



## R Show Commands

---

- [show radius-cfs, on page 6](#)
- [show radius-server, on page 7](#)
- [show radius-server, on page 8](#)
- [show radius-server directed-request, on page 9](#)
- [show radius-server groups, on page 10](#)
- [show radius-server sorted, on page 11](#)
- [show radius-server statistics, on page 12](#)
- [show radius status, on page 13](#)
- [show redundancy status, on page 14](#)
- [show regexp, on page 15](#)
- [show reload, on page 16](#)
- [show resource, on page 17](#)
- [show rmon, on page 18](#)
- [show role, on page 19](#)
- [show role feature-group, on page 20](#)
- [show role feature, on page 21](#)
- [show role status, on page 22](#)
- [show rollback log exec, on page 23](#)
- [show rollback status, on page 24](#)
- [show route-map, on page 25](#)
- [show route-map brief, on page 26](#)
- [show route-map dynamic, on page 27](#)
- [show route-map pbr-statistics, on page 28](#)
- [show router-guard, on page 29](#)
- [show router-guard, on page 30](#)
- [show routing-context, on page 31](#)
- [show routing, on page 32](#)
- [show routing clients, on page 34](#)
- [show routing hash, on page 35](#)
- [show routing hidden-nh, on page 37](#)
- [show routing ipv6, on page 38](#)
- [show routing ipv6 clients, on page 40](#)
- [show routing ipv6 hash, on page 41](#)

- [show routing ipv6 hidden-nh](#), on page 43
- [show routing ipv6 memory estimate](#), on page 44
- [show routing ipv6 memory statistics](#), on page 45
- [show routing ipv6 multicast bandwidth](#), on page 46
- [show routing ipv6 multicast clients](#), on page 47
- [show routing ipv6 multicast lisp encaps](#), on page 48
- [show routing ipv6 multicast mdt encapsulation](#), on page 49
- [show routing ipv6 multicast memory estimate](#), on page 50
- [show routing ipv6 multicast sr](#), on page 51
- [show routing ipv6 nhlf](#), on page 52
- [show routing ipv6 recursive-next-hop](#), on page 53
- [show routing memory estimate](#), on page 54
- [show routing memory statistics](#), on page 55
- [show routing multicast clients](#), on page 56
- [show routing multicast lisp encaps](#), on page 57
- [show routing multicast mdt encapsulation](#), on page 58
- [show routing multicast memory estimate](#), on page 59
- [show routing multicast sr](#), on page 60
- [show routing nhlf](#), on page 61
- [show routing recursive-next-hop](#), on page 62
- [show routing vxlan-hash peer-ip](#), on page 63
- [show routing vxlan-hash peer-ipv6](#), on page 64
- [show rscn event-tov vsan](#), on page 65
- [show rscn pending-diff vsan](#), on page 66
- [show rscn pending vsan](#), on page 67
- [show rscn scr-table](#), on page 68
- [show rscn session status vsan](#), on page 69
- [show rscn statistics](#), on page 70
- [show running-config](#), on page 71
- [show running-config aaa](#), on page 72
- [show running-config aclmgr](#), on page 73
- [show running-config adjmgr](#), on page 74
- [show running-config all](#), on page 75
- [show running-config app-hosting](#), on page 76
- [show running-config arp](#), on page 77
- [show running-config assoc](#), on page 78
- [show running-config backup](#), on page 79
- [show running-config bfd](#), on page 80
- [show running-config bgp](#), on page 81
- [show running-config bloggerd](#), on page 82
- [show running-config callhome](#), on page 83
- [show running-config cdp](#), on page 84
- [show running-config cert-enroll](#), on page 85
- [show running-config cfs](#), on page 86
- [show running-config clock\\_manager](#), on page 87
- [show running-config config-profile](#), on page 88

- show running-config controller, on page 89
- show running-config copp, on page 90
- show running-config cryptopqc, on page 91
- show running-config dhcp, on page 92
- show running-config diagnostic, on page 93
- show running-config diff, on page 94
- show running-config dot1x, on page 95
- show running-config ecp, on page 96
- show running-config eem, on page 97
- show running-config eigrp, on page 98
- show running-config eltm, on page 99
- show running-config epbr, on page 100
- show running-config evb, on page 101
- show running-config exclude, on page 102
- show running-config expand-port-profile, on page 103
- show running-config fabric forwarding, on page 104
- show running-config fabric multicast, on page 105
- show running-config fabricpath, on page 106
- show running-config fabricpath domain default, on page 107
- show running-config fabricpath switch-id, on page 108
- show running-config fabricpath topology, on page 109
- show running-config fcoe\_mgr, on page 110
- show running-config fsync\_mgr, on page 111
- show running-config hardware-telemetry, on page 112
- show running-config hsrp, on page 113
- show running-config icmpv6, on page 114
- show running-config igmp, on page 115
- show running-config imp, on page 116
- show running-config interface, on page 117
- show running-config interface, on page 118
- show running-config intersight, on page 119
- show running-config ip, on page 120
- show running-config ipqos, on page 121
- show running-config ipv6, on page 122
- show running-config isis, on page 123
- show running-config l3vm, on page 124
- show running-config ldap, on page 125
- show running-config license, on page 126
- show running-config lisp, on page 127
- show running-config lldp, on page 128
- show running-config lpss, on page 129
- show running-config macsec, on page 130
- show running-config mdns, on page 131
- show running-config mfwd, on page 132
- show running-config mfwdv6, on page 133
- show running-config mld, on page 134

- [show running-config mmode](#), on page 135
- [show running-config monitor](#), on page 136
- [show running-config mpls static](#), on page 137
- [show running-config mpls strip](#), on page 138
- [show running-config msdp](#), on page 139
- [show running-config nat](#), on page 140
- [show running-config nbm](#), on page 141
- [show running-config ngoam](#), on page 142
- [show running-config ntp](#), on page 143
- [show running-config nv overlay](#), on page 144
- [show running-config nxsdk](#), on page 145
- [show running-config ofm](#), on page 146
- [show running-config openconfig](#), on page 147
- [show running-config ospf](#), on page 148
- [show running-config ospfv3](#), on page 149
- [show running-config otv-isis](#), on page 150
- [show running-config param-list](#), on page 151
- [show running-config pim](#), on page 152
- [show running-config pim6](#), on page 153
- [show running-config poe](#), on page 154
- [show running-config port-profile](#), on page 155
- [show running-config port-security](#), on page 156
- [show running-config ptp](#), on page 157
- [show running-config radius](#), on page 158
- [show running-config rip](#), on page 159
- [show running-config routing ip multicast](#), on page 160
- [show running-config routing ipv6 multicast](#), on page 161
- [show running-config rpm](#), on page 162
- [show running-config scheduler](#), on page 163
- [show running-config section](#), on page 164
- [show running-config security](#), on page 165
- [show running-config segment-routing](#), on page 166
- [show running-config service-reflect](#), on page 167
- [show running-config services](#), on page 168
- [show running-config services](#), on page 169
- [show running-config sflow](#), on page 170
- [show running-config sla responder](#), on page 171
- [show running-config sla sender](#), on page 172
- [show running-config sla twamp-server](#), on page 173
- [show running-config snmp](#), on page 174
- [show running-config spanning-tree](#), on page 175
- [show running-config srte](#), on page 176
- [show running-config storm-control](#), on page 177
- [show running-config switch](#), on page 178
- [show running-config syncc](#), on page 179
- [show running-config tacacs](#), on page 180

- [show running-config telemetry](#), on page 181
- [show running-config track](#), on page 182
- [show running-config tunnel-encryption](#), on page 183
- [show running-config udld](#), on page 184
- [show running-config vdc-all](#), on page 185
- [show running-config vdc](#), on page 186
- [show running-config virtual-service](#), on page 187
- [show running-config vlan](#), on page 188
- [show running-config wlan](#), on page 189
- [show running-config wlan](#), on page 190
- [show running-config vmtracker](#), on page 191
- [show running-config vpc](#), on page 192
- [show running-config vrf](#), on page 193
- [show running-config vrf default](#), on page 194
- [show running-config vrrp](#), on page 195
- [show running-config vrrpv3](#), on page 196
- [show running-config vshd](#), on page 197
- [show running-config vtp](#), on page 198
- [show running-config wnnm](#), on page 199
- [show running-config zone](#), on page 200
- [show running-config zone vsan](#), on page 201

**show radius-cfs**

# show radius-cfs

show radius-cfs

## Syntax Description

show	Show running system information
radius-cfs	Show radius cfs state

## Command Mode

- /exec

# show radius-server

show radius-server

## Syntax Description

show	Show running system information
radius-server	Show RADIUS configuration information

## Command Mode

- /exec

**show radius-server**

```
show radius-server { <host> }
```

**Syntax Description**

show	Show running system information
radius-server	Show RADIUS configuration information
<i>host</i>	DNS name or IP address

**Command Mode**

- /exec

# show radius-server directed-request

show radius-server directed-request

## Syntax Description

show	Show running system information
radius-server	Show RADIUS configuration information
directed-request	Show directed server enable configuration

## Command Mode

- /exec

**show radius-server groups**

# show radius-server groups

show radius-server groups [ &lt;s0&gt; ]

## Syntax Description

show	Show running system information
radius-server	Show RADIUS configuration information
groups	Show RADIUS server group configuration information
s0	(Optional) RADIUS server group name

## Command Mode

- /exec

# show radius-server sorted

show radius-server sorted

## Syntax Description

show	Show running system information
radius-server	Show RADIUS configuration information
sorted	Show RADIUS servers sorted by name

## Command Mode

- /exec

**show radius-server statistics**

# show radius-server statistics

show radius-server statistics <host0>

## Syntax Description

show	Show running system information
radius-server	Show RADIUS configuration information
statistics	Show RADIUS statistics
<i>host0</i>	DNS name or IP address

## Command Mode

- /exec

# show radius status

show radius status

## Syntax Description

show	Show running system information
radius	Show RADIUS Information
status	Show RADIUS cfs distribution status

## Command Mode

- /exec

**show redundancy status**

# show redundancy status

show redundancy status

## Syntax Description

show	
redundancy	Show system redundancy status
status	Current redundancy status

## Command Mode

- /exec

# show regexp

```
show { ip mbgp [ vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 } ] | ip bgp [ vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 } ] all | ip bgp [ vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 } ] [ ipv4 { unicast | multicast } ] } regexp <regexp-str> [ vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 } ]
```

## Syntax Description

show	Show running system information
ip	Display IP information
bgp	Display BGP status and configuration
mbgp	Display MBGP status and configuration
vrf	(Optional) Virtual Router Context
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
ipv4	(Optional) Display BGP information for IPv4 address family
unicast	(Optional) Display BGP information for unicast address family
multicast	(Optional) Display BGP information for multicast address family
all	Display BGP information for all address families
regexp	Display routes matching the AS path regular expression
<i>regexp-str</i>	Regular expression to match the AS paths

## Command Mode

- /exec

**show reload**

show reload

**Syntax Description**

show	Show running system information
reload	Display information about scheduled reload

**Command Mode**

- /exec

# show resource

```
show resource [ <res-mgr-res-known-name> ] [ hidden-too | with-flags ]
```

## Syntax Description

show	Show running system information
resource	Show resource configuration for VDC
<i>res-mgr-res-known-name</i>	(Optional) Resource name
hidden-too	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
with-flags	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

## Command Mode

- /exec

**show rmon**

## show rmon

```
show rmon { alarms | events | hcalarms | info | logs }
```

### Syntax Description

show	Show running system information
rmon	Display RMON statistics
alarms	Display the RMON alarm table
events	Display the RMON event table
hcalarms	Display the RMON HC(High Capacity) Alarm table
info	Display the RMON info
logs	Display the RMON event log table

### Command Mode

- /exec

# show role

show role [ name <arg3> ]

## Syntax Description

show	Show running system information
role	Show role configuration
name	(Optional) Enter the role name
<i>arg3</i>	(Optional) Enter the role name

## Command Mode

- /exec

**show role feature-group**

# show role feature-group

show role feature-group [ name <arg4> ] [ detail ]

## Syntax Description

show	Show running system information
role	Show role configuration
feature-group	Role feature group
name	(Optional) Enter the feature-group name
<i>arg4</i>	(Optional) Feature-group name
detail	(Optional) Detailed information including feature rules

## Command Mode

- /exec

# show role feature

show role feature [ name <arg5> | detail ]

## Syntax Description

show	Show running system information
role	Show role configuration
feature	Role feature
name	(Optional) Enter the feature name
<i>arg5</i>	(Optional) Feature name
detail	(Optional) Detailed information including feature rules

## Command Mode

- /exec

**show role status**

# show role status

show role status

## Syntax Description

show	Show running system information
role	Show role configuration
status	Display role status

## Command Mode

- /exec

# show rollback log exec

show rollback log { exec | verify }

## Syntax Description

show	Show running system information
rollback	Show rollback
log	show rollback log
exec	show rollback execution log
verify	show rollback verify log

## Command Mode

- /exec

**show rollback status**

# show rollback status

show rollback status

## Syntax Description

show	Show running system information
rollback	show rollback
status	show status of last rollback operation

## Command Mode

- /exec

# show route-map

```
show route-map [ <route-map-name> | <route-map-cfg-name> ]
```

## Syntax Description

show	Show running system information
route-map	Route-map information
<i>route-map-name</i>	(Optional) Route-map name
<i>route-map-cfg-name</i>	(Optional) Known route-map name

## Command Mode

- /exec

**show route-map brief**

## show route-map brief

show route-map [ <route-map-name> | <route-map-cfg-name> ] brief

### Syntax Description

show	Show running system information
route-map	Route-map information
brief	Show client list that uses this route-map
<i>route-map-name</i>	(Optional) Route-map name
<i>route-map-cfg-name</i>	(Optional) Known route-map name

### Command Mode

- /exec

# show route-map dynamic

show route-map dynamic [ <route-map-name> ]

## Syntax Description

show	Show running system information
route-map	Route-map information
dynamic	Dynamically created route-map
<i>route-map-name</i>	(Optional) Route-map name

## Command Mode

- /exec

```
show route-map pbr-statistics
```

## show route-map pbr-statistics

show route-map { <pbr\_rmap\_name> | <pbr\_rmap\_cfg\_name> } pbr-statistics

### Syntax Description

show	Show running system information
route-map	Route-map information
<i>pbr_rmap_name</i>	Route-map name
<i>pbr_rmap_cfg_name</i>	Known route-map name
pbr-statistics	PBR statistics

### Command Mode

- /exec

# show router-guard

show router-guard [ vlan <vlan\_id> ]

## Syntax Description

show	Show running system information
router-guard	Shows router guard config details for all interfaces
vlan	(Optional) Only for the specified VLAN
<i>vlan_id</i>	(Optional) VLAN ID

## Command Mode

- /exec

**show router-guard**

# show router-guard

show router-guard [ vlan <vlan\_id> ]

## Syntax Description

show	Show running system information
router-guard	Shows router guard config details for all interfaces
vlan	(Optional) Only for the specified VLAN
<i>vlan_id</i>	(Optional) VLAN ID

## Command Mode

- /exec

# show routing-context

show routing-context

## Syntax Description

show	Show running system information
routing-context	Display the current routing context

## Command Mode

- /exec

show routing

# show routing

```
show routing [ ip | ipv4 ] [ unicast ] [ topology <topology-name> ] [ l3vm-info ] [ rpf ] [ <ip-addr> | {<ip-prefix> [ { longer-prefixes | shorter-prefixes } ] } ] [ { <protocol> [ all ] } | { bind-label <bind-lbl> | next-hop <next-hop> | next-hop-v6 <next-hop-v6> } | { interface <interface> } | { updated { [ since <stime> ] [ until <utime> ] } } ] + [ summary [ cached ] | detail [ full ] | summary-counter-consistency-check ] [ vrf {<vrf-name> | <vrf-known-name> | <vrf-all> } ]
```

## Syntax Description

show	Show running system information
routing	Display routing information
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
vrf-all	(Optional) Display information for all VRFs
ip	(Optional) Display IP information
ipv4	(Optional) Display IP information
unicast	(Optional) Display unicast information
topology	(Optional) Display per-topology information
<i>topology-name</i>	(Optional) topology name
l3vm-info	(Optional) Display corresponding L3VM information
rpf	(Optional) Display RPF information for multicast source
<i>ip-addr</i>	(Optional) Display single route longest match lookup
<i>ip-prefix</i>	(Optional) Display single exact match route
longer-prefixes	(Optional) Display matching routes with mask-lengths >= prefix
shorter-prefixes	(Optional) Display matching routes with mask-lengths <= prefix
<i>protocol</i>	(Optional) Display routes for protocol (or route type)
all	(Optional) Display routes for protocol for backup next-hops too
bind-label	(Optional) Display routes with this bind-label only
<i>bind-lbl</i>	(Optional) Binding label
next-hop	(Optional) Display routes with this next-hop only
<i>next-hop</i>	(Optional) Next hop address

next-hop-v6	(Optional) Display routes with this V6 next-hop only
interface	(Optional) Display routes with this output interface only
<i>interface</i>	(Optional) Interface Name
updated	(Optional) Display routes filtered by last updated time
since	(Optional) Display those routes updated since this time
<i>stime</i>	(Optional) Since this date/time [[CC]YY-][MM-DD-]HH:MM[:SS]
until	(Optional) Display those routes updated until this time
<i>utime</i>	(Optional) Until this date/time [[CC]YY-][MM-DD-]HH:MM[:SS]
summary	(Optional) Display route counts
detail	(Optional) Display routes in detail (condensed when more than 1000 routes)
full	(Optional) Display routes in full detail
cached	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
summary-counter-consistency-check	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

**Command Mode**

- /exec

**show routing clients**

# show routing clients

show routing [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } ] [ ip | ipv4 ] [ unicast ] [ topology <topology-name> ] clients [ <client> | <protocol> ]

## Syntax Description

show	Show running system information
routing	Display routing information
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
<i>vrf-all</i>	(Optional) Display information for all VRFs
topology	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>topology-name</i>	(Optional) topology name
ip	(Optional) Display IP information
ipv4	(Optional) Display IP information
unicast	(Optional) Display unicast information
clients	Display urib client information
<i>client</i>	(Optional) Display single urib client information
<i>protocol</i>	(Optional) Display single urib client information

## Command Mode

- /exec

# show routing hash

```
show routing [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } ] [ ip | ipv4 ] [ unicast ] [ topology
<topology-name> ] hash <source> <dest> [ ip-proto <ip-proto> ] { { [ gtpu-teid <gtpu-teid> ] } | { [ ttl [ <ttl>
[ dest-port <dest-port> ] ] ] } | { [ udf <value> length <length> [ dest-port <dest-port> ] ] } | { [ <src-port>
<dest-port> ] } } [ in-interface <in-interface> ] [ module <module-id> ] [ vrf { <vrf-name> | <vrf-known-name>
| <vrf-all> } ]
```

## Syntax Description

show	Show running system information
routing	Display routing information
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
<i>vrf-all</i>	(Optional) Display information for all VRFs
ip	(Optional) Display IP information
ipv4	(Optional) Display IP information
unicast	(Optional) Display unicast information
topology	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>topology-name</i>	(Optional) topology name
hash	Display load-balancing hash information
<i>source</i>	Source IPv4 address of unicast flow or group address for multicast flow
<i>dest</i>	Destination IPv4 address of unicast flow or source address for multicast flow
<i>src-port</i>	(Optional) Source-port
<i>dest-port</i>	(Optional) Destination-port
in-interface	(Optional) Incoming Interface for Packet. Option valid on Tomahawk platform only
<i>in-interface</i>	(Optional) Interface Name
ip-proto	(Optional) IP Protocol information for the packet
<i>ip-proto</i>	(Optional) IP Protocol information for the packet
gtpu-teid	(Optional) GTPu TEID for the packet
<i>gtpu-teid</i>	(Optional) GTPu TEID for the packet

**show routing hash**

ttl	(Optional) TTL value for the packet
<i>ttl</i>	(Optional) TTL value for the packet
udf	(Optional) UDF information for the packet
<i>value</i>	(Optional) UDF value for the packet
length	(Optional) Length in bits from udf offset
<i>length</i>	(Optional) Enter Length in bits from udf offset
dest-port	(Optional) Destination-port
<i>dest-port</i>	(Optional) Destination-port
module	(Optional) Module
<i>module-id</i>	(Optional) Module

#### Command Mode

- /exec

# show routing hidden-nh

show routing [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } ] [ ip | ipv4 ] [ unicast ] [ topology <topology-name> ] hidden-nh

## Syntax Description

show	Show running system information
routing	Display routing information
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
<i>vrf-all</i>	(Optional) Display information for all VRFs
ip	(Optional) Display IP information
ipv4	(Optional) Display IP information
unicast	(Optional) Display unicast information
topology	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>topology-name</i>	(Optional) topology name
hidden-nh	Display hidden next-hop information

## Command Mode

- /exec

show routing ipv6

# show routing ipv6

```
show routing ipv6 [ unicast ] [ topology <topology-name> ] [ l3vm-info ] [ rpf ] [ <ipv6-addr> | { <ipv6-prefix>
[ { longer-prefixes | shorter-prefixes } ] } ] [ { <ipv6-protocol> [ all ] } | { bind-label <bind-lbl> | next-hop
<next-hop> } | { interface <interface> } | { updated { [ since <stime> ] [ until <utime> ] } } ] + [ summary [
cached ] | summary-counter-consistency-check | { [ detail ] [ deleted ] } ] [ vrf { <vrf-name> |
<vrf-known-name> | <vrf-all> } ]
```

## Syntax Description

show	Show running system information
routing	Display routing information
ipv6	Display IPv6 information
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
<i>vrf-all</i>	(Optional) Display information for all VRFs
unicast	(Optional) Display unicast information
topology	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>topology-name</i>	(Optional) topology name
l3vm-info	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
rpf	(Optional) Display RPF information for multicast source
longer-prefixes	(Optional) Display matching routes with mask-lengths >= prefix
shorter-prefixes	(Optional) Display matching routes with mask-lengths <= prefix
<i>ipv6-protocol</i>	(Optional) Display routes for protocol (or route type)
all	(Optional) Display routes for protocol for backup next-hops too
bind-label	(Optional) Display routes with this bind-label only
<i>bind-lbl</i>	(Optional) Binding label
<i>srv6-funct</i>	(Optional) Srv6 function
next-hop	(Optional) Display routes with this next-hop only
interface	(Optional) Display routes with this output interface only
<i>interface</i>	(Optional) Interface Name
updated	(Optional) Display routes filtered by last updated time

since	(Optional) Display those routes updated since this time
<i>stime</i>	(Optional) Since this date/time [[CC]YY-][MM-DD-]HH:MM[:SS]
until	(Optional) Display those routes updated until this time
<i>utime</i>	(Optional) Until this date/time [[CC]YY-][MM-DD-]HH:MM[:SS]
summary	(Optional) Display route counts
cached	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
summary-counter-consistency-check	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
deleted	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
detail	(Optional) Display routes in full detail

**Command Mode**

- /exec

show routing ipv6 clients

# show routing ipv6 clients

```
show routing [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } ] ipv6 [ unicast ] [ topology <topology-name> ] clients [ <client> | <ipv6-protocol> ] [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } ]
```

## Syntax Description

show	Show running system information
routing	Display routing information
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
<i>vrf-all</i>	(Optional) Display information for all VRFs
ipv6	Display IPv6 information
unicast	(Optional) Display unicast information
topology	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>topology-name</i>	(Optional) topology name
clients	Display u6rib client information
<i>client</i>	(Optional) Display single u6rib client information
<i>ipv6-protocol</i>	(Optional) Display single u6rib client information

## Command Mode

- /exec

# show routing ipv6 hash

```
show routing [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } ] ipv6 [ unicast ] [ topology <topology-name> ] hash [ mpls <ipv6-prefix> [ eos ] ] <source> <dest> [ ip-proto <ip-proto> ] { { [ ipv6-flowlabel <ipv6-flowlabel> ] } { [ <src-port> <dest-port> ] } } { [ ttl <ttl> [ dest-port <dest-port> ] ] } { [ udf <value> length <length> [ dest-port <dest-port> ] ] } { [ gtpu-teid <gtpu-teid> ] } [ in-interface <in-interface> ] [ module <module-id> ] [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } ]
```

## Syntax Description

show	Show running system information
routing	Display routing information
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
vrf-all	(Optional) Display information for all VRFs
ipv6	Display IPv6 information
unicast	(Optional) Display unicast information
topology	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>topology-name</i>	(Optional) topology name
hash	Display load-balancing hash information
mpls	(Optional) MPLS path load-balancing hash information
eos	(Optional) Set End-of-Stack to 1
ip-proto	(Optional) IP Protocol information for the packet
<i>ip-proto</i>	(Optional) IP Protocol information for the packet
ipv6-flowlabel	(Optional) Flow label in the IPV6 packet
<i>ipv6-flowlabel</i>	(Optional) Flow label in the IPV6 packet
<i>src-port</i>	(Optional) Source-port
<i>dest-port</i>	(Optional) Destination-port
ttl	(Optional) TTL value for the packet
<i>ttl</i>	(Optional) TTL value for the packet
udf	(Optional) UDF information for the packet
<i>value</i>	(Optional) UDF value for the packet

**show routing ipv6 hash**

length	(Optional) Length in bits from udf offset
<i>length</i>	(Optional) Enter Length in bits from udf offset
dest-port	(Optional) Destination-port
<i>dest-port</i>	(Optional) Destination-port
gtpu-teid	(Optional) GTPu TEID for the packet
<i>gtpu-teid</i>	(Optional) GTPu TEID for the packet
in-interface	(Optional) Incoming Interface for Packet.Option valid on Tomahawk platform only.
<i>in-interface</i>	(Optional) Interface Name
module	(Optional) Module
<i>module-id</i>	(Optional) Module

#### Command Mode

- /exec

# show routing ipv6 hidden-nh

show routing [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } ] ipv6 [ unicast ] [ topology <topology-name> ] hidden-nh

## Syntax Description

show	Show running system information
routing	Display routing information
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
vrf-all	(Optional) Display information for all VRFs
ipv6	Display IPv6 information
unicast	(Optional) Display unicast information
topology	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>topology-name</i>	(Optional) topology name
hidden-nh	Display hidden next-hop information

## Command Mode

- /exec

show routing ipv6 memory estimate

# show routing ipv6 memory estimate

show routing ipv6 [ unicast ] memory estimate [ routes <route-count> next-hops <nh-count> ] [ labels ]

## Syntax Description

show	Show running system information
routing	Display routing information
ipv6	Display IPv6 information
unicast	(Optional) Display unicast information
memory	Display u6rib memory information
estimate	Display u6rib memory estimate
routes	(Optional) Display u6rib memory estimate for # routes
<i>route-count</i>	(Optional) Number of routes
next-hops	(Optional) Display u6rib memory estimate for # next-hops per route
<i>nh-count</i>	(Optional) Number of next-hops per route
labels	(Optional) When the routes are associated with next hop labels

## Command Mode

- /exec

# show routing ipv6 memory statistics

show routing ipv6 [ unicast ] memory statistics

## Syntax Description

show	Show running system information
routing	Display routing information
ipv6	Display IPv6 information
unicast	(Optional) Display unicast routing information
memory	Display u6rib memory information
statistics	Display u6rib memory statistics

## Command Mode

- /exec

show routing ipv6 multicast bandwidth

## show routing ipv6 multicast bandwidth

show routing ipv6 multicast bandwidth [ vrf { <vrf-name> | <vrf-known-name> | all } ]

### Syntax Description

show	Show running system information
routing	Display routing information
ipv6	Display IPv6 information
multicast	Display multicast information
bandwidth	High priority flow bw in kbps
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

### Command Mode

- /exec

# show routing ipv6 multicast clients

show routing ipv6 multicast clients [ <client-name> ] [ detail ]

## Syntax Description

show	Show running system information
routing	Display routing information
ipv6	Display IPv6 information
multicast	Display multicast information
clients	Display multicast routing client information
<i>client-name</i>	(Optional) Multicast routing client name
detail	(Optional) Display detailed route attributes

## Command Mode

- /exec

```
show routing ipv6 multicast lisp encaps
```

# show routing ipv6 multicast lisp encaps

{ show routing ipv6 multicast lisp encaps }

## Syntax Description

show	Show running system information
routing	Display routing information
ipv6	Display IPv6 information
multicast	Display multicast information
lisp	LISP related information
encap	All the encaps indices

## Command Mode

- /exec

# show routing ipv6 multicast mdt encapsulation

show routing ipv6 multicast mdt encapsulation [ detail ] [ vrf { <vrf-name> | <vrf-known-name> | all } ]

## Syntax Description

show	Show running system information
routing	Display routing information
ipv6	Display IPv6 information
multicast	Display multicast information
mdt	Multicast Distribution Tree
encapsulation	Encapsulation Information
detail	(Optional) Display detailed information
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

## Command Mode

- /exec

show routing ipv6 multicast memory estimate

## show routing ipv6 multicast memory estimate

show routing ipv6 multicast memory estimate [ groups <group-count> sources-per-group <source-count> oifs-per-entry <oif-count> [ mdt-encap-entries <encap-entry-count> ] ]

### Syntax Description

show	Show running system information
routing	Display routing information
ipv6	Display IPv6 information
multicast	Display multicast information
memory	Display mrib memory information
estimate	Display mrib memory estimate
groups	(Optional) Display mrib memory estimate for # groups
<i>group-count</i>	(Optional) Number of groups
sources-per-group	(Optional) Display mrib memory estimate for # sources per group
<i>source-count</i>	(Optional) Number of sources per route
oifs-per-entry	(Optional) Display mrib memory estimate for # oifs per (S,G) or (*,G) entry
<i>oif-count</i>	(Optional) Number of oifs per entry
mdt-encap-entries	(Optional) Display mrib memory estimate for # mdt encaps entries
<i>encap-entry-count</i>	(Optional) Number of mdt encaps entries

### Command Mode

- /exec

# show routing ipv6 multicast sr

show routing ipv6 multicast sr [ vrf { <vrf-name> | <vrf-known-name> | all } ]

## Syntax Description

show	Show running system information
routing	Display routing information
ipv6	Display IPv6 information
multicast	Display multicast information
sr	Service Reflect Rules
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

## Command Mode

- /exec

show routing ipv6 nhlfe

## show routing ipv6 nhlfe

show routing [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } ] ipv6 [ unicast ] [ topology <topology-name> ] nhlfe [ stats ] [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } ]

### Syntax Description

show	Show running system information
routing	Display routing information
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
<i>vrf-all</i>	(Optional) Display information for all VRFs
ipv6	Display IPv6 information
unicast	(Optional) Display unicast information
topology	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>topology-name</i>	(Optional) topology name
nhlfe	Display NHLFE db
stats	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

### Command Mode

- /exec

# show routing ipv6 recursive-next-hop

show routing [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } ] ipv6 [ unicast ] [ topology <topology-name> ] recursive-next-hop [ <ipv6-addr> ] [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } ]

## Syntax Description

show	Show running system information
routing	Display routing information
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
<i>vrf-all</i>	(Optional) Display information for all VRFs
ipv6	Display IPv6 information
unicast	(Optional) Display unicast information
topology	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>topology-name</i>	(Optional) topology name
recursive-next-hop	Display recursive next-hop table

## Command Mode

- /exec

show routing memory estimate

# show routing memory estimate

```
show routing [ ip | ipv4 ] [ unicast ] memory estimate [ routes <route-count> [ next-hops <nh-count> <nh-unique> ] [ next-hops-v6 <nh6-count> <nh6-unique> ] [ next-hops-srte <srte-count> <srte-unique> ] ] [ labels ]
```

## Syntax Description

show	Show running system information
routing	Display routing information
ip	(Optional) Display IP information
ipv4	(Optional) Display IP information
unicast	(Optional) Display unicast information
memory	Display urib memory information
estimate	Display urib memory estimate
routes	(Optional) Display urib memory estimate for # routes
<i>route-count</i>	(Optional) Number of routes
next-hops	(Optional) Display urib memory estimate for # next-hops per route
<i>nh-count</i>	(Optional) Number of next-hops per route
<i>nh-unique</i>	(Optional) Number of unique next-hops (between 1 and route-count*nh-count)
next-hops-v6	(Optional) Display urib memory estimate for # V6 next-hops per route
<i>nh6-count</i>	(Optional) Number of V6 next-hops per route
<i>nh6-unique</i>	(Optional) Number of unique V6 next-hops (between 1 and route-count*nh6-count)
next-hops-srte	(Optional) Display urib memory estimate for # srte next-hops per route
<i>srte-count</i>	(Optional) Number of srte next-hops per route
<i>srte-unique</i>	(Optional) Number of unique srte next-hops (between 1 and route-count*srte-count)
labels	(Optional) When the routes are associated with next hop labels

## Command Mode

- /exec

# show routing memory statistics

show routing [ ip | ipv4 ] [ unicast ] memory statistics [ debug ]

## Syntax Description

show	Show running system information
routing	Display routing information
ip	(Optional) Display IP information
ipv4	(Optional) Display IP information
unicast	(Optional) Display unicast information
memory	Display urib memory information
statistics	Display urib memory statistics
debug	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

## Command Mode

- /exec

show routing multicast clients

# show routing multicast clients

show routing [ ip | ipv4 ] multicast clients [ <client-name> ] [ detail ]

## Syntax Description

show	Show running system information
routing	Display routing information
ip	(Optional) Display IP information
ipv4	(Optional) Display IP information
multicast	Display multicast information
clients	Display multicast routing client information
<i>client-name</i>	(Optional) Multicast routing client name
detail	(Optional) Display detailed route attributes

## Command Mode

- /exec

# show routing multicast lisp encaps

{ show routing [ ip | ipv4 ] multicast lisp encaps }

## Syntax Description

show	Show running system information
routing	Display routing information
ip	(Optional) Display IP information
ipv4	(Optional) Display IP information
multicast	Display multicast information
lisp	LISP related information
encap	All the encap indices

## Command Mode

- /exec

show routing multicast mdt encapsulation

## show routing multicast mdt encapsulation

show routing [ ip | ipv4 ] multicast mdt encapsulation [ detail ] [ vrf { <vrf-name> | <vrf-known-name> | all } ]

### Syntax Description

show	Show running system information
routing	Display routing information
ip	(Optional) Display IP information
ipv4	(Optional) Display IP information
multicast	Display multicast information
mdt	Multicast Distribution Tree
encapsulation	Encapsulation Information
detail	(Optional) Display detailed information
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

### Command Mode

- /exec

# show routing multicast memory estimate

show routing [ ip | ipv4 ] multicast memory estimate [ groups <group-count> sources-per-group <source-count> oifs-per-entry <oif-count> [ mdt-encap-entries <encap-entry-count> ] ]

## Syntax Description

show	Show running system information
routing	Display routing information
ip	(Optional) Display IP information
ipv4	(Optional) Display IP information
multicast	Display multicast information
memory	Display mrrib memory information
estimate	Display mrrib memory estimate
groups	(Optional) Display mrrib memory estimate for # groups
<i>group-count</i>	(Optional) Number of groups
sources-per-group	(Optional) Display mrrib memory estimate for # sources per group
<i>source-count</i>	(Optional) Number of sources per route
oifs-per-entry	(Optional) Display mrrib memory estimate for # oifs per (S,G) or (*,G) entry
<i>oif-count</i>	(Optional) Number of oifs per entry
mdt-encap-entries	(Optional) Display mrrib memory estimate for # mdt encaps entries
<i>encap-entry-count</i>	(Optional) Number of mdt encaps entries

## Command Mode

- /exec

show routing multicast sr

## show routing multicast sr

show routing [ ip | ipv4 ] multicast sr [ vrf { <vrf-name> | <vrf-known-name> | all } ]

### Syntax Description

show	Show running system information
routing	Display routing information
ip	(Optional) Display IP information
ipv4	(Optional) Display IP information
multicast	Display multicast information
sr	Service Reflect Rules
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

### Command Mode

- /exec

# show routing nhlfe

```
show routing [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } ] [ ip | ipv4 ] [ unicast ] [ topology <topology-name> ] nhlfe [ stats ] [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } ]
```

## Syntax Description

show	Show running system information
routing	Display routing information
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
<i>vrf-all</i>	(Optional) Display information for all VRFs
ip	(Optional) Display IP information
ipv4	(Optional) Display IP information
unicast	(Optional) Display unicast information
topology	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>topology-name</i>	(Optional) topology name
nhlfe	Display URIB NHLFE db
stats	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

## Command Mode

- /exec

show routing recursive-next-hop

## show routing recursive-next-hop

```
show routing [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } ] [ ip | ipv4 ] [ unicast ] [ topology <topology-name> ] recursive-next-hop [ <ip-addr> ] [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } ]
```

### Syntax Description

show	Show running system information
routing	Display routing information
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
<i>vrf-all</i>	(Optional) Display information for all VRFs
ip	(Optional) Display IP information
ipv4	(Optional) Display IP information
unicast	(Optional) Display unicast information
topology	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
recursive-next-hop	Display recursive next-hop table
<i>topology-name</i>	(Optional) topology name
<i>ip-addr</i>	(Optional) Display single recursive virtual next-hop

### Command Mode

- /exec

# show routing vxlan-hash peer-ip

show routing vxlan-hash peer-ip <peer-ip> <inner-src-mac> <inner-dst-mac> [ <inner-src-ip> <inner-dst-ip> ] [ <inner-src-ip6> <inner-dst-ip6> ] [ ip-proto <ip-proto> ] [ <inner-src-port> <inner-dst-port> ] [ module <module-id> ]

## Syntax Description

show	Show running system information
routing	Display routing information
vxlan-hash	Display load-balancing information for vxlan
peer-ip	Peer IP address
<i>peer-ip</i>	Peer IP
<i>inner-src-mac</i>	Inner Source MAC Address
<i>inner-dst-mac</i>	Inner Destination MAC Address
<i>inner-src-ip</i>	(Optional) Inner Source IP
<i>inner-dst-ip</i>	(Optional) Inner Destination IP
ip-proto	(Optional) IP Protocol information for the packet
<i>ip-proto</i>	(Optional) IP Protocol information for the packet
<i>inner-src-port</i>	(Optional) Inner Source-port
<i>inner-dst-port</i>	(Optional) Inner Destination-port
module	(Optional) Module
<i>module-id</i>	(Optional) Module

## Command Mode

- /exec

show routing vxlan-hash peer-ipv6

## show routing vxlan-hash peer-ipv6

```
show routing vxlan-hash peer-ipv6 <peer-ipv6> <inner-src-mac> <inner-dst-mac> [ <inner-src-ip>
<inner-dst-ip> ] [ <inner-src-ip6> <inner-dst-ip6> ] [ ip-proto <ip-proto> ] [ <inner-src-port> <inner-dst-port>
] [ module <module-id> ]
```

### Syntax Description

show	Show running system information
routing	Display routing information
vxlan-hash	Display load-balancing information for vxlan
peer-ipv6	Peer IPv6 address
<i>inner-src-mac</i>	Inner Source MAC Address
<i>inner-dst-mac</i>	Inner Destination MAC Address
<i>inner-src-ip</i>	(Optional) Inner Source IP
<i>inner-dst-ip</i>	(Optional) Inner Destination IP
ip-proto	(Optional) IP Protocol information for the packet
<i>ip-proto</i>	(Optional) IP Protocol information for the packet
<i>inner-src-port</i>	(Optional) Inner Source-port
<i>inner-dst-port</i>	(Optional) Inner Destination-port
module	(Optional) Module
<i>module-id</i>	(Optional) Module

### Command Mode

- /exec

# show rscn event-tov vsan

show rscn event-tov vsan <i0>

## Syntax Description

show	Show running system information
event-tov	show event time out value
vsan	show event time out value
<i>i0</i>	VSAN id

## Command Mode

- /exec

```
show rscn pending-diff vsan
```

## show rscn pending-diff vsan

show rscn pending-diff vsan <i0>

### Syntax Description

show	Show running system information
pending-diff	show difference b/w pending and active configuration
vsan	show difference b/w pending and active configuration
<i>i0</i>	VSAN id

### Command Mode

- /exec

# show rscn pending vsan

show rscn pending vsan <i0>

## Syntax Description

show	Show running system information
pending	show pending configuration
vsan	show pending configuration
<i>i0</i>	VSAN id

## Command Mode

- /exec

**show rscn scr-table**

## show rscn scr-table

```
show rscn scr-table [ vsan <i0> ]
```

### Syntax Description

show	Show running system information
scr-table	show State Change Registration table
vsan	(Optional) show table for given vsan
<i>i0</i>	(Optional) VSAN id range

### Command Mode

- /exec

# show rscn session status vsan

show rscn session status vsan <i0>

## Syntax Description

show	Show running system information
session	show rscn session status
status	show rscn session status
vsan	show internals for session history
<i>i0</i>	VSAN id range

## Command Mode

- /exec

**show rscn statistics**

# show rscn statistics

```
show rscn statistics { [ vsan <i0> ] | detail [ vsan <i1> ] }
```

## Syntax Description

show	Show running system information
statistics	show RSCN Statistics
vsan	(Optional) show statistics for given vsan
<i>i0</i>	(Optional) VSAN id range
detail	show statistics for each type of RSCN
vsan	(Optional) show statistics for given vsan
<i>i1</i>	(Optional) VSAN id range

## Command Mode

- /exec

# show running-config

show running-config [ sanitized ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
sanitized	(Optional) Current operating configuration with sensitive information (passwords) removed

## Command Mode

- /exec

```
show running-config aaa
```

## show running-config aaa

show running-config aaa [ all ]

### Syntax Description

show	show running-cfg
running-config	show running system information
aaa	Display aaa configuration
all	(Optional) show running config with defaults

### Command Mode

- /exec

# show running-config aclmgr

show running-config aclmgr [ all | inactive-if-config ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
aclmgr	show running config for aclmgr
all	(Optional) show running config with defaults
inactive-if-config	(Optional) show running config for inactive-policies

## Command Mode

- /exec

```
show running-config adjmgr
```

## show running-config adjmgr

show running-config adjmgr [ all ]

### Syntax Description

show	Show running system information
running-config	Current operating configuration
adjmgr	Display adjmgr information
all	(Optional) Display running config with defaults clis

### Command Mode

- /exec

# show running-config all

show running-config all [ sanitized ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
all	Current operating configuration with defaults
sanitized	(Optional) Current operating configuration including defaults with sensitive information (passwords) removed

## Command Mode

- /exec

```
show running-config app-hosting
```

# show running-config app-hosting

show running-config app-hosting

## Syntax Description

show	Show running system information
running-config	Current operating configuration
app-hosting	show running config for app-hosting

## Command Mode

- /exec

# show running-config arp

show running-config arp [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
arp	Display arp information
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

**show running-config assoc**

# show running-config assoc

show running-config assoc [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
assoc	Original ID to Translated ID Association
all	(Optional) show running config with defaults

## Command Mode

- /exec

# show running-config backup

show running-config { backup | flexlink } [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
backup	Show running config for Switchport Backup
flexlink	Show running config for Switchport Backup
all	(Optional) Show config with defaults

## Command Mode

- /exec

**show running-config bfd**

# show running-config bfd

show running-config bfd [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
bfd	show running config for bfd
all	(Optional) show running config with defaults

## Command Mode

- /exec

# show running-config bgp

show running-config bgp [ all ]

## Syntax Description

show	Show running system information
running-config	Current operationg configuration
bgp	Display bgp information
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

```
show running-config bloggerd
```

## show running-config bloggerd

show running-config bloggerd [ all ]

### Syntax Description

show	show running-cfg
running-config	show running system information
bloggerd	Display bloggerd configuration
all	(Optional) show running config with defaults

### Command Mode

- /exec

# show running-config callhome

show running-config callhome [ all ]

## Syntax Description

show	show running-cfg
running-config	show running system information
callhome	Display callhome configuration
all	(Optional) show running config with defaults

## Command Mode

- /exec

**show running-config cdp**

# show running-config cdp

show running-config cdp [ all ]

## Syntax Description

show	show running-cfg
running-config	show running system information
cdp	Display cdp configuration
all	(Optional) show running config with defaults

## Command Mode

- /exec

# show running-config cert-enroll

show running-config cert-enroll [ all ]

## Syntax Description

show	show running-cfg
running-config	show running system information
cert-enroll	Display certificates configuration
all	(Optional) show running config with defaults

## Command Mode

- /exec

**show running-config cfs**

# show running-config cfs

show running-config cfs [ all ]

## Syntax Description

show	Show running system information
running-config	Current operation configuration
cfs	Display cfs configurations
all	(Optional) show running config with defaults

## Command Mode

- /exec

# show running-config clock\_manager

show running-config clock\_manager [ all ]

## Syntax Description

running-config	Current operating configuration
clock_manager	show running config for clock manager
all	(Optional) show running config with defaults

## Command Mode

- /exec

```
■ show running-config config-profile
```

## show running-config config-profile

show running-config config-profile [ <all\_conf\_profile\_name> ]

### Syntax Description

show	Show running-cfg
running-config	show running configuration
config-profile	Display port-profile configuration
<i>all_conf_profile_name</i>	(Optional) Enter the name of the profile

### Command Mode

- /exec

# show running-config controller

show running-config controller

## Syntax Description

show	Show running system information
running-config	Current operating configuration
controller	controller

## Command Mode

- /exec

**show running-config copp**

# show running-config copp

show running-config copp [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
copp	Control-Plane Policing
all	(Optional) show running config with defaults

## Command Mode

- /exec

# show running-config cryptopqc

show running-config cryptopqc [ all ]

## Syntax Description

show	Show running system information
running-config	Current operation configuration
cryptopqc	Display cryptopqc configuration
all	(Optional) show running config with defaults

## Command Mode

- /exec

```
show running-config dhcp
```

## show running-config dhcp

show running-config dhcp [ all ]

### Syntax Description

show	Show running system information
running-config	Current operation configuration
dhcp	Display dhcp snoop configurations
all	(Optional) show running config with defaults

### Command Mode

- /exec

# show running-config diagnostic

show running-config diagnostic [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
diagnostic	Display diagnostic information
all	(Optional) Display running config with defaults

## Command Mode

- /exec

**show running-config diff**

# show running-config diff

show running-config diff [ unified ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
diff	Show the difference between running and startup configuration in context format
unified	(Optional) Show the difference between running and startup configuration in unified format

## Command Mode

- /exec

# show running-config dot1x

show running-config dot1x [ all ]

## Syntax Description

show	show running-cfg
running-config	show running system information
dot1x	Display dot1x configuration
all	(Optional) show running config with defaults

## Command Mode

- /exec

**show running-config ecp**

# show running-config ecp

show running-config ecp [ all ]

## Syntax Description

show	Show running system information
running-config	Current operationg configuration
ecp	ECP (Edge Control Protocol)
all	(Optional) Display running config with defaults

## Command Mode

- /exec

# show running-config eem

show running-config eem

## Syntax Description

show	Show running system information
running-config	Show the system running configuration
eem	Show the event manager running configuration

## Command Mode

- /exec

```
show running-config eigrp
```

## show running-config eigrp

show running-config eigrp [ all ]

### Syntax Description

show	Show running system information
running-config	Current operationg configuration
eigrp	Display eigrp information
all	(Optional) Display running config with defaults clis

### Command Mode

- /exec

# show running-config eltm

show running-config eltm

## Syntax Description

show	Show running system information
running-config	Current operation configuration
eltm	Display eltm configurations

## Command Mode

- /exec

**show running-config epbr**

## show running-config epbr

show running-config epbr

### Syntax Description

show	show running-cfg
running-config	show running system information
epbr	epbr

### Command Mode

- /exec

# show running-config evb

show running-config evb [ all ]

## Syntax Description

show	Show running system information
running-config	Current operationg configuration
evb	EVB (Edge Virtual Bridge)
all	(Optional) Display running config with defaults

## Command Mode

- /exec

**show running-config exclude**

show running-config exclude &lt;feature-list&gt; +

**Syntax Description**

show	Show running system information
running-config	Current operating configuration
exclude	Exclude running configuration of specified features
<i>feature-list</i>	Exclude features

**Command Mode**

- /exec

# show running-config expand-port-profile

show running-config expand-port-profile

## Syntax Description

show	Show running system information
running-config	Current operating configuration
expand-port-profile	Expand port profile

## Command Mode

- /exec

```
■ show running-config fabric forwarding
```

# show running-config fabric forwarding

show running-config fabric forwarding [ all ]

## Syntax Description

show	Show running system information
running-config	Current operationg configuration
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

# show running-config fabric multicast

show running-config fabric multicast [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
fabric	Fabric
multicast	Multicast information
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

```
show running-config fabricpath
```

# show running-config fabricpath

show running-config fabricpath [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
fabricpath	fabricpath information
all	(Optional) Show running config with defaults

## Command Mode

- /exec

# show running-config fabricpath domain default

show running-config fabricpath domain default [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
fabricpath	fabricpath information
domain	Enter fabricpath IS-IS domain configuration mode
default	default fabricpath domain
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

```
■ show running-config fabricpath switch-id
```

## show running-config fabricpath switch-id

show running-config fabricpath switch-id [ all ]

### Syntax Description

running-config	Current operating configuration
fabricpath	fabricpath information
switch-id	fabricpath switch-id configuration
all	(Optional) show running config with defaults

### Command Mode

- /exec

# show running-config fabricpath topology

show running-config fabricpath topology [ all ]

## Syntax Description

show	Show running system information
running-config	Current operationg configuration
fabricpath	fabricpath Module Information
topology	Fabricpath topology Information
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

```
show running-config fcoe_mgr
```

## show running-config fcoe\_mgr

show running-config fcoe\_mgr [ all ]

### Syntax Description

show	show running-cfg
running-config	show running system information
fcoe_mgr	Display fcoe_mgr configuration
all	(Optional) show running config with defaults

### Command Mode

- /exec

# show running-config fsync\_mgr

show running-config fsync\_mgr [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
fsync_mgr	Frequency Synchronization Manager
all	(Optional) show running config with defaults

## Command Mode

- /exec

```
show running-config hardware-telemetry
```

## show running-config hardware-telemetry

show running-config hardware-telemetry [ all ]

### Syntax Description

running-config	Current operating configuration
hardware-telemetry	show running config for hardware-telemetry
all	(Optional) show running config with defaults

### Command Mode

- /exec

# show running-config hsrp

show running-config hsrp [ all ]

## Syntax Description

show	Show system information
running-config	System running configuration
hsrp	HSRP running configuration
all	(Optional) Show HSRP running configuration defaults

## Command Mode

- /exec

```
show running-config icmpv6
```

## show running-config icmpv6

show running-config icmpv6 [ all ]

### Syntax Description

show	Show running system information
running-config	Current operating configuration
icmpv6	Display icmpv6 information
all	(Optional) Display running config with defaults clis

### Command Mode

- /exec

# show running-config igmp

show running-config igmp [ all ]

## Syntax Description

show	Show running system information
running-config	Current operationg configuration
igmp	Display igmp information
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

**show running-config imp**

# show running-config imp

show running-config imp [ all ]

## Syntax Description

show	Show system information
running-config	System running configuration
imp	IMP running configuration
all	(Optional) Show IMP running configuration defaults

## Command Mode

- /exec

# show running-config interface

show running-config interface [ <if0> ] [ all ] [ expand-port-profile ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
interface	Interface configuration
<i>if0</i>	(Optional) interface type and number in module/slot format
all	(Optional) show running config with defaults
expand-port-profile	(Optional) Expand port profile

## Command Mode

- /exec

**show running-config interface**

# show running-config interface

show running-config interface <if0> [ membership ] [ expand-port-profile ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
interface	Interface configuration
<i>if0</i>	interface type and number in module/slot format
membership	(Optional) Show membership information
expand-port-profile	(Optional) Expand port profile

## Command Mode

- /exec

# show running-config intersight

show running-config intersight

## Syntax Description

show	Show running system information
running-config	Current operation configuration
intersight	Display intersight configurations

## Command Mode

- /exec

**show running-config ip**

# show running-config ip

show running-config ip [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
ip	Display ip information
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

# show running-config ipqos

show running-config ipqos [ all | inactive-if-config ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
all	(Optional) show running config with defaults
inactive-if-config	(Optional) show running config for inactive-policies

## Command Mode

- /exec

**show running-config ipv6**

# show running-config ipv6

show running-config ipv6 [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
ipv6	Display ipv6 information
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

# show running-config isis

show running-config isis [ all ]

## Syntax Description

show	Show running system information
running-config	Current operationg configuration
isis	Display isis information
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

**show running-config l3vm**

# show running-config l3vm

show running-config l3vm [ all ]

## Syntax Description

show	Show running system information
running-config	Current operationg configuration
l3vm	Display l3vm information
all	(Optional) Display running config with defaults

## Command Mode

- /exec

# show running-config ldap

show running-config ldap [ all ]

## Syntax Description

show	show running-cfg
running-config	show running system information
ldap	Display ldap configuration
all	(Optional) show running config with defaults

## Command Mode

- /exec

**show running-config license**

# show running-config license

show running-config license [ all ]

## Syntax Description

show	show
running-config	show running system information
license	Display licensing configuration
all	(Optional) show running config with defaults

## Command Mode

- /exec

# show running-config lisp

show running-config lisp [ all ]

## Syntax Description

show	Show running system information
running-config	Current operationg configuration
lisp	Display lisp information
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

**show running-config lldp**

# show running-config lldp

show running-config lldp [ all ]

## Syntax Description

show	show running-cfg
running-config	show running system information
lldp	Display lldp configuration
all	(Optional) show running config with defaults

## Command Mode

- /exec

# show running-config lpss

show running-config lpss

## Syntax Description

show	Show system information
running-config	Show running system information
lpss	Display Light weight Persistent Storage configuration

## Command Mode

- /exec

```
show running-config macsec
```

## show running-config macsec

show running-config macsec

### Syntax Description

show	Show running system information
running-config	Current operating configuration
macsec	Show CTS information

### Command Mode

- /exec

# show running-config mdns

show running-config mdns [ all ]

## Syntax Description

show	Show running system information
running-config	Show running system information
mdns	Display MDNS information
all	(Optional) Current operating configuration with defaults

## Command Mode

- /exec

**show running-config mfwd**

## show running-config mfwd

show running-config { mfwd | mcastfwd } [ all ]

### Syntax Description

show	Show running system information
running-config	Current operationg configuration
mcastfwd	Display MCASTFWD information
mfwd	Display MFWD information
all	(Optional) Display running config with defaults clis

### Command Mode

- /exec

# show running-config mfwdv6

show running-config { mfwdv6 | mcastfwdv6 } [ all ]

## Syntax Description

show	Show running system information
running-config	Current operationg configuration
mcastfwdv6	Display IPV6 MCASTFWD information
mfwdv6	Display IPV6 MFWD information
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

**show running-config mld**

# show running-config mld

show running-config mld [ all ]

## Syntax Description

show	Show running system information
running-config	Current operationg configuration
mld	Display MLD information
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

# show running-config mmode

show running-config mmode [ all ]

## Syntax Description

show	Show running system information
running-config	Show running configuration
mmode	Display maintenance mode running configuration
all	(Optional) Show running config with defaults

## Command Mode

- /exec

**show running-config monitor**

# show running-config monitor

show running-config monitor [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
monitor	Configure Ethernet SPAN sessions
all	(Optional) show running config with defaults

## Command Mode

- /exec

# show running-config mpls static

show running-config mpls static [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
mpls	Display MPLS status and configuration
static	Static Label Bindings
all	(Optional) Display running-config with defaults

## Command Mode

- /exec

```
show running-config mpls strip
```

## show running-config mpls strip

show running-config mpls strip [ all ]

### Syntax Description

show	Show running system information
mpls	MPLS information
strip	Stripping of MPLS headers
running-config	System running configuration
all	(Optional) Show running configuration for STRIPCL with defaults

### Command Mode

- /exec

# show running-config msdp

show running-config msdp [ all ]

## Syntax Description

show	Show running system information
running-config	Current operationg configuration
msdp	Display msdp information
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

**show running-config nat**

# show running-config nat

show running-config nat [ all ]

## Syntax Description

show	show running-cfg
running-config	show running system information
nat	Display NAT configuration
all	(Optional) show running config with defaults

## Command Mode

- /exec

# show running-config nbm

show running-config nbm

## Syntax Description

show	Show running system information
running-config	Current operating configuration
nbm	Non Blocking Multicast

## Command Mode

- /exec

**show running-config ngoam**

## show running-config ngoam

show running-config ngoam [ all ]

### Syntax Description

show	Show running system information
running-config	Show running system information
ngoam	ngoam configuration
all	(Optional) Show running config with defaults

### Command Mode

- /exec

# show running-config ntp

show running-config ntp [ all ]

## Syntax Description

show	Show information
running-config	Show running system configuration
ntp	Show NTP information
all	(Optional) Show all NTP running configuration

## Command Mode

- /exec

```
show running-config nv overlay
```

## show running-config nv overlay

show running-config nv overlay [ all ]

### Syntax Description

show	Show system information
running-config	System running configuration
nv	NVE running configuration
overlay	NVE running configuration
all	(Optional) Show NVE running configuration defaults

### Command Mode

- /exec

# show running-config nx sdk

show running-config nx sdk [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
nx sdk	NXOS SDK
all	(Optional) Display running config with defaults

## Command Mode

- /exec

**show running-config ofm**

# show running-config ofm

show running-config ofm [ all ]

## Syntax Description

show	Show running system information
running-config	Show running system information
ofm	Display Overlay Flow/Policy Manager information
all	(Optional) Current operating configuration with defaults

## Command Mode

- /exec

# show running-config openconfig

show running-config openconfig [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
openconfig	OpenConfig Model Service App
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

**show running-config ospf**

# show running-config ospf

show running-config ospf [ all ]

## Syntax Description

show	Show running system information
running-config	Current operationg configuration
ospf	Display ospf information
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

# show running-config ospfv3

show running-config ospfv3 [ all ]

## Syntax Description

show	Show running system information
running-config	Current operationg configuration
ospfv3	Display ospfv3 information
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

```
show running-config otv-isis
```

## show running-config otv-isis

show running-config otv-isis [ all ]

### Syntax Description

show	Show running system information
running-config	Current operationg configuration
otv-isis	Display otv-isis information
all	(Optional) Display running config with defaults clis

### Command Mode

- /exec

# show running-config param-list

show running-config param-list [ <plistname> ]

## Syntax Description

show	Show running-cfg
running-config	show running configuration
param-list	Display param-list configuration
<i>plistname</i>	(Optional) Enter the name of the param list

## Command Mode

- /exec

**show running-config pim**

# show running-config pim

show running-config pim [ all ]

## Syntax Description

show	Show running system information
running-config	Current operationg configuration
pim	Display pim information
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

# show running-config pim6

show running-config pim6 [ all ]

## Syntax Description

show	Show running system information
running-config	Current operationg configuration
pim6	Display pim6 information
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

**show running-config poe**

# show running-config poe

show running-config poe [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
poe	Power over Ethernet
all	(Optional) show running config with defaults

## Command Mode

- /exec

# show running-config port-profile

show running-config port-profile [ <all\_profile\_name> ]

## Syntax Description

show	Show running-cfg
running-config	show running configuration
port-profile	Display port-profile configuration
<i>all_profile_name</i>	(Optional) Enter the name of the profile

## Command Mode

- /exec

**show running-config port-security**

# show running-config port-security

show running-config port-security [ all ]

## Syntax Description

show	show running-cfg
running-config	show running system information
port-security	Display port-security configuration
all	(Optional) show running config with defaults

## Command Mode

- /exec

# show running-config ptp

show running-config ptp [ all ]

## Syntax Description

running-config	Current operating configuration
ptp	show running config for ptp
all	(Optional) show running config with defaults

## Command Mode

- /exec

**show running-config radius**

# show running-config radius

show running-config radius [ all ]

## Syntax Description

show	show running-cfg
running-config	show running system information
radius	Display radius configuration
all	(Optional) show running config with defaults

## Command Mode

- /exec

# show running-config rip

show running-config rip [ all ]

## Syntax Description

show	Show running system information
running-config	Current operationg configuration
rip	Display rip information
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

show running-config routing ip multicast

## show running-config routing ip multicast

show running-config routing { ip | ipv4 } multicast [ all ]

### Syntax Description

show	Show running system information
running-config	Current operationg configuration
routing	Display routing information
ip	Display IP information
ipv4	Display IP information
multicast	Display multicast information
all	(Optional) Display running config with defaults clis

### Command Mode

- /exec

# show running-config routing ipv6 multicast

show running-config routing ipv6 multicast [ all ]

## Syntax Description

show	Show running system information
running-config	Current operationg configuration
routing	Display routing information
ipv6	Display IPv6 information
multicast	Display multicast information
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

**show running-config rpm**

# show running-config rpm

show running-config rpm [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
rpm	Display Route Policy Manager (RPM) information
all	(Optional) Display running config with defaults

## Command Mode

- /exec

# show running-config scheduler

show running-config scheduler [ all ]

## Syntax Description

show	show running-cfg
running-config	show running system information
scheduler	Show scheduler config or data
all	(Optional) show running config with defaults

## Command Mode

- /exec

**show running-config section**

# show running-config section

show running-config section &lt;section&gt;

## Syntax Description

show	Show running system information
running-config	Current operating configuration
section	show only a particular section of running-config (in format needed for 'merge config' command)
<i>section</i>	the section to show, a regular expression, (use a dot for a space)

## Command Mode

- /exec

# show running-config security

show running-config security [ all ]

## Syntax Description

show	show running-cfg
running-config	show running system information
security	Display security configuration
all	(Optional) show running config with defaults

## Command Mode

- /exec

```
show running-config segment-routing
```

# show running-config segment-routing

show running-config segment-routing [ all ]

## Syntax Description

show	Show running system information
running-config	Show running configuration
segment-routing	Display segment-routing running configuration
all	(Optional) Show running config with defaults

## Command Mode

- /exec

# show running-config service-reflect

show running-config service-reflect

## Syntax Description

show	Show running system information
running-config	Current operationg configuration
service-reflect	Display NAT feature service-reflect commands

## Command Mode

- /exec

**show running-config services**

# show running-config services

show running-config services

## Syntax Description

show	show running-cfg
running-config	show running system information
services	services

## Command Mode

- /exec

# show running-config services

show running-config services

## Syntax Description

show	show running-cfg
running-config	show running system information
services	services

## Command Mode

- /exec

```
show running-config sflow
```

## show running-config sflow

show running-config sflow [ all ]

### Syntax Description

running-config	Current operating configuration
sflow	show running config for sflow
all	(Optional) show running config with defaults

### Command Mode

- /exec

# show running-config sla responder

show running-config sla responder

## Syntax Description

show	show running-cfg
running-config	show running system information
sla	Service Level Agreement (SLA)
responder	Show information about sla-responder

## Command Mode

- /exec

```
show running-config sla sender
```

# show running-config sla sender

show running-config sla sender

## Syntax Description

show	show running-cfg
running-config	show running system information
sla	Service Level Agreement (SLA)
sender	Show information about sla-sender

## Command Mode

- /exec

# show running-config sla twamp-server

show running-config sla twamp-server

## Syntax Description

show	show running-cfg
running-config	show running system information
sla	Service Level Agreement (SLA)
twamp-server	Show IPSLA IPPM TWAMP server configuration

## Command Mode

- /exec

```
show running-config snmp
```

## show running-config snmp

show running-config snmp [ all ]

### Syntax Description

show	show running-cfg
running-config	show running system information
snmp	Display snmp configuration
all	(Optional) show running config with defaults

### Command Mode

- /exec

# show running-config spanning-tree

show running-config spanning-tree [ <all> | interface <interface\_range> ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
spanning-tree	Show spanning tree information
<i>all</i>	(Optional)
interface	(Optional) Specify an interface as a target for the command
<i>interface_range</i>	(Optional)

## Command Mode

- /exec

```
show running-config srte
```

## show running-config srte

show running-config srte

### Syntax Description

show	Show running system information
running-config	Current operating configuration
srte	SRTE

### Command Mode

- /exec

# show running-config storm-control

show running-config storm-control

## Syntax Description

show	Show running system information
running-config	Current operating configuration
storm-control	show config for storm-control

## Command Mode

- /exec

**show running-config switch**

# show running-config switch

```
show running-config { switch-profile | include-switch-profile }
```

## Syntax Description

show	Show running system information
running-config	Current operating configuration
switch-profile	Show switch-profile information
include-switch-profile	Show running and switch-profile configuration

## Command Mode

- /exec

# show running-config sync

show running-config sync [ all ]

## Syntax Description

running-config	Current operating configuration
sync	show running config for sync
all	(Optional) show running config with defaults

## Command Mode

- /exec

**show running-config tacacs**

show running-config tacacs + [ all ]

**Syntax Description**

show	show running-cfg
running-config	show running system information
all	(Optional) show running config with defaults

**Command Mode**

- /exec

# show running-config telemetry

show running-config telemetry [ all ]

## Syntax Description

show	show running system configuration
running-config	Current operating configuration
telemetry	Display telemetry configuration
all	(Optional) show running config with defaults

## Command Mode

- /exec

**show running-config track**

# show running-config track

show running-config track [ all ]

## Syntax Description

show	Show running system information
running-config	Show the system running information
track	Show track running configuration
all	(Optional) Show track running configuration defaults

## Command Mode

- /exec

# show running-config tunnel-encryption

show running-config tunnel-encryption

## Syntax Description

show	Show running system information
running-config	Current operating configuration
tunnel-encryption	Show information about Tunnel Encryption Manager

## Command Mode

- /exec

**show running-config udld**

## show running-config udld

show running-config udld [ all ]

### Syntax Description

show	Show running system information
running-config	Current operating configuration
udld	Show udld configuration
all	(Optional) show running config with defaults

### Command Mode

- /exec

# show running-config vdc-all

show running-config vdc-all [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
vdc-all	Display config from all VDC
all	(Optional) Display config from all VDC including defaults

## Command Mode

- /exec

**show running-config vdc**

# show running-config vdc

show running-config vdc [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
vdc	Show Virtual Device Contexts
all	(Optional) show running config with defaults

## Command Mode

- /exec

# show running-config virtual-service

show running-config virtual-service

## Syntax Description

show	Show running system information
running-config	Current operating configuration
virtual-service	Show running config for virtualization services

## Command Mode

- /exec

**show running-config vlan****show running-config vlan <vlan-id> [ expand-port-profile ]****Syntax Description**

show	Show running system information
running-config	Current operating configuration
vlan	Vlan commands
<i>vlan-id</i>	VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19
expand-port-profile	(Optional) Expand port profile

**Command Mode**

- /exec

# show running-config vlan

show running-config vlan <vlan-id> [ expand-port-profile ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
vlan	Vlan commands
<i>vlan-id</i>	VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19
expand-port-profile	(Optional) Expand port profile

## Command Mode

- /exec

**show running-config vlan**

# show running-config vlan

show running-config vlan

## Syntax Description

show	Show running system information
running-config	Current operating configuration
vlan	Vlan commands

## Command Mode

- /exec

# show running-config vmtracker

show running-config vmtracker [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
vmtracker	show running config for vmtracker
all	(Optional) show running config with defaults

## Command Mode

- /exec

```
show running-config vpc
```

## show running-config vpc

show running-config vpc [ all ]

### Syntax Description

running-config	Current operating configuration
vpc	show running config for vPC
all	(Optional) show running config with defaults

### Command Mode

- /exec

# show running-config vrf

show running-config vrf <vrf-cfg-name> [ all ]

## Syntax Description

show	Show running system information
running-config	Current operationg configuration
vrf	Display VRF information
<i>vrf-cfg-name</i>	Configurable VRF name
all	(Optional) Display running config with defaults clis

## Command Mode

- /exec

```
show running-config vrf default
```

## show running-config vrf default

show running-config vrf default [ all ]

### Syntax Description

show	Show running system information
running-config	Current operationg configuration
vrf	Display VRF information
default	Known VRF name
all	(Optional) Display running config with defaults clis

### Command Mode

- /exec

# show running-config vrrp

show running-config vrrp [ all ]

## Syntax Description

show	Show running system information
running-config	Current operating configuration
vrrp	Display VRRP running configuration
all	(Optional) show running config with defaults

## Command Mode

- /exec

```
show running-config vrrpv3
```

## show running-config vrrpv3

show running-config vrrpv3 [ all ]

### Syntax Description

show	Show running system information
running-config	Current operating configuration
vrrpv3	Show running config for VRRPv3
all	(Optional) show running config with defaults

### Command Mode

- /exec

# show running-config vshd

show running-config vshd

## Syntax Description

show	Show running system information
running-config	Current operating configuration
vshd	Show running config for vshd

## Command Mode

- /exec

```
show running-config vtp
```

## show running-config vtp

show running-config vtp [ all ]

### Syntax Description

show	Show running system information
running-config	Current operating configuration
vtp	Show running configuration for VTP
all	(Optional) Show running configuration for VTP with defaults

### Command Mode

- /exec

# show running-config wnnm

show running-config wnnm

## Syntax Description

show	Show running system information
running-config	Current running configuration
wnnm	Display WWN Manager running configuration

## Command Mode

- /exec

**show running-config zone**

# show running-config zone

show running-config zone

## Syntax Description

show	Show running system information
running-config	Current operating configuration
zone	Display zone server running configuration

## Command Mode

- /exec

# show running-config zone vsan

show running-config zone vsan <vsan-id>

## Syntax Description

show	Show running system information
running-config	Current operating configuration
zone	Display zone server running configuration per vsan
vsan	Vsan commands
<i>vsan-id</i>	Vsan id

## Command Mode

- /exec

show running-config zone vsan