

# G Commands

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This chapter describes the Cisco Nexus 1000V commands that begin with the letter G.

# gunzip

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

**gunzip** *filename*

<b>Syntax Description</b>	<i>filename</i>	File name. The name is alphanumeric, case-sensitive, has a maximum of 64 characters, and must have the extension .gz.
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<b>Defaults</b>	None
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<b>Command Modes</b>	Any
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<b>SupportedUserRoles</b>	network-admin
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<b>Usage Guidelines</b>	<p>The compressed filename must have the .gz extension.</p> <p>You do not have to enter the .gz extension as part of the filename.</p> <p>The Cisco NX-OS software uses Lempel-Ziv 1977 (LZ77) coding for compression.</p>
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<b>Examples</b>	This example shows how to uncompress a compressed file:
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```
n1000v# gunzip bootflash:sh-logging.gz
n1000v# dir bootflash:
  19      May 21 14:44:15 2013  .ovfconfigured
 77824   May 23 19:32:20 2013  accounting.log
 4096    May 21 14:43:04 2013  core/
 4096    May 21 14:43:04 2013  log/
16384   May 21 14:42:28 2013  lost+found/
 456     May 21 14:51:42 2013  mts.log
31235584 May 21 14:42:38 2013  n1000vh-dk9-kickstart.5.2.1.SM1.5.0.357.bin
90078471 May 21 14:42:58 2013  n1000vh-dk9.5.2.1.SM1.5.0.357.bin
25975   May 23 19:27:23 2013  sh-logging
 4096    May 21 14:43:23 2013  vdc_2/
 4096    May 21 14:43:23 2013  vdc_3/
 4096    May 21 14:43:23 2013  vdc_4/
14816014 May 21 14:43:01 2013  vsmhv-pa.2.0.0.14.bin
```

These examples show how to compress a file:

```
n1000v# gzip run_cnfg.cfg
```

```
n1000v# dir bootflash:
```

```
   19   May 21 14:44:15 2013  .ovfconfigured
 77824  May 23 19:32:20 2013  accounting.log
  4096  May 21 14:43:04 2013  core/
  4096  May 21 14:43:04 2013  log/
16384  May 21 14:42:28 2013  lost+found/
   456  May 21 14:51:42 2013  mts.log
3123584 May 21 14:42:38 2013  n1000vh-dk9-kickstart.5.2.1.SM1.5.0.357.bin
90078471 May 21 14:42:58 2013  n1000vh-dk9.5.2.1.SM1.5.0.357.bin
 25975  May 23 19:27:23 2013  sh-logging
  4096  May 21 14:43:23 2013  vdc_2/
  4096  May 21 14:43:23 2013  vdc_3/
  4096  May 21 14:43:23 2013  vdc_4/
14816014 May 21 14:43:01 2013  vsmhv-pa.2.0.0.14.bin
```

```
Usage for bootflash://sup-local
```

```
 291319808 bytes used
2096951296 bytes free
2388271104 bytes total
```

```
n1000v#
```

```
n1000v# gzip bootflash:sh-logging
```

```
n1000v#
```

```
n1000v# dir
```

```
   19   May 21 14:44:15 2013  .ovfconfigured
 77824  May 23 19:33:30 2013  accounting.log
  4096  May 21 14:43:04 2013  core/
  4096  May 21 14:43:04 2013  log/
16384  May 21 14:42:28 2013  lost+found/
   456  May 21 14:51:42 2013  mts.log
3123584 May 21 14:42:38 2013  n1000vh-dk9-kickstart.5.2.1.SM1.5.0.357.bin
90078471 May 21 14:42:58 2013  n1000vh-dk9.5.2.1.SM1.5.0.357.bin
  3699  May 23 19:27:23 2013  sh-logging.gz
  4096  May 21 14:43:23 2013  vdc_2/
  4096  May 21 14:43:23 2013  vdc_3/
  4096  May 21 14:43:23 2013  vdc_4/
14816014 May 21 14:43:01 2013  vsmhv-pa.2.0.0.14.bin
```

## Related Commands

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

# gzip

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

**gzip** *filename*

<b>Syntax Description</b>	<i>filename</i>	File name. The name is alphanumeric, case-sensitive and can be up to 28 characters.
<b>Defaults</b>	None	
<b>Command Modes</b>	Any	
<b>SupportedUserRoles</b>	network-admin	
<b>Usage Guidelines</b>	After you use this command, the file is replaced with the compressed filename that has the .gz extension. The Cisco Nexus 1000V software uses Lempel-Ziv 1977 (LZ77) coding for compression.	
<b>Examples</b>	This example shows how to compress a file: n1000v# <b>gzip run_cfg.cfg</b>	
<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>dir</b>	Displays the directory contents.
	<b>gunzip</b>	Uncompresses a compressed file.