

G Commands

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group

To configure a Modular Exponentiation (MODP) Diffie-Hellman (DH) group for an IKE protocol policy, use the **group** command in IKE policy configuration submode. To revert to the default, use the **no** form of the command.

group {**1** | **2** | **5**}
no group

Syntax Description

1	Specifies 768-bit MODP DH group.
2	Specifies 1024-bit MODP DH group.
5	Specifies 1536-bit MODP DH group.

Command Default

1.

Command Modes

IKE policy configuration submode.

Command History

Release	Modification
2.0(x)	This command was introduced.

Usage Guidelines

To use this command, the IKE protocol must be enabled using the **crypto ike enable** command.

Examples

The following example shows how to configure the DH group for the IKE protocol:

```
switch# config terminal
switch(config)# crypto ike domain ipsec
switch(config-ike-ipsec)# policy 1
switch(config-ike-ipsec-policy)# group 1
```

Related Commands

Command	Description
crypto ike domain ipsec	Enters IKE configuration mode.
crypto ike enable	Enables the IKE protocol.
policy	Configures IKE policy parameters.
show crypto ike domain ipsec	Displays IKE information for the IPsec domain.

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 location for the file to be compressed and destination of the compressed file.
slot0:	Source location for the file to be compressed and destination of the compressed file.
volatile:	Source location for the file to be compressed and destination of the compressed file. This is the default directory.
filename	The name of the file to be compressed.

Command Default

None.

Command Modes

EXEC mode.

Command History

Release	Modification
1.1(1)	This command was introduced.

Usage Guidelines

This command is useful in compressing large files. The output of the **show tech-support** command can directed to a file and compressed for further use. The **gzip** command replaces the source file with a compressed .gz file.

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 **gunzip** command in EXEC mode.

gunzip {**bootflash:** | **slot0:** | **volatile:**} *filename*

Syntax Description

bootflash:	Specifies the source location for the compressed file and destination of the uncompressed file.
slot0:	Specifies the source location for the compressed file and destination of the uncompressed file.
volatile:	Specifies the source location for the compressed file and destination of the uncompressed file. This is the default directory.
filename	Specifies the name of the compressed file.

Command Default

None.

Command Modes

EXEC mode.

Command History

Release	Modification
1.1(1)	This command was introduced.

Usage Guidelines

This command is useful in uncompressing large files. The **gunzip** command replaces the compressed.gz source file with an uncompressed file.

Examples

This example unzips a compressed file on volatile: directory and displays the space used:

```
switch# dir
     266069     Jul 04 00:51:03 2003  Samplefile.gz
Usage for volatile://
     266240 bytes used
   20705280 bytes free
   20971520 bytes total
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.