



G Commands

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 [“About the CLI Command Modes”](#) section on page 1-3 to determine the appropriate mode for each command. For more information, refer to the *Cisco MDS 9000 Family Configuration Guide*.

- [gzip](#), page 9-2
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gzip

To compress (zip) a specified file using LZ77 coding, use the **gzip** command in EXEC mode.

```
gzip [ bootflash: | slot0: | volatile: ] filename
```

Syntax Description	
bootflash:	Source or destination location for the file to be compressed.
slot0:	Source or destination location for file to be compressed.
volatile:	Source or destination location for file to be compressed. This is the default directory.
<i>filename</i>	The name of the file to be compressed.

Defaults None.

Command Modes EXEC mode.

Command History This command was introduced in Cisco MDS SAN-OS Release 1.1(1).

Usage Guidelines This command is useful in compressing large files. The output of the **show tech-support** command can be directed to a file and compressed for further use.

Examples This example directs the output of the **show tech-support** command to a file (Samplefile) and then zips the file and displays the difference in the space used up in the volatile: directory:

```
switch# show tech-support > Samplefile
Building Configuration ...
switch# dir
 1525859      Jul 04 00:51:03 2003  Samplefile
Usage for volatile://
 1527808 bytes used
 19443712 bytes free
 20971520 bytes total
switch# gzip volatile:Samplefile
switch# dir
 266069      Jul 04 00:51:03 2003  Samplefile.gz
Usage for volatile://
 266240 bytes used
 20705280 bytes free
 20971520 bytes total
```

Related Commands	Command	Description
	gunzip	Uncompresses LZ77 coded files.

gunzip

To uncompress (unzip) LZ77 coded files, use the **gzip** command in EXEC mode.

gunzip [**bootflash:** | **slot0:** | **volatile:**] *filename*

Syntax Description	
bootflash:	Source or destination location for the compressed file.
slot0:	Source or destination location for the compressed file.
volatile:	Source or destination location for the compressed file. This is the default directory.
<i>filename</i>	The name of the compressed file.

Defaults None.

Command Modes EXEC mode.

Command History This command was introduced in Cisco MDS SAN-OS Release 1.1(1).

Usage Guidelines This command is useful in uncompressing large files.

Examples This example unzips a compressed file and displays the space used:

```
switch# gunzip Samplefile
switch# dir
 1525859      Jul 04 00:51:03 2003 Samplefile
Usage for volatile://
 1527808 bytes used
19443712 bytes free
20971520 bytes total
```

Related Commands	Command	Description
	gzip	Compresses a specified file using LZ77 coding.

