F Commands

fabric clear

fabric <nodes> clear <scope>

Description: clear switch information

Syntax:

<nodes>	node list
<scope>	switch command

Command Mode: exec : Exec Mode

Command Path:

```
# fabric <nodes> clear <scope>
```

fabric show

fabric <nodes> show <scope>

Description: show switch information

Syntax:

<nodes>	node list
<scope>	switch command

Command Mode: exec : Exec Mode

Command Path:

```
# fabric <nodes> show <scope>
```

fex-interface-group

fex-interface-group <WORD>

Description: Configure Fex Interface Group

Syntax:

WORD	Fex Interface Group Name (Max Size 64)

Command Mode: fex-profile : Configure Fex Profile

Command Path:

```
# configure [['terminal', 't']]
(config)# fex-profile <WORD>
(config-fex-profile)# fex-interface-group <WORD>
```

fex-profile

fex-profile <WORD>

Description: Configure Fex Profile

Syntax:

WORD	Fex Profile Name (Max Size 64)

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# fex-profile <WORD>
```

fex

fex associate <NUMBER> template <WORD>

Description: Configure Fex on the Interface

Syntax:

associate	Associate the port to a FEX
NUMBER	Fex Number. Number range from=101 to=164
template	Associate a template
WORD	Fex Template Name (Max Size 64)

Command Mode: leaf-interface-group : Configure Leaf Interface Group

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf-interface-profile <WORD>
(config-leaf-if-profile)# leaf-interface-group <WORD>
(config-leaf-if-group)# fex associate <NUMBER> template <WORD>
```

fex associate <arg>

Description: Configure Fex on the Interface

Syntax:

associate	Associate the port to a FEX
arg	Fex Number. Number range from=101 to=164

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# fex associate <>
```

file

file <FILENAME>

Description: Snapshot file name

Syntax:

FILENAME	Snapshot file name

Command Mode: snapshot download : Configuration snapshot download setup mode

Command Path:

```
# configure [['terminal', 't']]
(config)# snapshot download <WORD>
(config-download)# file <FILENAME>
```

file <FILENAME>

Description: Snapshot file name

Syntax:

FILENAME	Snapshot file name

Command Mode: snapshot import : Configuration import setup mode

Command Path:

```
# configure [['terminal', 't']]
(config)# snapshot import <WORD>
(config-import)# file <FILENAME>
```

file <FILENAME>

Description: Snapshot file name

Syntax:

FILENAME	Snapshot file name

Command Mode: snapshot upload : Configuration snapshot upload setup mode

Command Path:

```
# configure [['terminal', 't']]
(config)# snapshot upload <WORD>
(config-upload)# file <FILENAME>
```

filter

filter <WORD>

Description: Set the LDAP filter to be used in a user search

Syntax:

<WORD>	filter used in user search (Max Size 63)

Command Mode: ldap-server host : LDAP server DNS name or IP address

Command Path:

```
# configure [['terminal', 't']]
(config)# ldap-server host <A.B.C.D|A:B::C:D|WORD>
(config-host)# filter <WORD>
```

filter tenant <tenant_name> application <application_name> epg <epg_name>

Description: EPG filter

Syntax:

tenant	tenant
tenant_name	tenant name (Max Size 63)
application	application
application_name	application name (Max Size 64)
epg	epg
epg_name	epg name (Max Size 64)

Command Mode: source interface ethernet : Configure monitor for ethernet access interfaces

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor access session <session_name>
(config-monitor-access)# source interface ethernet <ethernet> leaf <leaf Id>
(config-monitor-access-source)# filter tenant <tenant_name> application <application_name>
 epg <epg_name>
```

filter tenant <tenant_name> application <application_name> epg <epg_name>

Description: EPG filter

Syntax:

tenant	tenant
tenant_name	tenant name (Max Size 63)
application	application
application_name	application name (Max Size 64)
epg	epg
epg_name	epg name (Max Size 64)

Command Mode: source interface port-channel : Configure monitor for port-channel interfaces

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor access session <session_name>
(config-monitor-access)# source interface port-channel <port-channel list> leaf <leaf Id>
[fex <fex Id>]
(config-monitor-access-source)# filter tenant <tenant_name> application <application_name>
 epg <epg_name>
```

filter tenant <tenant_name> application <application_name> epg <epg_name>

Description: EPG filter

Syntax:

tenant	tenant
tenant_name	tenant name (Max Size 63)
application	application
application_name	application name (Max Size 64)
epg	epg
epg_name	epg name (Max Size 64)

Command Mode: source interface vpc : Configure monitor for VPC interfaces

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor access session <session_name>
(config-monitor-access)# source interface vpc <vpc list> leaf <leaf Id1> <leaf Id2> [fex
<fex Ids>]
(config-monitor-access-source)# filter tenant <tenant_name> application <application_name>
 epg <epg_name>
```

filter tenant bd

filter tenant <tenant_name> bd <bd_name>

Description: BD filter

Syntax:

tenant	tenant
tenant_name	tenant name
bd_name	BD name

Command Mode: source interface ethernet : Configure monitor for ethernet fabric interfaces

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor fabric session <session_name>
(config-monitor-fabric)# source interface ethernet <ethernet> switch <switch Id>
(config-monitor-fabric-source)# filter tenant <tenant_name> bd <bd_name>
```

filter tenant vrf

filter tenant <tenant_name> vrf <vrf_name>

Description: VRF filter

Syntax:

tenant	tenant
tenant_name	tenant name
vrf_name	vrf name

Command Mode: source interface ethernet : Configure monitor for ethernet fabric interfaces

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor fabric session <session_name>
(config-monitor-fabric)# source interface ethernet <ethernet> switch <switch Id>
(config-monitor-fabric-source)# filter tenant <tenant_name> vrf <vrf_name>
```

firewall-logging

firewall-logging server-group <WORD> [severity severity <severity-info>] [polling-interval <polling-interval>]

Description: Configure firewall-logging on AVS

Syntax:

server-group	Specify server group name
WORD	Logging server-group name (Max Size 64)
severity <severity-info>	(Optional) Specify severity info
polling-interval	(Optional) Specify polling interval time in seconds. Number range from=60 to=86400

Command Mode: configure-avs : Configure a VMware Domain as AVS (N1K) type

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD>
(config-vmware)# configure-avs
(config-vmware-avs)# firewall-logging server-group <WORD> [severity severity <severity-info>]
 [polling-interval <polling-interval>]
```

firewall

firewall mode enabled|disabled|learning

Description: Configure firewall mode on AVS

Syntax:

mode	firewall mode
enabled	Enabled mode
disabled	Disabled mode
learning	Learning mode

Command Mode: configure-avs : Configure a VMware Domain as AVS (N1K) type

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD>
(config-vmware)# configure-avs
(config-vmware-avs)# firewall mode enabled|disabled|learning
```

firmware-version

firmware-version <version>

Description: Set target firmware version

Syntax:

<version>	firmware version

Command Mode: controller-group : Controller Upgrade Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# firmware
(config-firmware)# controller-group
(config-firmware-controller)# firmware-version <version>
```

firmware-version <version>

Description: Set target firmware version

Syntax:

<version>	firmware version

Command Mode: switch-group : Create switch firmware upgrade policy

Command Path:

```
# configure [['terminal', 't']]
(config)# firmware
(config-firmware)# switch-group <WORD>
(config-firmware-switch)# firmware-version <version>
```

firmware

firmware

Description: Firmware upgrade configuration Mode

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# firmware
```

firmware repository add

firmware repository add <WORD>

Description: Add firmware image to repository

Syntax:

WORD	Firmware image filename(absolute path)

Command Mode: exec : Exec Mode

Command Path:

```
# firmware repository add <WORD>
```

firmware repository delete

firmware repository delete <WORD>

Description: Remove firmware image from repository

Syntax:

WORD	Firmware image name

Command Mode: exec : Exec Mode

Command Path:

```
# firmware repository delete <WORD>
```

firmware upgrade controller-group

firmware upgrade controller-group

Description: Trigger controller-group upgrade

Command Mode: exec : Exec Mode

Command Path:

```
# firmware upgrade controller-group
```

firmware upgrade switch-group

firmware upgrade switch-group <WORD>

Description: Trigger switch-group upgrade

Syntax:

WORD	switch-group name (Max Size 64)

Command Mode: exec : Exec Mode

Command Path:

```
# firmware upgrade switch-group <WORD>
```

first-file

first-file <FILENAME>

Description: First snapshot file name

Syntax:

FILENAME	First snapshot file name

Command Mode: snapshot rollback : Configuration rollback setup mode

Command Path:

```
# configure [['terminal', 't']]
(config)# snapshot rollback <WORD>
(config-rollback)# first-file <FILENAME>
```

first-name

first-name <WORD>

Description: Set the first name of the locally-authenticated user.

Syntax:

WORD	first name (Max Size 32)

Command Mode: username : Create a locally-authenticated user account

Command Path:

```
# configure [['terminal', 't']]
(config)# username <WORD>
(config-username)# first-name <WORD>
```

format

format xml|short-txt|aml

Description: Configure the format of the message

Syntax:

xml	Xml
short-txt	Short-txt
aml	Aml

Command Mode: destination : Configure destination Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# callhome common
(config-callhome)# destination-profile
(config-callhome-destnprof)# destination <WORD>
(config-callhome-destnprof-destn)# format xml|short-txt|aml
```

format xml|json

Description: Snapshot format: xml or json

Syntax:

xml	XML format
json	JSON format

Command Mode: snapshot export : Configuration export setup mode

Command Path:

```
# configure [['terminal', 't']]
(config)# snapshot export <WORD>
(config-export)# format xml|json
```