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## G Commands

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This chapter describes the basic Cisco NX-OS system commands that begin with G.

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# gunzip

To uncompress a compressed file, use the **gunzip** command.

```
gunzip [filesystem:] [//server/] [directory] filename
```

Syntax Description	
<i>filesystem:</i>	(Optional) Name of the file system. Valid values are <b>bootflash</b> , <b>modflash</b> , or <b>volatile</b> .
<i>//server/</i>	(Optional) Name of the server. Valid values are <i>//</i> , <b>//module-1/</b> , <b>//sup-1/</b> , <b>//sup-active/</b> , or <b>//sup-local/</b> . The double slash ( <i>//</i> ) is required.
<i>directory</i>	(Optional) Name of a directory. The directory name is case sensitive.
<i>filename</i>	Name of the file to uncompress. The filename is case sensitive.



## Note

There can be no spaces in the *filesystem://server/directory/filename* string. Individual elements of this string are separated by colons (*:*) and slashes (*/*).

Command Default	
None	

Command Modes	
EXEC mode	

Command History	Release	Modification
	4.0(0)N1(1a)	This command was introduced.

Usage Guidelines	
The compressed filename must have the .gz extension.	
The Cisco NX-OS software uses Lempel-Ziv 1977 (LZ77) coding for compression.	

Examples	
This example shows how to uncompress a compressed file:	

```
switch# gunzip run_cfg.cfg.gz
```

Related Commands	Command	Description
	<b>dir</b>	Displays the directory contents.
	<b>gzip</b>	Compresses a file.

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# gzip

To compress a file, use the **gzip** command.

```
gzip [filesystem:] [//server/] [directory] filename
```

## Syntax Description

<i>filesystem:</i>	(Optional) Name of the file system. Valid values are <b>bootflash</b> , <b>modflash</b> , or <b>volatile</b> .
<i>//server/</i>	(Optional) Name of the server. Valid values are <i>///</i> , <i>//module-1/</i> , <i>//sup-1/</i> , <i>//sup-active/</i> , or <i>//sup-local/</i> . The double slash ( <i>//</i> ) is required.
<i>directory</i>	(Optional) Name of a directory. The directory name is case sensitive.
<i>filename</i>	Name of the file to compress. The filename is case sensitive.



## Note

There can be no spaces in the *filesystem://server/directory/filename* string. Individual elements of this string are separated by colons (*:*) and slashes (*/*).

## Command Default

None

## Command Modes

EXEC mode

## Command History

Release	Modification
4.0(0)N1(1a)	This command was introduced.

## Usage Guidelines

After you run this command, the named file is replaced with a compressed file that has the *.gz* extension added to its filename.

The Cisco NX-OS software uses Lempel-Ziv 1977 (LZ77) coding for compression.

## Examples

This example shows how to compress a file:

```
switch# gzip run_cfg.cfg
```

## Related Commands

Command	Description
<b>dir</b>	Displays the directory contents.
<b>gunzip</b>	Uncompresses a compressed file.

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