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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> , <b>//module-1/</b> , <b>//sup-1/</b> , <b>//sup-active/</b> , or <b>//sup-local/</b> . The double slash (//) 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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