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show radius-cfs

show radius-cfs [__readonly__ [<distr_status>] [<session_status>] [<session_db>] [<merge_status>]]

Syntax Description

show	Show running system information
radius-cfs	Show radius cfs state
__readonly__	(Optional)
distr_status	(Optional) radius distribution status
session_status	(Optional) current session status
session_db	(Optional) status of session db
merge_status	(Optional) radius merge status

Command Mode

- /exec

show radius-server

show radius-server [__readonly__ [<global_secretKey>] { <global_timeout> <retransmissionCount> <global_deadtime> } [<global_secure_mode>] [<global_source_intf>] [<global_idle_time>] { [<global_testUsername>] [<global_testPassword>] } { <server_count> } [TABLE_server <server_ip> [<auth_port>] [<acct_port>] [<secretKey>] [<timeout>] [<retries>] [<tls_idle_timeout>] [<tls_client_tp>]] [{ <host0> <auth_port> <acct_port> <shared_key> <idle_time><test_username> <test_password> } +]]

Syntax Description

show	Show running system information
radius-server	Show RADIUS configuration information
__readonly__	(Optional)
global_secretKey	(Optional) Global shared secret
global_timeout	(Optional) Global timeout for radius
retransmissionCount	(Optional) Retransmittion count when there is no server response
global_deadtime	(Optional) Global deadtime
global_secure_mode	(Optional) Global secure Radius mode
global_source_intf	(Optional) Radius global source interface
global_idle_time	(Optional) Radius global idle-time for server monitoring
global_testUsername	(Optional) Username of global test parameters
global_testPassword	(Optional) Password of global test parameters
server_count	(Optional) Total number of radius servers configured
TABLE_server	(Optional)
server_ip	(Optional) Ip address of the server
auth_port	(Optional) Authentication port used for this server
acct_port	(Optional) Accounting Port used for this server
secretKey	(Optional) Shared secret between the server and the radius client
timeout	(Optional) Timeout for this radius server
retries	(Optional) Retry count for individual servers
tls_idle_timeout	(Optional) Secure Radius TLS idle timeout
tls_client_tp	(Optional) Secure Radius TLS client trustpoint

host0	(Optional) DNS name or IP address
auth_port	(Optional) RADIUS server's port for authentication
acct_port	(Optional) RADIUS server's port for accounting
shared_key	(Optional) RADIUS shared secret
test_password	(Optional) User password in test packets

Command Mode

- /exec

show radius-server

show radius-server { <host> } [__readonly__ { <host1> } [<authen_port>] [<account_port>] [<share_key>] [<timeout>] [<retries>] [<tls_idle_timeout> [<tls_client_tp>]] [<secure_radius>] [<aid>] <idle_tim> <test_user_name> <test_pwd>]

Syntax Description

show	Show running system information
radius-server	Show RADIUS configuration information
host	DNS name or IP address
__readonly__	(Optional)
host1	(Optional) DNS name or IP address
authen_port	(Optional) RADIUS server's port for authentication
account_port	(Optional) RADIUS server's port for accounting
timeout	(Optional) radius server timeout
retries	(Optional) radius server retry count
tls_idle_timeout	(Optional) Secure Radius TLS idle timeout
tls_client_tp	(Optional) Secure Radius TLS client trustpoint
secure_radius	(Optional) secure radius enabled or not
aid	(Optional) Authority identity
share_key	(Optional) RADIUS shared secret
test_user_name	(Optional) User name in test packets
test_pwd	(Optional) User password in test packets
idle_tim	(Optional) Time interval for monitoring the server

Command Mode

- /exec

show radius-server directed-request

show radius-server directed-request [__readonly__ { <radius_directedRequest_status> }]

Syntax Description

show	Show running system information
radius-server	Show RADIUS configuration information
directed-request	Show directed server enable configuration
__readonly__	(Optional)
radius_directedRequest_status	(Optional) status of radius-server directed request

Command Mode

- /exec

show radius-server groups

show radius-server groups [<s0>] [__readonly__ [<num_of_groups>] TABLE_group <group_name> [TABLE_server <server_ip> [<auth_port>] [<acct_port>]] [<dead_time>] [<vrf_name>] [<source_interface>]]

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
__readonly__	(Optional)
num_of_groups	(Optional) number of groups
TABLE_group	(Optional)
group_name	(Optional) name of the group
TABLE_server	(Optional)
server_ip	(Optional) DNS name or IP address
auth_port	(Optional) radius server authentication port
acct_port	(Optional) radius server accounting port
dead_time	(Optional) Time interval for which the server is marked as dead before sendinga test command
vrf_name	(Optional) name of the vrf
source_interface	(Optional) Interface Description

Command Mode

- /exec

show radius-server sorted

show radius-server sorted [__readonly__ [<global_secretKey>] { <global_timeout> <retransmissionCount> <global_deadtime> } [<global_secure_mode>] [<global_source_intf>] [<global_idle_time>] { [<global_testUsername>] [<global_testPassword>] } { <server_count> } [TABLE_server <server_ip> [<auth_port>] [<acct_port>] [<secretKey>] [<timeout>] [<retries>] [<tls_idle_timeout>] [<tls_client_tp>]]]

Syntax Description

show	Show running system information
radius-server	Show RADIUS configuration information
sorted	Show RADIUS servers sorted by name
__readonly__	(Optional)
global_secretKey	(Optional) Global shared secret
global_timeout	(Optional) Global timeout for radius
retransmissionCount	(Optional) Retransmittion count when there is no server response
global_deadtime	(Optional) Global deadtime
global_secure_mode	(Optional) Global secure Radius mode
global_source_intf	(Optional) Radius global source interface
global_idle_time	(Optional) Radius global idle-time for server monitoring
global_testUsername	(Optional) Username of global test parameters
global_testPassword	(Optional) Password of global test parameters
server_count	(Optional) Total number of radius servers configured
TABLE_server	(Optional)
server_ip	(Optional) Ip address of the server
auth_port	(Optional) Authentication port used for this server
acct_port	(Optional) Accounting Port used for this server
secretKey	(Optional) Shared secret between the server and the radius client
timeout	(Optional) Timeout for this radius server
retries	(Optional) Retry count for individual servers
tls_idle_timeout	(Optional) Secure Radius TLS idle timeout
tls_client_tp	(Optional) Secure Radius TLS client trustpoint

Command Mode

- /exec

show radius-server statistics

show radius-server statistics <host0> [__readonly__ { <server_state> [<clock_time> { monitoring_statistics <time_in_pstate> <ndead> <tt_in_dstate> }] } { { auth_statistics <auth_failed_transactions> <auth_succ_transactions> <auth_req_sent> <auth_req_timedout> <auth_resp_no_match> <auth_resp_not_processed> <auth_resp_error> } { acct_statistics <acct_failed_transactions> <acct_succ_transactions> <acct_req_sent> <acct_req_timedout> <acct_resp_no_match> <acct_resp_not_processed> <acct_resp_error> } }]

Syntax Description

show	Show running system information
radius-server	Show RADIUS configuration information
statistics	Show RADIUS statistics
host0	DNS name or IP address
__readonly__	(Optional)
server_state	(Optional) Show state of server
clock_time	(Optional) Show clock time in terms of hours, minutes and seconds
monitoring_statistics	(Optional) Monitoring Statistics
time_in_pstate	(Optional) Time in previous state
ndead	(Optional) Number of times dead
tt_in_dstate	(Optional) Total time in dead state
auth_statistics	(Optional) Authentication Statistics
acct_statistics	(Optional) Accounting Statistics
auth_failed_transactions	(Optional) Authentication: Failed transactions
auth_succ_transactions	(Optional) Authentication: Successful transactions
auth_req_sent	(Optional) Authentication: Requests sent
auth_req_timedout	(Optional) Authentication: Requests timedout
auth_resp_no_match	(Optional) Authentication: Responses with no matching requests
auth_resp_not_processed	(Optional) Authentication: Responses not processed
auth_resp_error	(Optional) Authentication: Responses containing errors
acct_failed_transactions	(Optional) Accounting: Failed transactions
acct_succ_transactions	(Optional) Accounting: Successful transactions

acct_req_sent	(Optional) Accounting: Requests sent
acct_req_timedout	(Optional) Accounting: Requests timedout
acct_resp_no_match	(Optional) Accounting: Responses with no matching requests
acct_resp_not_processed	(Optional) Accounting: Responses not processed
acct_resp_error	(Optional) Accounting: Responses containing errors

Command Mode

- /exec

show radius status

show radius status [__readonly__ [<distr_status>] [<session_status>] [<session_owner>] [<session_db>] [<last_operation>] [<last_operation_status>] [<fail_code>]]

Syntax Description

show	Show running system information
radius	Show RADIUS Information
status	Show RADIUS cfs distribution status
__readonly__	(Optional)
distr_status	(Optional) radius distribution status
session_status	(Optional) current session status
session_owner	(Optional) owner of the current distribution session
session_db	(Optional) status of session db
last_operation	(Optional) last_operation
last_operation_status	(Optional) status of the last operation
fail_code	(Optional) reason for the failure of last operation

Command Mode

- /exec

show redundancy status

show redundancy status [__readonly__ <rmode_admin> <rmode_opr> <this_sup> <this_sup_rd_st> <this_sup_sup_st> <this_sup_int_st> <oth_sup> <oth_sup_rd_st> <oth_sup_sup_st> <oth_sup_int_st> <sys_strt_time> <sys_uptm_days> <sys_uptm_hrs> <sys_uptm_mins> <sys_uptm_secs> <kern_uptm_days> <kern_uptm_hrs> <kern_uptm_mins> <kern_uptm_secs> <asup_uptm_days> <asup_uptm_hrs> <asup_uptm_mins> <asup_uptm_secs>]

Syntax Description

show	
redundancy	Show system redundancy status
status	Current redundancy status
__readonly__	(Optional)
rmode_admin	(Optional)
rmode_opr	(Optional)
this_sup	(Optional)
this_sup_rd_st	(Optional)
this_sup_sup_st	(Optional)
this_sup_int_st	(Optional)
oth_sup	(Optional)
oth_sup_rd_st	(Optional)
oth_sup_sup_st	(Optional)
oth_sup_int_st	(Optional)
sys_strt_time	(Optional)
sys_uptm_days	(Optional)
sys_uptm_hrs	(Optional)
sys_uptm_mins	(Optional)
sys_uptm_secs	(Optional)
kern_uptm_days	(Optional)
kern_uptm_hrs	(Optional)
kern_uptm_mins	(Optional)
kern_uptm_secs	(Optional)

asup_uptm_days	(Optional)
asup_uptm_hrs	(Optional)
asup_uptm_mins	(Optional)
asup_uptm_secs	(Optional)

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
vrf-name	(Optional) VRF name
vrf-known-name	(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
regexp-str	Regular expression to match the AS paths

Command Mode

- /exec

show reload

show reload [__readonly__ <reload-schedule>]

Syntax Description

show	Show running system information
reload	Display information about scheduled reload
__readonly__	(Optional)
reload-schedule	(Optional) Reload scheduling info

Command Mode

- /exec

show resource

show resource [<res-mgr-res-known-name>] [hidden-too | with-flags] [__readonly__ { TABLE_vdc_resource_local <res_name> <min> <max> <used> <unused> <free> }]

Syntax Description

show	Show running system information
resource	Show resource configuration for VDC
res-mgr-res-known-name	(Optional) Resource name
hidden-too	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
with-flags	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
__readonly__	(Optional) Read Only
TABLE_vdc_resource_local	(Optional)
res_name	(Optional) Resource Name
min	(Optional) Resource min configuration
max	(Optional) Resource max configuration
used	(Optional) Resource current usage for this VDC
unused	(Optional) Resource reserved for this VDC but currently not used
free	(Optional) Resource current free for this VDC

Command Mode

- /exec

show rmon

show rmon { alarms | events | hcalarms | info | logs } [__readonly__ [TABLE_rmon_alarm { <alaram-str> <ascii-buf-str> <samp-type-str> <ris-trshod-str> <fall-trshod-str> <start-enable-str> }] [TABLE_rmon_event { <ev-alaram-str> <ev-desc-str> <ev-fir-cause> <last-fired> }] [TABLE_rmon_hcala { <hc-alaram-str> <hc-ascii-buf-str> <hc-sam-ty-str> <hc-ris-thresh-str> <hc-fal-thresh-str> <start-alrm-str> <fail-attem-str> }] [TABLE_rmon_info { <max-32-64-ala-str> <max-conf-32-ala-str> <max-conf-64-ala-str> }] [TABLE_rmon_log { <event-id-str> <rmon-pch> [<log-buff-str>] <log-oid> }]]

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
__readonly__	(Optional)
TABLE_rmon_alarm	(Optional)
alaram-str	(Optional)
ascii-buf-str	(Optional)
samp-type-str	(Optional)
ris-trshod-str	(Optional)
fall-trshod-str	(Optional)
start-enable-str	(Optional)
TABLE_rmon_event	(Optional)
ev-alaram-str	(Optional)
ev-desc-str	(Optional)
ev-fir-cause	(Optional)
last-fired	(Optional)
TABLE_rmon_hcala	(Optional)
hc-alaram-str	(Optional)

hc-ascii-buf-str	(Optional)
hc-sam-ty-str	(Optional)
hc-ris-thresh-str	(Optional)
hc-fal-thresh-str	(Optional)
start-alrm-str	(Optional)
fail-attem-str	(Optional)
TABLE_rmon_info	(Optional)
max-32-64-ala-str	(Optional)
max-conf-32-ala-str	(Optional)
max-conf-64-ala-str	(Optional)
TABLE_rmon_log	(Optional)
event-id-str	(Optional)
rmon-pch	(Optional)
log-buff-str	(Optional)
log-oid	(Optional)

Command Mode

- /exec

show role

show role [name <arg3>] [__readonly__ { TABLE_role <role_name> <role_description> [<attribute_scope>] [<permit_vsan>] [<permit_vlan>] [<permit_vlan_id>] [<permit_interface>] [<permit_interface_slot>] [<permit_vrf>] [TABLE_vrf<permit_vrf_name>] [{ TABLE_rule <rule_num> <rule_action> { <rule_permission> | <rule_permission_mds> } [<rule_featuretype>] [<rule_entity>] }] }]

Syntax Description

show	Show running system information
role	Show role configuration
name	(Optional) Enter the role name
arg3	(Optional) Enter the role name
__readonly__	(Optional)
TABLE_role	(Optional)
role_name	(Optional)
role_description	(Optional)
attribute_scope	(Optional)
permit_vsan	(Optional)
permit_vlan	(Optional)
permit_vlan_id	(Optional)
permit_interface	(Optional)
permit_interface_slot	(Optional)
permit_vrf	(Optional)
TABLE_rule	(Optional)
rule_num	(Optional)
rule_action	(Optional)
rule_permission	(Optional)
rule_permission_mds	(Optional)
rule_featuretype	(Optional)
rule_entity	(Optional)

Command Mode

- /exec

show role feature-group

show role feature-group [name <arg4>] [detail] [__readonly__ TABLE_role_feature_group <feature_group_name> TABLE_role_feature <feature_name> [TABLE_role_feature_rule <feature_rule>]]

Syntax Description

show	Show running system information
role	Show role configuration
feature-group	Role feature group
name	(Optional) Enter the feature-group name
arg4	(Optional) Feature-group name
detail	(Optional) Detailed information including feature rules
__readonly__	(Optional)
TABLE_role_feature_group	(Optional)
feature_group_name	(Optional)
TABLE_role_feature	(Optional)
feature_name	(Optional)
TABLE_role_feature_rule	(Optional)
feature_rule	(Optional)

Command Mode

- /exec

show role feature

show role feature [name <arg5> | detail] [__readonly__ TABLE_role_feature <feature_name> [TABLE_role_feature_rule <feature_rule>]]

Syntax Description

show	Show running system information
role	Show role configuration
feature	Role feature
name	(Optional) Enter the feature name
arg5	(Optional) Feature name
detail	(Optional) Detailed information including feature rules
__readonly__	(Optional)
TABLE_role_feature	(Optional)
feature_name	(Optional)
TABLE_role_feature_rule	(Optional)
feature_rule	(Optional)

Command Mode

- /exec

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 } [__readonly__ [<log_entry> +]]

Syntax Description

show	Show running system information
rollback	Show rollback
log	show rollback log
exec	show rollback execution log
verify	show rollback verify log
__readonly__	(Optional) Read only
log_entry	(Optional) log entry from rollback log

Command Mode

- /exec

show rollback status

show rollback status [__readonly__ <last_operation> [<rollback_type>] [<name>] [<start_time>] [<end_time>] [<operation_status>]]

Syntax Description

show	Show running system information
rollback	show rollback
status	show status of last rollback operation
__readonly__	(Optional) Read only
last_operation	(Optional) last operation
rollback_type	(Optional) rollback type
name	(Optional) name
start_time	(Optional) start time
end_time	(Optional) end time
operation_status	(Optional) operation status

Command Mode

- /exec

show route-map

show route-map [<route-map-name> | <route-map-cfg-name>] [__readonly__ TABLE_rmap <name> <action> <seq> [<descript>] [<continue>] [{ TABLE_rmap_match <match_type> <match_stmt> }] [{ TABLE_rmap_set <set_type> <set_stmt> }]]

Syntax Description

show	Show running system information
route-map	Route-map information
route-map-name	(Optional) Route-map name
route-map-cfg-name	(Optional) Known route-map name
__readonly__	(Optional)
TABLE_rmap	(Optional)
TABLE_rmap_match	(Optional)
TABLE_rmap_set	(Optional)
name	(Optional)
action	(Optional)
seq	(Optional)
descript	(Optional)
continue	(Optional)
match_type	(Optional)
match_stmt	(Optional)
set_type	(Optional)
set_stmt	(Optional)

Command Mode

- /exec

show route-map brief

show route-map [<route-map-name> | <route-map-cfg-name>] brief [__readonly__ TABLE_feature_rmap <validate_applied> TABLE_rmap <name> [{ TABLE_rmap_client <client_name> }]]

Syntax Description

show	Show running system information
route-map	Route-map information
brief	Show client list that uses this route-map
route-map-name	(Optional) Route-map name
route-map-cfg-name	(Optional) Known route-map name
__readonly__	(Optional)
TABLE_feature_rmap	(Optional)
TABLE_rmap	(Optional)
TABLE_rmap_client	(Optional)
validate_applied	(Optional)
name	(Optional)
client_name	(Optional)

Command Mode

- /exec

show route-map dynamic

show route-map dynamic [<route-map-name> | <route-map-cfg-name>] [__readonly__ TABLE_rmap <name> <action> <seq> [<descript>] [<continue>] [{ TABLE_rmap_match <match_type> <match_stmt> }] [{ TABLE_rmap_set <set_type> <set_stmt> }]]

Syntax Description

show	Show running system information
route-map	Route-map information
dynamic	Dynamically created route-map
route-map-name	(Optional) Route-map name
route-map-cfg-name	(Optional) Known route-map name
__readonly__	(Optional)
TABLE_rmap	(Optional)
TABLE_rmap_match	(Optional)
TABLE_rmap_set	(Optional)
name	(Optional)
action	(Optional)
seq	(Optional)
descript	(Optional)
continue	(Optional)
match_type	(Optional)
match_stmt	(Optional)
set_type	(Optional)
set_stmt	(Optional)

Command Mode

- /exec

show route-map pbr-statistics

show route-map { <pbr_rmap_name> | <pbr_rmap_cfg_name> } pbr-statistics [__readonly__ TABLE_rmap { TABLE_pbr <tag> <action> <seq> <pbr_pkt_count> } <dflt_rtg_pkt_count>]

Syntax Description

show	Show running system information
route-map	Route-map information
pbr_rmap_name	Route-map name
pbr_rmap_cfg_name	Known route-map name
pbr-statistics	PBR statistics
__readonly__	(Optional)
TABLE_rmap	(Optional)
TABLE_pbr	(Optional)
tag	(Optional)
action	(Optional)
seq	(Optional)
pbr_pkt_count	(Optional)
dflt_rtg_pkt_count	(Optional)

Command Mode

- /exec

show router-guard

show router-guard [vlan <vlan_id>] [__readonly__ [TABLE_vlanid { <vlanid> <globally-enabled-switch-port> } [TABLE_if [<disabled-if>]]]]

Syntax Description

show	Show running system information
router-guard	Shows router guard config details for all interfaces
vlan	(Optional) Only for the specified VLAN
vlan_id	(Optional) VLAN ID
__readonly__	(Optional)
TABLE_vlanid	(Optional)
vlanid	(Optional)
globally-enabled-switch-port	(Optional)
TABLE_if	(Optional)
disabled-if	(Optional)

Command Mode

- /exec

show router-guard

show router-guard [vlan <vlan_id>] [__readonly__ [TABLE_vlanid { <vlanid> <globally-enabled-switch-port> } [TABLE_if [<disabled-if>]]]]

Syntax Description

show	Show running system information
router-guard	Shows router guard config details for all interfaces
vlan	(Optional) Only for the specified VLAN
vlan_id	(Optional) VLAN ID
__readonly__	(Optional)
TABLE_vlanid	(Optional)
vlanid	(Optional)
globally-enabled-switch-port	(Optional)
TABLE_if	(Optional)
disabled-if	(Optional)

Command Mode

- /exec

show routing-context

show routing-context [__readonly__ <routing-con>]

Syntax Description

show	Show running system information
routing-context	Display the current routing context
__readonly__	(Optional)
routing-con	(Optional)

Command Mode

- /exec

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 | summary-counter-consistency-check] [vrf { <vrf-name> | <vrf-known-name> | <vrf-all> }] [__readonly__ TABLE_vrf <vrf-name-out> TABLE_addrf <addrf> [TABLE_prefix <ipprefix> <ucast-nhops> <mcast-nhops> <attached> TABLE_path [<ipnexthop>] [<ipv6nexthop>] [<nexthop-vrf-name>] [<ifname>] [<bindlbl>] <uptime> <pref> <metric> <clientname> [<linkbw>] [<type>] [<tag>] [<stale>] [<unres>] [<hidden>] [<stale-label>] [<bgpbackuppath>] [<type2>] [<remote-sid>] [<src-ip>] [<sid-fct>] [<bsid>] [<ubest>] [<mbest>]] [TABLE_summary <routes> <paths> [<multicast_paths>] [TABLE_unicast [<clientnameuni>] [<best-paths>] [<backup-paths>]] [TABLE_multicast [<clientnamemulti>] [<best-paths>] [<backup-paths>]] [TABLE_route_count [<mask_len>] [<count>]]]]

Syntax Description

show	Show running system information
routing	Display routing information
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(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
topology-name	(Optional) topology name
l3vm-info	(Optional) Display corresponding L3VM information
rpf	(Optional) Display RPF information for multicast source
ip-addr	(Optional) Display single route longest match lookup
ip-prefix	(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
protocol	(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
bind-lbl	(Optional) Binding label
next-hop	(Optional) Display routes with this next-hop only
next-hop	(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
interface	(Optional) Interface Name
updated	(Optional) Display routes filtered by last updated time
since	(Optional) Display those routes updated since this time
stime	(Optional) Since this date/time [[CC]YY-][MM-DD-]HH:MM[:SS]
until	(Optional) Display those routes updated until this time
utime	(Optional) Until this date/time [[CC]YY-][MM-DD-]HH:MM[:SS]
summary	(Optional) Display route counts
detail	(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
__readonly__	(Optional)
TABLE_vrf	(Optional)
vrf-name-out	(Optional)
TABLE_addrf	(Optional)
addrf	(Optional)
TABLE_prefix	(Optional)
ipprefix	(Optional)
ucast-nhops	(Optional)
mcast-nhops	(Optional)
attached	(Optional)
TABLE_path	(Optional)
ipnexthop	(Optional)
nexthop-vrf-name	(Optional)

ifname	(Optional)
bindlbl	(Optional)
uptime	(Optional)
pref	(Optional)
metric	(Optional)
clientname	(Optional)
linkbw	(Optional)
type	(Optional)
tag	(Optional)
stale	(Optional)
unres	(Optional)
hidden	(Optional)
stale-label	(Optional)
bgpbackuppath	(Optional)
type2	(Optional)
remote-sid	(Optional)
sid-fct	(Optional)
ubest	(Optional)
mbest	(Optional)
TABLE_summary	(Optional)
routes	(Optional)
paths	(Optional)
multicast_paths	(Optional)
TABLE_unicast	(Optional)
clientnameuni	(Optional)
best-paths	(Optional)
backup-paths	(Optional)
TABLE_multicast	(Optional)
clientnamemulti	(Optional)

best-paths	(Optional)
backup-paths	(Optional)
TABLE_route_count	(Optional)
mask_len	(Optional)
count	(Optional)

Command Mode

- /exec

show routing clients

show routing [vrf { <vrf-name> | <vrf-known-name> | <vrf-all> }] [ip | ipv4] [unicast] [topology <topology-name>] clients [<client> | <protocol>] [__readonly__ { TABLE_client <client_name> [<stale_reason>] <pib_index> <epid> [<mts_sap>] [<mts_sap_str>] <mru_cache_hits> <mru_cache_misses> <pib_stale_time> <pss_created> [<bad_l3vm_table_refcount>] [<pib_stale_timer>] [{ TABLE_nib_node <uribtibtype_contextname> [<all_igp>] [<self>] [<all>] [<unib_notify_mask>] <routes> <rnhs> <labels> [<convg_req_mask>] [<convg_send_mask>] [<utib_state>] [<pending_timer>] [<urib_state_invalid>] }] [{ TABLE_msgs_rcvd <urib_mtype_str> <upib_rcvd> }] [{ TABLE_msgs_sent <urib_mtype_str> <upib_sent> }] }]

Syntax Description

show	Show running system information
routing	Display routing information
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
vrf-all	(Optional) Display information for all VRFs
topology	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
topology-name	(Optional) topology name
ip	(Optional) Display IP information
ipv4	(Optional) Display IP information
unicast	(Optional) Display unicast information
clients	Display urib client information
client	(Optional) Display single urib client information
protocol	(Optional) Display single urib client information
__readonly__	(Optional)
TABLE_client	(Optional)
client_name	(Optional)
stale_reason	(Optional)
pib_index	(Optional)
epid	(Optional)
mts_sap	(Optional)

mts_sap_str	(Optional)
mru_cache_hits	(Optional)
mru_cache_misses	(Optional)
pib_stale_time	(Optional)
pss_created	(Optional)
bad_l3vm_table_refcount	(Optional)
pib_stale_timer	(Optional)
TABLE_nib_node	(Optional)
uribtibtype_contextname	(Optional)
all_igp	(Optional)
self	(Optional)
all	(Optional)
unib_notify_mask	(Optional)
routes	(Optional)
rnhs	(Optional)
labels	(Optional)
convg_req_mask	(Optional)
convg_send_mask	(Optional)
utib_state	(Optional)
pending_timer	(Optional)
urib_state_invalid	(Optional)
TABLE_msgs_rcvd	(Optional)
urib_mtype_str	(Optional)
upib_rcvd	(Optional)
TABLE_msgs_sent	(Optional)
urib_mtype_str	(Optional)
upib_sent	(Optional)

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

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

Note The vrf <vrf-all> option may be specified either before other command options or at the end of the command but not both. The vrf <vrf-all> option can appear only once in the command.

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 [__readonly__ <uribtibtype_contextname> [<utibtibtype_topologyname>] { TABLE_hidden_nh <hidden_nh_uhn_prefix> <hidden_nh_uhn_mask_len> <pib> <rnh> <rnh_mask_len> }]

Syntax Description

show	Show running system information
routing	Display routing information
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(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	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
topology-name	(Optional) topology name
hidden-nh	Display hidden next-hop information
__readonly__	(Optional)
uribtibtype_contextname	(Optional)
utibtibtype_topologyname	(Optional)
TABLE_hidden_nh	(Optional)
hidden_nh_uhn_prefix	(Optional)
hidden_nh_uhn_mask_len	(Optional)
pib	(Optional)
rnh	(Optional)
rnh_mask_len	(Optional)

Command Mode

- /exec

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> }] [__readonly__ TABLE_vrf <vrf-name-out> TABLE_addrf <addrf> [TABLE_prefix <ipprefix> <ucast-nhops> <mcast-nhops> [<attached>] TABLE_path [<ubest>] [<mbest>] [<ipnexthop>] [<nexthop-vrf-name>] [<ifname>] [<bindlbl>] [<srv6-funct>] <uptime> <pref> <metric> <clientname> [<linkbw>] [<type>] [<tag>] [<stale>] [<stalelbl>] [<hidden>] [<remote-sid>] [<src-ip>] [<sid-fct>] [<bsid>]] [TABLE_summary <routes> <paths> [<multicast_paths>] [TABLE_unicast [<clientnameuni>] [<best-paths>] [<backup-paths>]] [TABLE_multicast [<clientnamemulti>] [<best-paths>] [<backup-paths>]] [TABLE_route_count [<mask_len>] [<count>]]]]

Syntax Description

show	Show running system information
routing	Display routing information
ipv6	Display IPv6 information
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
vrf-all	(Optional) Display information for all VRFs
unicast	(Optional) Display unicast information
topology	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
topology-name	(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
ipv6-protocol	(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
bind-lbl	(Optional) Binding label
srv6-funct	(Optional) Srv6 function

next-hop	(Optional) Display routes with this next-hop only
interface	(Optional) Display routes with this output interface only
interface	(Optional) Interface Name
updated	(Optional) Display routes filtered by last updated time
since	(Optional) Display those routes updated since this time
stime	(Optional) Since this date/time [[CC]YY-][MM-DD-]HH:MM[:SS]
until	(Optional) Display those routes updated until this time
utime	(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
__readonly__	(Optional)
TABLE_vrf	(Optional)
vrf-name-out	(Optional)
TABLE_addrf	(Optional)
addrf	(Optional)
TABLE_prefix	(Optional)
ucast-nhops	(Optional)
mcast-nhops	(Optional)
attached	(Optional)
TABLE_path	(Optional)
ubest	(Optional)
mbest	(Optional)
nexthop-vrf-name	(Optional)
ifname	(Optional)
bindlbl	(Optional)
pref	(Optional)

tag	(Optional)
metric	(Optional)
uptime	(Optional)
clientname	(Optional)
linkbw	(Optional)
type	(Optional)
stale	(Optional)
stalelbl	(Optional)
hidden	(Optional)
remote-sid	(Optional)
sid-fct	(Optional)
TABLE_summary	(Optional)
routes	(Optional)
paths	(Optional)
multicast_paths	(Optional)
TABLE_unicast	(Optional)
clientnameuni	(Optional)
best-paths	(Optional)
backup-paths	(Optional)
TABLE_multicast	(Optional)
clientnamemulti	(Optional)
best-paths	(Optional)
backup-paths	(Optional)
TABLE_route_count	(Optional)
mask_len	(Optional)
count	(Optional)

Command Mode

- /exec

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
vrf-name	(Optional) VRF name
vrf-known-name	(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
topology-name	(Optional) topology name
clients	Display u6rib client information
client	(Optional) Display single u6rib client information
ipv6-protocol	(Optional) Display single u6rib client information

Note The vrf <vrf-all> option may be specified either before other command options or at the end of the command but not both. The vrf <vrf-all> option can appear only once in the command.

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
vrf-name	(Optional) VRF name
vrf-known-name	(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
topology-name	(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
ip-proto	(Optional) IP Protocol information for the packet
ipv6-flowlabel	(Optional) Flow label in the IPV6 packet
ipv6-flowlabel	(Optional) Flow label in the IPV6 packet
src-port	(Optional) Source-port
dest-port	(Optional) Destination-port
ttl	(Optional) TTL value for the packet
ttl	(Optional) TTL value for the packet
udf	(Optional) UDF information for the packet
value	(Optional) UDF value for the packet

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

Note The vrf <vrf-all> option may be specified either before other command options or at the end of the command but not both. The vrf <vrf-all> option can appear only once in the command.

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 [__readonly__ <uribtibtype_contextname> { TABLE_hidden_nh <nh> <nh-iod> <hidden_nh_uhn_prefix> <hidden_nh_uhn_mask_len> <pib> <rnh> <rnh_mask_len> }]

Syntax Description

show	Show running system information
routing	Display routing information
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(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
topology-name	(Optional) topology name
hidden-nh	Display hidden next-hop information
__readonly__	(Optional)
uribtibtype_contextname	(Optional)
TABLE_hidden_nh	(Optional)
nh	(Optional)
nh-iod	(Optional)
hidden_nh_uhn_prefix	(Optional)
hidden_nh_uhn_mask_len	(Optional)
pib	(Optional)
rnh	(Optional)
rnh_mask_len	(Optional)

Command Mode

- /exec

show routing ipv6 memory estimate

show routing ipv6 [unicast] memory estimate [routes <route-count> next-hops <nh-count>] [labels] [__readonly__ <curr-max-MB> <curr-max-routes> <curr-max-nh> <inuse-MB> <inuse-routes> <inuse-nh> <conf-max-MB> <conf-max-routes> <conf-max-nh> [<est-MB> <est-routes> <est-nh>]]

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
route-count	(Optional) Number of routes
next-hops	(Optional) Display u6rib memory estimate for # next-hops per route
nh-count	(Optional) Number of next-hops per route
labels	(Optional) When the routes are associated with next hop labels
__readonly__	(Optional)
curr-max-MB	(Optional)
curr-max-routes	(Optional)
curr-max-nh	(Optional)
inuse-MB	(Optional)
inuse-routes	(Optional)
inuse-nh	(Optional)
conf-max-MB	(Optional)
conf-max-routes	(Optional)
conf-max-nh	(Optional)
est-MB	(Optional)
est-routes	(Optional)
est-nh	(Optional)

Command Mode

- /exec

show routing ipv6 memory statistics

show routing ipv6 [unicast] memory statistics [__readonly__ { TABLE_shrd_mem <rbuf-alloc> <rbuf-high-water> <rbuf-max> <rbuf-numalloc> <slbs-alloc> <slbs-high-water> <slbs-max> <slbs-numalloc> } { TABLE_u6rib_slabs <slab-name> <alloc-count> <max-allocs> <slab-size> } { TABLE_u6rib_blks <slab-blk-name> <block-count> <max-blocks> <slab-count> } { TABLE_u6rib_routes_rnhs <ctx-name> <user-nodes> <total-nodes> <elem-size> }]

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
__readonly__	(Optional)
TABLE_shrd_mem	(Optional)
TABLE_u6rib_slabs	(Optional)
TABLE_u6rib_blks	(Optional)
TABLE_u6rib_routes_rnhs	(Optional)
ctx-name	(Optional)
slab-name	(Optional)
slab-blk-name	(Optional)
rbuf-alloc	(Optional)
rbuf-high-water	(Optional)
rbuf-max	(Optional)
rbuf-numalloc	(Optional)
slbs-alloc	(Optional)
slbs-high-water	(Optional)
slbs-max	(Optional)
slbs-numalloc	(Optional)
user-nodes	(Optional)

total-nodes	(Optional)
elem-size	(Optional)
alloc-count	(Optional)
max-allocs	(Optional)
slab-size	(Optional)
block-count	(Optional)
max-blocks	(Optional)
slab-count	(Optional)

Command Mode

- /exec

show routing ipv6 multicast clients

show routing ipv6 multicast clients [<client-name>] [detail] [__readonly__ { TABLE_mpib <mpib_name> <mpib_index> <mpib_pid> <mpib_mts_sap> <mpib_shm> <stale_timer> <join_notify> <prune_notify> <rpf_notify> <delete_notify> <repopulate_notify> <zero-oif-notify> <non-zero-oif-notify> <attach-notify> <non-attach-notify> <static-notify> <non-static-notify> <internal-notify> <non-internal-notify><external-notify><non-external-notify> <otv-decap-notify> <no-otv-decap-notify><vxlan-decap-notify> <no-vxlan-decap-notify> <mdt-encap-notify><no-mdt-encap-notify> <mdt-decap-notify> <no-mdt-decap-notify><vpc-svi-notify> <eor-notify> <notification_pending> [<ssm_owner> <bidir_owner> <static_owner> <shared_only_owner> <locally_joined_owner> <external_owner> <mdt_owner> <fabric_owner> <sticky_iif_owner> <data_created_owner> <internal_owner> <prune_owner> <attached_owner> <otv_decap_owner> <vxlan_decap_owner> <secondary_owner> <encap_index_owner> <force_punt_owner> <multi_route_owner> <register_stop_owner>] <notify_sent> <notify_fail> <notify_ack_rcvd> <add_route_req_rcvd> <add_route_ack_sent> <add_route_ack_fail> <delete_route_req_rcvd> <delete_route_ack_sent> <delete_route_ack_fail> <update_route_req_rcvd> <update_route_ack_sent> <update_route_ack_fail> <update_mdt_info_req_rcvd> <update_mdt_info_ack_sent> <update_mdt_info_ack_fail> <mts_update_route_req_rcvd> <mts_update_route_ack_sent> <mts_update_route_ack_fail> <force_update_rcvd> <notify_member_count> <pending_mpib> <uptime> <allsync_eor_sent> <allsync_eor_fail> <allsync_eor_send_ts> <vrf_rte_sync_eor_sent> <vrf_rte_sync_eor_fail> <vrf_rte_sync_eor_send_ts> <allsync_eor_rte_pend_vrf> }]

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
client-name	(Optional) Multicast routing client name
detail	(Optional) Display detailed route attributes
__readonly__	(Optional)
TABLE_mpib	(Optional)
mpib_name	(Optional)
mpib_index	(Optional)
mpib_pid	(Optional)
mpib_mts_sap	(Optional)
mpib_shm	(Optional)
stale_timer	(Optional)

join_notify	(Optional)
prune_notify	(Optional)
rpf_notify	(Optional)
delete_notify	(Optional)
repopulate_notify	(Optional)
zero-oif-notify	(Optional)
non-zero-oif-notify	(Optional)
attach-notify	(Optional)
non-attach-notify	(Optional)
static-notify	(Optional)
non-static-notify	(Optional)
internal-notify	(Optional)
otv-decap-notify	(Optional)
no-vxlan-decap-notify	(Optional)
mdt-decap-notify	(Optional)
eor-notify	(Optional)
notification_pending	(Optional)
ssm_owner	(Optional)
bidir_owner	(Optional)
static_owner	(Optional)
shared_only_owner	(Optional)
locally_joined_owner	(Optional)
external_owner	(Optional)
mdt_owner	(Optional)
fabric_owner	(Optional)
sticky_iif_owner	(Optional)
data_created_owner	(Optional)
internal_owner	(Optional)
prune_owner	(Optional)

attached_owner	(Optional)
otv_decap_owner	(Optional)
vxlan_decap_owner	(Optional)
secondary_owner	(Optional)
encap_index_owner	(Optional)
force_punt_owner	(Optional)
multi_route_owner	(Optional)
register_stop_owner	(Optional)
notify_sent	(Optional)
notify_fail	(Optional)
notify_ack_rcvd	(Optional)
add_route_req_rcvd	(Optional)
add_route_ack_sent	(Optional)
add_route_ack_fail	(Optional)
delete_route_req_rcvd	(Optional)
delete_route_ack_sent	(Optional)
delete_route_ack_fail	(Optional)
update_route_req_rcvd	(Optional)
update_route_ack_sent	(Optional)
update_route_ack_fail	(Optional)
update_mdt_info_req_rcvd	(Optional)
update_mdt_info_ack_sent	(Optional)
update_mdt_info_ack_fail	(Optional)
mts_update_route_req_rcvd	(Optional)
mts_update_route_ack_sent	(Optional)
mts_update_route_ack_fail	(Optional)
force_update_rcvd	(Optional)
notify_member_count	(Optional)
pending_mpib	(Optional)

uptime	(Optional)
allsync_eor_sent	(Optional)
allsync_eor_fail	(Optional)
allsync_eor_send_ts	(Optional)
vrf_rte_sync_eor_sent	(Optional)
vrf_rte_sync_eor_fail	(Optional)
vrf_rte_sync_eor_send_ts	(Optional)
allsync_eor_rte_pend_vrf	(Optional)

Command Mode

- /exec

show routing ipv6 multicast lisp encap

{ show routing ipv6 multicast lisp encap } [__readonly__ { TABLE_m6rib_list_encap <encap-index> <source-rloc> <dest-rloc> <ref-count> }]

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 encap indices
__readonly__	(Optional)
TABLE_m6rib_list_encap	(Optional)
encap-index	(Optional)
source-rloc	(Optional)
dest-rloc	(Optional)
ref-count	(Optional)

Command Mode

- /exec

show routing ipv6 multicast mdt encapsulation

show routing ipv6 multicast mdt encapsulation [detail] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ [TABLE_vrf <vrf-name> [TABLE_mdt <index> <group> <source> <count> <delete-pending>]]]

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
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
__readonly__	(Optional)
TABLE_vrf	(Optional)
vrf-name	(Optional)
TABLE_mdt	(Optional)
index	(Optional)
count	(Optional)
delete-pending	(Optional)

Command Mode

- /exec

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>]] [__readonly__ [TABLE_currentmax [<max-mb>] [<max-groups>] [<sources-per-group>] [<oifs-per-entry>]] [TABLE_inuse [<used-kb>] [<alloc-count>] [<sources-per-group>] [<oifs-per-entry>] [<mdt-encap-entry>]] [TABLE_configuredmax [<max-mb>] [<max-groups>] [<sources-per-group>] [<oifs-per-entry>]] [TABLE_estimate [<estimate-mb>] [<groups>] [<sources-per-group>] [<oifs-per-entry>] [<mdt-encap-entry>]]]

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
group-count	(Optional) Number of groups
sources-per-group	(Optional) Display mrib memory estimate for # sources per group
source-count	(Optional) Number of sources per route
oifs-per-entry	(Optional) Display mrib memory estimate for # oifs per (S,G) or (*,G) entry
oif-count	(Optional) Number of oifs per entry
mdt-encap-entries	(Optional) Display mrib memory estimate for # mdt encap entries
encap-entry-count	(Optional) Number of mdt encap entries
__readonly__	(Optional)
TABLE_currentmax	(Optional)
max-mb	(Optional)
max-groups	(Optional)
sources-per-group	(Optional)
oifs-per-entry	(Optional)
TABLE_inuse	(Optional)

used-kb	(Optional)
alloc-count	(Optional)
sources-per-group	(Optional)
oifs-per-entry	(Optional)
mdt-encap-entry	(Optional)
TABLE_configuredmax	(Optional)
max-mb	(Optional)
max-groups	(Optional)
sources-per-group	(Optional)
oifs-per-entry	(Optional)
TABLE_estimate	(Optional)
estimate-mb	(Optional)
groups	(Optional)
sources-per-group	(Optional)
oifs-per-entry	(Optional)
mdt-encap-entry	(Optional)

Command Mode

- /exec

show routing ipv6 multicast sr

show routing ipv6 multicast sr [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ [TABLE_vrf <vrf-name> <mode> <mac-rewrite> [TABLE_route <in-group-range> <to-group-range> <group-mask> <in-source-range> <to-source-range> <source-mask> <udp-src-port> <udp-dest-port> <static-oif>]]]

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
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
__readonly__	(Optional)
TABLE_vrf	(Optional)
vrf-name	(Optional)
mode	(Optional)
mac-rewrite	(Optional)
TABLE_route	(Optional)
in-group-range	(Optional)
to-group-range	(Optional)
group-mask	(Optional)
in-source-range	(Optional)
to-source-range	(Optional)
source-mask	(Optional)
udp-src-port	(Optional)
udp-dest-port	(Optional)
static-oif	(Optional)

Command Mode

- /exec

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
vrf-name	(Optional) VRF name
vrf-known-name	(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
topology-name	(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
vrf-name	(Optional) VRF name
vrf-known-name	(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
topology-name	(Optional) topology name
recursive-next-hop	Display recursive next-hop table

Note The vrf <vrf-all> option may be specified either before other command options or at the end of the command but not both. The vrf <vrf-all> option can appear only once in the command.

Command Mode

- /exec

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] [__readonly__ <current_max_mb> <current_max_routes> <urib_max_nh> <used_mb> <route_stats_alloc_count> <nhs> <configured_max_mb> <configured_max_routes> <urib_routes_max_nh> [<estimate_mb> <estimate_routes> <estimate_nhs> <estimate_with_mvpn_mb> <estimate_with_ospf_mb> <estimate_with_eigrp_mb>]]

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
route-count	(Optional) Number of routes
next-hops	(Optional) Display urib memory estimate for # next-hops per route
nh-count	(Optional) Number of next-hops per route
nh-unique	(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
nh6-count	(Optional) Number of V6 next-hops per route
nh6-unique	(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
srte-count	(Optional) Number of srte next-hops per route
srte-unique	(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
__readonly__	(Optional)

current_max_mb	(Optional)
current_max_routes	(Optional)
urib_max_nh	(Optional)
used_mb	(Optional)
route_stats_alloc_count	(Optional)
nhs	(Optional)
configured_max_mb	(Optional)
configured_max_routes	(Optional)
urib_routes_max_nh	(Optional)
estimate_mb	(Optional)
estimate_routes	(Optional)
estimate_nhs	(Optional)
estimate_with_mvpn_mb	(Optional)
estimate_with_ospf_mb	(Optional)
estimate_with_eigrp_mb	(Optional)

Command Mode

- /exec

show routing memory statistics

show routing [ip | ipv4] [unicast] memory statistics [debug] [__readonly__ { TABLE_shrd_mem <ubuf-alloc> <ubuf-high-water> <ubuf-max> <ubuf-numalloc> <rbuf-alloc> <rbuf-high-water> <rbuf-max> <rbuf-numalloc> <slbs-alloc> <slbs-high-water> <slbs-max> <slbs-numalloc> } { TABLE_urib_slabs <slab-name> <slab-alloc-count> <slab-max-allocs> <slab-size> } { TABLE_urib_blks <block-name> <block-count> <max-blocks> <blks-count> } { TABLE_urib_routes_rnhs <ctx-name> <user-node> <total-node> <elem-size> }]

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
__readonly__	(Optional)
TABLE_shrd_mem	(Optional)
ubuf-alloc	(Optional)
ubuf-high-water	(Optional)
ubuf-max	(Optional)
ubuf-numalloc	(Optional)
rbuf-alloc	(Optional)
rbuf-high-water	(Optional)
rbuf-max	(Optional)
rbuf-numalloc	(Optional)
slbs-alloc	(Optional)
slbs-high-water	(Optional)
slbs-max	(Optional)
slbs-numalloc	(Optional)

TABLE_urib_slabs	(Optional)
slab-name	(Optional)
slab-alloc-count	(Optional)
slab-max-allocs	(Optional)
slab-size	(Optional)
TABLE_urib_blks	(Optional)
block-name	(Optional)
block-count	(Optional)
max-blocks	(Optional)
blks-count	(Optional)
TABLE_urib_routes_rnhs	(Optional)
ctx-name	(Optional)
user-node	(Optional)
total-node	(Optional)
elem-size	(Optional)

Command Mode

- /exec

show routing multicast clients

show routing [ip | ipv4] multicast clients [<client-name>] [detail] [__readonly__ { TABLE_mpib <mpib_name> <mpib_index> <mpib_pid> <mpib_mts_sap> <mpib_shm> <stale_timer> <join_notify> <prune_notify> <rpf_notify> <delete_notify> <repopulate_notify> <zero-oif-notify> <non-zero-oif-notify> <attach-notify> <non-attach-notify> <static-notify> <non-static-notify> <internal-notify> <non-internal-notify><external-notify><non-external-notify> <otv-decap-notify> <no-otv-decap-notify><vxlan-decap-notify> <no-vxlan-decap-notify> <mdt-encap-notify><no-mdt-encap-notify> <mdt-decap-notify> <no-mdt-decap-notify><vpc-svi-notify> <eor-notify> <notification_pending> [<ssm_owner> <bidir_owner> <static_owner> <shared_only_owner> <locally_joined_owner> <external_owner> <mdt_owner> <fabric_owner> <sticky_iif_owner> <data_created_owner> <internal_owner> <prune_owner> <attached_owner> <otv_decap_owner> <vxlan_decap_owner> <secondary_owner> <encap_index_owner> <force_punt_owner> <multi_route_owner> <register_stop_owner>] <notify_sent> <notify_fail> <notify_ack_rcvd> <add_route_req_rcvd> <add_route_ack_sent> <add_route_ack_fail> <delete_route_req_rcvd> <delete_route_ack_sent> <delete_route_ack_fail> <update_route_req_rcvd> <update_route_ack_sent> <update_route_ack_fail> <update_mdt_info_req_rcvd> <update_mdt_info_ack_sent> <update_mdt_info_ack_fail> <mts_update_route_req_rcvd> <mts_update_route_ack_sent> <mts_update_route_ack_fail> <force_update_rcvd> <notify_member_count> <pending_mpib> <uptime> <allsync_eor_sent> <allsync_eor_fail> <allsync_eor_send_ts> <vrf_rte_sync_eor_sent> <vrf_rte_sync_eor_fail> <vrf_rte_sync_eor_send_ts> <allsync_eor_rte_pend_vrf> }]

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
client-name	(Optional) Multicast routing client name
detail	(Optional) Display detailed route attributes
__readonly__	(Optional)
TABLE_mpib	(Optional)
mpib_name	(Optional)
mpib_index	(Optional)
mpib_pid	(Optional)
mpib_mts_sap	(Optional)
mpib_shm	(Optional)

stale_timer	(Optional)
join_notify	(Optional)
prune_notify	(Optional)
rpf_notify	(Optional)
delete_notify	(Optional)
repopulate_notify	(Optional)
zero-oif-notify	(Optional)
non-zero-oif-notify	(Optional)
attach-notify	(Optional)
non-attach-notify	(Optional)
static-notify	(Optional)
non-static-notify	(Optional)
internal-notify	(Optional)
otv-decap-notify	(Optional)
no-vxlan-decap-notify	(Optional)
mdt-decap-notify	(Optional)
eor-notify	(Optional)
notification_pending	(Optional)
ssm_owner	(Optional)
bidir_owner	(Optional)
static_owner	(Optional)
shared_only_owner	(Optional)
locally_joined_owner	(Optional)
external_owner	(Optional)
mdt_owner	(Optional)
fabric_owner	(Optional)
sticky_iif_owner	(Optional)
data_created_owner	(Optional)
internal_owner	(Optional)

prune_owner	(Optional)
attached_owner	(Optional)
otv_decap_owner	(Optional)
vxlan_decap_owner	(Optional)
secondary_owner	(Optional)
encap_index_owner	(Optional)
force_punt_owner	(Optional)
multi_route_owner	(Optional)
register_stop_owner	(Optional)
notify_sent	(Optional)
notify_fail	(Optional)
notify_ack_rcvd	(Optional)
add_route_req_rcvd	(Optional)
add_route_ack_sent	(Optional)
add_route_ack_fail	(Optional)
delete_route_req_rcvd	(Optional)
delete_route_ack_sent	(Optional)
delete_route_ack_fail	(Optional)
update_route_req_rcvd	(Optional)
update_route_ack_sent	(Optional)
update_route_ack_fail	(Optional)
update_mdt_info_req_rcvd	(Optional)
update_mdt_info_ack_sent	(Optional)
update_mdt_info_ack_fail	(Optional)
mts_update_route_req_rcvd	(Optional)
mts_update_route_ack_sent	(Optional)
mts_update_route_ack_fail	(Optional)
force_update_rcvd	(Optional)
notify_member_count	(Optional)

pending_mpib	(Optional)
uptime	(Optional)
allsync_eor_sent	(Optional)
allsync_eor_fail	(Optional)
allsync_eor_send_ts	(Optional)
vrf_rte_sync_eor_sent	(Optional)
vrf_rte_sync_eor_fail	(Optional)
vrf_rte_sync_eor_send_ts	(Optional)
allsync_eor_rte_pend_vrf	(Optional)

Command Mode

- /exec

show routing multicast lisp encap

{ show routing [ip | ipv4] multicast lisp encap } [__readonly__ { TABLE_mrib_list_encap <encap-index> <source-rloc> <dest-rloc> <ref-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
lisp	LISP related information
encap	All the encap indices
__readonly__	(Optional)
TABLE_mrib_list_encap	(Optional)
encap-index	(Optional)
source-rloc	(Optional)
dest-rloc	(Optional)
ref-count	(Optional)

Command Mode

- /exec

show routing multicast mdt encapsulation

show routing [ip | ipv4] multicast mdt encapsulation [detail] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ [TABLE_vrf <vrf-name> [TABLE_mdt <index> <group> <source> <count> <delete-pending> [TABLE_customer_route [<source>] [<group>]]]]]

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
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
__readonly__	(Optional)
TABLE_vrf	(Optional)
vrf-name	(Optional)
TABLE_mdt	(Optional)
index	(Optional)
group	(Optional)
source	(Optional)
count	(Optional)
delete-pending	(Optional)
TABLE_customer_route	(Optional)
source	(Optional)
group	(Optional)

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>]] [__readonly__ [TABLE_currentmax [<max-mb>] [<max-groups>] [<sources-per-group>] [<oifs-per-entry>]] [TABLE_inuse [<used-kb>] [<alloc-count>] [<sources-per-group>] [<oifs-per-entry>] [<mdt-encap-entry>]] [TABLE_configuredmax [<max-mb>] [<max-groups>] [<sources-per-group>] [<oifs-per-entry>]] [TABLE_estimate [<estimate-mb>] [<groups>] [<sources-per-group>] [<oifs-per-entry>] [<mdt-encap-entry>]]]

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 mrib memory information
estimate	Display mrib memory estimate
groups	(Optional) Display mrib memory estimate for # groups
group-count	(Optional) Number of groups
sources-per-group	(Optional) Display mrib memory estimate for # sources per group
source-count	(Optional) Number of sources per route
oifs-per-entry	(Optional) Display mrib memory estimate for # oifs per (S,G) or (*,G) entry
oif-count	(Optional) Number of oifs per entry
mdt-encap-entries	(Optional) Display mrib memory estimate for # mdt encap entries
encap-entry-count	(Optional) Number of mdt encap entries
__readonly__	(Optional)
TABLE_currentmax	(Optional)
max-mb	(Optional)
max-groups	(Optional)
sources-per-group	(Optional)
oifs-per-entry	(Optional)

TABLE_inuse	(Optional)
used-kb	(Optional)
alloc-count	(Optional)
sources-per-group	(Optional)
oifs-per-entry	(Optional)
mdt-encap-entry	(Optional)
TABLE_configuredmax	(Optional)
max-mb	(Optional)
max-groups	(Optional)
sources-per-group	(Optional)
oifs-per-entry	(Optional)
TABLE_estimate	(Optional)
estimate-mb	(Optional)
groups	(Optional)
sources-per-group	(Optional)
oifs-per-entry	(Optional)
mdt-encap-entry	(Optional)

Command Mode

- /exec

show routing multicast sr

show routing [ip | ipv4] multicast sr [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ [TABLE_vrf <vrf-name> <mode> <mac-rewrite> [TABLE_route <in-group-range> <to-group-range> <group-mask> <in-source-range> <to-source-range> <source-mask> <udp-src-port> <udp-dest-port> <static-oif>]]]

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
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
__readonly__	(Optional)
TABLE_vrf	(Optional)
vrf-name	(Optional)
mode	(Optional)
mac-rewrite	(Optional)
TABLE_route	(Optional)
in-group-range	(Optional)
to-group-range	(Optional)
group-mask	(Optional)
in-source-range	(Optional)
to-source-range	(Optional)
source-mask	(Optional)
udp-src-port	(Optional)

udp-dest-port	(Optional)
static-oif	(Optional)

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
vrf-name	(Optional) VRF name
vrf-known-name	(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	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
topology-name	(Optional) topology name
nhlfe	Display URIB NHLFE db
stats	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Note The vrf <vrf-all> option may be specified either before other command options or at the end of the command but not both. The vrf <vrf-all> option can appear only once in the command.

Command Mode

- /exec

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
vrf-name	(Optional) VRF name
vrf-known-name	(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	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
recursive-next-hop	Display recursive next-hop table
topology-name	(Optional) topology name
ip-addr	(Optional) Display single recursive virtual next-hop

Note The vrf <vrf-all> option may be specified either before other command options or at the end of the command but not both. The vrf <vrf-all> option can appear only once in the command.

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
peer-ip	Peer IP
inner-src-mac	Inner Source MAC Address
inner-dst-mac	Inner Destination MAC Address
inner-src-ip	(Optional) Inner Source IP
inner-dst-ip	(Optional) Inner Destination IP
ip-proto	(Optional) IP Protocol information for the packet
ip-proto	(Optional) IP Protocol information for the packet
inner-src-port	(Optional) Inner Source-port
inner-dst-port	(Optional) Inner Destination-port
module	(Optional) Module
module-id	(Optional) Module

Command Mode

- /exec

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
inner-src-mac	Inner Source MAC Address
inner-dst-mac	Inner Destination MAC Address
inner-src-ip	(Optional) Inner Source IP
inner-dst-ip	(Optional) Inner Destination IP
ip-proto	(Optional) IP Protocol information for the packet
ip-proto	(Optional) IP Protocol information for the packet
inner-src-port	(Optional) Inner Source-port
inner-dst-port	(Optional) Inner Destination-port
module	(Optional) Module
module-id	(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
i0	VSAN id

Command Mode

- /exec

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
i0	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
i0	VSAN id

Command Mode

- /exec

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
i0	(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
i0	VSAN id range

Command Mode

- /exec

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
i0	(Optional) VSAN id range
detail	show statistics for each type of RSCN
vsan	(Optional) show statistics for given vsan
i1	(Optional) VSAN id range

Command Mode

- /exec

show running-config

show running-config

Syntax Description

show	Show running system information
running-config	Current operating configuration

Command Mode

- /exec

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 acllog

show running-config acllog [all]

Syntax Description

show	Show running system information
running-config	Current operating configuration
acllog	show running config for acllog
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 [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

Syntax Description

show	Show running system information
running-config	Current operating configuration
all	Current operating configuration with defaults

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 [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 [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 [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 [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 [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 [<all_conf_profile_name>]

Syntax Description

show	Show running-cfg
running-config	show running configuration
config-profile	Display port-profile configuration
all_conf_profile_name	(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 [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 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 [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 [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 [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

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 <feature-list> +

Syntax Description

show	Show running system information
running-config	Current operating configuration
exclude	Exclude running configuration of specified features
feature-list	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 [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 [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 [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 [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 [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 icam

show running-config icam

Syntax Description

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

Command Mode

- /exec

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 [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
if0	(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 <if0> [membership] [expand-port-profile]

Syntax Description

show	Show running system information
running-config	Current operating configuration
interface	Interface configuration
if0	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 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 [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 [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 [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 [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 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 | 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 [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 [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 [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 [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 [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 [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 nxsdk

show running-config nxsdk [all]

Syntax Description

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

Command Mode

- /exec

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 openflow

show running-config openflow [all]

Syntax Description

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

Command Mode

- /exec

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 [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
plistname	(Optional) Enter the name of the param list

Command Mode

- /exec

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 [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
all_profile_name	(Optional) Enter the name of the profile

Command Mode

- /exec

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 [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 | 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 [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 <section>

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)
section	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 [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

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 [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

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 [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
all	(Optional)
interface	(Optional) Specify an interface as a target for the command
interface_range	(Optional)

Command Mode

- /exec

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 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 syncc

show running-config syncc [all]

Syntax Description

running-config	Current operating configuration
syncc	show running config for syncc
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 [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 [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 [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
vlan-id	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

Syntax Description

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

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
vlan-id	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 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 [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
vrf-cfg-name	Configurable VRF name
all	(Optional) Display running config with defaults clis

Command Mode

- /exec

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 [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 [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 wwnm

show running-config wwnm

Syntax Description

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

Command Mode

- /exec

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
vsan-id	Vsan id

Command Mode

- /exec