



A Commands

- [aaa accounting dot1x default group, on page 7](#)
- [aaa authentication dot1x default group, on page 8](#)
- [aaa authentication login ascii-authentication, on page 9](#)
- [aaa authentication login console, on page 10](#)
- [aaa authentication login default, on page 12](#)
- [aaa authentication login default fallback error local, on page 14](#)
- [aaa authentication login enable, on page 15](#)
- [aaa authentication login error-enable, on page 16](#)
- [aaa authentication login invalid-username-log, on page 17](#)
- [aaa authentication rejected, on page 18](#)
- [aaa authentication rejected in ban, on page 19](#)
- [aaa authorization commands console, on page 20](#)
- [aaa authorization commands default, on page 21](#)
- [aaa authorization ssh default group, on page 22](#)
- [aaa bypass-user, on page 23](#)
- [aaa group server ldap, on page 24](#)
- [aaa group server radius, on page 25](#)
- [aaa group server tacacs, on page 26](#)
- [aaa server radius dynamic-author, on page 27](#)
- [aaa user default-role, on page 28](#)
- [abort, on page 29](#)
- [abort, on page 30](#)
- [abort, on page 31](#)
- [abort, on page 32](#)
- [abort, on page 33](#)
- [absolute-timeout, on page 34](#)
- [absolute-timer, on page 35](#)
- [absolute start, on page 36](#)
- [accept-lifetime, on page 37](#)
- [access-class, on page 39](#)
- [access-list, on page 40](#)
- [access-list ipv6, on page 41](#)
- [action, on page 42](#)

- [action](#), on page 43
- [action cli](#), on page 44
- [action collect](#), on page 45
- [action counter name value op](#), on page 46
- [action eem test](#), on page 47
- [action event-default](#), on page 48
- [action forceshut reset-reason](#), on page 49
- [action overbudgetshut](#), on page 50
- [action policy-default](#), on page 51
- [action reload force](#), on page 52
- [action snmp-trap](#), on page 53
- [action syslog msg](#), on page 54
- [activate mode-100M](#), on page 55
- [active-query timer](#), on page 56
- [additional-paths install backup](#), on page 57
- [additional-paths receive](#), on page 58
- [additional-paths selection route-map](#), on page 59
- [additional-paths send](#), on page 60
- [address-family ipv4](#), on page 61
- [address-family ipv4 labeled-unicast](#), on page 62
- [address-family ipv4 labeled-unicast](#), on page 63
- [address-family ipv4 mdt](#), on page 64
- [address-family ipv4 mdt](#), on page 65
- [address-family ipv4 mvpn](#), on page 66
- [address-family ipv4 mvpn](#), on page 67
- [address-family ipv4 unicast](#), on page 68
- [address-family ipv4 unicast](#), on page 69
- [address-family ipv4 unicast](#), on page 70
- [address-family ipv4 unicast](#), on page 71
- [address-family ipv4 unicast](#), on page 72
- [address-family ipv4 unicast](#), on page 73
- [address-family ipv4 unicast](#), on page 74
- [address-family ipv4 unicast](#), on page 75
- [address-family ipv4 unicast](#), on page 76
- [address-family ipv4 unicast](#), on page 77
- [address-family ipv6 labeled-unicast](#), on page 78
- [address-family ipv6 labeled-unicast](#), on page 79
- [address-family ipv6 mvpn](#), on page 80
- [address-family ipv6 mvpn](#), on page 81
- [address-family ipv6 unicast](#), on page 82
- [address-family ipv6 unicast](#), on page 83
- [address-family ipv6 unicast](#), on page 84
- [address-family ipv6 unicast](#), on page 85
- [address-family ipv6 unicast](#), on page 86
- [address-family ipv6 unicast](#), on page 87
- [address-family ipv6 unicast](#), on page 88

- [address-family ipv6 unicast, on page 89](#)
- [address-family ipv6 unicast, on page 90](#)
- [address-family ipv6 unicast, on page 91](#)
- [address-family ipv6 unicast, on page 92](#)
- [address-family ipv6 unicast, on page 93](#)
- [address-family l2vpn evpn, on page 94](#)
- [address-family l2vpn evpn, on page 95](#)
- [address-family l2vpn vpls, on page 96](#)
- [address-family l2vpn vpls, on page 97](#)
- [address-family link-state, on page 98](#)
- [address-family link-state, on page 99](#)
- [address-family vpv4 unicast, on page 100](#)
- [address-family vpv4 unicast, on page 101](#)
- [address-family vpv6 unicast, on page 102](#)
- [address-family vpv6 unicast, on page 103](#)
- [address, on page 104](#)
- [address, on page 105](#)
- [address, on page 106](#)
- [address, on page 107](#)
- [address, on page 108](#)
- [address, on page 109](#)
- [address, on page 110](#)
- [address port-number, on page 111](#)
- [address primary, on page 112](#)
- [address secondary, on page 113](#)
- [address secondary, on page 114](#)
- [adjacency-check, on page 115](#)
- [advertise-gateway, on page 116](#)
- [advertise-gw-ip, on page 117](#)
- [advertise-labels, on page 118](#)
- [advertise-map exist default advertise-map, on page 119](#)
- [advertise-pip, on page 120](#)
- [advertise-system-mac, on page 121](#)
- [advertise evpn multicast, on page 122](#)
- [advertise interface, on page 123](#)
- [advertise local-labeled-route, on page 124](#)
- [advertise passive-only level-1, on page 125](#)
- [advertise passive-only level-2, on page 126](#)
- [advertise virtual-rmac, on page 127](#)
- [advertisement-interval, on page 128](#)
- [advertisement-interval, on page 129](#)
- [afd queue-desired, on page 130](#)
- [affinity-group, on page 131](#)
- [affinity-group activate, on page 132](#)
- [affinity-map, on page 133](#)
- [affinity, on page 134](#)

- affinity, on page 135
- affinity, on page 136
- age, on page 137
- age, on page 138
- aggregate-address, on page 139
- aggregate-address, on page 140
- air-print helper, on page 141
- alert-group user-def-cmd, on page 142
- alloc mode, on page 143
- alloc mode, on page 144
- allocate-index, on page 145
- allocate-label all, on page 146
- allocate-label option-b, on page 147
- allocate1 interface2, on page 148
- allocate2 fcoe-vlan-range, on page 149
- allocate3 shared interface3, on page 150
- allow-vni-in-ethertag, on page 151
- allow feature-set, on page 152
- allowas-in, on page 153
- allowas-in, on page 154
- allowed-locators, on page 155
- allowed-vlans, on page 156
- amt flush-routes, on page 157
- amt pseudo-interface, on page 158
- analytics, on page 159
- analytics cluster, on page 160
- announce duration, on page 161
- announce duration range, on page 162
- announce interval, on page 163
- announce interval range, on page 164
- anonymous-id, on page 165
- anti-jam disable, on page 166
- app-default-gateway guest-interface, on page 167
- app-default-ipv6-gateway guest-interface, on page 168
- app-hosting appid, on page 169
- app-hosting appid, on page 170
- app-hosting bootflash backend storage limit, on page 171
- app-hosting bridge, on page 172
- app-hosting data appid copy, on page 173
- app-hosting data appid delete, on page 174
- app-hosting install appid package, on page 175
- app-hosting signed-verification disable app-hosting signed-verification enable, on page 176
- app-hosting upgrade appid package, on page 177
- app-resource docker, on page 178
- app-resource profile custom, on page 179
- app-vnic guest-interface, on page 180

- [apply profile](#), on page 181
- [area authentication](#), on page 182
- [area authentication disable ipsec spi md5 sha1 key-chain](#), on page 183
- [area default-cost](#), on page 184
- [area default-cost](#), on page 185
- [area encryption disable ipsec spi esp 3des aes 128 authentication sha1](#), on page 186
- [area filter-list route-map in](#), on page 188
- [area filter-list route-map in](#), on page 189
- [area nssa](#), on page 190
- [area nssa](#), on page 191
- [area nssa translate type7 always never supress-fa](#), on page 192
- [area nssa translate type7 always never supress-fa](#), on page 193
- [area range](#), on page 194
- [area range](#), on page 195
- [area segment-routing mpls](#), on page 196
- [area sham-link](#), on page 197
- [area stub](#), on page 198
- [area stub](#), on page 199
- [area virtual-link](#), on page 200
- [area virtual-link](#), on page 201
- [area virtual-link](#), on page 202
- [area virtual-link](#), on page 203
- [arp access-list](#), on page 204
- [as-format asdot](#), on page 205
- [as-override](#), on page 206
- [association-group](#), on page 207
- [association-group](#), on page 208
- [attach console module](#), on page 209
- [attach module](#), on page 210
- [attribute-group](#), on page 211
- [attribute-group](#), on page 212
- [attribute-group](#), on page 213
- [auth-mechanism plain](#), on page 214
- [authentication-check](#), on page 215
- [authentication-check](#), on page 216
- [authentication-check level-1](#), on page 217
- [authentication-check level-2](#), on page 218
- [authentication-key](#), on page 219
- [authentication-key](#), on page 220
- [authentication-key](#), on page 221
- [authentication-type cleartext](#), on page 222
- [authentication-type cleartext](#), on page 223
- [authentication-type cleartext level-1](#), on page 224
- [authentication-type cleartext level-2](#), on page 225
- [authentication](#), on page 226
- [authentication](#), on page 227

- authentication, on page 228
- authentication bind, on page 229
- authentication disable ipsec spi md5 sha1 key-chain, on page 230
- authentication ipsec spi md5 sha1 key-chain, on page 231
- authentication key-chain, on page 232
- authentication key-chain, on page 233
- authentication key-chain, on page 234
- authentication key-chain, on page 235
- authentication key-chain, on page 236
- authentication key-chain level-1, on page 237
- authentication key-chain level-2, on page 238
- authentication mode md5, on page 239
- authentication text, on page 240
- auto-cost reference-bandwidth, on page 241
- auto-cost reference-bandwidth, on page 242
- auto-recovery, on page 243
- auto-remap-replication-servers, on page 244
- autonomous-system, on page 245
- autostate, on page 246
- autovlan enable, on page 247
- awk, on page 248

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
s0	Server group name
none	(Optional) No authentication
s1	(Optional) Server group name
none	(Optional) No authentication
s2	(Optional) Server group name
none	(Optional) No authentication
s3	(Optional) Server group name
none	(Optional) No authentication
s4	(Optional) Server group name
none	(Optional) No authentication
s5	(Optional) Server group name
none	(Optional) No authentication
s6	(Optional) Server group name
none	(Optional) No authentication
s7	(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
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 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
<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 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
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	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

Syntax Description

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

Command Mode

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

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

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-timer

```
{ [ no ] absolute-timer <time> | no absolute-timer }
```

Syntax Description

absolute-timer	Define a De-Dup absolute timer
<i>time</i>	Time in minutes

Command Mode

- /exec/configure/de-duplication

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

```
{ { 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> <syear> { 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> <syear> { 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	
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 <acl-ip-ipv6-name> <inout>

Syntax Description

no	(Optional) Negate a command or set its defaults
access-class	Specify IPv4 access control for packets
<i>acl-ip-ipv6-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

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

[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 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

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

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

active-query timer

{ active-query timer <interval> | no active-query timer }

Syntax Description

no	Negate a command or set its defaults
active-query	mDNS Active Query on vlan
timer	Active Query Timer value
<i>interval</i>	Active Query Timer value in seconds

Command Mode

- /exec/configure/vlan-config/mdns-sd

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] 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 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 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] 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

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 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 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 | 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 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 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 | 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] 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 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 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

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
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 | 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] 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 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 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 <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

address { <ctrl-ip> } | no address [<ctrl-ip>]

Syntax Description

no	Negate a command or set its defaults
address	Controller Address
<i>ctrl-ip</i>	Controller IPv4 address

Command Mode

- /exec/configure/service-export

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 <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

{ 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

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

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-gateway

[no] advertise-gateway

Syntax Description

no	(Optional) Negate a command or set its defaults
advertise-gateway	Advertise Gateway Mode

Command Mode

- /exec/configure/if-vlan/hybrid

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 <advrt-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>advrt-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-ipv4
/exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv6

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/pol/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/color/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

air-print helper

[no] air-print helper

Syntax Description

no	(Optional) Negate a command or set its defaults
air-print	Airprint Helper functionality - enabling sub-PTR functionality
helper	Airprint Helper functionality - enabling sub-PTR functionality

Command Mode

- /exec/configure/mdns-sd

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 <rmap-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 port with the FCoE vdc

Command Mode

- /exec/configure/vdc

allocate3 shared interface3

[no] allocate3 shared interface3 <interface-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

[no] analytics

Syntax Description

analytics	Analytics configurations in netflow and analytics mode
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Command Mode

- /exec/configure

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

announce duration

[no] announce duration <sec> [renew-offset <off>]

Syntax Description

no	(Optional) Negate a command or set its defaults
announce	announce
duration	session duration
renew-offset	(Optional) session duration renewal offset
<i>sec</i>	seconds
<i>off</i>	(Optional) offset

Command Mode

- /exec/configure/ptp-ucast-nego-schema

announce duration range

[no] announce duration range <min> <max>

Syntax Description

no	(Optional) Negate a command or set its defaults
announce	announce
duration	session duration
range	range of acceptable values
<i>min</i>	minimum in seconds
<i>max</i>	maximum in seconds

Command Mode

- /exec/configure/ptp-ucastr-nego-schema

announce interval

[no] announce interval <intv>

Syntax Description

no	(Optional) Negate a command or set its defaults
announce	announce
interval	interval
<i>intv</i>	log seconds

Command Mode

- /exec/configure/ptp-ucast-nego-schema

announce interval range

[no] announce interval range <min> <max>

Syntax Description

no	(Optional) Negate a command or set its defaults
announce	announce
interval	interval
range	range of acceptable values
<i>min</i>	minimum in log seconds
<i>max</i>	maximum in log seconds

Command Mode

- /exec/configure/ptp-ucastr-nego-schema

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

app-default-gateway guest-interface

```
{ app-default-gateway <ip-addr> guest-interface <interface-id> | no app-default-gateway [ <ip-addr> [ guest-interface <interface-id> ] ] }
```

Syntax Description

no	Negate a command or set its defaults
app-default-gateway	Application default-gateway
<i>ip-addr</i>	Application default-gateway
guest-interface	guest-interface
<i>interface-id</i>	Guest interface number in range of 0..3

Command Mode

- /exec/configure/app-hosting-appid

app-default-ipv6-gateway guest-interface

```
{ app-default-ipv6-gateway <ipv6-addr> guest-interface <interface-id> | no app-default-ipv6-gateway [ <ipv6-addr> [ guest-interface <interface-id> ] ] }
```

Syntax Description

no	Negate a command or set its defaults
app-default-ipv6-gateway	Application default-ipv6-gateway
guest-interface	guest-interface
<i>interface-id</i>	Guest interface number in range of 0..3

Command Mode

- /exec/configure/app-hosting-appid

app-hosting appid

app-hosting { activate | start | stop | deactivate | uninstall } appid <app-hosting-appid>

Syntax Description

app-hosting	app-hosting exec actions
activate	Activate the Application
start	Start the Application
stop	Stop the Application
deactivate	Deactivate the Application
uninstall	Uninstall the Application
appid	Application ID
<i>app-hosting-appid</i>	AppId name

Command Mode

- /exec

app-hosting appid

[no] app-hosting appid <app-hosting-appid>

Syntax Description

no	(Optional) Negate a command or set its defaults
app-hosting	app-hosting
appid	app-hosting appid submenu
<i>app-hosting-appid</i>	Enter Application Name

Command Mode

- /exec/configure

app-hosting bootflash backend storage limit

```
{ app-hosting bootflash backend storage limit <size> | no app-hosting bootflash backend storage limit [ <size> ] }
```

Syntax Description

no	Negate a command or set its defaults
app-hosting	app-hosting
bootflash	bootflash
backend	backend
storage	storage
limit	limit
<i>size</i>	size in MB

Command Mode

- /exec/configure

app-hosting bridge

[no] app-hosting bridge <bridge-id>

Syntax Description

no	(Optional) Negate a command or set its defaults
app-hosting	app-hosting feature configuration
bridge	app-hosting bridge submode
<i>bridge-id</i>	Bridge index

Command Mode

- /exec/configure

app-hosting data appid copy

app-hosting data appid <app-hosting-appid> copy <src-file> <dst-file>

Syntax Description

app-hosting	app-hosting exec actions
data	Application data
appid	Application ID
<i>app-hosting-appid</i>	AppId name
copy	Copy file
<i>src-file</i>	Source file
<i>dst-file</i>	Destination file

Command Mode

- /exec

app-hosting data appid delete

```
app-hosting data appid <app-hosting-appid> delete <dst-file>
```

Syntax Description

app-hosting	app-hosting exec actions
data	Application data
appid	Application ID
<i>app-hosting-appid</i>	AppId name
delete	Delete file
<i>dst-file</i>	Destination file

Command Mode

- /exec

app-hosting install appid package

app-hosting install appid <app-hosting-appid> package <uri>

Syntax Description

app-hosting	app-hosting exec actions
install	Install the Application
appid	Application ID
<i>app-hosting-appid</i>	AppId name
package	Package tarball
<i>uri</i>	Package tarball

Command Mode

- /exec

app-hosting signed-verification disable app-hosting signed-verification enable

[no] app-hosting signed-verification disable | app-hosting signed-verification enable

Syntax Description

no	(Optional) Negate a command or set its defaults
app-hosting	app-hosting
signed-verification	Signature verification for app-hosting application
disable	disable package signing
enable	enable package signing (default)

Command Mode

- /exec/configure

app-hosting upgrade appid package

app-hosting upgrade appid <app-hosting-appid> package <uri> [no-recover]

Syntax Description

app-hosting	app-hosting exec actions
upgrade	Upgrade the Application
appid	Application ID
<i>app-hosting-appid</i>	AppId name
package	Package tarball
<i>uri</i>	Package tarball
no-recover	(Optional) bypass removal of read-only layers

Command Mode

- /exec

app-resource docker

[no] app-resource docker

Syntax Description

no	(Optional) Negate a command or set its defaults
app-resource	Application resources
docker	Application docker options

Command Mode

- /exec/configure/app-hosting-appid

app-resource profile custom

[no] app-resource profile custom

Syntax Description

no	(Optional) Negate a command or set its defaults
app-resource	Application resources
profile	Application profile name
custom	custom

Command Mode

- /exec/configure/app-hosting-appid

app-vnic guest-interface

```
{ app-vnic { management | gateway bridge <bridge-id> } guest-interface <interface-id> | no app-vnic {
management | gateway [ bridge <bridge-id> ] } [ guest-interface <interface-id> ] }
```

Syntax Description

no	Negate a command or set its defaults
app-vnic	Virtual Network Interface
management	management
gateway	bridge for gateway
bridge	bridge for gateway
<i>bridge-id</i>	bridge for gateway
guest-interface	guest-interface
<i>interface-id</i>	Guest interface number in range of 0..3

Command Mode

- /exec/configure/app-hosting-appid

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 sha1 key-chain

```
{ [ no ] area <area-id-ip> authentication { disable | ipsec spi <spi_id> { md5 <akey> | sha1 <akey> | key-chain <keychain_ah> } } } | { 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
key-chain	Authentication password key-chain
<i>keychain_ah</i>	Authentication key-chain name

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 encryption disable ipsec spi esp 3des aes 128 authentication sha1

```
{ [ no ] area <area-id-ip> encryption { disable | ipsec spi <spi_id> esp { 3des <ekey> | aes { 128 <ekey> } } authentication { sha1 <akey> | null } } } | { [ no ] area <area-id-ip> encryption ipsec spi <spi_id> esp key-chain <keychain_enc> authentication { key-chain <keychain_ah> | null } } | { [ no ] area <area-id-ip> encryption ipsec spi <spi_id> esp null authentication { sha1 <akey> | key-chain <keychain_ah> } } | { no area <area-id-ip> encryption 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
encryption	Enable Encryption on all Interface belong to this Area
disable	Disable Encryption
ipsec	IPSec
spi	Security Parameter Index
<i>spi_id</i>	SPI Value
esp	Specify encryption parameters
3des	Use the triple DES algorithm
<i>ekey</i>	Encryption Key
aes	Use the AES algorithm
128	Use the 128-bit AES algorithm
<i>ekey</i>	Encryption Key
authentication	Specify authentication parameters
sha1	Use the SHA1 algorithm
<i>akey</i>	Authentication Key
key-chain	Encryption password key-chain
<i>keychain_enc</i>	Encryption key-chain name
key-chain	Authentication password key-chain
<i>keychain_ah</i>	Authentication key-chain name
null	Use NULL authentication

Command Mode

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

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 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 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 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-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

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 <*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

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

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/l2mp-isis/l2mp-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/otv-isis/otv-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 } | 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-type cleartext level-1

[no] authentication-type { cleartext | md5 } level-1

Syntax Description

no	(Optional) Negate a command or set its defaults
authentication-type	Set authentication type
cleartext	Cleartext
md5	HMAC-MD5
level-1	Specify authentication type for level-1 LSP, CSNP and PSNP

Command Mode

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

authentication-type cleartext level-2

[no] authentication-type { cleartext | md5 } level-2

Syntax Description

no	(Optional) Negate a command or set its defaults
authentication-type	Set authentication type
cleartext	Cleartext
md5	HMAC-MD5
level-2	Specify authentication type for level-2 LSP, CSNP and PSNP

Command Mode

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

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 [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

[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 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 sha1 key-chain

```
{ [ no ] authentication { disable | ipsec spi <spi_id> { md5 <akey> | sha1 <akey> | key-chain <keychain_ah> } } } | { 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
key-chain	Authentication password key-chain
<i>keychain_ah</i>	Authentication key-chain name

Command Mode

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

authentication ipsec spi md5 sha1 key-chain

```
{ [ no ] authentication { ipsec spi <spi_id> { md5 <akey> | sha1 <akey> | key-chain <keychain_ah> } } } | {
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
key-chain	Authentication password key-chain
<i>keychain_ah</i>	Authentication key-chain name

Command Mode

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

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 key-chain

[no] authentication key-chain <chain>

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

Command Mode

- /exec/configure/router-eigrp/router-eigrp-vrf-common /exec/configure/router-eigrp/router-eigrp-af-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 level-1

[no] authentication key-chain <auth-keychain> level-1

Syntax Description

no	(Optional) Negate a command or set its defaults
authentication	Set authentication keychain string
key-chain	Set authentication keychain string
<i>auth-keychain</i>	authentication keychain
level-1	Specify authentication key for level-1 LSP, CSNP and PSNP

Command Mode

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

authentication key-chain level-2

[no] authentication key-chain <auth-keychain> level-2

Syntax Description

no	(Optional) Negate a command or set its defaults
authentication	Set authentication keychain string
key-chain	Set authentication keychain string
<i>auth-keychain</i>	authentication keychain
level-2	Specify authentication key for level-2 LSP, CSNP and PSNP

Command Mode

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

authentication mode md5

[no] authentication mode md5

Syntax Description

no	(Optional) Negate a command or set its defaults
authentication	Configures EIGRP authentication subcommands
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 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 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-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-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