



A Commands

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aaa accounting dot1x default group

[no] aaa accounting dot1x default group <grp_name> +

Syntax Description

aaa	Configure aaa functions
accounting	Configure accounting methods
dot1x	accounting methods for dot1x
default	default aaa methods
<i>grp_name</i>	server group name

Command Mode

- /exec/configure

aaa authentication dot1x default group

[no] aaa authentication dot1x default group <grp_name> +

Syntax Description

aaa	Configure aaa functions
authentication	Configure authentication methods
<i>grp_name</i>	server group name

Command Mode

- /exec/configure

aaa authentication login ascii-authentication

[no] aaa authentication login ascii-authentication

Syntax Description

no	(Optional) Negate a command or set its defaults
aaa	Configure aaa functions
authentication	Configure authentication methods
login	Configure methods for login
ascii-authentication	enable ascii authentication

Command Mode

- /exec/configure

aaa authentication login console

```
[no] aaa authentication login console { group <s0> [ { local1 | none | <s1> [ { local1 | none | <s2> [ { local1 | none | <s3> [ { local1 | none | <s4> [ { local1 | none | <s5> [ { local1 | none | <s6> [ { local1 | none | <s7> [ { local1 | none } ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] | local | none }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
aaa	Configure aaa functions
authentication	Configure authentication methods
login	Configure methods for login
console	Configure console methods
group	Specify server groups
<i>s0</i>	Server group name
none	(Optional) No authentication
<i>s1</i>	(Optional) Server group name
none	(Optional) No authentication
<i>s2</i>	(Optional) Server group name
none	(Optional) No authentication
<i>s3</i>	(Optional) Server group name
none	(Optional) No authentication
<i>s4</i>	(Optional) Server group name
none	(Optional) No authentication
<i>s5</i>	(Optional) Server group name
none	(Optional) No authentication
<i>s6</i>	(Optional) Server group name
none	(Optional) No authentication
<i>s7</i>	(Optional) Server group name
none	(Optional) No authentication
local	Use local username authentication
local1	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

none	No authentication
------	-------------------

Command Mode

- /exec/configure

aaa authentication login default

```
[no] aaa authentication login default { group <s0> [ { local1 | none | <s1> [ { local1 | none | <s2> [ { local1 | none | <s3> [ { local1 | none | <s4> [ { local1 | none | <s5> [ { local1 | none | <s6> [ { local1 | none | <s7> [ { local1 | none } ] ] ] ] ] ] ] ] ] ] ] ] ] ] | local | none }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
aaa	Configure aaa functions
authentication	Configure authentication methods
login	Configure methods for login
default	Configure default methods
group	Specify server group and maximum number of server groups supported is 8
<i>s0</i>	Server group name
none	(Optional) No authentication
<i>s1</i>	(Optional) Server group name
none	(Optional) No authentication
<i>s2</i>	(Optional) Server group name
none	(Optional) No authentication
<i>s3</i>	(Optional) Server group name
none	(Optional) No authentication
<i>s4</i>	(Optional) Server group name
none	(Optional) No authentication
<i>s5</i>	(Optional) Server group name
none	(Optional) No authentication
<i>s6</i>	(Optional) Server group name
none	(Optional) No authentication
<i>s7</i>	(Optional) Server group name
none	(Optional) No authentication
local	Use local username authentication

local1	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
none	No authentication

Command Mode

- /exec/configure

aaa authentication login default fallback error local

[no] aaa authentication login { default | console } fallback error local

Syntax Description

no	(Optional) Negate a command or set its defaults
aaa	Configure aaa functions
authentication	Configure authentication methods
login	Configure methods for login
default	Configure default methods
console	Configure console methods
fallback	Configure fallback behavior
error	Fallback in case all AAA servers configured for remote authentication are unreachable (Authentication error)
local	Fallback to local authentication

Command Mode

- /exec/configure

aaa authentication login enable

[no] aaa authentication login { mschap | mschapv2 | chap } enable

Syntax Description

no	(Optional) Negate a command or set its defaults
aaa	Configure aaa functions
authentication	Configure authentication methods
login	Configure methods for login
mschap	MSCHAP authentication for login
mschapv2	MSCHAP V2 authentication for login
chap	CHAP authentication for login
enable	enable the authentication for login

Command Mode

- /exec/configure

aaa authentication login error-enable

[no] aaa authentication login error-enable

Syntax Description

no	(Optional) Negate a command or set its defaults
aaa	Configure aaa functions
authentication	Configure authentication methods
login	Configure methods for login
error-enable	enable display of error message on login failures

Command Mode

- /exec/configure

aaa authentication login invalid-username-log

[no] aaa authentication login invalid-username-log

Syntax Description

no	(Optional) Negate a command or set its defaults
aaa	Configure aaa functions
authentication	Configure authentication methods
login	Configure methods for login
invalid-username-log	enable invalid username log

Command Mode

- /exec/configure

aaa authentication rejected

[no] aaa authentication rejected

Syntax Description

no	Negate a command or set its defaults
aaa	Configure aaa functions
authentication	Configure authentication methods
rejected	Set max number of fail attempts

Command Mode

- /exec/configure

aaa authentication rejected in ban

aaa authentication rejected <i1> in <i2> ban <i3>

Syntax Description

aaa	Configure aaa functions
authentication	Configure authentication methods
rejected	Set max number of fail attempts
<i>i1</i>	Fail attempts max value
in	Watch period for fail attempts
<i>i2</i>	Time period in seconds
ban	Block time period
<i>i3</i>	Time period in seconds

Command Mode

- /exec/configure

aaa authorization commands console

```
[no] aaa authorization { commands | config-commands } console { group <s0> [ { local | none | <s1> [ { local | none | <s2> [ { local | none | <s3> [ { local | none | <s4> [ { local | none | <s5> [ { local | none | <s6> [ { local | none | <s7> [ { local | none } ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] | local | none }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
aaa	Configure aaa functions
authorization	Configure authorization methods
commands	Authorization for all exec-mode commands
config-commands	Authorization for config commands
console	Configure methods console
group	Specify server groups
<i>s0</i>	Server group name
<i>s1</i>	(Optional) Server group name
<i>s2</i>	(Optional) Server group name
<i>s3</i>	(Optional) Server group name
<i>s4</i>	(Optional) Server group name
<i>s5</i>	(Optional) Server group name
<i>s6</i>	(Optional) Server group name
<i>s7</i>	(Optional) Server group name
local	(Optional) Use local RBACL based authorization
none	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec/configure

aaa authorization commands default

```
[no] aaa authorization { commands | config-commands } default { group <s0> [ { local | none | <s1> [ { local | none | <s2> [ { local | none | <s3> [ { local | none | <s4> [ { local | none | <s5> [ { local | none | <s6> [ { local | none | <s7> [ { local | none } ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] | local | none }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
aaa	Configure aaa functions
authorization	Configure authorization methods
commands	Authorization for all exec-mode commands
config-commands	Authorization for config commands
default	Configure default methods
group	Specify server groups
s0	Server group name
s1	(Optional) Server group name
s2	(Optional) Server group name
s3	(Optional) Server group name
s4	(Optional) Server group name
s5	(Optional) Server group name
s6	(Optional) Server group name
s7	(Optional) Server group name
local	(Optional) Use local RBACL based authorization
none	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec/configure

aaa authorization ssh default group

```
[no] aaa authorization { ssh-publickey | ssh-certificate } default { group <s0> [ { local1 | <s1> [ { local1 | <s2> [ { local1 | <s3> [ { local1 | <s4> [ { local1 | <s5> [ { local1 | <s6> [ { local1 | <s7> [ { local1 } ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] | local }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
aaa	Configure aaa functions
authorization	Configure authorization methods
ssh-publickey	Configure ssh publickey
ssh-certificate	Configure ssh certificate
default	Configure default ssh methods
group	Specify server groups
<i>s0</i>	Server group name
<i>s1</i>	(Optional) Server group name
<i>s2</i>	(Optional) Server group name
<i>s3</i>	(Optional) Server group name
<i>s4</i>	(Optional) Server group name
<i>s5</i>	(Optional) Server group name
<i>s6</i>	(Optional) Server group name
<i>s7</i>	(Optional) Server group name
local	Use local username authentication
local1	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec/configure

aaa bypass-user

[no] aaa bypass-user <s0> { [accounting] [authorization] | [authorization] [accounting] }

Syntax Description

no	(Optional) Negate a command or set its defaults
aaa	Configure aaa functions
bypass-user	Configure bypass user
s0	Enter the username
accounting	(Optional) Bypass accounting
authorization	(Optional) Bypass authorization

Command Mode

- /exec/configure

aaa group server ldap

[no] aaa group server ldap <s0>

Syntax Description

no	(Optional) Negate a command or set its defaults
aaa	Configure aaa functions
group	Configure aaa server group
server	Configure aaa server group
ldap	LDAP server group name
s0	LDAP server group name

Command Mode

- /exec/configure

aaa group server radius

[no] aaa group server radius <s0>

Syntax Description

no	(Optional) Negate a command or set its defaults
aaa	Configure aaa functions
group	Configure aaa server group
server	Configure aaa server group
radius	RADIUS server group name
s0	RADIUS server group name

Command Mode

- /exec/configure

aaa group server tacacs

[no] aaa group server tacacs <s0>

Syntax Description

no	(Optional) Negate a command or set its defaults
aaa	Configure aaa functions
group	Configure aaa server group
server	Configure aaa server group
tacacs	TACACS+ server group name
s0	TACACS+ server group name

Command Mode

- /exec/configure

aaa server radius dynamic-author

[no] aaa server radius dynamic-author

Syntax Description

no	(Optional) Negate a command or set its defaults
aaa	Configure aaa functions
server	Local AAA server
radius	Profile for local radius server
dynamic-author	Local server profile for RFC 5176 support

Command Mode

- /exec/configure

aaa user default-role

[no] aaa user default-role

Syntax Description

no	(Optional) Negate a command or set its defaults
aaa	Configure aaa functions
user	Remotely authenticated user
default-role	Default role assigned by aaa-admin for remote authentication

Command Mode

- /exec/configure

abort

abort

Syntax Description

abort	abort itd session
-------	-------------------

Command Mode

- /exec/configure/itd-session-device-group

abort

abort [session]

Syntax Description

abort	Abort the current configuration session
session	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec/configure

abort

abort

Syntax Description

abort	abort epbr session
-------	--------------------

Command Mode

- /exec/configure/epbr-sess

abort

abort

Syntax Description

abort	Abort the current configuration session
-------	---

Command Mode

- /exec/configure

abort

abort

Syntax Description

abort	Exit region configuration mode, aborting changes
-------	--

Command Mode

- /exec/configure/spanning-tree/mst/configuration

absolute-timeout

{ absolute-timeout <i0> | no absolute-timeout [<i0>] }

Syntax Description

no	Negate a command or set its defaults
absolute-timeout	Configure absolute timeout
<i>i0</i>	Enter timeout in minutes, 0 to disable

Command Mode

- /exec/configure/line

absolute start

```
{ [ <seqno> ] | no } absolute { start <stime> <sday> <smonth> <syear> [ end <etime> <eday> <emonth>
<eyear> ] | end <etime> <eday> <emonth> <eyear> }
```

Syntax Description

<i>seqno</i>	(Optional) Sequence number
no	Negate a command or set its defaults
absolute	Absolute time and date
start	Starting time and date
<i>stime</i>	Starting time
<i>sday</i>	Day of the month
<i>smonth</i>	Month
<i>syear</i>	Year
end	(Optional) Ending time and date
<i>etime</i>	(Optional) Ending time
<i>eday</i>	(Optional) Day of the month
<i>emonth</i>	(Optional) Month
<i>eyear</i>	(Optional) Year

Command Mode

- /exec/configure/timerange

```
accept-lifetime smonth_a smonth_b smonth_c smonth_d smonth_e smonth_f smonth_g smonth_h smonth_i smonth_j smonth_k smonth_l duration infinite
emonth_a emonth_b emonth_c emonth_d emonth_e emonth_f emonth_g emonth_h emonth_i emonth_j emonth_k emonth_l
```

**accept-lifetime smonth_a smonth_b smonth_c smonth_d
smonth_e smonth_f smonth_g smonth_h smonth_i smonth_j
smonth_k smonth_l duration infinite emonth_a emonth_b
emonth_c emonth_d emonth_e emonth_f emonth_g emonth_h
emonth_i emonth_j emonth_k emonth_l**

```
{ { accept-lifetime [ local ] <stime> { smonth_a | smonth_b | smonth_c | smonth_d | smonth_e | smonth_f |
smonth_g | smonth_h | smonth_i | smonth_j | smonth_k | smonth_l } <sday> <syyear> { duration <dsec> |
infinite | <etime> { emonth_a | emonth_b | emonth_c | emonth_d | emonth_e | emonth_f | emonth_g | emonth_h
| emonth_i | emonth_j | emonth_k | emonth_l } <eday> <eyear> } } | { no accept-lifetime [ [ local ] <stime>
{ smonth_a | smonth_b | smonth_c | smonth_d | smonth_e | smonth_f | smonth_g | smonth_h | smonth_i |
smonth_j | smonth_k | smonth_l } <sday> <syyear> { duration <dsec> | infinite | <etime> { emonth_a | emonth_b
| emonth_c | emonth_d | emonth_e | emonth_f | emonth_g | emonth_h | emonth_i | emonth_j | emonth_k |
emonth_l } <eday> <eyear> } ] } }
```

Syntax Description

no	Negate a command or set its defaults
accept-lifetime	Set accept lifetime of key
local	(Optional) Specify time in local timezone
<i>stime</i>	HH:MM:SS Time to start <0-23>:<0-59>:<0-59>
<i>etime</i>	HH:MM:SS Time to end <0-23>:<0-59>:<0-59>
smonth_a	
smonth_b	
smonth_c	
smonth_d	
smonth_e	
smonth_f	
smonth_g	
smonth_h	
smonth_i	
smonth_j	
smonth_k	

accept-lifetime smonth_a smonth_b smonth_c smonth_d smonth_e smonth_f smonth_g smonth_h smonth_i smonth_j smonth_k smonth_l duration infinite
 emonth_a emonth_b emonth_c emonth_d emonth_e emonth_f emonth_g emonth_h emonth_i emonth_j emonth_k emonth_l

smonth_l	
emonth_a	
emonth_b	
emonth_c	
emonth_d	
emonth_e	
emonth_f	
emonth_g	
emonth_h	
emonth_i	
emonth_j	
emonth_k	
emonth_l	
<i>sday</i>	Day of the month to start
<i>eday</i>	Day of the month to end
<i>syear</i>	Year to start
<i>eyear</i>	Year to start
duration	Set key lifetime duration
<i>dsec</i>	Duration in seconds
infinite	Never Expires

Command Mode

- /exec/configure/keychain-key

access-class

[no] access-class <name> <inout>

Syntax Description

no	(Optional) Negate a command or set its defaults
access-class	Specify IPv4 access control for packets
<i>name</i>	List name
<i>inout</i>	Traffic direction

Command Mode

- /exec/configure/line

access-list

[no] access-list <acl-name> [device-group <dgrp_name>]

Syntax Description

no	(Optional) Negate a command or set its defaults
access-list	ITD access-list name
device-group	(Optional) device-group
<i>acl-name</i>	ITD user ACL name
<i>dgrp_name</i>	(Optional) access-list device-group name

Command Mode

- /exec/configure/itd

access-list ipv6

[no] access-list ipv6 <acl-name> [device-group <dgrp_name>]

Syntax Description

no	(Optional) Negate a command or set its defaults
access-list	ITD access-list name
ipv6	ipv6 access-list
device-group	(Optional) device-group
<i>acl-name</i>	ITD user ACL name
<i>dgrp_name</i>	(Optional) access-list ipv6 device-group name

Command Mode

- /exec/configure/itd

aclog match-log-level

[no] aclog match-log-level <level>

Syntax Description

no	(Optional) Negate a command or set its defaults
aclog	Configure ACL logging
match-log-level	aclog logging level
<i>level</i>	match log level

Command Mode

- /exec/configure

action

[no] action <label>

Syntax Description

no	Negate a command or set its defaults
action	Configure the actions to be executed
<i>label</i>	Enter the label <num1>[.<num2>] for action order num2 must be 0-9

Command Mode

- /exec/configure/event-manager-applet

action

[no] action { drop [log] | forward | redirect <intf> }

Syntax Description

no	(Optional) Negate a command or set its defaults
action	Specify the action clause
drop	Drop matched packets
log	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
forward	Forward matched packets
redirect	Redirect matched packets to the specified interface(s)
<i>intf</i>	Interface traffic is redirected to

Command Mode

- /exec/configure/vacli

action cli

action <label> cli [local] <vsh_cmd>

Syntax Description

action	Configure the actions to be executed
<i>label</i>	Enter the label <num1>[.<num2>] for action order num2 must be 0-9
cli	Configure a VSH CLI action
local	(Optional) Execute the action in the same card on which the event happens
<i>vsh_cmd</i>	Enter the vsh command

Command Mode

- /exec/configure/event-manager-applet

action collect

```
action <label> collect { { <yaml_file> [ max-triggers <m_value> | rate-limit <value> | purge-time <p_value>
] + <component> } | disable }
```

Syntax Description

action	Configure the actions to be executed
<i>label</i>	Enter the label <num1>[.<num2>] for action order num2 must be 0-9
collect	Collect debugging info using a yaml file
<i>yaml_file</i>	Enter the YAML input file or folder inside which yaml files are present. The path/name has to be relative to bootflash:scripts
max-triggers	(Optional) Limit number of triggers
<i>m_value</i>	(Optional) Enter the value in integer
rate-limit	(Optional) Limit trigger based collection for a period of time
<i>value</i>	(Optional) Enter value in seconds
purge-time	(Optional) Change the time period for which older files are purged
<i>p_value</i>	(Optional) Enter purge time value in minutes
<i>component</i>	Enter the component for tech-support collection
disable	Disable the trigger based collection

Command Mode

- /exec/configure/event-manager-applet

action counter name value op

action <label> counter name <counter-name> value <counter-value> op <op-val>

Syntax Description

action	Configure the actions to be executed
<i>label</i>	Enter the label <num1>[.<num2>] for action order num2 must be 0-9
counter	Specify the name of the counter
name	Specify the name of the counter
<i>counter-name</i>	Name of the counter
value	Specify the value to be applied to the counter
<i>counter-value</i>	Enter an integer value or a \$ prefixed name (parameter substitution)
op	Specify the operator to be applied
<i>op-val</i>	Enter the value of the operator

Command Mode

- /exec/configure/event-manager-applet

action eem test

action <label> eem test <param>

Syntax Description

action	Configure the actions to be executed
<i>label</i>	Enter the label <num1>[.<num2>] for action order num2 must be 0-9
eem	Event Manager command
test	Do test action
<i>param</i>	Test action parameter (dummy value)

Command Mode

- /exec/configure/event-manager-applet

action event-default

action <label> event-default

Syntax Description

action	Configure the actions to be executed
<i>label</i>	Enter the label <num1>[.<num2>] for action order num2 must be 0-9
event-default	Do default action for the event

Command Mode

- /exec/configure/event-manager-applet

action forceshut reset-reason

```
[no] action <label2> forceshut [ { module { <module> | <mod-str> } | <s0> { <santa-cruz-range> | <santa-cruz-string> } } ] reset-reason <reset_reason_string>
```

Syntax Description

<code>no</code>	(Optional) Negate a command or set its defaults
<code>action</code>	Configure the actions to be executed
<code>label2</code>	Enter the label <num1>[.<num2>] for action order num2 must be 0-9
<code>forceshut</code>	Force the entire switch to shut down
<code>module</code>	(Optional) Optional. Module to be forced to shut down(optional argument)
<code>module</code>	(Optional) please enter the module number
<code>mod-str</code>	(Optional) Enter the module number (integer value) or a \$ prefixed parameter name
<code>s0</code>	(Optional) Optional. Xbar to be forced to shut down(optional argument)
<code>santa-cruz-range</code>	(Optional) please enter the xbar number
<code>santa-cruz-string</code>	(Optional) Enter the xbar number (integer value) or a \$ prefixed parameter name
<code>reset-reason</code>	Shut down (with reset-reason)
<code>reset_reason_string</code>	please enter reset_reason_string in quotes

Command Mode

- /exec/configure/event-manager-applet

action overbudgetshut

[no] action <label> overbudgetshut [module { <module> | <mod-str> }]

Syntax Description

no	(Optional) Negate a command or set its defaults
action	Configure the actions to be executed
<i>label</i>	Enter the label <num1>[.<num2>] for action order num2 must be 0-9
overbudgetshut	Shut down the specified LCs due to power over budget
module	(Optional) Optional. Module to be force-shut(optional arg)
<i>module</i>	(Optional) please enter the module number
<i>mod-str</i>	(Optional) Enter the module number (integer value) or a \$ prefixed parameter name

Command Mode

- /exec/configure/event-manager-applet

action policy-default

action <label> policy-default

Syntax Description

action	Configure the actions to be executed
<i>label</i>	Enter the label <num1>[.<num2>] for action order num2 must be 0-9
policy-default	Do default action(s) of the policy being overridden

Command Mode

- /exec/configure/event-manager-applet

action reload force

[no] action <label> reload [module { <module> | <mod-str> }] force

Syntax Description

no	(Optional) Negate a command or set its defaults
action	Configure the actions to be executed
<i>label</i>	Enter the label <num1>[.<num2>] for action order num2 must be 0-9
reload	Reload the system or a specific module
module	(Optional) Reload a specific module
force	reload without prompting
<i>module</i>	(Optional) please enter the module number
<i>mod-str</i>	(Optional) Enter the module number (integer value) or a \$ prefixed parameter name

Command Mode

- /exec/configure/event-manager-applet

action snmp-trap

action <label> snmp-trap [intdata1 <integer-data1>] [intdata2 <integer-data2>] [strdata <string-data>]

Syntax Description

action	Configure the actions to be executed
<i>label</i>	Enter the label <num1>[.<num2>] for action order num2 must be 0-9
snmp-trap	Send
intdata1	(Optional) Enter
<i>integer-data1</i>	(Optional) Integer
intdata2	(Optional) Enter
<i>integer-data2</i>	(Optional) Integer
strdata	(Optional) Enter
<i>string-data</i>	(Optional) String

Command Mode

- /exec/configure/event-manager-applet

action syslog msg

action <label> syslog [priority { <prio> | <prio-str> }] msg <msg-text>

Syntax Description

action	Configure the actions to be executed
<i>label</i>	Enter the label <num1>[.<num2>] for action order num2 must be 0-9
syslog	Generate a syslog message
priority	(Optional) Priority of the syslog message
<i>prio</i>	(Optional) Enter the priority
<i>prio-str</i>	(Optional) Enter a valid \$ prefixed name, for parameter substitution
msg	Enter the message for the syslog
<i>msg-text</i>	The message text

Command Mode

- /exec/configure/event-manager-applet

activate mode-100M

[no] activate mode-100M

Syntax Description

no	(Optional) Negate a command or set its defaults
activate	Activate new mode
mode-100M	Activate mode-100M

Command Mode

- /exec/configure

additional-paths install backup

[no] additional-paths install backup

Syntax Description

no	(Optional) Negate a command or set its defaults
additional-paths	Additional paths configuration
install	Install backup path
backup	Install backup path

Command Mode

- /exec/configure/router-bgp/router-bgp-af-ipv6 /exec/configure/router-bgp/router-bgp-vrf-af-ipv6
/exec/configure/router-bgp/router-bgp-af-ipv4 /exec/configure/router-bgp/router-bgp-vrf-af-ipv4

additional-paths receive

[no] additional-paths receive

Syntax Description

no	(Optional) Negate a command or set its defaults
additional-paths	Additional paths configuration
receive	Additional paths Receive capability

Command Mode

- /exec/configure/router-bgp/router-bgp-af /exec/configure/router-bgp/router-bgp-af-ipv4-mvpn /exec/configure/router-bgp/router-bgp-af-ipv6-mvpn /exec/configure/router-bgp/router-bgp-af-vpn4 /exec/configure/router-bgp/router-bgp-af-vpn6 /exec/configure/router-bgp/router-bgp-af-ipv4-label /exec/configure/router-bgp/router-bgp-af-ipv6-label /exec/configure/router-bgp/router-bgp-af-l2vpn-evpn

additional-paths selection route-map

[no] additional-paths selection route-map <rmap-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
additional-paths	Additional paths configuration
selection	Additional paths selection
route-map	Route-map for additional paths selection
<i>rmap-name</i>	Route-map name

Command Mode

- /exec/configure/router-bgp/router-bgp-af /exec/configure/router-bgp/router-bgp-af-ipv4
/exec/configure/router-bgp/router-bgp-af-ipv6 /exec/configure/router-bgp/router-bgp-af-ipv6-label
/exec/configure/router-bgp/router-bgp-af-ipv4-mvpn /exec/configure/router-bgp/router-bgp-af-ipv6-mvpn
/exec/configure/router-bgp/router-bgp-af-ipv4-label /exec/configure/router-bgp/router-bgp-af-l2vpn-evpn

additional-paths send

[no] additional-paths send

Syntax Description

no	(Optional) Negate a command or set its defaults
additional-paths	Additional paths configuration
send	Additional paths Send capability

Command Mode

- /exec/configure/router-bgp/router-bgp-af /exec/configure/router-bgp/router-bgp-af-vpn4
/exec/configure/router-bgp/router-bgp-af-ipv6 /exec/configure/router-bgp/router-bgp-af-ipv6-label
/exec/configure/router-bgp/router-bgp-af-ipv4-mvpn /exec/configure/router-bgp/router-bgp-af-ipv6-mvpn
/exec/configure/router-bgp/router-bgp-af-ipv4-label /exec/configure/router-bgp/router-bgp-af-l2vpn-evpn

address-family ipv4

[no] address-family ipv4

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
ipv4	Configure IPv4 address-family

Command Mode

- /exec/configure/config-sr-mpls/config-sr-mpls-conn-pfxsid

address-family ipv4 labeled-unicast

{ [no | default] } address-family ipv4 labeled-unicast

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
address-family	Configure an address-family for peer
ipv4	Configure IPv4 address-family
labeled-unicast	Configure labeled unicast sub-address-family

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor /exec/configure/router-bgp/router-bgp-template-neighbor /exec/configure/router-bgp/router-bgp-prefixneighbor

address-family ipv4 labeled-unicast

[no] address-family ipv4 labeled-unicast

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
ipv4	Configure IPv4 address-family
labeled-unicast	Configure labeled unicast sub-address-family

Command Mode

- /exec/configure/router-bgp

address-family ipv4 mdt

{ [no | default] } address-family ipv4 mdt

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
address-family	Configure an address-family
ipv4	Configure IPv4 address-family
mdt	Configure Multicast Distribution Tree

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor /exec/configure/router-bgp/router-bgp-template-neighbor /exec/configure/router-bgp/router-bgp-prefixneighbor

address-family ipv4 mdt

[no] address-family ipv4 mdt

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
ipv4	Configure IPv4 address-family
mdt	Configure Multicast Distribution Tree

Command Mode

- /exec/configure/router-bgp

address-family ipv4 mvpn

[no] address-family ipv4 mvpn

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
ipv4	Configure IPv4 address-family
mvpn	Configure Multicast VPN

Command Mode

- /exec/configure/router-bgp

address-family ipv4 mvpn

{ [no | default] } address-family ipv4 mvpn

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
address-family	Configure an address-family
ipv4	Configure IPv4 address-family
mvpn	Configure Multicast VPN

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor /exec/configure/router-bgp/router-bgp-template-neighbor /exec/configure/router-bgp/router-bgp-prefixneighbor

address-family ipv4 unicast

[no | default] address-family ipv4 { unicast | multicast }

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
address-family	Configure an address-family for peer
ipv4	Configure IPv4 address-family
unicast	Configure Unicast sub-address-family
multicast	Configure Multicast sub-address-family

Command Mode

- /exec/configure/router-bgp/router-bgp-vrf-neighbor
/exec/configure/router-bgp/router-bgp-vrf-prefixneighbor

address-family ipv4 unicast

[no] address-family ipv4 unicast

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
ipv4	Configure IPv4 address-family
unicast	Configure unicast address-family

Command Mode

- /exec/configure/router-rip

address-family ipv4 unicast

[no] address-family ipv4 unicast

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
ipv4	Configure IPv4 address-family
unicast	Configure unicast address-family

Command Mode

- /exec/configure/router-rip/router-rip-vrf

address-family ipv4 unicast

[no] address-family ipv4 unicast

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
ipv4	Configure IPv4 address-family
unicast	Configure unicast address-family

Command Mode

- /exec/configure/router-isis/router-isis-vrf-common

address-family ipv4 unicast

[no] address-family ipv4 unicast

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
ipv4	Configure IPv4 address-family
unicast	Configure unicast address-family

Command Mode

- /exec/configure/router-eigrp/router-eigrp-vrf-common

address-family ipv4 unicast

[no] { address-family ipv4 unicast }

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure Address Family and its parameters
ipv4	Configure IPv4 Address Family parameters
unicast	Unicast

Command Mode

- /exec/configure/mpls_static

address-family ipv4 unicast

[no] address-family ipv4 unicast

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure address family
ipv4	Configure IPv4 address family
unicast	Configure Unicast address family

Command Mode

- /exec/configure/vrf

address-family ipv4 unicast

[no] address-family ipv4 { unicast | multicast }

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
ipv4	Configure IPv4 address-family
unicast	Configure unicast address-family
multicast	Configure multicast address-family

Command Mode

- /exec/configure/router-bgp

address-family ipv4 unicast

[no] address-family ipv4 { unicast | multicast }

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
ipv4	Configure IPv4 address-family
unicast	Configure unicast address-family
multicast	Configure multicast address-family

Command Mode

- /exec/configure/router-bgp/router-bgp-vrf

address-family ipv4 unicast

```
{ [ no | default ] } address-family ipv4 { unicast | multicast }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
address-family	Configure an address-family for peer
ipv4	Configure IPv4 address-family
unicast	Configure Unicast sub-address-family
multicast	Configure Multicast sub-address-family

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor /exec/configure/router-bgp/router-bgp-template-neighbor /exec/configure/router-bgp/router-bgp-prefixneighbor

address-family ipv6 labeled-unicast

{ [no | default] } address-family ipv6 labeled-unicast

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
address-family	Configure an address-family for peer
ipv6	Configure IPv6 address-family
labeled-unicast	Configure labeled unicast sub-address-family

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor /exec/configure/router-bgp/router-bgp-template-neighbor /exec/configure/router-bgp/router-bgp-prefixneighbor

address-family ipv6 labeled-unicast

[no] address-family ipv6 labeled-unicast

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
ipv6	Configure IPv6 address-family
labeled-unicast	Configure labeled unicast sub-address-family

Command Mode

- /exec/configure/router-bgp

address-family ipv6 mvpn

[no] address-family ipv6 mvpn

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
ipv6	Configure IPv6 address-family
mvpn	Configure Multicast VPN

Command Mode

- /exec/configure/router-bgp

address-family ipv6 mvpn

{ [no | default] } address-family ipv6 mvpn

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
address-family	Configure an address-family
ipv6	Configure IPv6 address-family
mvpn	Configure Multicast VPN

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor /exec/configure/router-bgp/router-bgp-template-neighbor /exec/configure/router-bgp/router-bgp-prefixneighbor

address-family ipv6 unicast

[no] address-family ipv6 unicast

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
ipv6	Configure IPv6 address-family
unicast	Configure IPv6 unicast address-family

Command Mode

- /exec/configure/router-ospf3

address-family ipv6 unicast

[no] address-family ipv6 unicast

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
ipv6	Configure IPv6 address-family
unicast	Configure unicast address-family

Command Mode

- /exec/configure/router-rip

address-family ipv6 unicast

[no] address-family ipv6 unicast

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
ipv6	Configure IPv6 address-family
unicast	Configure unicast address-family

Command Mode

- /exec/configure/router-rip/router-rip-vrf

address-family ipv6 unicast

[no] address-family ipv6 unicast

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
ipv6	Configure IPv6 address-family
unicast	Configure unicast address-family

Command Mode

- /exec/configure/router-isis/router-isis-vrf-common

address-family ipv6 unicast

[no] address-family ipv6 unicast

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
ipv6	Configure IPv6 address-family
unicast	Configure IPv6 unicast address-family

Command Mode

- /exec/configure/router-ospf3/vrf

address-family ipv6 unicast

[no] address-family ipv6 unicast

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
ipv6	Configure IPv6 address-family
unicast	Configure unicast address-family

Command Mode

- /exec/configure/router-eigrp/router-eigrp-vrf-common

address-family ipv6 unicast

[no] { address-family ipv6 unicast }

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure Address Family and its parameters
ipv6	Configure IPv6 Address Family parameters
unicast	Unicast

Command Mode

- /exec/configure/mpls_static

address-family ipv6 unicast

[no] address-family ipv6 unicast

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure address family
ipv6	Configure IPv6 address family
unicast	Configure Unicast address family

Command Mode

- /exec/configure/vrf

address-family ipv6 unicast

[no] address-family ipv6 { unicast | multicast }

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
ipv6	Configure IPv6 address-family
unicast	Configure unicast address-family
multicast	Configure multicast address-family

Command Mode

- /exec/configure/router-bgp

address-family ipv6 unicast

[no] address-family ipv6 { unicast | multicast }

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
ipv6	Configure IPv6 address-family
unicast	Configure unicast address-family
multicast	Configure multicast address-family

Command Mode

- /exec/configure/router-bgp/router-bgp-vrf

address-family ipv6 unicast

```
{ [ no | default ] } address-family ipv6 { unicast | multicast }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
address-family	Configure an address-family for peer
ipv6	Configure IPv6 address-family
unicast	Configure Unicast sub-address-family
multicast	Configure Multicast sub-address-family

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor /exec/configure/router-bgp/router-bgp-template-neighbor /exec/configure/router-bgp/router-bgp-prefixneighbor

address-family ipv6 unicast

[no | default] address-family ipv6 { unicast | multicast }

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
address-family	Configure an address-family for peer
ipv6	Configure IPv6 address-family
unicast	Configure Unicast sub-address-family
multicast	Configure Multicast sub-address-family

Command Mode

- /exec/configure/router-bgp/router-bgp-vrf-neighbor
/exec/configure/router-bgp/router-bgp-vrf-prefixneighbor

address-family l2vpn evpn

{ [no | default] } address-family l2vpn evpn

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
address-family	Configure an address-family
l2vpn	Configure L2VPN address-family
evpn	Configure L2VPN EVPN address-family

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor /exec/configure/router-bgp/router-bgp-template-neighbor /exec/configure/router-bgp/router-bgp-prefixneighbor

address-family l2vpn evpn

[no] address-family l2vpn evpn

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
l2vpn	Configure L2VPN address-family
evpn	Configure L2VPN EVPN address-family

Command Mode

- /exec/configure/router-bgp

address-family l2vpn vpls

{ [no | default] } address-family l2vpn vpls

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
address-family	Configure an address-family
l2vpn	Configure L2VPN address-family
vpls	Configure L2VPN VPLS address-family

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor /exec/configure/router-bgp/router-bgp-template-neighbor /exec/configure/router-bgp/router-bgp-prefixneighbor

address-family l2vpn vpls

[no] address-family l2vpn vpls

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
l2vpn	Configure L2VPN address-family
vpls	Configure L2VPN VPLS address-family

Command Mode

- /exec/configure/router-bgp

address-family link-state

{ [no | default] } address-family link-state

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
address-family	Configure an address-family
link-state	Configure link-state address-family

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor /exec/configure/router-bgp/router-bgp-template-neighbor /exec/configure/router-bgp/router-bgp-prefixneighbor

address-family link-state

[no] address-family link-state

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
link-state	Configure link-state address-family

Command Mode

- /exec/configure/router-bgp

address-family vpnv4 unicast

[no] address-family vpnv4 unicast

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
vpnv4	Configure IPv4 VPN address-family
unicast	Configure Unicast sub-address-family

Command Mode

- /exec/configure/router-bgp

address-family vpnv4 unicast

{ [no | default] } address-family vpnv4 unicast

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
address-family	Configure an address-family for peer
vpnv4	Configure IPv4 VPN address-family
unicast	Configure Unicast sub-address-family

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor /exec/configure/router-bgp/router-bgp-template-neighbor /exec/configure/router-bgp/router-bgp-prefixneighbor

address-family vpnv6 unicast

[no] address-family vpnv6 unicast

Syntax Description

no	(Optional) Negate a command or set its defaults
address-family	Configure an address-family
vpnv6	Configure IPv6 VPN address-family
unicast	Configure Unicast sub-address-family

Command Mode

- /exec/configure/router-bgp

address-family vpnv6 unicast

{ [no | default] } address-family vpnv6 unicast

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
address-family	Configure an address-family for peer
vpnv6	Configure IPv6 VPN address-family
unicast	Configure Unicast sub-address-family

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor /exec/configure/router-bgp/router-bgp-template-neighbor /exec/configure/router-bgp/router-bgp-prefixneighbor

address

[no] address <start-ip> <end-ip>

Syntax Description

no	(Optional) Negate a command or set its defaults
address	Address range for the pool
<i>start-ip</i>	Start IP address
<i>end-ip</i>	End IP address

Command Mode

- /exec/configure/ipnat-pool

address

```
{ address <ip_address> | no address [ <ip_address> ] }
```

Syntax Description

no	Negate a command or set its defaults
address	Add an IP address to the vr
<i>ip_address</i>	ip address

Command Mode

- /exec/configure/if-eth-any/vrrp

address

[no] address <ip_addr> [primary]

Syntax Description

no	(Optional) Negate a command or set its defaults
address	IP Address
primary	(Optional) Primary Address
<i>ip_addr</i>	IPv4 Address

Command Mode

- /exec/configure/if-eth-any/vrrpv3_ipv4

address

[no] address <ipv6_addr>

Syntax Description

no	(Optional) Negate a command or set its defaults
address	IP Address

Command Mode

- /exec/configure/if-eth-any/vrrpv3_ipv6

address

[no] address <ip_addr>

Syntax Description

no	(Optional) Negate a command or set its defaults
address	IP Address configuration
<i>ip_addr</i>	IP Address

Command Mode

- /exec/configure/if-eth-any/vrrs

address

[no] address <ipv6_addr>

Syntax Description

no	(Optional) Negate a command or set its defaults
address	IP Address configuration

Command Mode

- /exec/configure/if-eth-any/vrrs

address port-number

address { <ipv4-addr> | <ipv6-addr> } port-number <port-number> | no address

Syntax Description

no	Negate a command or set its defaults
address	Configure IPv4 or IPv6 address
<i>ipv4-addr</i>	IPv4 address of the BMP server
port-number	Configure the port for the BMP server
<i>port-number</i>	Port number value

Command Mode

- /exec/configure/router-bgp/router-bgp-bmp-server

address primary

[no] address <ipv6_addr> primary

Syntax Description

no	(Optional) Negate a command or set its defaults
address	IP Address
primary	Primary Address

Command Mode

- /exec/configure/if-eth-any/vrrpv3_ipv6

address secondary

[no] address <ip_addr> secondary

Syntax Description

no	(Optional) Negate a command or set its defaults
address	IP Address
secondary	Secondary Address
<i>ip_addr</i>	IPv4 Address

Command Mode

- /exec/configure/if-eth-any/vrrpv3_ipv4

address secondary

{ address <ip_address> secondary | no address <ip_address> secondary }

Syntax Description

no	Negate a command or set its defaults
address	Add an IP address to the vr
<i>ip_address</i>	ip address
secondary	a virtual IP address without owner

Command Mode

- /exec/configure/if-eth-any/vrrp

adjacency-check

[no] adjacency-check

Syntax Description

no	(Optional) Negate a command or set its defaults
adjacency-check	Adjacency's protocol support consistency check

Command Mode

- /exec/configure/router-isis/router-isis-af-ipv4 /exec/configure/router-isis/router-isis-af-ipv6

advertise-gw-ip

[no | default] advertise-gw-ip

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
advertise-gw-ip	Advertise Gateway IP in Type-5 routes to neighbor

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-l2vpn-evpn

advertise-labels

```
[no] advertise-labels [ vrf { <vrf-name> | <vrf-known-name> } ] [ [ for <pfx-list> [ to <peer-pfx-list> ] ] ] [ interface <intf> ] ]
```

Syntax Description

no	(Optional) Negate a command or set its defaults
advertise-labels	Label advertisements
vrf	(Optional) VRF Routing/Forwarding instance information
<i>vrf-name</i>	(Optional) VPN Routing/Forwarding instance name
<i>vrf-known-name</i>	(Optional) Known VRF name
for	(Optional) Prefix list specifying controls on destination prefixes
<i>pfx-list</i>	(Optional) Name of prefix list
to	(Optional) Prefix list specifying controls on LDP peers
<i>peer-pfx-list</i>	(Optional) Name of prefix list
interface	(Optional) Advertise /32 interface address
<i>intf</i>	(Optional)

Command Mode

- /exec/configure/ldp

advertise-map exist default advertise-map

{ [no] advertise-map <adv-t-rmap-name> { exist-map | non-exist-map } <cond-rmap-name> } | default advertise-map

Syntax Description

no	(Optional) Negate a command or set its defaults
default	Inherit values from a peer template
advertise-map	Specify route-map for conditional advertisement
exist-map	Condition route-map to advertise only when prefix in condition exists
non-exist-map	Condition route-map to advertise only when prefix in condition does not exist
<i>adv-t-rmap-name</i>	Route-map name
<i>cond-rmap-name</i>	Route-map name

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af
/exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv4-label
/exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv6-label

advertise-pip

[no] advertise-pip

Syntax Description

no	(Optional) Negate a command or set its defaults
advertise-pip	advertise physical ip for type-5 route

Command Mode

- /exec/configure/router-bgp/router-bgp-af-l2vpn-evpn

advertise-system-mac

[no] advertise-system-mac

Syntax Description

no	(Optional) Negate a command or set its defaults
advertise-system-mac	Advertise extra EVPN RT-2 with system MAC

Command Mode

- /exec/configure/router-bgp/router-bgp-af-l2vpn-evpn

advertise evpn multicast

[no] advertise evpn multicast

Syntax Description

no	(Optional) Negate a command or set its defaults
advertise	Advertise L2 multicast capability
evpn	evpn
multicast	L2 multicast

Command Mode

- /exec/configure

advertise interface

[no] advertise interface <interface> [<level>]

Syntax Description

no	(Optional) Negate a command or set its defaults
advertise	Advertise interface IP
interface	Advertise interface IP
<i>interface</i>	Interface to advertise
<i>level</i>	(Optional) IS-IS level

Command Mode

- /exec/configure/router-isis/router-isis-af-ipv4 /exec/configure/router-isis/router-isis-af-ipv6

advertise local-labeled-route

[no | default] advertise local-labeled-route

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
advertise	Advertise to peer
local-labeled-route	Advertise a route with local label to peer

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af

advertise passive-only level-1

[no] advertise passive-only level-1

Syntax Description

no	(Optional) Negate a command or set its defaults
advertise	Control what we advertise in our LSP
passive-only	Advertise prefixes of passive interfaces only
level-1	Advertise prefixes of passive interfaces only on level-1

Command Mode

- /exec/configure/router-isis/router-isis-af-ipv4 /exec/configure/router-isis/router-isis-af-ipv6

advertise passive-only level-2

[no] advertise passive-only level-2

Syntax Description

no	(Optional) Negate a command or set its defaults
advertise	Control what we advertise in our LSP
passive-only	Advertise prefixes of passive interfaces only
level-2	Advertise prefixes of passive interfaces only on level-2

Command Mode

- /exec/configure/router-isis/router-isis-af-ipv4 /exec/configure/router-isis/router-isis-af-ipv6

advertise virtual-rmac

[no] advertise virtual-rmac

Syntax Description

no	(Optional) Negate a command or set its defaults
advertise	Reachability advertisement
virtual-rmac	Advertise virtual RMAC capability

Command Mode

- /exec/configure/if-nve

advertisement-interval

{ advertisement-interval <interval_time> | no advertisement-interval [<interval_time>] }

Syntax Description

no	Negate a command or set its defaults
advertisement-interval	Set the time interval between advertisement
<i>interval_time</i>	Time interval (in seconds) between advertisements

Command Mode

- /exec/configure/if-eth-any/vrrp

advertisement-interval

advertisement-interval <adv-sec> | { no | default } advertisement-interval [<adv-sec>]

Syntax Description

no	Negate a command or set its defaults
default	Inherit values from a peer template
advertisement-interval	Minimum interval between sending BGP routing updates
<i>adv-sec</i>	Time in seconds

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af
/exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-vpnv4
/exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-vpnv6

afd queue-desired

[no] afd queue-desired <q-desired> { bytes | kbytes | mbytes } [ecn]

Syntax Description

no	(Optional) Negate a command or set its defaults
afd	Configure AFD parameters
queue-desired	Specify Queue Desired for AFD
bytes	Bytes
kbytes	Kilo bytes
mbytes	Mega bytes
ecn	(Optional) ECN

Command Mode

- /exec/configure/policy-map/type/queuing/class

affinity-group

```
{ affinity-group <affinity_group_id> } | { { no | default } affinity-group [ <affinity_group_id> ] }
```

Syntax Description

no	Negate a command or set its defaults
default	Inherit values from a peer template
affinity-group	Configure an affinity group
<i>affinity_group_id</i>	Affinity Group ID

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor-sess

affinity-group activate

affinity-group activate <affinity_group_id> | no affinity-group activate [<affinity_group_id>]

Syntax Description

no	Negate a command or set its defaults
affinity-group	Configure an affinity group
activate	Activate the affinity group
<i>affinity_group_id</i>	AFFINITY Group ID

Command Mode

- /exec/configure/router-bgp

affinity-map

[no] affinity-map

Syntax Description

no	(Optional) Negate a command or set its defaults
affinity-map	Configure Affinity map

Command Mode

- /exec/configure/sr/te

affinity

[no] affinity

Syntax Description

no	(Optional) Negate a command or set its defaults
affinity	Configure Affinity Constraints

Command Mode

- /exec/configure/sr/te/color/cndpaths/pref/constraint

affinity

[no] affinity

Syntax Description

no	(Optional) Negate a command or set its defaults
affinity	Configure Affinity Constraints

Command Mode

- /exec/configure/sr/te/pol/cndpaths/pref/constraint

affinity

[no] affinity

Syntax Description

no	(Optional) Negate a command or set its defaults
affinity	Specify the interface affinities

Command Mode

- /exec/configure/sr/te/if

age

{ [no] age <age> | no age }

Syntax Description

age	Provide the age value for this INT flow-profile
<i>age</i>	flow-profile age (seconds). Default is 30.

Command Mode

- /exec/configure/config-int-flow-prof

age

{ [no] age <age> | no age }

Syntax Description

age	Provide the age value for this POSTCARD flow-profile
<i>age</i>	flow-profile age (seconds). Default is 30.

Command Mode

- /exec/configure/config-postcard-flow-prof

aggregate-address

[no] aggregate-address { <ip-addr> <ip-mask> | <ip-prefix> } [as-set | summary-only | suppress-map <suppress-rmap> | advertise-map <advertise-rmap> | attribute-map <attribute-rmap>] +

Syntax Description

no	(Optional) Negate a command or set its defaults
aggregate-address	Configure BGP aggregate prefixes
<i>ip-addr</i>	Aggregate address
<i>ip-mask</i>	Aggregate mask
<i>ip-prefix</i>	Aggregate prefix
summary-only	(Optional) Don't advertise more specifics
as-set	(Optional) Generate AS-SET information
suppress-map	(Optional) Conditionally filter more specific routes
advertise-map	(Optional) Select attribute information from specific routes
attribute-map	(Optional) Set attribute information of aggregate
<i>advertise-rmap</i>	(Optional) Route-map name
<i>suppress-rmap</i>	(Optional) Route-map name
<i>attribute-rmap</i>	(Optional) Route-map name

Command Mode

- /exec/configure/router-bgp/router-bgp-af-ipv4 /exec/configure/router-bgp/router-bgp-vrf-af-ipv4

aggregate-address

[no] aggregate-address <ipv6-prefix> [as-set | summary-only | suppress-map <suppress-rmap> | advertise-map <advertise-rmap> | attribute-map <attribute-rmap>] +

Syntax Description

no	(Optional) Negate a command or set its defaults
aggregate-address	Configure BGP aggregate IPv6 prefixes
as-set	(Optional) Generate AS-SET information
summary-only	(Optional) Don't advertise more specifics
suppress-map	(Optional) Conditionally filter more specific routes
advertise-map	(Optional) Select attribute information from specific routes
attribute-map	(Optional) Set attribute information of aggregate
<i>advertise-rmap</i>	(Optional) Route-map name
<i>suppress-rmap</i>	(Optional) Route-map name
<i>attribute-rmap</i>	(Optional) Route-map name

Command Mode

- /exec/configure/router-bgp/router-bgp-af-ipv6 /exec/configure/router-bgp/router-bgp-vrf-af-ipv6

alert-group user-def-cmd

```
{ alert-group { Configuration | Diagnostic | Environmental | Inventory | License | Linecard-Hardware |
Supervisor-Hardware | Syslog-group-port | System | Test } [ index <i0> ] user-def-cmd <s0> | no alert-group
{ Configuration | Diagnostic | Environmental | Inventory | License | Linecard-Hardware | Supervisor-Hardware
| Syslog-group-port | System | Test } index <i0> }
```

Syntax Description

no	Negate a command or set its defaults
alert-group	alert group
user-def-cmd	configure a cli command for an alert group
index	(Optional) configure an index(1 to 5) for the cli command for the alert group
<i>i0</i>	(Optional) Index between 1 to 5 associate with cli command for an alert group
<i>s0</i>	A valid CLI command
Environmental	Power,fan,temperature related events
Inventory	Inventory status events
License	Events related to licensing
Linecard-Hardware	Linecard related events
Supervisor-Hardware	Supervisor related events
Syslog-group-port	Events related to syslog messages filed by port manager
System	Software related events
Test	User generated test events
Configuration	Events related to Configuration
Diagnostic	Events related to Diagnostic

Command Mode

- /exec/configure/callhome

alloc mode

[no] alloc mode <sid-alloc-mode>

Syntax Description

no	(Optional) Negate a command or set its defaults
alloc	Sid allocation parameters
mode	Specify sid allocation mode
<i>sid-alloc-mode</i>	

Command Mode

- /exec/configure/router-bgp/router-bgp-vrf-af/router-bgp-vrf-af-srv6
/exec/configure/router-bgp/router-bgp-af/router-bgp-af-srv6

alloc mode

[no] alloc mode <sid-alloc-mode>

Syntax Description

no	(Optional) Negate a command or set its defaults
alloc	Sid allocation parameters
mode	Specify sid allocation mode
<i>sid-alloc-mode</i>	

Command Mode

- /exec/configure/router-bgp/router-bgp-vrf/router-bgp-vrf-srv6 /exec/configure/router-bgp/router-bgp-srv6

allocate-index

{ allocate-index <id> } | { no allocate-index [<id>] }

Syntax Description

no	Unconfigure allocate-index
allocate-index	Configure allocate-index
<i>id</i>	Specify allocate-index

Command Mode

- /exec/configure/router-bgp/router-bgp-vrf

allocate-label all

[no] allocate-label { all | route-map <map-name> }

Syntax Description

no	(Optional) Negate a command or set its defaults
allocate-label	Configure label allocation for this AF
all	Allocate labels for all routes
route-map	Allocate labels for selected routes
<i>rmap-name</i>	Route-map name

Command Mode

- /exec/configure/router-bgp/router-bgp-af-ipv6 /exec/configure/router-bgp/router-bgp-af-ipv4

allocate-label option-b

[no] allocate-label option-b

Syntax Description

no	(Optional) Negate a command or set its defaults
allocate-label	Allow allocation of labels
option-b	Allow allocation of option B labels

Command Mode

- /exec/configure/router-bgp/router-bgp-af-ipv4 /exec/configure/router-bgp/router-bgp-af-ipv6

allocate1 interface2

```
allocate1 interface2 { <interface-id> [ force ] | unallocated-interfaces }
```

Syntax Description

allocate1	Assign interfaces to vdc
interface2	Assign interface range to vdc
<i>interface-id</i>	Assign interface range to vdc
force	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
unallocated-interfaces	Best-effort trying to move all interfaces in the unallocated pool into this vdc

Command Mode

- /exec/configure/vdc

allocate2 fcoe-vlan-range

```
{ allocate2 fcoe-vlan-range [ <vlan_range> ] [ from vdc <vdc_names> ] } | { no allocate2 fcoe-vlan-range
[ <vlan_range> | { from vdc <vdc_names> } ] }
```

Syntax Description

no	Negate a command or set its defaults
allocate2	Assign interfaces to vdc
fcoe-vlan-range	vlan reserved for FCoE
<i>vlan_range</i>	(Optional) vlans reserved for FCoE
from	(Optional) which vdc will be sharing ports with the FCoE vdc
vdc	(Optional) which vdc will be sharing ports with the FCoE vdc
<i>vdc_names</i>	(Optional) which vdc will be sharing porst with the FCoE vdc

Command Mode

- /exec/configure/vdc

allocate3 shared interface3

[no] allocate3 shared interface3 <sinterface-id>

Syntax Description

no	(Optional) Negate a command or set its defaults
allocate3	Assign interfaces to vdc
interface3	Assign interface range to vdc
<i>sinterface-id</i>	Assign interface range to vdc
shared	Shared this port using the reserved FCoE vlans

Command Mode

- /exec/configure/vdc

allow-vni-in-ethertag

[no] allow-vni-in-ethertag

Syntax Description

no	(Optional) Negate a command or set its defaults
allow-vni-in-ethertag	Allow VNI in Ethernet Tag field in EVPN route

Command Mode

- /exec/configure/router-bgp/router-bgp-af-l2vpn-evpn

allow feature-set

[no] allow feature-set <fs>

Syntax Description

no	(Optional) Negate a command or set its defaults
allow	Used to change permissions inside a vdc
feature-set	Change which feature-sets the user is able to enable inside the vdc
<i>fs</i>	installed feature-sets

Command Mode

- /exec/configure/vdc

allowas-in

[no | default] allowas-in [<allowas-in-cnt>]

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
allowas-in	Accept as-path with my AS present in it
<i>allowas-in-cnt</i>	(Optional) Number of occurrences of AS number, default is 3

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-l2vpn-vpls

allowas-in

[no | default] allowas-in [<allowas-in-cnt>]

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
allowas-in	Accept as-path with my AS present in it
<i>allowas-in-cnt</i>	(Optional) Number of occurrences of AS number, default is 3

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af
- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-vpnv4
- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-vpnv6
- /exec/configure/router-bgp/router-bgp-vrf-neighbor/router-bgp-vrf-neighbor-af-ipv4
- /exec/configure/router-bgp/router-bgp-vrf-neighbor/router-bgp-vrf-neighbor-af-ipv6
- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-l2vpn-evpn
- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv4-label
- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv6-label
- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-link-state
- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv4-mvpn
- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv6-mvpn
- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv4-mdt

allowed-locators

{ [no] allowed-locators { <rloc> | <rloc6> } + }

Syntax Description

no	(Optional) Negate a command or set its defaults
allowed-locators	List of locators from LISP site
<i>rloc</i>	IPv4 locator allowed in registered locator-set

Command Mode

- /exec/configure/lisp-site /exec/configure/vrf/lisp-site

allowed-vlans

allowed-vlans { <allow-vlans> | add <add-vlans> | except <except-vlans> | remove <remove-vlans> | all }

Syntax Description

allowed-vlans	Set list of allowed vlans that can be used for interface configuration
<i>allow-vlans</i>	VLAN ID 1-4094 or range(s) like: 1-5, 10 or 2-5,7-19
add	add VLANs to the current list
<i>add-vlans</i>	VLAN ID 1-4094 or range(s) like: 1-5, 10 or 2-5,7-19
except	all VLANs except the following
<i>except-vlans</i>	VLAN ID 1-4094 or range(s) like: 1-5, 10 or 2-5,7-19
remove	remove VLANs from the current list
<i>remove-vlans</i>	VLAN ID 1-4094 or range(s) like: 1-5, 10 or 2-5,7-19
all	all VLANs

Command Mode

- /exec/configure/vmt-conn

amt flush-routes

[no] amt flush-routes

Syntax Description

no	(Optional) Negate a command or set its defaults
amt	AMT global configuration commands
flush-routes	Remove routes when restarting AMT

Command Mode

- /exec/configure /exec/configure/vrf

amt pseudo-interface

```
{ { amt pseudo-interface <interface> } | { no amt pseudo-interface [ <interface> ] } }
```

Syntax Description

no	Negate a command or set its defaults
amt	AMT global configuration commands
pseudo-interface	Tunnel to relay for forwarding IGMP/MLD messages
<i>interface</i>	Interface name to be used for AMT pseudo interface

Command Mode

- /exec/configure /exec/configure/vrf

analytics cluster

[no] analytics cluster <clustername> [vrf <vrfName>] [srcIf <src_intf>]

Syntax Description

no	(Optional) Negate a command or set its defaults
analytics	Feature Analytics
cluster	Analytics cluster
<i>clustername</i>	Cluster name
vrf	(Optional) VRF Name
<i>vrfName</i>	(Optional) VRF name
srcIf	(Optional) Source Interface
<i>src_intf</i>	(Optional) Source Interface

Command Mode

- /exec/configure

anonymous-id

{ [no] anonymous-id <id> }

Syntax Description

anonymous-id	anonymous identity associated with this profile
<i>id</i>	identity name

Command Mode

- /exec/configure/dot1x-cred

anti-jam disable

[no] anti-jam disable

Syntax Description

no	(Optional) Negate a command or set its defaults
anti-jam	Anti-jam mode configuration
disable	Disable anti-jam mode

Command Mode

- /exec/configure/gnss-if

apply profile

```
[no] apply profile { <all_conf_profile_name> } [ include-profile <include-profile> ] [ { param-instance <plistinst> | include-instance <plistinst> } + ]
```

Syntax Description

no	(Optional) Negate a command or set its defaults
apply	Apply a config-profile
profile	Apply a config-profile
<i>all_conf_profile_name</i>	Enter the name of the profile
param-instance	(Optional) Enter the name of the param-instance
<i>plistinst</i>	(Optional) Enter the name of the instance
include-profile	(Optional) Enter the name of the include profile
<i>include-profile</i>	(Optional) Enter the name of the include profile
include-instance	(Optional) Enter the param-instance corresponding to the first included profile
<i>plistinst</i>	(Optional) Enter the name of the include instance

Command Mode

- /exec/configure

area authentication

[no] area <area-id-ip> authentication [message-digest]

Syntax Description

no	(Optional) Negate a command or set its defaults
area	Configure area properties
<i>area-id-ip</i>	Area Id as an integer or ip address
authentication	Enable authentication for the area
message-digest	(Optional) Use message-digest authentication

Command Mode

- /exec/configure/router-ospf /exec/configure/router-ospf/vrf

area authentication disable ipsec spi md5

```
{ [ no ] area <area-id-ip> authentication { disable | ipsec spi <spi_id> { md5 <akey> | sha1 <akey> } } } | {
no area <area-id-ip> authentication { disable | ipsec spi <spi_id> } }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
area	Configure area properties
<i>area-id-ip</i>	Area Id as an integer or ip address
authentication	Enable Authentication
disable	Disable Authentication
ipsec	IPSec
spi	Security Parameter Index
<i>spi_id</i>	SPI Value
md5	Use the MD5 algorithm
<i>akey</i>	Authentication Key
sha1	Use the SHA1 algorithm
<i>akey</i>	Authentication Key

Command Mode

- /exec/configure/router-ospf3 /exec/configure/router-ospf3/vrf

area default-cost

```
{ { area <area-id-ip> default-cost <cost> } | { no area <area-id-ip> default-cost [ <cost> ] } }
```

Syntax Description

no	Negate a command or set its defaults
area	Configure area properties
<i>area-id-ip</i>	Area Id as an integer or ip address
default-cost	Specify default-cost for default summary LSA
<i>cost</i>	Cost value

Command Mode

- /exec/configure/router-ospf /exec/configure/router-ospf/vrf

area default-cost

```
{ { area <area-id-ip> default-cost <cost> } | { no area <area-id-ip> default-cost [ <cost> ] } }
```

Syntax Description

no	Negate a command or set its defaults
area	Configure area properties
<i>area-id-ip</i>	Area Id as an integer or ip address
default-cost	Specify default-cost for default inter-area-prefix LSA
<i>cost</i>	Cost value

Command Mode

- /exec/configure/router-ospf3/router-ospf3-af-ipv6 /exec/configure/router-ospf3/vrf/router-ospf3-af-ipv6

area filter-list route-map in

```
{ area <area-id-ip> filter-list route-map { <policy-name> | <rtr_pol_name> } { in | out } } | { no area
<area-id-ip> filter-list route-map { <policy-name> | <rtr_pol_name> } [ in | out ] }
```

Syntax Description

no	Negate a command or set its defaults
area	Configure area properties
<i>area-id-ip</i>	Area Id as an integer or ip address
filter-list	Filter prefixes between OSPF areas
route-map	Name of filter policy
<i>policy-name</i>	Route-map name
<i>rtr_pol_name</i>	An existing routing-rules policy
in	Filter networks sent to this area
out	Filter networks sent from this area

Command Mode

- /exec/configure/router-ospf3/router-ospf3-af-ipv6 /exec/configure/router-ospf3/vrf/router-ospf3-af-ipv6

area filter-list route-map in

```
{ area <area-id-ip> filter-list route-map { <policy-name> | <rtr_pol_name> } { in | out } } | { no area
<area-id-ip> filter-list route-map { <policy-name> | <rtr_pol_name> } [ in | out ] }
```

Syntax Description

no	Negate a command or set its defaults
area	Configure area properties
<i>area-id-ip</i>	Area Id as an integer or ip address
filter-list	Filter prefixes between OSPF areas
route-map	Name of filter policy
<i>policy-name</i>	Route-map name
<i>rtr_pol_name</i>	An existing routing-rules policy
in	Filter networks sent to this area
out	Filter networks sent from this area

Command Mode

- /exec/configure/router-ospf /exec/configure/router-ospf/vrf

area nssa

[no] area <area-id-ip> nssa { [no-summary] [no-redistribution] [default-information-originate [route-map <policy-name>]] } +

Syntax Description

no	(Optional) Negate a command or set its defaults
area	Configure area properties
<i>area-id-ip</i>	Area Id as an integer or ip address
nssa	Configure area as NSSA
no-summary	(Optional) Do not send summary LSAs into NSSA area
no-redistribution	(Optional) Do not send redistributed LSAs into NSSA area
default-information-originate	(Optional) Originate Type-7 default LSA into NSSA area
route-map	(Optional) Policy to control distribution of default route
<i>policy-name</i>	(Optional) Route-map name

Command Mode

- /exec/configure/router-ospf3 /exec/configure/router-ospf3/vrf

area nssa

[no] area <area-id-ip> nssa { [no-summary] [no-redistribution] [default-information-originate [route-map <policy-name>]] } +

Syntax Description

no	(Optional) Negate a command or set its defaults
area	Configure area properties
<i>area-id-ip</i>	Area Id as an integer or ip address
nssa	Configure area as NSSA
no-summary	(Optional) Do not send summary LSAs into NSSA area
no-redistribution	(Optional) Do not send redistributed LSAs into NSSA area
default-information-originate	(Optional) Originate Type-7 default LSA into NSSA area
route-map	(Optional) Policy to control distribution of default route
<i>policy-name</i>	(Optional) Route-map name

Command Mode

- /exec/configure/router-ospf /exec/configure/router-ospf/vrf

area nssa translate type7 always never supress-fa

```
{ area <area-id-ip> nssa translate type7 { always [ supress-fa ] | never | supress-fa } } | { no area <area-id-ip>
nssa translate type7 [ always [ supress-fa ] | never | supress-fa ] }
```

Syntax Description

no	Negate a command or set its defaults
area	Configure area properties
<i>area-id-ip</i>	Area Id as an integer or ip address
nssa	Configure area as NSSA
translate	Translate LSA
type7	From Type 7 to Type 5
always	Always translate LSAs
never	Never translate LSAs
supress-fa	(Optional) Supress forwarding address in translated LSAs

Command Mode

- /exec/configure/router-ospf /exec/configure/router-ospf/vrf

area nssa translate type7 always never supress-fa

```
{ area <area-id-ip> nssa translate type7 { always [ supress-fa ] | never | supress-fa } } | { no area <area-id-ip>
nssa translate type7 [ always [ supress-fa ] | never | supress-fa ] }
```

Syntax Description

no	Negate a command or set its defaults
area	Configure area properties
<i>area-id-ip</i>	Area Id as an integer or ip address
nssa	Configure area as NSSA
translate	Translate LSA
type7	From NSSA-external (Type 7) to AS-external (Type 5)
always	Always translate LSAs
never	Never translate LSAs
supress-fa	(Optional) Supress forwarding address in translated LSAs

Command Mode

- /exec/configure/router-ospf3 /exec/configure/router-ospf3/vrf

area range

```
[no] area <area-id-ip> range { <ip-dest> <ip-mask> | <ip-prefix> } { [ not-advertise ] [ cost <conf-cost> ] }
```

+

Syntax Description

no	(Optional) Negate a command or set its defaults
area	Configure area properties
<i>area-id-ip</i>	Area Id as an integer or ip address
range	Configure an address range for an area
<i>ip-dest</i>	IP prefix format: i.i.i.i
<i>ip-mask</i>	IP network mask format: m.m.m.m
<i>ip-prefix</i>	IP prefix format: x.x.x.x/ml
not-advertise	(Optional) Suppress advertising the specified range
cost	(Optional) Cost to use for range
<i>conf-cost</i>	(Optional) Cost value

Command Mode

- /exec/configure/router-ospf /exec/configure/router-ospf/vrf

area range

[no] area <area-id-ip> range <ipv6-prefix> { [not-advertise] [cost <conf-cost>] } +

Syntax Description

no	(Optional) Negate a command or set its defaults
area	Configure area properties
<i>area-id-ip</i>	Area Id as an integer or ip address
range	Configure an address range for an area
not-advertise	(Optional) Suppress advertising the specified range
cost	(Optional) Cost to use for range
<i>conf-cost</i>	(Optional) Cost value

Command Mode

- /exec/configure/router-ospf3/router-ospf3-af-ipv6 /exec/configure/router-ospf3/vrf/router-ospf3-af-ipv6

area segment-routing mpls

[no] area <area-id-ip> segment-routing { mpls | disable }

Syntax Description

no	(Optional) Negate a command or set its defaults
area	Configure area properties
<i>area-id-ip</i>	Area Id as an integer or ip address
segment-routing	Segment routing parameters
disable	Disable segment routing in area
mpls	Enable segment routing MPLS in area

Command Mode

- /exec/configure/router-ospf

area sham-link

[no] area <area-id-ip> sham-link <source-address> <dest-address>

Syntax Description

no	(Optional) Negate a command or set its defaults
area	Configure area properties
<i>area-id-ip</i>	Area Id as an integer or ip address
sham-link	Define a sham link and its parameters
<i>source-address</i>	IP addr associated with sham-link source
<i>dest-address</i>	IP addr associated with sham-link destination

Command Mode

- /exec/configure/router-ospf/vrf

area stub

[no] area <area-id-ip> stub [no-summary]

Syntax Description

no	(Optional) Negate a command or set its defaults
area	Configure area properties
<i>area-id-ip</i>	Area Id as an integer or ip address
stub	Configure area as a stub
no-summary	(Optional) Prevent ABR from sending summary LSAs into stub area

Command Mode

- /exec/configure/router-ospf3 /exec/configure/router-ospf3/vrf

area stub

[no] area <area-id-ip> stub [no-summary]

Syntax Description

no	(Optional) Negate a command or set its defaults
area	Configure area properties
<i>area-id-ip</i>	Area Id as an integer or ip address
stub	Configure area as a stub
no-summary	(Optional) Prevent ABR from sending summary LSAs into stub area

Command Mode

- /exec/configure/router-ospf /exec/configure/router-ospf/vrf

area virtual-link

[no] area <area-id-ip> virtual-link <routerid>

Syntax Description

no	(Optional) Negate a command or set its defaults
area	Configure area properties
<i>area-id-ip</i>	Area Id as an integer or ip address
virtual-link	Define a virtual link and its parameters
<i>routerid</i>	Router ID associated with virtual link neighbor

Command Mode

- /exec/configure/router-ospf

area virtual-link

[no] area <area-id-ip> virtual-link <routerid>

Syntax Description

no	(Optional) Negate a command or set its defaults
area	Configure area properties
<i>area-id-ip</i>	Area Id as an integer or ip address
virtual-link	Define a virtual link and its parameters
<i>routerid</i>	Router ID associated with virtual link neighbor

Command Mode

- /exec/configure/router-ospf3

area virtual-link

[no] area <area-id-ip> virtual-link <routerid>

Syntax Description

no	(Optional) Negate a command or set its defaults
area	Configure area properties
<i>area-id-ip</i>	Area Id as an integer or ip address
virtual-link	Define a virtual link and its parameters
<i>routerid</i>	Router ID associated with virtual link neighbor

Command Mode

- /exec/configure/router-ospf3/vrf

area virtual-link

[no] area <area-id-ip> virtual-link <routerid>

Syntax Description

no	(Optional) Negate a command or set its defaults
area	Configure area properties
<i>area-id-ip</i>	Area Id as an integer or ip address
virtual-link	Define a virtual link and its parameters
<i>routerid</i>	Router ID associated with virtual link neighbor

Command Mode

- /exec/configure/router-ospf/vrf

arp access-list

[no] arp access-list <name>

Syntax Description

no	(Optional) Negate a command or set its defaults
arp	ARP access-list configuration commands
access-list	Configure access list
<i>name</i>	List name

Command Mode

- /exec/configure

as-format asdot

as-format asdot | no as-format

Syntax Description

no	Negate a command or set its defaults
as-format	Configure the router's Autonomous system number (ASN) notation
asdot	Specifies the Autonomous system number (ASN) notation to asdot format

Command Mode

- /exec/configure

as-override

[no | default] as-override

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
as-override	Override matching AS-number while sending update

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af
- /exec/configure/router-bgp/router-bgp-vrf-neighbor/router-bgp-vrf-neighbor-af-ipv4
- /exec/configure/router-bgp/router-bgp-vrf-neighbor/router-bgp-vrf-neighbor-af-ipv6
- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv4-label
- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv6-label
- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-l2vpn-evpn

association-group

[no] association-group

Syntax Description

no	(Optional) Negate a command or set its defaults
association-group	Candidate path association group

Command Mode

- /exec/configure/sr/te/color/cndpaths/pref/constraint

association-group

[no] association-group

Syntax Description

no	(Optional) Negate a command or set its defaults
association-group	Candidate path association group

Command Mode

- /exec/configure/sr/te/pol/cndpaths/pref/constraint

attach console module

attach console module <module>

Syntax Description

attach	Connect to a specific linecard
console	Connect to the console
module	Connect to the module console
<i>module</i>	Enter module number

Command Mode

- /exec

attach module

attach module <module>

Syntax Description

attach	Connect to a specific linecard
module	Module number of the linecard
<i>module</i>	Enter module number

Command Mode

- /exec

attribute-group

[no] attribute-group

Syntax Description

no	(Optional) Negate a command or set its defaults
attribute-group	Define attribute-group for default-zone

Command Mode

- /exec/configure/default-zone

attribute-group

[no] attribute-group <*s0*>

Syntax Description

no	(Optional) Negate a command or set its defaults
attribute-group	Attach attribute group
<i>s0</i>	Enter the name of attribute-group

Command Mode

- /exec/configure/zone

attribute-group

[no] attribute-group <*s0*>

Syntax Description

no	(Optional) Negate a command or set its defaults
attribute-group	Attach attribute group
<i>s0</i>	Enter the name of attribute-group

Command Mode

- /exec/configure/zoneset/zone

auth-mechanism plain

[no] auth-mechanism { plain }

Syntax Description

no	(Optional) Negate a command or set its defaults
auth-mechanism	Set the authentication mechanism
plain	Set the authentication mechanism as plain(default)

Command Mode

- /exec/configure/ldap

authentication-check

[no] authentication-check

Syntax Description

no	(Optional) Negate a command or set its defaults
authentication-check	Check authentication on received LSP/CSNP/PSNP's

Command Mode

- /exec/configure/otv-isis/otv-isis-vrf-common

authentication-check

[no] authentication-check

Syntax Description

no	(Optional) Negate a command or set its defaults
authentication-check	Check authentication on received LSP/CSNP/PSNP's

Command Mode

- /exec/configure/l2mp-isis/l2mp-isis-vrf-common

authentication-check level-1

[no] authentication-check level-1

Syntax Description

no	(Optional) Negate a command or set its defaults
authentication-check	Check authentication on received LSP/CSNP/PSNP's
level-1	Specify authentication check for level-1 LSP, CSNP and PSNP

Command Mode

- /exec/configure/router-isis/router-isis-vrf-common

authentication-check level-2

[no] authentication-check level-2

Syntax Description

no	(Optional) Negate a command or set its defaults
authentication-check	Check authentication on received LSP/CSNP/PSNP's
level-2	Specify authentication check for level-2 LSP, CSNP and PSNP

Command Mode

- /exec/configure/router-isis/router-isis-vrf-common

authentication-key

```
{ { authentication-key <key> } | { no authentication-key [ <key> ] } }
```

Syntax Description

no	Negate a command or set its defaults
authentication-key	Configure the authentication key for the sham-link
<i>key</i>	Authentication key

Command Mode

- /exec/configure/router-ospf/vrf/router-ospf-slink

authentication-key

```
{ { authentication-key <key> } | { no authentication-key [ <key> ] } }
```

Syntax Description

no	Negate a command or set its defaults
authentication-key	Configure the authentication key for the virtual-link
<i>key</i>	Authentication key

Command Mode

- /exec/configure/router-ospf/router-ospf-vlink /exec/configure/router-ospf/vrf/router-ospf-vlink

authentication-key

{ [no] authentication-key <key> }

Syntax Description

no	(Optional) Negate a command or set its defaults
authentication-key	Authentication key used by LISP site
<i>key</i>	SHA-1 password

Command Mode

- /exec/configure/lisp-site /exec/configure/vrf/lisp-site

authentication-type cleartext

```
{ authentication-type { cleartext | md5 } | no authentication-type [ { cleartext | md5 } ] }
```

Syntax Description

no	Negate a command or set its defaults
authentication-type	Set authentication type
cleartext	Cleartext
md5	HMAC-MD5

Command Mode

- /exec/configure/l2mp-isis/l2mp-isis-vrf-common

authentication-type cleartext

{ authentication-type { cleartext | md5 } <level> | no authentication-type [{ cleartext | md5 }] <level> }

Syntax Description

no	Negate a command or set its defaults
authentication-type	Set authentication type
cleartext	Cleartext
md5	HMAC-MD5
<i>level</i>	IS-IS level

Command Mode

- /exec/configure/router-isis/router-isis-vrf-common

authentication-type cleartext

```
{ authentication-type { cleartext | md5 } | no authentication-type [ { cleartext | md5 } ] }
```

Syntax Description

no	Negate a command or set its defaults
authentication-type	Set authentication type
cleartext	Cleartext
md5	HMAC-MD5

Command Mode

- /exec/configure/otv-isis/otv-isis-vrf-common

authentication

[no] authentication [message-digest | null]

Syntax Description

no	(Optional) Negate a command or set its defaults
authentication	Authentication on the slink
message-digest	(Optional) Use message-digest authentication
null	(Optional) Use null(disable) authentication

Command Mode

- /exec/configure/router-ospf/vrf/router-ospf-slink

authentication

```
authentication { [ text ] <secret> | md5 { key-chain <chain-name> | key-string [ 0 | 7 ] <key-name> [
compatibility ] [ timeout <sec> ] } } | no authentication
```

Syntax Description

no	Negate a command or set its defaults
authentication	Authentication
text	(Optional) Plain text authentication
<i>secret</i>	Plain text authentication string
md5	Use MD5 authentication
key-chain	Set key chain
<i>chain-name</i>	Name of key-chain
key-string	Set key string
0	(Optional) Specifies an UNENCRYPTED key string will follow
7	(Optional) Specifies a HIDDEN key string will follow
<i>key-name</i>	Key string (64 chars max)
compatibility	(Optional) Operate in compatibility mode for MD5 type-7 authentication
timeout	(Optional) Set timeout
<i>sec</i>	(Optional) (0-32767)Timeout until only accepting new key (seconds)

Command Mode

- /exec/configure/if-eth-any/hsrp_ipv4 /exec/configure/if-eth-any/hsrp_ipv6

authentication

[no] authentication { { key-chain <chain> } | { mode md5 } }

Syntax Description

no	(Optional) Negate a command or set its defaults
authentication	Configures EIGRP authentication subcommands
key-chain	key-chain
<i>chain</i>	name of key-chain
mode	mode
md5	Keyed message digest

Command Mode

- /exec/configure/router-eigrp/router-eigrp-vrf-common /exec/configure/router-eigrp/router-eigrp-af-common

authentication

[no] authentication [message-digest | null]

Syntax Description

no	(Optional) Negate a command or set its defaults
authentication	Authentication on the vlink
message-digest	(Optional) Use message-digest authentication
null	(Optional) Use null(disable) authentication

Command Mode

- /exec/configure/router-ospf/router-ospf-vlink /exec/configure/router-ospf/vrf/router-ospf-vlink

authentication bind

[no] authentication { bind-first [append-with-basedn <s1>] | compare [password-attribute <s0>] }

Syntax Description

no	(Optional) Negate a command or set its defaults
authentication	Set the authentication method
bind-first	Set the authentication method to bind-first
append-with-basedn	(Optional) Change the default value (cn=\$userid)
<i>s1</i>	(Optional) append with dn value
compare	Change the default attribute
password-attribute	(Optional) Change the default password attribute (userPassword)
<i>s0</i>	(Optional) password attribute

Command Mode

- /exec/configure/ldap

authentication disable ipsec spi md5

```
{ [ no ] authentication { disable | ipsec spi <spi_id> { md5 <akey> | sha1 <akey> } } } | { no authentication { disable | ipsec spi <spi_id> } }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
authentication	Enable Authentication
disable	Disable Authentication
ipsec	IPSec
spi	Security Parameter Index
<i>spi_id</i>	SPI Value
md5	Use the MD5 algorithm
<i>akey</i>	Authentication Key
sha1	Use the SHA1 algorithm
<i>akey</i>	Authentication Key

Command Mode

- /exec/configure/router-ospf3/router-ospf3-vlink /exec/configure/router-ospf3/vrf/router-ospf3-vlink

authentication ipsec spi md5

```
{ [ no ] authentication { ipsec spi <spi_id> { md5 <akey> | sha1 <akey> } } } | { no authentication ipsec spi <spi_id> }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
authentication	Enable Authentication
ipsec	IPSec
spi	Security Parameter Index
<i>spi_id</i>	SPI Value
md5	Use the MD5 algorithm
<i>akey</i>	Authentication Key
sha1	Use the SHA1 algorithm
<i>akey</i>	Authentication Key

Command Mode

- /exec/configure/router-ospf3 /exec/configure/router-ospf3/vrf

authentication key-chain

```
{ authentication key-chain <auth-keychain> <level> | no authentication key-chain [ <auth-keychain> ] <level>
}
```

Syntax Description

no	Negate a command or set its defaults
authentication	Set authentication keychain string
key-chain	Set authentication keychain string
<i>auth-keychain</i>	authentication keychain
<i>level</i>	IS-IS level

Command Mode

- /exec/configure/router-isis/router-isis-vrf-common

authentication key-chain

```
{ authentication key-chain <keychain> } | { no authentication key-chain [ <keychain> ] }
```

Syntax Description

no	Negate a command or set its defaults
authentication	Authentication on the vlink
key-chain	Authentication password key-chain
<i>keychain</i>	Key-chain name

Command Mode

- /exec/configure/router-ospf/router-ospf-vlink /exec/configure/router-ospf/vrf/router-ospf-vlink

authentication key-chain

```
{ authentication key-chain <keychain> } | { no authentication key-chain [ <keychain> ] }
```

Syntax Description

no	Negate a command or set its defaults
authentication	Authentication on the slink
key-chain	Authentication password key-chain
<i>keychain</i>	Key-chain name

Command Mode

- /exec/configure/router-ospf/vrf/router-ospf-slink

authentication key-chain

```
{ authentication key-chain <auth-keychain> | no authentication key-chain [ <auth-keychain> ] }
```

Syntax Description

no	Negate a command or set its defaults
authentication	Set authentication keychain string
key-chain	Set authentication keychain string
<i>auth-keychain</i>	authentication keychain

Command Mode

- /exec/configure/otv-isis/otv-isis-vrf-common

authentication key-chain

```
{ authentication key-chain <auth-keychain> | no authentication key-chain [ <auth-keychain> ] }
```

Syntax Description

no	Negate a command or set its defaults
authentication	Set authentication keychain string
key-chain	Set authentication keychain string
<i>auth-keychain</i>	authentication keychain

Command Mode

- /exec/configure/l2mp-isis/l2mp-isis-vrf-common

authentication text

```
{ authentication text <authentication_pwd> | no authentication [ text <authentication_pwd> ] }
```

Syntax Description

no	Negate a command or set its defaults
authentication	Select authentication method
text	Set the authentication password (8 char max)
<i>authentication_pwd</i>	

Command Mode

- /exec/configure/if-eth-any/vrrp

auto-cost reference-bandwidth

auto-cost reference-bandwidth { <ref-bw-mbps> [Mbps] | <ref-bw-gbps> Gbps } | no auto-cost reference-bandwidth [<ref-bw-mbps> [Mbps] | <ref-bw-gbps> Gbps]

Syntax Description

no	Negate a command or set its defaults
auto-cost	Calculate OSPF cost according to bandwidth
reference-bandwidth	Reference bandwidth used to assign OSPF cost
Mbps	(Optional) Specify rate in Mbps
Gbps	Specify rate in Gbps
<i>ref-bw-mbps</i>	Rate in Mbps (bandwidth) (Default)
<i>ref-bw-gbps</i>	Rate in Gbps (bandwidth)

Command Mode

- /exec/configure/router-ospf /exec/configure/router-ospf/vrf

auto-cost reference-bandwidth

auto-cost reference-bandwidth { <ref-bw-mbps> [Mbps] | <ref-bw-gbps> Gbps } | no auto-cost
reference-bandwidth [<ref-bw-mbps> [Mbps] | <ref-bw-gbps> Gbps]

Syntax Description

no	Negate a command or set its defaults
auto-cost	Calculate OSPFv3 cost according to bandwidth
reference-bandwidth	Reference bandwidth used to assign OSPFv3 cost
Mbps	(Optional) Specify rate in Mbps
Gbps	Specify rate in Gbps
<i>ref-bw-mbps</i>	Rate in Mbps (bandwidth) (Default)
<i>ref-bw-gbps</i>	Rate in Gbps (bandwidth)

Command Mode

- /exec/configure/router-ospf3 /exec/configure/router-ospf3/vrf

auto-recovery

auto-recovery [reload-delay <time-out>] | no auto-recovery [reload-delay <time-out>]

Syntax Description

no	Negate a command or set its defaults
auto-recovery	vPC settings to enable auto recovery if peer is presumed non-operational
reload-delay	(Optional) Duration to wait before assuming peer dead and restoring vpcs
<i>time-out</i>	(Optional) Time-out for restoring vPC links (in seconds)

Command Mode

- /exec/configure/vpc-domain

auto-remap-replication-servers

[no] auto-remap-replication-servers

Syntax Description

no	(Optional) Negate a command or set its defaults
auto-remap-replication-servers	Automatically re-map replication servers on every replication server add

Command Mode

- /exec/configure/if-nve

autonomous-system

{ { autonomous-system <local-as> } | { no autonomous-system [<local-as>] } }

Syntax Description

no	Negate a command or set its defaults
autonomous-system	Specify AS number for Address Family
<i>local-as</i>	Local AS number

Command Mode

- /exec/configure/router-eigrp/router-eigrp-vrf-common /exec/configure/router-eigrp/router-eigrp-af-common

autostate

[no] autostate

Syntax Description

no	(Optional) Negate a command or set its defaults
autostate	Enable or disable autostate for interface-vlan

Command Mode

- /exec/configure/if-vlan

autovlan enable

[no] autovlan enable

Syntax Description

no	(Optional) Negate a command or set its defaults
autovlan	Automatic creation/deletion of VLANs
enable	Enable auto creation/deletion of VLANs

Command Mode

- /exec/configure/vmt-conn

awk

| awk <expr>

Syntax Description

	Pipe command output to filter
awk	Mini AWK
<i>expr</i>	Edition command (script)

Command Mode

- /output

