logging console 2
switch(config-console)#

```

# logging level

To modify message logging facilities, use the **logging level** command.

```
logging level [ acl severity level ] [ all severity level ] [ auth severity level ] [ authpriv severity level ] [ bootvar severity level ] [ callhome severity level ] [ cron severity level ] [ daemon severity level ] [ fcc severity level ] [ fcdomain severity level ] [ fcns severity level ] [ fcs severity level ] [ flogi severity level ] [ fspf severity level ] [ ftp severity level ] [ ipconf severity level ] [ ipfc severity level ] [ kernel severity level ] [ local0 severity level ] [ local1 severity level ] [ local2 severity level ] [ local3 severity level ] [ local4 severity level ] [ local5 severity level ] [ local6 severity level ] [ local7 severity level ] [ mail severity level ] [ mcast severity level ] [ module ] [ news ] [ ntp ] [ platform ] [ port ] [ port-channel ] [ qos ] [ rdl ] [ rib severity level ] [ rscn severity level ] [ scsi-target severity level ] [ security severity level ] [ syslog severity level ] [ sysmgr severity level ] [ tlport severity level ] [ user severity level ] [ uucp severity level ] [ vni severity level ] [ vrrp configuraion severity level engine severity level ] [ vsan severity level ] [ vshd severity level ] [ wnnm severity level ] [ xbar severity level ] [ zone severity level ]

no logging level [ acl severity level ] [ all severity level ] [ auth severity level ] [ authpriv severity level ] [ bootvar severity level ] [ callhome severity level ] [ cron severity level ] [ daemon severity level ] [ fcc severity level ] [ fcdomain severity level ] [ fcns severity level ] [ fcs severity level ] [ flogi severity level ] [ fspf severity level ] [ ftp severity level ] [ ipconf severity level ] [ ipfc severity level ] [ kernel severity level ] [ local0 severity level ] [ local1 severity level ] [ local2 severity level ] [ local3 severity level ] [ local4 severity level ] [ local5 severity level ] [ local6 severity level ] [ local7 severity level ] [ mail severity level ] [ mcast severity level ] [ module ] [ news ] [ ntp ] [ platform ] [ port ] [ port-channel ] [ qos ] [ rdl ] [ rib severity level ] [ rscn severity level ] [ scsi-target severity level ] [ security severity level ] [ syslog severity level ] [ sysmgr severity level ] [ tlport severity level ] [ user severity level ] [ uucp severity level ] [ vni severity level ] [ vrrp configuraion severity level engine severity level ] [ vsan severity level ] [ vshd severity level ] [ wnnm severity level ] [ xbar severity level ] [ zone severity level ]
```

## Syntax Description

<b>logging level</b>	Sets console logging.
<b>acl</b>	Sets 0-7 syslog filter level for acl manager. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>all</b>	Sets 0-7 severity level for all facilities. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>auth</b>	Sets 0-7 severity level for authorization system. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>authpriv</b>	Sets 0-7 severity level for authorization (private) system. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>bootvar</b>	Sets 0-7 severity level for bootvar. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>callhome</b>	Sets 0-7 severity level for Callhome feature. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>cron</b>	Sets 0-7 severity level 1 for Cron/at facility. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>daemon</b>	Sets 0-7 severity level for system daemons 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug

**logging level**

<b>fcc</b>	Sets 0-7 severity level for FCC. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>fcdomain</b>	Sets 0-7 syslog message level for fcdomain. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>fcns</b>	Sets 0-7 syslog filter level for name server 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>fes</b>	Sets 0-7 syslog filter level for FCS. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>flogi</b>	Sets 0-7 syslog message level for flogi. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>fspf</b>	Sets 0-7 syslog message level for FSPF. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>ftp</b>	Sets 0-7 syslog message level for File Transfer System. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>ipconf</b>	Sets 0-7 syslog message level for IP configuration. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>ipfc</b>	Sets 0-7 syslog message level for IPFC. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>kernel</b>	Sets 0-7 syslog message level for kernel. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>local0</b>	Sets 0-7 syslog message level for local use daemons. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>local2</b>	Sets 0-7 syslog message level for local use daemons. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>local3</b>	Sets 0-7 syslog message level for local use daemons. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>local4</b>	Sets 0-7 syslog message level for local use daemons. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>local5</b>	Sets 0-7 syslog message level for local use daemons. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>local6</b>	Sets 0-7 syslog message level for local use daemons. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>local7</b>	Sets 0-7 syslog message level for local use daemons. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>lpr</b>	Sets 0-7 syslog message level for line printer system. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>mail</b>	Sets 0-7 syslog message level for mail system. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>mcast</b>	Sets 0-7 syslog message level for mcast 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>module</b>	Sets 0-7 syslog message level for module. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>news</b>	Sets 0-7 syslog message level for USENET news 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>ntp</b>	Sets 0-7 syslog message level for NTP. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug

<b>platform</b>	Sets 0-7 syslog message level for platform manager. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>port</b>	Sets 0-7 syslog message level for port. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>port-channel</b>	Sets 0-7 syslog message level for a Port Channel. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>qos</b>	Sets 0-7 syslog message level for QoS manager. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>rdl</b>	Sets 0-7 syslog message level for RDL. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>rib</b>	Sets 0-7 syslog message level for rib. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>rscn</b>	Sets 0-7 syslog message level for RSCN. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>scsi-target</b>	Sets 0-7 syslog message level for SCSI target. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>security</b>	Sets 0-7 syslog message level for security. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>syslog</b>	Sets 0-7 syslog message level for internal syslog messages. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>sysmgr</b>	Sets 0-7 syslog message level for system manager. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>tlport</b>	Sets 0-7 syslog message level for TL Port. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>user</b>	Sets 0-7 syslog message level user process. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>uucp</b>	Sets 0-7 syslog message level for Unix-to-Unix copy system. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>vni</b>	Sets 0-7 syslog message level for virtual network interface. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>vrrp</b>	Sets 0-7 syslog message level for vrrp. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>vrrp configuration</b>	Sets 0-7 syslog message level 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>vrrp engine</b>	Sets 0-7 syslog message level 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>vsan</b>	Sets 0-7 syslog message level for VSAN. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>vshd</b>	Sets 0-7 syslog message level for vshd. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>wwnm</b>	Sets 0-7 syslog message level for WWN manager. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>xbar</b>	Sets 0-7 syslog message level for Xbar. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>zone</b>	Sets 0-7 syslog message level for zone server. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug

**logging level**

<b>Defaults</b>	Disabled
<b>Command Modes</b>	Configuration mode
<b>Command History</b>	This command was introduced in Cisco MDS SAN-OS Release 1.0(2).
<b>Usage Guidelines</b>	None.
<b>Examples</b>	Configures Telnet or SSH logging for the kernel facility at level 4 (warning). As a result, logging messages with a severity level of 4 or above will be displayed. <pre>switch## config t switch(config)# logging level kernel 4</pre>

# logging logfile

To set message logging for logfile, use the **logging logfile** command.

**logging logfile** *file name severity level*

<b>Syntax Description</b>	<b>logging logfile</b> Sets message logging for logfile. <i>file name</i> Enters the logfile name. <i>severity level</i> 0-7 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
---------------------------	---

<b>Defaults</b>	None.
-----------------	-------

<b>Command Modes</b>	Configuration mode.
----------------------	---------------------

<b>Command History</b>	This command was introduced in Cisco MDS SAN-OS Release 1.0(2).
------------------------	---

<b>Usage Guidelines</b>	None.
-------------------------	-------

<b>Examples</b>	The following example configures logging information for errors or events above a severity level of 3 (errors) to be logged in a file named ManagerLogFile. By configuring this limit, the file size is restricted to 3000000 bytes.
-----------------	--

```
switch## config t
switch(config)# logging logfile ManagerLogFile 3 size 3000000
```

<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>show logging logfile</b>	Displays the message logging for the logfile.

**logging module**

# logging module

To set message logging for linecards, use the **logging module** command.

**logging module** *severity level*

<b>Syntax Description</b>	<b>logging module</b> Sets message logging for modules. <i>severity level</i> 0-7 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
---------------------------	---

<b>Defaults</b>	None.
-----------------	-------

<b>Command Modes</b>	Configuration mode.
----------------------	---------------------

<b>Command History</b>	This command was introduced in Cisco MDS SAN-OS Release 1.0(2).
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<b>Usage Guidelines</b>	None.
-------------------------	-------

<b>Examples</b>	The following example sets message logging for modules at level 7.
-----------------	--

```
switch## config t
switch(config)#
switch(config)# logging module 7
```

# logging monitor

To set monitor message logging, use the **logging monitor** command.

**logging monitor** *severity level*

<b>Syntax Description</b>	<b>logging monitor</b> Sets message logging. <i>severity level</i> 0-7 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
---------------------------	--

**Defaults** None.

**Command Modes** Configuration mode.

**Command History** This command was introduced in Cisco MDS SAN-OS Release 1.0(2).

**Usage Guidelines** None.

**Examples** The following example sets terminal line (monitor) message logging at level 2.

```
switch## config t
switch(config)# logging monitor 2
```

<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>show logging monitor</b>	Displays the message logging for the logfile.

**logging server**

# logging server

To set message logging for the remote server, use the **logging server** command.

```
logging server [ hostname | ip address severity_level | facility auth | authpriv cron | daemon ftp | kernel local0 | local1 local2 | local3 local4 | local5 local6 | local7 lpr | mail news | syslog user uucp ]
```

Syntax Description	
<b>logging server</b>	Sets message logging for remote server.
<i>hostname</i>	Enters host name for remote server.
<i>ip address</i>	Enters the IP address for the remote server.
<i>severity_level</i>	Enter severity level of message. 0-emerg;1-alert;2-crit;3-err;4-warn;5-notif;6-inform;7-debug
<b>facility</b>	Facility to use when forwarding to server
<b>auth</b>	Use auth facility
<b>authpriv</b>	Use authpriv facility
<b>cron</b>	Use Cron/at facility
<b>daemon</b>	Use daemon facility
<b>ftp</b>	Use file transfer system facility
<b>kernel</b>	Use kernel facility
<b>local0</b>	Use local0 facility
<b>local1</b>	Use local1 facility
<b>local2</b>	Use local2 facility
<b>local3</b>	Use local3 facility
<b>local4</b>	Use local4 facility
<b>local5</b>	Use local5 facility
<b>local6</b>	Use local6 facility
<b>local7</b>	Use local7 facility
<b>lpr</b>	Use lpr facility
<b>mail</b>	Use mail facility
<b>news</b>	Use USENET news facility
<b>syslog</b>	Use syslog facility
<b>user</b>	Use user facility
<b>uucp</b>	Use Unix-to-Unix copy system facility

<b>Defaults</b>	None.
<b>Command Modes</b>	Configuration mode.
<b>Command History</b>	This command was introduced in Cisco MDS SAN-OS Release 1.0(2).

<b>Usage Guidelines</b>	None.
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<b>Examples</b>	Enable message logging to the specified remote server for level 7 messages.
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```
switch## config t  
switch(config)# logging sever sanjose 7
```

Related Commands	Command	Description
	<b>show logging server</b>	Displays the message logging for the remote server.

■ logging server