



New, Changed, and Deprecated Show Commands in Cisco Nexus 9000 Release 7.0(3)I7(3)

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- `show isis [<isis-tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] lslib [cache [nodes | links | prefixes | node <s0> | link <s1> | prefix <s2> | links-of-node <s3> | prefixes-of-node <s4>] [detail]] [vrf { <vrf-name> | <vrf-known-name> | all }]`
- `show isis [<isis-tag>] distribute-ls { [system-id <sid>] | [lsp-id <lid>] } [brief] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ { TABLE_process_tag <process-tag-out> <vrf-name-out> <vrf-id-out> <lslib-connection-out> <client-type-out> <protocol-instance-out> <nxos-instance-out> <ha-recovery-out> [<queue-all-out>] <update-timer-sec-out> <update-timer-msec-out> <update-timer-running-out> [<update-timer-due-in>] [{ TABLE_process_lvl <level-out> <level-distributing-out> [{ TABLE_ls_node <node-id-out> <node-name-out> [{ TABLE_ls_lsp <lsp-id-out> <lsp-name-out> <lsp-purged-out> <node-grpid-out> <prefix-grpid-out> <link-grpid-out> <node-attr-bitfield-out> <node-flags-out> [<attached-bit-out>] [<overloaded-bit-out>] [<area-id-out>] [<area-length-out>] [<name-out>] [<ipv4-id-out>] [{ TABLE_srgb <number-out> <start-out> <size-out> }] [<sr-algo-count-out>] [{ TABLE_sr_algo <algo-out> }] [{ TABLE_ls_link <nbr-node-out> <local-ip-out> <remote-ip-out> <link-attr-bitfield-out> [<metric-out>] <local-ip-attr-out> <remote-ip-attr-out> [<max-link-bw-out>] [<max-resv-bw-out>] [{ TABLE_unresv_bw <number-out> <bw-out> }] [<metric-te-out>] [{ TABLE_adj_sid <asid-out> <flag-out> <weight-out> }] }] [{ TABLE_ls_prefix <prefix-out> <prefix-len-out> <prefix-attr-bitfield-out> [<metric-out>] [{ TABLE_sid <sid-out> <algo-out> <flags-out> }] }] }] }] }`
- `show isis [<isis-tag>] internal queues urib-ulib`
- `show isis [<isis-tag>] segment-routing local-mapcache [vrf { <vrf-name> | <vrf-known-name> | all }]`
- `show isis [<isis-tag>] segment-routing mapcache [level-1 | level-2] [<ipv4-prefix>] [sid <sr-sid>] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ { TABLE_process_tag <process-tag-out> { TABLE_vrf <vrf-name-out> <srmap-v4-state> <srmap-v6-state> [{ TABLE_srmap_level <srmap-level> [{ TABLE_srmap_pfxsid <srmap-pfxsid> <srmap-lsp-id> <srmap-pfxsid-valid> <srmap-pfxsid-flags> <srmap-prefix> }] }] }] }`
- `show isis [<isis-tag>] segment-routing remote-srgb [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ { TABLE_process_tag <process-tag-out> { TABLE_vrf <vrf-name-out> <sr-v4-state> <sr-v6-state> [{ TABLE_srgb_lsp <srgb-level> <srgb-lspid> <srgb-num-entries> <srgb-flags> [{ TABLE_srgb_label <srgb-start-label> <srgb-range> }] }] }] }`
- `show isis [<isis-tag>] segment-routing sids [vrf { <vrf-name> | <vrf-known-name> | all }]`
- `show logging level hw_telemetry`
- `show logging level segment-routing`
- `show processes cpu history data [__readonly__ { [TABLE_processes_cpu_history <cpu_avg_sec>] }]`
- `show processes memory physical [__readonly__ { TABLE_process_physical_memory <processid> <virtual> <physical> <rss> <processname> }]`
- `show routing [ip | ipv4] multicast internal nbm pending-flow-cache`
- `show routing [ip | ipv4] multicast internal rpf-source retry-cache [vrf { <vrf-name> | <vrf-known-name> | all }]`
- `show running-config config-template`
- `show running-config hw_telemetry [all]`

- show running-config segment-routing [all]
- show segment-routing [detail] [__readonly__ <srvname> <state> <process_id> [<srgb_min_label> <srgb_max_label> <srgb_alloc_status> [<oper_srgb_min_label> <oper_srgb_max_label>] <cleanup_intvl> <retry_intvl> [<num_retries>] [<srgb_alloc_hdl>] [<cleanup_timer_state> <retry_timer_state>]] [<ulib_reg_status> [<ulib_pib_hdl>]]]
- show segment-routing clients [__readonly__ [{ TABLE_client <client_pib_name> <client_pib_index> <client_uuid> <client_pid> <client_sap> [{ TABLE_tib <vrf_name> <tib_name> [<pxsid_cleanup_status>] }] }] <total_clients>]
- show segment-routing internal event-history errors
- show segment-routing internal event-history event
- show segment-routing internal event-history msgs
- show segment-routing internal mem-stats [no-libs] [detail]
- show segment-routing internal { ipv4 | ipv6 } connected-prefix-sid-map
- show segment-routing ipv4 connected-prefix-sid-map [__readonly__ [{ TABLE_tib <vrf_name> <tib_name> [{ TABLE_pfxsid <prefix> <index> <absolute> <range> <valid> }] }]]
- show startup-config hw_telemetry [all]
- show startup-config segment-routing [all]
- show system config reload-pending [__readonly__ { TABLE_reload_pending <cmds_list> }]
- show system internal aclqos info tapagg-db
- show system internal fabric connectivity stats [module <module>]
- show system internal fabric link-state { [module <module>] | all }
- show system internal hw_telemetry details
- show system internal hw_telemetry event-history debug
- show system internal hw_telemetry event-history errors
- show system internal hw_telemetry event-history msgs
- show system internal hw_telemetry mem-stats [detail]
- show system internal nbm flow rp-hash group <grp> [source <src>]
- show system internal telemetry event collector batch [all]
- show tech-support hw_telemetry
- show tech-support segment-routing

Changed Commands

The following commands are changed in this release.

- OLD: `show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] convergence [detail] [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] [__readonly__ <starttime> <configdonetime> <juststarted> [<initwaittime>] [<ldpconverged>] [<ulibconvergencesent>] TABLE_vrf <vrf-name-out> <bestpathtimeout> <configuredtimeout> <updatedelay> [<firstpeerup>] <timerrunning> [<timerexpires>] TABLE_afi <afi> TABLE_safi <safi> <af-name> <total_configured_peers> <total_capable_peers> <firstbestpathsignalled> [<firstbestpathsignalledtime>] <firstbestpathdone> [<firstbestpathdonetime>] [<lastbestpathsignalledtime> <lastbestpathdonetime>]] [<riblibconvergencesent>] [<importtimerrunning>] [<importtimerexpires>] [{ TABLE_rcvdpeers [<peer>] [<ipv6peer>] [<signalledtimepeer>] }] [{ TABLE_notrcvdpeers [<notpeer>] [<notipv6peer>] [<nokeepalive>] [<notsignalledtime>] }]]]`
- NEW: `show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] convergence [detail] [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] [__readonly__ <starttime> <configdonetime> <juststarted> [<initwaittime>] [<ldpconverged>] [<ulibconvergencesent>] [TABLE_vrf <vrf-name-out> <bestpathtimeout> <configuredtimeout> <updatedelay> [<firstpeerup>] <timerrunning> [<timerexpires>] [TABLE_afi <afi> TABLE_safi <safi> <af-name> <total_configured_peers> <total_capable_peers> <firstbestpathsignalled> [<firstbestpathsignalledtime>] <firstbestpathdone> [<firstbestpathdonetime>] [<lastbestpathsignalledtime> <lastbestpathdonetime>]] [<riblibconvergencesent>] [<importtimerrunning>] [<importtimerexpires>] [{ TABLE_rcvdpeers [<peer>] [<ipv6peer>] [<signalledtimepeer>] }] [{ TABLE_notrcvdpeers [<notpeer>] [<notipv6peer>] [<nokeepalive>] [<notsignalledtime>] }]]]]`
- OLD: `show bgp [internal] event-history { <bgp-event-hist> | events | errors | msgs | detail | periodic | objstore }`
- NEW: `show bgp [internal] event-history { <bgp-event-hist> | events | errors | msgs | detail | periodic | objstore | developer }`
- OLD: `show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | all } neighbors { <neighbor-id> | <ipv6-neighbor-id> } flap-statistics [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] [__readonly__ TABLE_vrf <vrf-name-out> TABLE_afi <afi> TABLE_safi <safi> <af-name> [TABLE_rd [<rd_val> [<rd_vrf>] [<rd_vniid>]] [<dampeningenabled> <historypaths> <dampenedpaths>] [TABLE_prefix { <ipprefix> | <ipv6prefix> | <nonipprefix> } [<status>] [<pathtype>] [<peer> | <ipv6peer>] [<flapcount>] [<duration>] [<reuse>] [<penalty>] [<suppresslimit>] [<reuselimit>] [<best>]]]]]`
- NEW: `show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | all } neighbors { <neighbor-id> | <ipv6-neighbor-id> } flap-statistics [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] [__readonly__ TABLE_vrf <vrf-name-out> [TABLE_afi <afi> TABLE_safi <safi> <af-name> [TABLE_rd [<rd_val> [<rd_vrf>] [<rd_vniid>]] [<dampening> <historypaths> <dampenedpaths>] [TABLE_prefix { <ipprefix> | <ipv6prefix> | <nonipprefix> } [<status>] [<pathtype>] [<peer> | <ipv6peer>] [<flapcount>] [<duration>] [<reuse>] [<penalty>] [<suppresslimit>] [<reuselimit>] [<best>]]]]]]`

- ```
| vpnv6 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 labeled-unicast | link-state
| l2vpn vpls [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 mvpn [rd {
<ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 mvpn [rd { <ext-comm-rd-aa2nn4> |
<ext-comm-rd-aa4nn2> }] | l2vpn evpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] |
ipv4 labeled-unicast | all } dampening flap-statistics [vrf { <vrf-name> | <vrf-known-name> |
ALL_VRFS_012345678901234 }] [__readonly__ TABLE_vrf <vrf-name-out> TABLE_afi <afi>
TABLE_safi <safi> <af-name> [TABLE_rd [<rd_val> [<rd_vrf>] [<rd_vniid>]] [
<dampeningenabled> <historypaths> <dampenedpaths>] [TABLE_prefix { <ipprefix> | <ipv6prefix>
| <nonipprefix> } [<status>] [<pathtype>] [<peer> | <ipv6peer>] [<flapcount>] [<duration>] [
<reuse>] [<penalty>] [<suppresslimit>] [<reuselimit>] [<best>]]]]
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- NEW: show bgp [ vrf { <vrf-name> | <vrf-known-name> | ALL\_VRFS\_012345678901234 } ] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | ipv4 mdt [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | vpv4 unicast [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | vpv6 unicast [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | ipv6 labeled-unicast | link-state | l2vpn vpls [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | ipv4 mvpn [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | ipv6 mvpn [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | l2vpn evpn [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | ipv4 labeled-unicast | all } dampening flap-statistics [ vrf { <vrf-name> | <vrf-known-name> | ALL\_VRFS\_012345678901234 } ] [ \_\_readonly\_\_ TABLE\_vrf <vrf-name-out> [ TABLE\_afi <afi> TABLE\_safi <safi> <af-name> [ TABLE\_rd [ <rd\_val> [ <rd\_vrf> ] [ <rd\_vniid> ] ] [ <dampening> <historypaths> <dampenedpaths> ] [ TABLE\_prefix { <ipprefix> | <ipv6prefix> | <nonipprefix> } [ <status> ] [ <pathtype> ] [ <peer> | <ipv6peer> ] [ <flapcount> ] [ <duration> ] [ <reuse> ] [ <penalty> ] [ <suppresslimit> ] [ <reuselimit> ] [ <best> ] ] ] ] ]
  - OLD: show bgp [ vrf { <vrf-name> | <vrf-known-name> | ALL\_VRFS\_012345678901234 } ] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | ipv4 mdt [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | vpv4 unicast [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | vpv6 unicast [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | ipv6 labeled-unicast | link-state | l2vpn vpls [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | ipv4 mvpn [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | ipv6 mvpn [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | l2vpn evpn [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | ipv4 labeled-unicast | all } dampening { dampened-paths [ regexp <regexp-str> ] | history-paths [ regexp <regexp-str> ] } [ vrf { <vrf-name> | <vrf-known-name> | ALL\_VRFS\_012345678901234 } ] [ \_\_readonly\_\_ TABLE\_vrf <vrf-name-out> TABLE\_afi <afi> TABLE\_safi <safi> <af-name> [ <table-version> <router-id> ] [ TABLE\_rd [ <rd\_val> [ <rd\_vrf> ] [ <rd\_vniid> ] ] [ TABLE\_prefix { <ipprefix> | <ipv6prefix> | <nonipprefix> } [ <prefixversion> <totalpaths> <bestpathnr> [ <on-newlist> <on-xmitlist> <suppressed> <needsresync> <locked> ] [ <export-on-newlist> <export-on-xmitlist> ] [ <locallabel> ] [ <labelhldwstr> ] [ <mpath> ] ] { TABLE\_path <pathnr> { { <status> <best> <type> <statuscode> <bestcode> <typecode> } { <ipnexthop> | <ipv6nexthop> } { <inlabel> <outlabel> <vpn> <hold\_down> } | { <weight> <aspath> <origin> [ <metric> ] [ <localpref> ] } } } [ <policyincomplete> <pathvalid> <pathbest> <pathdeleted> <pathstaled> <pathhistory> <pathovermaxaslimit> <pathmultipath> <pathnolabeledrn> ] [ <importsourcen> [ <originalimportsourcen> ] ] [ <importdstcount> ] [ <existpath> ] [ <aspath> <source> ] { <ipnexthop> | <ipv6nexthop> } <nexthopmetric> { <neighbor> | <ipv6neighbor> } <neighborid> <origin> [ <metric> ] <localpref> <weight> [ <aggregator> <aggregatoras> ] [ <inlabel> ] [ <originflag> ] [ { TABLE\_community <community> } ] [ { TABLE\_extcommunity <extcommunity> } ] [ <originatorid> { TABLE\_clusterlist <clusterlist> } ] [ <flappenalty> <dampenedtime> <flaps> <flaptime> <flapflags> <flapindex> <flaphalfife> <flapreuse> <flapsuppress> <flapmax> ] [ <con\_type> <con\_len> <con\_rd> <con\_ip> ] [ <psid\_len> [ <psid\_lindx\_len> <psid\_lindx\_flag> <psid\_lindx> ] [ <psid\_v6sid\_len> <psid\_v6sid> ] [ <psid\_origrsrgb\_len> <psid\_origrsrgb\_flag> <psid\_origrsrgb\_base> <psid\_origrsrgb\_end> ] ] [ <remotenh> <remotenh\_encap> <remotenh\_vnid> <remotenh\_mac> ] [ <pmsi>

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][<evpn-esi>][<link-state-attr> <link-state-attr-len>][<mdt_grp_addr>] } } [TABLE_advertisedto
<advertisedto>][TABLE_scheduledto <scheduledto>]]]]
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- NEW: show bgp [ vrf { <vrf-name> | <vrf-known-name> | ALL\_VRFS\_012345678901234 } ] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | ipv4 mdt [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | vpnv4 unicast [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | vpnv6 unicast [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | ipv6 labeled-unicast | link-state | l2vpn vpls [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | ipv4 mvpn [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | ipv6 mvpn [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | l2vpn evpn [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | ipv4 labeled-unicast | all } dampening { dampened-paths [ regexp <regexp-str> ] | history-paths [ regexp <regexp-str> ] } [ vrf { <vrf-name> | <vrf-known-name> | ALL\_VRFS\_012345678901234 } ] [ \_\_readonly\_\_ TABLE\_vrf <vrf-name-out> TABLE\_afi <afi> TABLE\_safi <safi> <af-name> [ <table-version> <router-id> ] [ TABLE\_rd [ <rd\_val> [ <rd\_vrf> ] [ <rd\_vniid> ] ] [ TABLE\_prefix { <ipprefix> | <ipv6prefix> | <nonipprefix> } [ <prefixversion> <totalpaths> <bestpathnr> [ <on-newlist> <on-xmitlist> <suppressed> <needsresync> <locked> ] [ <export-on-newlist> <export-on-xmitlist> ] [ <locallabel> ] [ <labelhldwstr> ] [ <mpath> ] ] { TABLE\_path <pathnr> { { <status> <best> <type> <statuscode> <bestcode> <typecode> { <ipnexthop> | <ipv6nexthop> } { { <inlabel> <outlabel> <vpn> <hold\_down> } | { <weight> <aspath> <origin> [ <metric> ] [ <localpref> ] } } } | { <policyincomplete> <pathvalid> <pathbest> <pathdeleted> <pathstaled> <pathhistory> <pathovermaxaslimit> <pathmultipath> <pathnolabeledrn> } ] [ <importsource> [ <originalimportsource> ] ] [ <importdestscount> ] [ <existpath> ] [ <aspath> <source> ] { <ipnexthop> | <ipv6nexthop> } <nexthopmetric> { <neighbor> | <ipv6neighbor> } <neighborid> <origin> [ <metric> ] <localpref> <weight> [ <aggregator> <aggregatoras> <atomicaggregate> ] [ <inlabel> ] [ <originflag> ] [ { TABLE\_community <community> } ] [ { TABLE\_extcommunity <extcommunity> } ] [ <originatorid> { TABLE\_clusterlist <clusterlist> } ] [ <flappenalty> <dampenedtime> <flaps> <flaptime> <flapflags> <flapindex> <flaphalfife> <flapreuse> <flapsuppress> <flapmax> ] [ <con\_type> <con\_len> <con\_rd> <con\_ip> ] [ <psid\_len> [ <psid\_lindx\_len> <psid\_lindx\_flag> <psid\_lindx> ] [ <psid\_v6sid\_len> <psid\_v6sid> ] [ <psid\_origsr> <psid\_origsr\_flag> <psid\_origsr\_base> <psid\_origsr\_end> ] ] [ <remotenh> <remotenh\_encap> <remotenh\_vnid> <remotenh\_mac> ] [ <pmsi> ] [ <evpn-esi> ] [ <link-state-attr> <link-state-attr-len> ] [ <mdt\_grp\_addr> ] } } ] [ TABLE\_advertisedto <advertisedto> ] [ TABLE\_scheduledto <scheduledto> ] ] ] ]
- OLD: show bgp [ vrf { <vrf-name> | <vrf-known-name> | ALL\_VRFS\_012345678901234 } ] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | ipv4 mdt [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | vpnv4 unicast [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | vpnv6 unicast [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | ipv6 labeled-unicast | link-state | l2vpn vpls [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | ipv4 mvpn [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | ipv6 mvpn [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | l2vpn evpn [ rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } ] | ipv4 labeled-unicast | all } extcommunity { <regexp-str> | { { 4byteas-generic { transitive <ext-comm-gen-trans> | non-transitive <ext-comm-gen-nontrans> } } + [ exact-match ] } } [ vrf { <vrf-name> | <vrf-known-name> | ALL\_VRFS\_012345678901234 } ] [ \_\_readonly\_\_ TABLE\_vrf <vrf-name-out> TABLE\_afi <afi> TABLE\_safi <safi> <af-name> [ <table-version> <router-id> ] [ TABLE\_rd [ <rd\_val> [ <rd\_vrf> ] [ <rd\_vniid> ] ] [ TABLE\_prefix { <ipprefix> | <ipv6prefix> | <nonipprefix> } [ <prefixversion> <totalpaths> <bestpathnr> [ <on-newlist> <on-xmitlist> <suppressed> <needsresync> <locked> ] [ <export-on-newlist> <export-on-xmitlist> ] [ <locallabel> ] [ <labelhldwstr> ] [ <mpath> ] ] { TABLE\_path <pathnr> { { <status> <best> <type> <statuscode> <bestcode> <typecode> { <ipnexthop> | <ipv6nexthop> } { { <inlabel> <outlabel> <vpn> <hold\_down> } | { <weight> <aspath> <origin> [ <metric> ] [ <localpref> ] } } } | { <policyincomplete> <pathvalid> <pathbest> <pathdeleted> <pathstaled> <pathhistory> <pathovermaxaslimit> <pathmultipath> <pathnolabeledrn> } ] [ <importsource> [ <originalimportsource> ] ] [ <importdestscount> ] [ <existpath> ] [ <aspath> <source>







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<dampenedtime> <flaps> <flaptime> <flapflags> <flapindex> <flaphalflife> <flapreuse> <flapsuppress>
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<psid_lindx_flag> <psid_lindx>] [<psid_v6sid_len> <psid_v6sid>] [<psid_origsrgrb_len>
<psid_origsrgrb_flag> <psid_origsrgrb_base> <psid_origsrgrb_end>]] [<remotenh> <remotenh_encap>
<remotenh_vnid> <remotenh_mac>] [<pmsi>] [<evpn-esi>] [<link-state-attr> <link-state-attr-len>
] [<mdt_grp_addr>] } } } [TABLE_advertisedto <advertisedto>] [TABLE_scheduledto <scheduledto>
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[ vrf { <vrf-name> | <vrf-known-name> | ALL\_VRFS\_012345678901234 } ] [ \_\_readonly\_\_ <totalpeers>  
<totalestablishedpeers> <localas> TABLE\_vrf <vrf-name-out> <local-as> <vrfpeers>  
<vrfeestablishedpeers> <router-id> [ TABLE\_neighbor <neighbor-id> <connectionsdropped> <remotear>  
[ <lastflap> ] [ <lastread> ] [ <lastwrite> ] <state> <localport> <remoteport> <notificationssent>  
<notificationsreceived> ] ]
  - OLD: show cli alias [ name <s0> ]
  - NEW: show cli alias [ name <s0> ] [ \_\_readonly\_\_ { TABLE\_cli\_alias <alias> <name> } ]
  - OLD: show cli variables
  - NEW: show cli variables [ \_\_readonly\_\_ <switchname> <timestamp> [ { TABLE\_variable <key>  
<value> } ] [ { TABLE\_session\_variable <key> <value> } ] ]
  - OLD: show config-replace status [ \_\_readonly\_\_ <last\_operation> <config\_replace\_type> <name>  
<start\_time> [ <end\_time> ] <operation\_status> ]
  - NEW: show config-replace status [ \_\_readonly\_\_ <last\_operation> [ <config\_replace\_type> ] [ <name>  
] [ <start\_time> ] [ <end\_time> ] [ <operation\_status> ] [ <commit\_status> ] [ <commit\_timeout\_remaining> ] ]
  - OLD: show consistency-checker forwarding single-route { ipv4 | ipv6 } <ip-prefix> vrf <vrf-name>
  - NEW: show consistency-checker forwarding single-route { ipv4 | ipv6 } <ip-prefix> prefix-len <px-len>  
vrf <vrf-name>
  - OLD: show consistency-checker membership vlan <vlanid> [ private-vlan [ interface [ <int-id> | <ch-id>  
] ] ]
  - NEW: show consistency-checker membership vlan <vlanid> [ private-vlan [ interface [ <int-id> | <ch-id>  
] ] ] [ native-vlan ]
  - OLD: show consistency-checker vpc
  - NEW: show consistency-checker vpc [ source-interface [ <int-id> | <ch-id> ] ]
  - OLD: show fabric multicast { ipv4 | ipv6 } { l2-mroute } vni { <vni-id> | all }
  - NEW: show fabric multicast { ipv4 | ipv6 } { l2-mroute } vni { <vni-id> | all } [ \_\_readonly\_\_ TABLE\_vni  
<vnid> [ TABLE\_mroute <mroute\_desc> [ TABLE\_fabric <fabric\_node\_addr> ] ] ]
  - OLD: show fcdroplacency [ { network | switch } ]
  - NEW: show fcdroplacency [ { network | switch } ] [ \_\_readonly\_\_ [ <switch\_latency> ] [ <global\_network\_latency> ] [ TABLE\_vsan\_network\_latency { <vsan-no> <network-latency> } ] ]
  - OLD: show fctimer

- NEW: show fctimer D\_S\_TOV [ vsan <i0> ] [ \_\_readonly\_\_ [ TABLE\_D\_S\_TOV [ <vsan-no> ] <D\_S\_TOV> ] [ <non-exist-*vsan*> ] ]
- OLD: show fctimer D\_S\_TOV [ vsan <i0> ]
- NEW: show fctimer E\_D\_TOV [ vsan <i0> ] [ \_\_readonly\_\_ [ TABLE\_E\_D\_TOV [ <vsan-no> ] <E\_D\_TOV> ] [ <non-exist-*vsan*> ] ]
- OLD: show fctimer E\_D\_TOV [ vsan <i0> ]
- NEW: show fctimer F\_S\_TOV [ vsan <i0> ] [ \_\_readonly\_\_ [ TABLE\_F\_S\_TOV [ <vsan-no> ] <F\_S\_TOV> ] [ <non-exist-*vsan*> ] ]
- OLD: show fctimer F\_S\_TOV [ vsan <i0> ]
- NEW: show fctimer R\_A\_TOV [ vsan <i0> ] [ \_\_readonly\_\_ [ TABLE\_R\_A\_TOV [ <vsan-no> ] <R\_A\_TOV> ] [ <non-exist-*vsan*> ] ]
- OLD: show fctimer R\_A\_TOV [ vsan <i0> ]
- NEW: show fctimer [ \_\_readonly\_\_ { <F\_S\_TOV> <D\_S\_TOV> <E\_D\_TOV> <R\_A\_TOV> } ]
- OLD: show fctimer last action status
- NEW: show fctimer last action status [ \_\_readonly\_\_ [ <vsan> ] <last\_action\_timestamp> <last\_action> <last\_action\_result> <last\_action\_failure\_reason> ]
- OLD: show fctimer pending
- NEW: show fctimer pending [ \_\_readonly\_\_ <status\_fctimer> ]
- OLD: show fctimer pending-diff
- NEW: show fctimer pending-diff [ \_\_readonly\_\_ <status\_fctimer> ]
- OLD: show fctimer session status
- NEW: show fctimer session status [ \_\_readonly\_\_ [ <vsan> ] <last\_action\_timestamp> <last\_action> <last\_action\_result> <last\_action\_failure\_reason> ]
- OLD: show fctimer status
- NEW: show fctimer status [ \_\_readonly\_\_ <Distribution> ]
- OLD: show fctimer vsan <i0>
- NEW: show fctimer vsan <i0> [ \_\_readonly\_\_ { TABLE\_fctimer <vsan-no> <F\_S\_TOV> <D\_S\_TOV> <E\_D\_TOV> <R\_A\_TOV> } [ <non-exist-*vsan*> ] ]
- OLD: show hsrp [ interface <interface-id> ] [ group <group-number> ] [ active | init | learn | listen | speak | standby ] + [ all ] [ brief [ all ] | detail ] [ ipv4 | ipv6 ] [ \_\_readonly\_\_ <show\_hsrp\_start> { TABLE\_grp\_detail <sh\_if\_index> <sh\_group\_num> <sh\_group\_type> <sh\_group\_version> <sh\_group\_state> [ <sh\_state\_reason> ] <sh\_prio> <sh\_cfg\_prio> <sh\_fwd\_lower\_threshold> <sh\_fwd\_upper\_threshold> <sh\_can\_forward> <sh\_preempt> [ <sh\_preempt\_min\_delay> ] [ <sh\_preempt\_min\_delay\_active> ] [ <sh\_preempt\_reload\_delay> ] [ <sh\_preempt\_reload\_delay\_active> ]

- ```

][ <sh_preempt_sync_delay> ][ <sh_preempt_sync_delay_active> ] <sh_cur_hello> <sh_cur_hello_attr>
[ <sh_cfg_hello> ][ <sh_cfg_hello_attr> ][ <sh_active_hello> ] <sh_cur_hold> <sh_cur_hold_attr> [
<sh_cfg_hold> ][ <sh_cfg_hold_attr> ][ <sh_vip> | <sh_vip_v6> ] <sh_vip_attr> [ <sh_num_vip_sec>
][ { TABLE_grp_vip_sec { <sh_vip_sec> | <sh_vip_sec_v6> } } ] [ <sh_active_router_addr> ][
<sh_active_router_addr_v6> ] <sh_active_router_prio> [ <sh_active_router_timer> ] [
<sh_standby_router_addr> ][ <sh_standby_router_addr_v6> ] <sh_standby_router_prio>
<sh_authentication_type> <sh_authentication_data> [ <sh_keystring_attr> ] [ <sh_keystring_timeout>
] [ <sh_keystring_cur_valid> ] <sh_vmac> <sh_vmac_attr> <sh_num_of_state_changes> [
<sh_last_state_change> ] <sh_num_of_total_state_changes> [ <sh_last_total_state_change> ]
<sh_num_track_obj> { [ TABLE_grp_track_obj <sh_track_obj> <sh_track_obj_state>
<sh_track_obj_prio> ] } <sh_ip_redund_name> <sh_ip_redund_name_attr> } <show_hsrp_end> ]

```
- NEW: show hsrp [interface <interface-id>] [group <group-number>] [active | init | learn | listen | speak | standby] + [all] [brief [all] | detail] [ipv4 | ipv6] [__readonly__ <show_hsrp_start> { TABLE_grp_detail <sh_if_index> <sh_group_num> <sh_group_type> <sh_group_version> <sh_group_state> [<sh_state_reason>] <sh_prio> <sh_cfg_prio> <sh_fwd_lower_threshold> <sh_fwd_upper_threshold> <sh_can_forward> <sh_preempt> [<sh_preempt_min_delay>] [<sh_preempt_min_delay_active>] [<sh_preempt_reload_delay>] [<sh_preempt_reload_delay_active>] [<sh_preempt_sync_delay>] [<sh_preempt_sync_delay_active>] <sh_cur_hello> <sh_cur_hello_attr> [<sh_cfg_hello>] [<sh_cfg_hello_attr>] [<sh_active_hello>] <sh_cur_hold> <sh_cur_hold_attr> [<sh_cfg_hold>] [<sh_cfg_hold_attr>] [<sh_vip> | <sh_vip_v6>] <sh_vip_attr> <sh_num_vip_sec> { [TABLE_grp_vip_sec <sh_vip_sec> }] [<sh_active_router_addr> | <sh_active_router_addr_v6>] <sh_active_router_prio> [<sh_active_router_timer>] [<sh_standby_router_addr> | <sh_standby_router_addr_v6>] <sh_standby_router_prio> <sh_authentication_type> <sh_authentication_data> [<sh_keystring_attr>] [<sh_keystring_timeout>] [<sh_keystring_cur_valid>] <sh_vmac> <sh_vmac_attr> <sh_num_of_state_changes> [<sh_last_state_change>] <sh_num_of_total_state_changes> [<sh_last_total_state_change>] { [TABLE_grp_track_obj <sh_track_obj> <sh_track_obj_state> <sh_track_obj_prio>] } <sh_num_track_obj> <sh_ip_redund_name> <sh_ip_redund_name_attr> } <show_hsrp_end>]
 - OLD: show icam prediction entries acl module <module> inst <inst> <YYYY> <Month> <Date> <Time> [top <top_x>] [__readonly__ <module> <instance> [{ TABLE_PREDICTION_ACL_entries <Feature> <Pkt_Type> <Value_Mask> <Action> <Ifindex> <Stats> <Prediction> }]]
 - NEW: show icam prediction entries acl module <module> inst <inst> <YYYY> <Month> <Date> <Time> [top <top_x>] [__readonly__ <module> <instance> [{ TABLE_PREDICTION_ACL_entries <Feature> <Pkt_Type> <Value_Mask> <Action> <Intf_name> <Stats> <Prediction> }]]
 - OLD: show interface <ifid_transceiver> transceiver [calibrations | details | sprom] [__readonly__ TABLE_interface <interface> [<sfp>] [<type>] [<name>] [<partnum>] [<rev>] [<serialnum>] [<nom_bitrate>] [<len_9>] [<len_9_2>] [<len_50>] [<len_625>] [<len_cu>] [<len_50_OM3>] [<txcvr_type>] [<connector_type>] [<bit_encoding>] [<protocol_type>] [<10gbe_code>] [<fiber_type_byte0>] [<fiber_type_byte1>] [<tx_range>] [<ciscoid>] [<ciscoid_1>] [<cisco_part_number>] [<cisco_product_id>] [<cisco_vendor_id>] [<temp_slope>] [<temp_offset>] [<volt_slope>] [<volt_offset>] [<curr_slope>] [<curr_offset>] [<tx_pwr_slope>] [<tx_pwr_offset>] [<rx_pwr_4>] [<rx_pwr_3>] [<rx_pwr_2>] [<rx_pwr_1>] [<rx_pwr_0>] [TABLE_lane [<lane_number>] [<temperature>] [<temp_flag>] [<temp_alarm_hi>] [<temp_alarm_lo>] [<temp_warn_hi>] [<temp_warn_lo>] [<voltage>] [<volt_flag>] [<volt_alarm_hi>] [<volt_alarm_lo>] [<volt_warn_hi>] [<volt_warn_lo>] [<current>] [<current_flag>] [<current_alarm_hi>] [<current_alarm_lo>] [<current_warn_hi>] [<current_warn_lo>] [<tx_pwr>] [<tx_pwr_flag>] [<tx_pwr_alarm_hi>] [<tx_pwr_alarm_lo>] [<tx_pwr_warn_hi>] [<tx_pwr_warn_lo>] [<rx_pwr_flag>] [<rx_pwr_alarm_hi>] [<rx_pwr_alarm_lo>] [<rx_pwr_warn_hi>] [<rx_pwr_warn_lo>]


```
[ <arp-sync-drp-ctxt-inv> ] [ <arp-sync-null-adj> ] [ <arp-sync-invalid-ip> ] [
<arp-periodic-sync-adj-l2-suppl-cnt> ] } }
```

- OLD: show ip igmp snooping [otv | remote] groups [{ <source> [<group>] } | { <group> [<source>] }] [vlan <vlan> | bridge-domain <bdid>] [detail] [summary] [__readonly__ { TABLE_vlan <vlan-id> [<rports>] [<rtrPortFlag>] [TABLE_port <if-name>] [TABLE_rtrports <rport-if-name>] [<raddr>] [TABLE_source <source>] [TABLE_group <addr> [<g-mfdm>] [<ver>] [<old-host>] [<raddr>] [<static>] [<dynamic>] [TABLE_static_ports <static-if-name>] [TABLE_v2_ports <v2-if-name> [<uptime>] [<expires>] [<gq-missed>]] [TABLE_star_g_ports <star-g-if-name> [<uptime>] [<expires>]] [<g-vpc>] [<rsf>] [<js>] [TABLE_source <source> [<srst>] [<s-mfdm>] [<src-static>] [<src-dynamic>] [TABLE_src_static_ports <src-static-if-name>] [TABLE_src_dynamic [<oifs>] <dyn-if-name> [<src-uptime>] [<src-expires>]] [<s-vpc>]]] [<snoop-enabled>] [<omf-enabled>] [<group-count>] [<s-g-count>] [<total_star_g_count>] [<total_sg_count>] } }
- NEW: show ip igmp snooping [otv | remote] groups [{ <source> [<group>] } | { <group> [<source>] }] [vlan <vlan> | bridge-domain <bdid>] [detail] [summary] [__readonly__ [TABLE_vlan [<vlan-id>] [<rports>] [<rtrPortFlag>] [TABLE_port <if-name>] [TABLE_rtrports <rport-if-name>] [<raddr>] [TABLE_source <source>] [TABLE_group <addr> [<g-mfdm>] [<ver>] [<old-host>] [<raddr>] [<static>] [<dynamic>] [TABLE_static_ports <static-if-name>] [TABLE_v2_ports <v2-if-name> [<uptime>] [<expires>] [<gq-missed>]] [TABLE_star_g_ports <star-g-if-name> [<uptime>] [<expires>]] [<g-vpc>] [<rsf>] [<js>] [TABLE_source <source> [<srst>] [<s-mfdm>] [<src-static>] [<src-dynamic>] [TABLE_src_static_ports <src-static-if-name>] [TABLE_src_dynamic [<oifs>] <dyn-if-name> [<src-uptime>] [<src-expires>]] [<s-vpc>]]] [<snoop-enabled>] [<omf-enabled>] [<group-count>] [<s-g-count>] [<total_star_g_count>] [<total_sg_count>]]] }
- OLD: show ip igmp snooping lookup-mode [vlan <vlan> | bridge-domain <bdid>] [__readonly__ { TABLE_global <configured> <operational> } { TABLE_vlan <vlan-id> <lookup> } }
- NEW: show ip igmp snooping lookup-mode [vlan <vlan> | bridge-domain <bdid>] [__readonly__ [<configured>] [<operational>] [TABLE_vlan [<vlan-id>] [<lookup>]]] }
- OLD: show ip interface { { { brief [include-secondary] } [<interface>] [<ip-addr>] } [operational] [vaddr] [vrf { <vrf-name> | <vrf-known-name> | all } } [__readonly__ [TABLE_intf [<vrf-name-out>] [<intf-name>] [<proto-state>] [<link-state>] [<admin-state>] [<iod>] [<first_unnum_iod>] [<prefix>] [<subnet>] [<masklen>] [TABLE_unnuminf <unnum-child-inf>] [TABLE_secondary_address <prefix1> <subnet1> <masklen1>] [<num-addr>] [<vaddr-client>] [<vaddr-prefix>] [<vaddr-subnet>] [<vaddr-masklen>] [<num-vaddr>] [<unnum-intf>] [<ip-disabled>] [<bcast-addr>] [TABLE_maddr <maddr>] [<num-maddr>] [<mtu>] [<pref>] [<tag>] [<proxy-arp>] [<lcl-proxy-arp>] [<mrouting>] [<icmp-redirect>] [<dir-bcast>] [<ip-unreach>] [<port-unreach>] [<urpf-mode>] [<ip-ls-type>] [<urpf-acl>] [<pbr-in>] [<pbr-out>] [<acl-in>] [<acl-out>] [<stats-last-reset>] [<upkt-sent>] [<upkt-recv>] [<upkt-fwd>] [<upkt-orig>] [<upkt-consumed>] [<ubyte-sent>] [<ubyte-recv>] [<ubyte-fwd>] [<ubyte-orig>] [<ubyte-consumed>] [<mpkt-sent>] [<mpkt-recv>] [<mpkt-fwd>] [<mpkt-orig>] [<mpkt-consumed>] [<mbyte-sent>] [<mbyte-recv>] [<mbyte-fwd>] [<mbyte-orig>] [<mbyte-consumed>] [<bpkt-sent>] [<bpkt-recv>] [<bpkt-fwd>] [<bpkt-orig>] [<bpkt-consumed>] [<bbyte-sent>] [<bbyte-recv>] [<bbyte-fwd>] [<bbyte-orig>] [<bbyte-consumed>] [<lpkt-sent>] [<lpkt-recv>] [<lpkt-fwd>] [<lpkt-orig>] [<lpkt-consumed>] [<lbyte-sent>] [<lbyte-recv>] [<lbyte-fwd>] [<lbyte-orig>] [<lbyte-consumed>]]]] }

- NEW: show ip interface { { { brief [include-secondary] } | [<interface>] | [<ip-addr>] } [operational] [vaddr] [vrf { <vrf-name> | <vrf-known-name> | all } }] [__readonly__ [TABLE_vrf <vrf-name-out>] [TABLE_intf <intf-name> <proto-state> <link-state> <admin-state> <iod> [<first_unnum_iod>] <prefix> <subnet> <masklen> [TABLE_unnuminf <unnum-child-inf>] [TABLE_secondary_address <prefix1> <subnet1> <masklen1>] [<num-addr>] [<vaddr-client>] [<vaddr-prefix>] [<vaddr-subnet>] [<vaddr-masklen>] [<num-vaddr>] [<unnum-intf>] [<ip-disabled>] [<bcast-addr>] [TABLE_maddr <maddr>] [<num-maddr>] [<mtu>] [<pref>] [<tag>] [<proxy-arp>] [<lcl-proxy-arp>] [<mrouting>] [<icmp-redirect>] [<dir-bcast>] [<ip-unreach>] [<port-unreach>] [<urpf-mode>] [<ip-ls-type>] [<urpf-acl>] [<pbr-in>] [<pbr-out>] [<acl-in>] [<acl-out>] [<stats-last-reset>] [<upkt-sent>] [<upkt-recv>] [<upkt-fwd>] [<upkt-orig>] [<upkt-consumed>] [<ubyte-sent>] [<ubyte-recv>] [<ubyte-fwd>] [<ubyte-orig>] [<ubyte-consumed>] [<mpkt-sent>] [<mpkt-recv>] [<mpkt-fwd>] [<mpkt-orig>] [<mpkt-consumed>] [<mbyte-sent>] [<mbyte-recv>] [<mbyte-fwd>] [<mbyte-orig>] [<mbyte-consumed>] [<bpkt-sent>] [<bpkt-recv>] [<bpkt-fwd>] [<bpkt-orig>] [<bpkt-consumed>] [<bbyte-sent>] [<bbyte-recv>] [<bbyte-fwd>] [<bbyte-orig>] [<bbyte-consumed>] [<lpkt-sent>] [<lpkt-recv>] [<lpkt-fwd>] [<lpkt-orig>] [<lpkt-consumed>] [<lbyte-sent>] [<lbyte-recv>] [<lbyte-fwd>] [<lbyte-orig>] [<lbyte-consumed>]]]]
- OLD: show ip load-sharing [__readonly__ { <univer-id-ran-seed> [<l3-msg-load>] [<l34-msg-load>] [<dest-addr-load>] [<src-dst-ip-gre>] [<bad-load>] [<gre-outer-hash>] [<concatenation>] [<rotate>] }]
- NEW: show ip load-sharing [__readonly__ { <univer-id-ran-seed> [<l3-msg-load>] [<l34-msg-load>] [<dest-addr-load>] [<src-dst-ip-gre>] [<bad-load>] [<gre-outer-hash>] [<concatenation>] [<rotate>] [<src-dst-ip-gtput>] }]
- OLD: show ip msdp count [<asn>] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ <out-vrf> <total-cnt> { TABLE_asn <out-asn> <src-cnt> <grp-cnt> }]
- NEW: show ip msdp count [<asn>] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ <out-vrf> <total-cnt> [TABLE_asn <out-asn> <src-cnt> <grp-cnt>]]
- OLD: show ip msdp mesh-group [<mesh-group>] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ <out-vrf> { TABLE_meshgroup <meshgroup-name> { TABLE_peer <peer-ipaddr> <peer-asn> <peer-description> } }]
- NEW: show ip msdp mesh-group [<mesh-group>] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ <out-vrf> [TABLE_meshgroup [<meshgroup-name>] [TABLE_peer [<peer-ipaddr>] [<peer-asn>] [<peer-description>]]]]
- OLD: show ip msdp peer [<peer-address>] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ { TABLE_peer <peer-ipaddr> <out-vrf> <peer-asn> <local-ipaddr> <local-iface> <fully-configured> <peer-description> <connection-status> <state-duration> <peer-listening> <peer-uptime> <peer-password> <peer-ki> <peer-kt> <peer-ri> <peer-rr> <sa-in-policy> <sa-out-policy> <sa-limit> <mesh-name> <last-rcvd> <sa-rcvd> <sa-sent> <sa-req-rcvd> <sa-req-sent> <sa-resp-rcvd> <sa-resp-sent> <out-ctrl-msgs> <in-ctrl-msgs> <out-data-msgs> <in-data-msgs> <sa-ka-rcvd> <sa-ka-sent> <sa-notif-rcvd> <sa-notif-sent> <rem-port> <local-port> }]
- NEW: show ip msdp peer [<peer-address>] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ [TABLE_peer [<peer-ipaddr>] [<out-vrf>] [<peer-asn>] [<local-ipaddr>] [<local-iface>] [<fully-configured>] [<peer-description>] [<connection-status>] [<peer-listening>] [<state-duration>] [<peer-uptime>] [<peer-rr>] [<peer-password>] [<peer-ki>] [<peer-kt>] [<peer-ri>] [<sa-in-policy>] [<sa-out-policy>] [<sa-limit>] [<mesh-name>] [<last-rcvd>] [<sa-rcvd>] [<sa-sent>] [<sa-req-rcvd>] [<sa-req-sent>] [<sa-resp-rcvd>] [<sa-resp-sent>] [<in-ctrl-msgs>]]]]

-][<out-ctrl-msgs>] [<in-data-msgs>] [<out-data-msgs>] [<sa-ka-rcvd>] [<sa-ka-sent>] [<sa-notif-rcvd>] [<sa-notif-sent>] [<rem-port>] [<local-port>] [<rp-failures>] [<cache-lifetime>] [<estb-transitions>] [<conn-attempts>] [<discont-time>]]]]
- OLD: show ip msdp policy statistics sa-policy <peer-address> { in | out } [vrf { <vrf-name> | <vrf-known-name> }] [__readonly__ { TABLE_routemap <name> <action> <seq_num> [{ TABLE_cmd <command> <match_count> <compare_count> }] } <total_accept_count> <total_reject_count>]
 - NEW: show ip msdp policy statistics sa-policy <peer-address> { in | out } [vrf { <vrf-name> | <vrf-known-name> }] [__readonly__ [TABLE_routemap [<name>] [<seq_num>] [<action>] [[TABLE_cmd [<command>] [<match_count>] [<compare_count>]]]] [<total_accept_count>] [<total_reject_count>]]]
 - OLD: show ip msdp sources [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ <out-vrf> { TABLE_source <source-addr> <is-count-ge-limit> <count> <is-limit-valid> <limit> <source-prefix> <violates> }]]
 - NEW: show ip msdp sources [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ [<out-vrf>] [TABLE_source [<source-addr>] [<is-count-ge-limit>] [<count>] [<is-limit-valid>] [<limit>] [<source-prefix>] [<violates>]]]]
 - OLD: show ip msdp summary [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ <out-vrf> <local-asn> <originator-id> <config-peer-count> <estb-peer-count> <shut-peer-count> { TABLE_peer <peer-address> <peer-asn> <peer-state> <peer-uptime> <peer-last-msg> <peer-sa-rcvd> <peer-sa-limit> }]]
 - NEW: show ip msdp summary [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ [<out-vrf>] [<local-asn>] [<originator-id>] [<config-peer-count>] [<estb-peer-count>] [<shut-peer-count>] [TABLE_peer [<peer-address>] [<peer-asn>] [<peer-state>] [<peer-uptime>] [<peer-last-msg>] [<peer-sa-rcvd>] [<peer-sa-limit>]]]]
 - OLD: show ip msdp { sa-cache | route } [{ <source> [<group>] } | { <group> [<source>] }] [<asn>] [peer <peer>] [detail] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ <out-vrf> <total-sa-count> { TABLE_sa <src-addr> <grp-addr> <rp-addr> <out-asn> <peer-addr> <uptime> <expire> }]]
 - NEW: show ip msdp { sa-cache | route } [{ <source> [<group>] } | { <group> [<source>] }] [<asn>] [peer <peer>] [detail] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ [<out-vrf>] [<total-sa-count>] [TABLE_sa [<src-addr>] [<grp-addr>] [<rp-addr>] [<out-asn>] [<peer-addr>] [<uptime>] [<expire>]]]]
 - OLD: show ip nat translations [vrf { <vrf-name> | <vrf-known-name> }] [verbose] [__readonly__ { TABLE_nat_translation [<Protocol>] [<Inside_global_IP_V4_Address>] [<Inside_global_port>] [<Inside_local_IP_V4_Address>] [<Inside_local_port>] [<Outside_local_IP_V4_Address>] [<Outside_local_port>] [<Outside_global_IP_V4_Address>] [<Outside_global_port>] }]]
 - NEW: show ip nat translations [vrf { <vrf-name> | <vrf-known-name> }] [verbose] [__readonly__ { TABLE_nat_translation [<Protocol>] [<Inside_global_IP_V4_Address>] [<Inside_global_port>] [<Inside_local_IP_V4_Address>] [<Inside_local_port>] [<Outside_local_IP_V4_Address>] [<Outside_local_port>] [<Outside_global_IP_V4_Address>] [<Outside_global_port>] [<Flags>] [<In_stats_count>] [<Out_stats_count>] [<Entry_id>] [<State>] [<Group_id>] [<VRF>] [<Time_left>] [<Syn>] [<Fin_rst>] }]]]

- OLD: show ip pim host-proxy
- NEW: show ip pim host-proxy [__readonly__ TABLE_intf <intf-name>]
- OLD: show ip pim interface [<interface>] [brief] [vrf { <vrf-name> | <vrf-known-name> | all }] [internal] [__readonly__ [<is-pim-enabled>] [TABLE_vrf [<out-context>] [TABLE_brief [<if-name>] [<if-addr>] [<if-dr>] [<if-nbr-count>] [<if-is-border>]] [TABLE_iod [<if-name>] [<if-status>] [<cached_if_status>] [<if-addr-summary>] [<pim-dr-address>] [<dr-priority>] [<no-dr-priority>] [<nbr-cnt>] [<hello-interval-sec>] [<hello-interval-msec>] [<hello-timer>] [<holdtime-msec>] [<holdtime-sec>] [<if-conf-dr-priority>] [<if-conf-delay>] [<is-border>] [<genid>] [<isauth-config>] [<nbr-policy-name>] [<jp-in-policy-name>] [<jp-out-policy-name>] [<jp-interval>] [<jp-next-send>] [<pim-bfd-enabled>] [<is-passive>] [<is-pim-vpc-svi>] [<is-auto-enabled>] [<vpc-peer-nbr>] [<last-cleared>] [<hello-sent>] [<hello-rcvd>] [<hello-early-sent>] [<jp-sent>] [<jp-rcvd>] [<assert-sent>] [<assert-rcvd>] [<graft-sent>] [<graft-rcvd>] [<graft-ack-sent>] [<graft-ack-rcvd>] [<df-offer-sent>] [<df-offer-rcvd>] [<df-winner-sent>] [<df-winner-rcvd>] [<df-backoff-sent>] [<df-backoff-rcvd>] [<pass-sent>] [<pass-rcvd>] [<cksum-errors>] [<invalid-errors>] [<invalid-df-errors>] [<auth-failed>] [<pak-len-errors>] [<ver-errors>] [<pkts-self>] [<pkts-non-nbr>] [<pkts-on-passive>] [<jp-rcvd-on-rpf>] [<jp-rcvd-no-rp>] [<jp-rcvd-wrong-rp>] [<jp-rcvd-for-ssm>] [<jp-rcvd-for-bidir>] [<jp-in-policy-filter>] [<jp-out-policy-filter>]]]]
- NEW: show ip pim interface [<interface>] [brief] [vrf { <vrf-name> | <vrf-known-name> | all }] [internal] [__readonly__ [<is-pim-enabled>] [TABLE_vrf [<out-context>] [TABLE_brief [<if-name>] [<if-addr>] [<if-dr>] [<if-nbr-count>] [<if-is-border>]] [TABLE_iod [<if-name>] [<if-status>] [<cached_if_status>] [<if-addr-summary>] [<pim-dr-address>] [<dr-priority>] [<no-dr-priority>] [<nbr-cnt>] [<hello-interval-sec>] [<hello-interval-msec>] [<hello-timer>] [<holdtime-msec>] [<holdtime-sec>] [<if-conf-dr-priority>] [<if-conf-delay>] [<is-border>] [<genid>] [<isauth-config>] [<nbr-policy-name>] [<jp-in-policy-name>] [<jp-out-policy-name>] [<jp-interval>] [<jp-next-send>] [<pim-bfd-enabled>] [<is-passive>] [<is-pim-vpc-svi>] [<is-auto-enabled>] [<vpc-peer-nbr>] [<last-cleared>] [<hello-sent>] [<hello-rcvd>] [<hello-early-sent>] [<jp-sent>] [<jp-rcvd>] [<assert-sent>] [<assert-rcvd>] [<graft-sent>] [<graft-rcvd>] [<graft-ack-sent>] [<graft-ack-rcvd>] [<df-offer-sent>] [<df-offer-rcvd>] [<df-winner-sent>] [<df-winner-rcvd>] [<df-backoff-sent>] [<df-backoff-rcvd>] [<pass-sent>] [<pass-rcvd>] [<cksum-errors>] [<invalid-errors>] [<invalid-df-errors>] [<auth-failed>] [<pak-len-errors>] [<ver-errors>] [<pkts-self>] [<pkts-non-nbr>] [<pkts-on-passive>] [<jp-rcvd-on-rpf>] [<jp-rcvd-no-rp>] [<jp-rcvd-wrong-rp>] [<jp-rcvd-for-ssm>] [<jp-rcvd-for-bidir>] [<jp-in-policy-filter>] [<jp-out-policy-filter>] [<ecmp-redirect-sent>] [<ecmp-redirect-rcvd>]]]]
- OLD: show ip pim mdt receive [detail] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_vrf <out_context> [{ TABLE_entry <csrc> <cgrp> <psrc> <pgrp> <uptime> <expires> <rcv_count> }]]
- NEW: show ip pim mdt receive [detail] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_vrf <out_context> [{ TABLE_entry <csrc> <cgrp> <psrc> <pgrp> <uptime> [<expires>] [<rcv_count> }]]]
- OLD: show ip pim neighbor { [<interface>] [<ipaddr>] } [vrf { <vrf-name> | <vrf-known-name> | all }] [detail | internal] [__readonly__ [TABLE_vrf <out-context> [TABLE_neighbor <nbr-addr><if-name><uptime><expires> [<dr-priority>] <bidir-capable><bfd-state> [<longest-hello-intvl><non-hello-pkts>]]]]
- NEW: show ip pim neighbor { [<interface>] [<ipaddr>] } [vrf { <vrf-name> | <vrf-known-name> | all }] [detail | internal] [__readonly__ [TABLE_vrf <out-context> [TABLE_neighbor

```
<nbr-addr><if-name><uptime><expires> [ <dr-priority> ] <bidir-capable><bfd-state> [
<longest-hello-intvl><non-hello-pkts> ] [ <ecmp-redirect-capable> ] ] ] ]
```

- OLD: show ip pim route [[<source> [<group>]]] [<group> [<source>]]] [bitfield] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ [TABLE_vrf [<context-name>] [<route-count>] [TABLE_one_route [<mcast-addr>] [<rp-addr>] [<rp-local>] [<bidir>] [<sgexpire>] [<sgexpire>] [<timeleft>] [<rp-bit>] [<register>] [<intf-name>] [<rpf-nbr-1>] [<rpf-nbr-addr>] [<intf-name-2>] [<rpf-nbr-2>] [<uptime>] [<is-attached>] [<is-static>] [<zero-nonpim-oifs>] [<is-external>] [<otv-decap>] [<otv-router-mode>] [<data-created>] [<mdt-encap>] [<mdt-decap>] [<vxlan-decap>] [<vxlan-encap>] [<sw-pkts>] [<sw-bytes>] [<hw-pkts>] [<hw-bytes>] [<rpf-src>] [<mrib-rpf-notify>] [<add-pending>] [<aged-route>] [<sg-expiry-cfg>] [<jp-holdtime>] [<route-metric-internal>] [<metric-pref-internal>] [<delay-register-stop>] [<register-stop-rcvd>] [<lisp-src-rloc>] [TABLE_lisp_encap [<encap-src-rloc>] [<encap-dst-rloc>] [<timeout-count>] [<add-pending>] [<del-pending>]] [<oif-count>] [<oif-bf-str>] [<timeout-count>] [<timeout-bf-str>] [<immediate-count>] [<immediate-bf-str>] [<immediate-timeout-count>] [<immediate-timeout-bf-str>] [<sgr-prune-list-count>] [<sgr-prune-list-bf-str>] [<timeout-interval>] [<jp-holdtime-rndup>] [<mdt-encap-index>]]]]]
- NEW: show ip pim route [[<source> [<group>]]] [<group> [<source>]]] [bitfield] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ [TABLE_vrf [<context-name>] [<route-count>] [TABLE_one_route [<mcast-addr>] [<rp-addr>] [<rp-local>] [<bidir>] [<sgexpire>] [<sgexpire>] [<timeleft>] [<rp-bit>] [<register>] [<intf-name>] [<rpf-nbr-1>] [<rpf-nbr-addr>] [<intf-name-2>] [<rpf-nbr-2>] [<uptime>] [<is-attached>] [<is-static>] [<zero-nonpim-oifs>] [<is-external>] [<otv-decap>] [<otv-router-mode>] [<non-dr-oifs-only>] [<data-created>] [<mdt-encap>] [<mdt-decap>] [<vxlan-decap>] [<vxlan-encap>] [<sw-pkts>] [<sw-bytes>] [<hw-pkts>] [<hw-bytes>] [<rpf-src>] [<mrib-rpf-notify>] [<add-pending>] [<aged-route>] [<sg-expiry-cfg>] [<jp-holdtime>] [<route-metric-internal>] [<metric-pref-internal>] [<delay-register-stop>] [<register-stop-rcvd>] [<lisp-src-rloc>] [TABLE_lisp_encap [<encap-src-rloc>] [<encap-dst-rloc>] [<timeout-count>] [<add-pending>] [<del-pending>]] [<oif-count>] [<oif-bf-str>] [<timeout-count>] [<timeout-bf-str>] [<immediate-count>] [<immediate-bf-str>] [<immediate-timeout-count>] [<immediate-timeout-bf-str>] [<sgr-prune-list-count>] [<sgr-prune-list-bf-str>] [<timeout-interval>] [<jp-holdtime-rndup>] [<mdt-encap-index>]]]]]
- OLD: show ip rip [instance <inst>] policy statistics redistribute { bgp <as> | { eigrp | isis | <src-rip> | ospf } <tag> | direct | static } [vrf { <vrf-name> | <vrf-known-name> | all }]
- NEW: show ip rip [instance <inst>] policy statistics redistribute { bgp <as> | { eigrp | isis | <src-rip> | ospf } <tag> | direct | static } [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_asn <asn> TABLE_vrf <vrf> { TABLE_rmap <name> <action> <seq_num> [{ TABLE_cmd <command> <compare_count> <match_count> }] } <total_accept_count> <total_reject_count>]
- OLD: show ip sla application [__readonly__ <version> <line-length> <type-name> <feature-name> <lowmemorymark> <max-entries> <probe-cap> <entries-config> <entries-active> <entries-pending> <entries-inactive> <last-change-time> <rttMonApplTimeOfLastSet> <rttMonApplReset>]
- NEW: show ip sla application [__readonly__ <version> [<line-length>] <type-name> <feature-name> <lowmemorymark> <max-entries> <probe-cap> <entries-config> <entries-active> <entries-pending> <entries-inactive> <last-change-time> <rttMonApplReset>]
- OLD: show ip sla configuration [<entry-num>] [__readonly__ { TABLE_oper <index> <oper-type> <owner> <tag> <threshold> <timeout> <dest-ip> <source-ip> <dest-port> <source-port> <dns-source-port> <dns-name-server> <traffic-class> <flow-label> <tos> <vrf-name> <source-int> } {

- TABLE_control <control-enabled> } { TABLE_udpecho <packet-size> <verify-data> <data-pattern> } { TABLE_icmpecho <packet-size> <verify-data> } { TABLE_dns } { TABLE_fabricpath <profile-id> <switch-id> <interface> } { TABLE_udpjitter <packet-size> <packet-interval> <num-packets> <codec-type> <codec-num-packets> <codec-packet-size> <codec-packet-interval> <codec-adv-factor> <verify-data> <packet-priority> <ntp-sync-tolerance> <ntp-sync-toltype> } { TABLE_http <http-oper> <http-version> <url> <proxy> <raw-strings> <cache-control> } { TABLE_schedule <frequency> <secondary-freq-timeout> <secondary-freq-loss> <next-start-time> <group-scheduled> <randomly-scheduled> <low-frequency> <high-frequency> <life> <ageout> <recurring> <status-of-entry> } { TABLE_diststats <hours> <buckets> <precision> <interval> } { TABLE_enhhistory <interval> <ebuckets> } { TABLE_history-stats <lives> <hsbuckets> <filter> } }
- NEW: show ip sla configuration [<entry-num>] [__readonly__ { TABLE_configuration [<index>] [<owner>] [<tag>] [<timeout>] [<oper-type>] [<dest-ip>] [<source-int>] [<source-ip>] [<dest-port>] [<source-port>] [<dns-source-port>] [<traffic-class>] [<tos>] [<dns-name-server>] [<flow-label>] [<data-pattern>] [<switch-id>] [<profile-id>] [<interface>] [<packet-size>] [<packet-interval>] [<num-packets>] [<codec-type>] [<codec-num-packets>] [<codec-packet-size>] [<codec-packet-interval>] [<codec-adv-factor>] [<verify-data>] [<precision>] [<packet-priority>] [<ntp-sync-tolerance>] [<ntp-sync-toltype>] [<vrf-name>] [<control-enabled>] [<http-oper>] [<http-version>] [<url>] [<proxy>] [<raw-strings>] [<cache-control>] [<http-vrf-name>] [<http-owner>] [<http-tag>] [<http-timeout>] [<frequency>] [<secondary-freq-timeout>] [<secondary-freq-loss>] [<next-start-time>] [<group-scheduled>] [<randomly-scheduled>] [<low-frequency>] [<high-frequency>] [<life>] [<ageout>] [<recurring>] [<status-of-entry>] [<threshold>] [<hours>] [<buckets>] [<interval>] [<einterval>] [<ebuckets>] [<lives>] [<hsbuckets>] [<filter>] }] }
 - OLD: show ip sla enhanced-history collection-statistics [<operation-number> [interval <interval-in-secs>]] [__readonly__ <index> { TABLE_generic <outstring> } }
 - NEW: show ip sla enhanced-history collection-statistics [<operation-number> [interval <interval-in-secs>]] [__readonly__ [{ TABLE_generic [<entry-num>] [<aggregate-interval>] [{ TABLE_bkt [<bkt-index>] [<agg-sti>] [<tgt-addr>] [<oper-type>] [<nofod>] [<nofot>] [<nofob>] [<nofonc>] [<nofoie>] [<nofose>] [<nofove>] [<ntp-state>] [<icpif>] [<mos-score>] [<rtt-values>] [<num-rtt>] [<rtt-avg>] [<rtt-min>] [<rtt-max>] [<rtt-sum>] [<rtt-sum2>] [<num-out-sync-rtt>] [<plsd>] [<plds>] [<pos>] [<pl-mia>] [<pla>] [<int-err>] [<busies>] [<pkt-skipped>] [<jitter-value-precision>] [<min-pos-sd>] [<max-pos-sd>] [<num-pos-sd>] [<sum-pos-sd>] [<sum2-pos-sd>] [<min-neg-sd>] [<max-neg-sd>] [<num-neg-sd>] [<sum-neg-sd>] [<sum2-neg-sd>] [<min-pos-ds>] [<max-pos-ds>] [<num-pos-ds>] [<sum-pos-ds>] [<sum2-pos-ds>] [<min-neg-ds>] [<max-neg-ds>] [<num-neg-ds>] [<sum-neg-ds>] [<sum2-neg-ds>] [<jitter-avg>] [<jitter-sd-avg>] [<jitter-ds-avg>] [<inter-jit-out>] [<inter-jit-in>] [<ow-precision>] [<num-ow>] [<ow-min-sd>] [<ow-max-sd>] [<ow-sum-sd>] [<ow-sum2-sd>] [<ow-min-ds>] [<ow-max-ds>] [<ow-sum-ds>] [<ow-sum2-ds>] [<avg-ow-sd>] [<avg-ow-ds>] }] [<outstring>] }] }
 - OLD: show ip sla enhanced-history distribution-statistics [<operation-number> [interval <interval-in-secs>]] [__readonly__ <index> { TABLE_generic <outstring> }] }
 - NEW: show ip sla enhanced-history distribution-statistics [<operation-number> [interval <interval-in-secs>]] [__readonly__ [<hdr>] [{ TABLE_generic [<col1>] [<col2>] [<col3>] }]] }
 - OLD: show ip sla group schedule [<group-operation-number>] [__readonly__ <entry-number> <probe-list> <num-probes> <sched-period> <mode> <low-freq> <high-freq> <freq> <snmp-status> <next-start-time> <life> <ageout>] }

- NEW: show ip sla group schedule [<group-operation-number>] [__readonly__ [<entry-number>] [<probe-list>] [<num-probes>] [<sched-period>] [<mode>] [<low-freq>] [<high-freq>] [<freq>] [<snmp-status>] [<next-start-time>] [<life>] [<ageout>]]
- OLD: show ip sla history [<operation-number>] [tabular | full | interval-statistics] [__readonly__ <index> { TABLE_generic <outstring> }]
- NEW: show ip sla history [<operation-number>] [tabular | full | interval-statistics] [__readonly__ [<outstring>] [{ TABLE_generic [<index>] [<life-index>] [<bucket-index>] [<coll>] [<addr>] [<dest-id>] [<nsr>] [<st>] [<latest-rtt>] [<latest-ret-code>] [<col2>] }] [<error>]]
- OLD: show ip sla reaction-configuration [<entry-num>] [__readonly__ <entry-number> <index> <reaction> <threshold-type> <rising-value> <falling-value> <threshold-countX> <threshold-countY> <action-type> <unconfigured>]
- NEW: show ip sla reaction-configuration [<entry-num>] [__readonly__ [{ TABLE_reaction <entry-number> [<index>] [<reaction>] [<threshold-type>] [<rising-value>] [<falling-value>] [<threshold-countX>] [<threshold-countY>] [<action-type>] [<unconfigured>] }]]
- OLD: show ip sla reaction-trigger [<entry-num>] [__readonly__ <entry-number> <target-entry> <snmp-status> <operational-state> <unconfigured>]
- NEW: show ip sla reaction-trigger [<entry-num>] [__readonly__ [{ TABLE_trigger <entry-number> [<index>] [<target-entry>] [<snmp-status>] [<operational-state>] [<unconfigured>] }]]
- OLD: show ip sla responder [__readonly__ <gen-enabled> <rttMonApplResponder> <perm-enabled> <ctrl-msg-count> <errors> { TABLE_recent <print-recent-hdr> <print-recent-err-hdr> <recent-addr> <recent-time> <recent-error> } { TABLE_permanent <print-tcp-hdr> <print-udp-hdr> <address> <port> }]
- NEW: show ip sla responder [__readonly__ <rttMonApplResponder> <gen-enabled> [<ctrl-msg-count>] [<errors>] [{ TABLE_recent [<print-recent-hdr>] [<print-recent-err-hdr>] [<recent-addr>] [<recent-time>] [<recent-error>] }] <perm-enabled> [{ TABLE_permanent_udp [<print-udp-hdr>] [<address>] [<port>] }] [{ TABLE_permanent_tcp [<print-tcp-hdr>] [<address>] [<port>] }]]
- OLD: show ip sla statistics [aggregated] [<entry-num>] [details] [__readonly__ <index> { TABLE_common <update-count> <latest-RTT> <latest-start-time> <latest-return-code> <micro-accuracy> <nano-accuracy> <http-dns-rtt> <http-tcp-rtt> <http-ttfb> <http-rtt> <http-status> <http-recvlen> <http-bodysize> <http-dns-timeout> <http-tcp-timeout> <http-t-timeout> <http-dns-error> <http-tcp-error> <http-t-error> } { TABLE_schedule <life-left> <oper-state> <reset-time> } { TABLE_jitter <operation-type> <ntp-sync-state> <rtt-count> <rtt-min> <rtt-avg> <rtt-max> <lat-ow-samples> <sd-lat-sum> <sd-lat-sum2> <sd-lat-ow-min> <sd-lat-ow-avg> <sd-lat-ow-max> <ds-lat-sum> <ds-lat-sum2> <ds-lat-ow-min> <ds-lat-ow-avg> <ds-lat-ow-max> <sd-jitter-count> <ds-jitter-count> <sd-jitter-min> <sd-jitter-avg> <sd-jitter-max> <sd-pos-jitter-min> <sd-pos-jitter-avg> <sd-pos-jitter-max> <sd-pos-jitter-num> <sd-pos-jitter-sum> <sd-pos-jitter-sum2> <sd-neg-jitter-min> <sd-neg-jitter-avg> <sd-neg-jitter-max> <sd-neg-jitter-num> <sd-neg-jitter-sum> <sd-neg-jitter-sum2> <ds-jitter-min> <ds-jitter-avg> <ds-jitter-max> <ds-pos-jitter-min> <ds-pos-jitter-avg> <ds-pos-jitter-max> <ds-pos-jitter-num> <ds-pos-jitter-sum> <ds-pos-jitter-sum2> <ds-neg-jitter-min> <ds-neg-jitter-avg> <ds-neg-jitter-max> <ds-neg-jitter-num> <ds-neg-jitter-sum> <ds-neg-jitter-sum2> <pkt-unprocessed> <pkt-loss> <pkt-loss-per> <pkt-loss-min> <pkt-loss-max> <pkt-loss-inter-min> <pkt-loss-inter-max> <pkt-loss-sd> <pkt-loss-sd-per> <pkt-loss-sd-min> <pkt-loss-sd-max> <pkt-loss-sd-inter-min> <pkt-loss-sd-inter-max> <pkt-loss-ds> <pkt-loss-ds-per> <pkt-loss-ds-min> <pkt-loss-ds-max> <pkt-loss-ds-inter-min> <pkt-loss-ds-inter-max> <pkt-oos> <pkt-oos-sd> <pkt-oos-ds> <pkt-oos-both> }

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<route-paths-backup-out> [TABLE_sum_best_route <route-sum-lvl-out> <route-sum-total-out> [
<route-sum-direct-out>] [<route-sum-normal-out>] [<route-sum-missing-out>]] [
<route-best-pend-num-out>] <route-bestpaths-out> [TABLE_sum_best_path <route-path-sum-lvl-out>
<route-path-sum-total-out> [<route-path-sum-direct-out>] [<route-path-sum-normal-out>]]
<route-backuppaths-out> [TABLE_sum_backup_path <backup-path-sum-lvl-out>
<backup-path-sum-total-out> [<backup-path-sum-direct-out>] [<backup-path-sum-normal-out>]]
<route-bestroutes-per-mask-out> [TABLE_best_mask <route-best-mask-val-out>
<route-best-mask-count-out>] [<route-pend-q-count-out>]] } } }

```
- NEW: show isis [ <isis-tag> ] [ vrf { <vrf-name> | <vrf-known-name> | all } ] [ ip ] route [ summary | detail | private | <ip-addr> [ detail | private ] | <ip-prefix> [ detail | private | longer-prefixes [ summary | detail | private ] ] ] [ vrf { <vrf-name> | <vrf-known-name> | all } ] [ \_\_readonly\_\_ { TABLE\_process\_tag <process-tag-out> { TABLE\_vrf <vrf-name-out> <afi-safi-out> [ TABLE\_prefix [ <route-prefix-out> <route-mask-len-out> <route-level-out> ] [ <route-sum-discard-addr-out> <route-sum-discard-mask-len-out> ] [ <route-discard-addr-out> <route-discard-mask-len-out> ] [ <route-addr-print-out> <route-mask-len-print-out> <route-direct-print-out> ] [ TABLE\_direct\_path [ <route-direct-out> <route-direct-via-out> <route-direct-if-name-out> <route-direct-metric-out> <route-direct-level-out> ] [ <route-direct-instance-out> ] ] [ TABLE\_best\_path [ <route-no-def-prefix-out> ] [ <route-def-prefix-out> ] <route-addr-valid-out> <route-marker-out> <route-ifname-out> <route-metric-out> <route-pref-out> [ <route-instance-out> ] ] [ <route-discard-mask-out> ] [ [ <route-sum-prefix-out> <route-sum-prefix-len-out> ] <route-total-out> <route-paths-total-out> <route-paths-best-out> <route-paths-backup-out> [ TABLE\_sum\_best\_route <route-sum-lvl-out> <route-sum-total-out> [ <route-sum-direct-out> ] [ <route-sum-normal-out> ] [ <route-sum-missing-out> ] ] [ <route-best-pend-num-out> ] <route-bestpaths-out> [ TABLE\_sum\_best\_path <route-path-sum-lvl-out> <route-path-sum-total-out> [ <route-path-sum-direct-out> ] [ <route-path-sum-normal-out> ] ] <route-backuppaths-out> [ TABLE\_sum\_backup\_path <backup-path-sum-lvl-out> <backup-path-sum-total-out> [ <backup-path-sum-direct-out> ] [ <backup-path-sum-normal-out> ] ] <route-bestroutes-per-mask-out> [ TABLE\_best\_mask <route-best-mask-val-out> <route-best-mask-count-out> ] [ <route-pend-q-count-out> ] ] ] } } }
  - OLD: show isis [ <isis-tag> ] [ vrf { <vrf-name> | <vrf-known-name> | all } ] [ process | protocol ] [ vrf { <vrf-name> | <vrf-known-name> | all } ] [ \_\_readonly\_\_ TABLE\_process\_tag <process-tag-out> <instance\_num> <uuid> <process-id> <vrf-name-out> <system-id-out> <is-type-out> <sap-out> <qh-out> <mtu-out> [ <gr-status-out> ] [ <gr-state-active-out> ] [ <gr-state-inactive-out> ] [ <last-gr-status-fail-out> ] [ <last-gr-status-success-out> ] [ <last-gr-status-none-out> ] [ <gr-status-disable-out> ] [ TABLE\_afi\_safi <af-ix> <af-bfd-config> <af-pib-tag> ] <metric-style> <accept-metric> [ <net-set-none> ] [ TABLE\_area\_addr <area-addr-nsap> ] [ <proc-state-not-config> ] [ <proc-state-admin-down> ] [ <proc-state-l3vm-down> ] [ <proc-state-unknown-down> ] [ <proc-state-not-specified> ] [ <proc-state-no-net> ] [ <proc-state-no-vrf-id> ] [ <proc-state-out-memory> ] [ <proc-state-restart> ] [ <proc-state-running> ] <vrf-id-out> [ TABLE\_te <te-lvl-out> <te-lvl-active> ] [ <te-ted-out> ] [ <mpls-te-out> ] [ TABLE\_mpls\_te [ <mpls-te-lvl-out> ] [ <mpls-te-rtrid-intf-out> ] [ <mpls-te-fa-lvl-out> ] [ TABLE\_te\_fa <te-fa-sysid-out> <te-fa-intf-out> ] ] [ <te-stat-sys-id-out> ] [ <te-stat-rtr-id-out> ] [ TABLE\_te\_stat\_lvl <te-stat-lvl-out> <te-stat-up-out> <te-stat-down-out> ] [ TABLE\_segment\_routing <af-out> <cfg-out> <ptag-out> ] [ TABLE\_iib\_list yeild <intf-name-out> ] [ TABLE\_auth <auth-lvl-out> [ <auth-type-no-type> ] [ <auth-type-clear-text> ] [ <auth-type-md5> ] [ <auth-type-key-chain> ] [ <auth-type-none> ] [ <auth-check> ] [ <auth-no-check> ] ] [ TABLE\_spf <spf-lvl-out> [ <spf-timer> ] ] ]
  - NEW: show isis [ <isis-tag> ] [ vrf { <vrf-name> | <vrf-known-name> | all } ] [ process | protocol ] [ vrf { <vrf-name> | <vrf-known-name> | all } ] [ \_\_readonly\_\_ TABLE\_process\_tag <process-tag-out> <instance\_num> <uuid> <process-id> <vrf-name-out> <system-id-out> <is-type-out> <sap-out> <qh-out> <mtu-out> [ <gr-status-out> ] [ <gr-state-active-out> ] [ <gr-state-inactive-out> ] [ <last-gr-status-fail-out>

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][ <last-gr-status-success-out> ][ <last-gr-status-none-out> ][ <gr-status-disable-out> ][ TABLE_afi_safi
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TABLE_area_addr <area-addr-nsap> ] [ <proc-state-not-config> ] [ <proc-state-admin-down> ] [
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- OLD: show isis [<isis-tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] adjacency [<interface> [p2p-level-1-2]] { [system-id <sid>] [detail] [summary] } [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ { TABLE_process_tag <process-tag-out> { TABLE_vrf <vrf-name-out> <adj-summary-out> <adj-interface-out> [<adj-interface-name-out>] [{ TABLE_process_adj <adj-sys-name-out> <adj-sys-id-out> [<adj-usage-out>] [<adj-level-out>] <adj-state-out> <adj-hold-time-out> <adj-intf-name-out> <adj-detail-set-out> [{ <adj-transitions-out> <adj-flap-out> [<adj-flap-time-out>] <adj-ckt-type-out> <adj-ipv4-addr-out> <adj-ipv6-addr-out> <adj-bcast-out> [{ <adj-ckt-id-out> <adj-lan-prio-out> }] <adj-bfd-ipv4-establish-out> <adj-bfd-ipv6-establish-out> <adj-resurrect-out> [{ <adj-resurrect-count-out> <adj-resurrect-hwm-out> }] <adj-restart-capable-out> <adj-restart-ack-out> [{ <adj-restart-mode-out> <adj-restart-adj-seen-ra-out> <adj-restart-adj-seen-csnp-out> <adj-restart-adj-seen-l1-csnp-out> <adj-restart-adj-seen-l2-csnp-out> <adj-restart-suppress-adj-out> }] }] [{ TABLE_p2p_adj_sum <adj-summ-p2p-level-out> <adj-summ-p2p-state-out> <adj-summ-p2p-count-out> }] [{ TABLE_lan_adj_sum <adj-summ-lan-level-out> <adj-summ-lan-state-out> <adj-summ-lan-count-out> }] } }]
 - NEW: show isis [<isis-tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] adjacency [<interface> [p2p-level-1-2]] { [system-id <sid>] [detail] [summary] } [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ { TABLE_process_tag <process-tag-out> { TABLE_vrf <vrf-name-out> <adj-summary-out> <adj-interface-out> [<adj-interface-name-out>] [{ TABLE_process_adj <adj-sys-name-out> <adj-sys-id-out> [<adj-usage-out>] [<adj-level-out>] <adj-state-out> <adj-hold-time-out> <adj-intf-name-out> <adj-detail-set-out> [{ <adj-transitions-out> <adj-flap-out> [<adj-flap-time-out>] <adj-ckt-type-out> <adj-ipv4-addr-out> <adj-ipv6-addr-out> <adj-bcast-out> [{ <adj-ckt-id-out> <adj-lan-prio-out> }] <adj-bfd-ipv4-establish-out> <adj-bfd-ipv6-establish-out> <adj-resurrect-out> [{ <adj-resurrect-count-out> <adj-resurrect-hwm-out> }] <adj-restart-capable-out> <adj-restart-ack-out> [{ <adj-restart-mode-out> <adj-restart-adj-seen-ra-out> <adj-restart-adj-seen-csnp-out> <adj-restart-adj-seen-l1-csnp-out> <adj-restart-adj-seen-l2-csnp-out> <adj-restart-suppress-adj-out> }] [{ TABLE_adj_sid <adj-sid-value> <adj-sid-f-flag> <adj-sid-b-flag> <adj-sid-v-flag> <adj-sid-l-flag> <adj-sid-s-flag> <adj-sid-p-flag> <adj-sid-weight> }] }] [{ TABLE_p2p_adj_sum <adj-summ-p2p-level-out> <adj-summ-p2p-state-out> <adj-summ-p2p-count-out> }] [{ TABLE_lan_adj_sum <adj-summ-lan-level-out> <adj-summ-lan-state-out> <adj-summ-lan-count-out> }] } }]
 - OLD: show isis [<isis-tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] database [<level>] [detail | advertise | summary] [<lid>] [{ zero-sequence } [ip prefix <ip-prefix>] [ipv6 prefix <ipv6-prefix>] [router-id <rid>] [adjacency <adj-id>] } [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ { TABLE_process_tag <process-tag-out> { TABLE_vrf <vrf-name-out> [<dbase-hname-absent-out>] [{ TABLE_process_lvl <dbase-level-out> [{ TABLE_process_lsp <dbase-lsp-name-out> <dbase-lsp-status-out> <dbase-lsp-absent-out> [{ <dbase-lsp-seqnum-out>

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- NEW: show isis [<isis-tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] database [<level>] [detail | advertise | summary] [<lid>] [{ zero-sequence } | [ip prefix <ip-prefix>] | [ipv6 prefix <ipv6-prefix>]] [router-id <rid>] [adjacency <adj-id>] } [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ { TABLE_process_tag <process-tag-out> { TABLE_vrf <vrf-name-out> [<dbase-hname-absent-out>] [{ TABLE_process_lv1 <dbase-level-out> [{ TABLE_process_lsp <dbase-lsp-name-out> <dbase-lsp-status-out> <dbase-lsp-absent-out> [{ <dbase-lsp-seqnum-out> <dbase-lsp-cksum-out> [<dbase-lsp-lifetime-str-out>] [<dbase-lsp-lifetime-out>] <dbase-att-out> <dbase-partition-out> <dbase-overload-out> <dbase-istype-out> }] [{ <dbase-lsp-instance-out> [{ TABLE_process_tlv <dbase-lsp-tlv-name-out> [<dbase-lsp-area-addr-out>] [<dbase-lsp-is-nbr-name-out>] [<dbase-lsp-is-nbr-metric-out>] [<dbase-lsp-is-nbr-ext-metric-out>] [<dbase-lsp-es-nbr-name-out>] [<dbase-lsp-es-nbr-metric-out>] [<dbase-lsp-es-nbr-ext-metric-out>] [<dbase-lsp-auth-type-out>] [<dbase-lsp-auth-len-out>] [<dbase-lsp-ext-is-name-out>] [<dbase-lsp-ext-is-metric-out>] [<dbase-lsp-ip-ri-addr-out>] [<dbase-lsp-ip-ri-mask-out>] [<dbase-lsp-ip-ri-metric-out>] [<dbase-lsp-ip-ri-ext-metric-out>] [<dbase-lsp-ip-ri-up-down-out>] [<dbase-lsp-cap-rtid>] [<dbase-lsp-cap-flags>] [{ TABLE_process_nlpid <dbase-lsp-prot-support-out> }] [<dbase-lsp-ip-addr-out>] [<dbase-lsp-ipv6-addr-out>] [{ TABLE_process_extip <dbase-lsp-extip-addr-out> <dbase-lsp-extip-prefix-len-out> <dbase-lsp-extip-metric-out> <dbase-lsp-extip-up-down-out> [<dbase-lsp-extip-pfxsid>] [<dbase-lsp-extip-pfxsid-flags>] [<dbase-lsp-extip-unknown-out> }]] [<dbase-lsp-hname-out>] [<dbase-lsp-hname-len-out>] [{ TABLE_process_extipv6 <dbase-lsp-extipv6-addr-out> <dbase-lsp-extipv6-prefix-len-out> <dbase-lsp-extipv6-metric-out> <dbase-lsp-extipv6-up-down-out> <dbase-lsp-extipv6-ext-origin-out> [<dbase-lsp-extipv6-pfxsid>] [<dbase-lsp-extipv6-pfxsid-flags>] [<dbase-lsp-extipv6-unknown-out> }] }] [{ TABLE_process_subtlv <dbase-lsp-subtlv-name-out> [<dbase-lsp-extis-admin-group-out>] [<dbase-lsp-subtlv-ip-addr-out>] [<dbase-lsp-extis-bw-out>] [<dbase-lsp-extis-pri1-out>] [<dbase-lsp-extis-pri1-val-out>] [<dbase-lsp-extis-pri2-out>] [<dbase-lsp-extis-pri2-val-out>] [<dbase-lsp-extis-te-metric-out>] [<dbase-lsp-extis-p2p-adjsid-out>] [<dbase-lsp-extis-p2p-adjsid-flags>] [<dbase-lsp-extis-p2p-adjsid-weight>] [<dbase-lsp-extis-lan-adjsid-out>] [<dbase-lsp-extis-lan-adjsid-sysid>] [<dbase-lsp-extis-lan-adjsid-flags>] [<dbase-lsp-extis-lan-adjsid-weight>] [<dbase-lsp-cap-subtlv-sr-start-sid>] [<dbase-lsp-cap-subtlv-sr-end-sid>] [<dbase-lsp-cap-subtlv-sr-range>] [<dbase-lsp-cap-subtlv-sr-flags>] [<dbase-lsp-subtlv-len-out>] [<dbase-lsp-subtlv-unknown-out> }] }] [<dbase-lsp-tlv-len-out>] [

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<dbase-lsp-tlv-unknown-out> } } ] <dbase-lsp-digest-out> } } ] [ { <dbase-lsp-total-out> [ {
<dbase-lsp-empty-out> <dbase-lsp-zeroseq-out> } } ] } } ] }
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- OLD: show isis [<isis-tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] ipv6 route [topology { [base] | mt-ipv6 }] [summary | detail | <ipv6-addr> [detail] | <ipv6-prefix> [detail | longer-prefixes [summary | detail]]] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ { TABLE_process_tag <process-tag-out> { TABLE_vrf <vrf-name-out> <afi-safi-out> [TABLE_prefix [<route-prefix-out> <route-mask-len-out> <route-level-out>] [<route-summ-discard-addr-out> <route-summ-discard-mask-len-out>] [<route-discard-addr-out> <route-discard-mask-len-out>] [<route-addr-print-out> <route-mask-len-print-out> <route-direct-print-out>] [TABLE_direct_path [<route-direct-out> <route-direct-via-out> <route-direct-if-name-out> <route-direct-metric-out> <route-direct-level-out>] [<route-direct-instance-out>]] [TABLE_best_path [<route-no-def-prefix-out>] [<route-def-prefix-out>] <route-addr-valid-out> <route-marker-out> <route-ifname-out> <route-metric-out> <route-pref-out> [<route-instance-out>]] [<route-discard-mask-out>] [[<route-sum-prefix-out> <route-sum-prefix-len-out>] <route-total-out> <route-paths-total-out> <route-paths-best-out> <route-paths-backup-out> [TABLE_sum_best_route <route-sum-lvl-out> <route-sum-total-out> [<route-sum-direct-out>] [<route-sum-normal-out>] [<route-sum-missing-out>]] [<route-best-pend-num-out>] <route-bestpaths-out> [TABLE_sum_best_path <route-path-sum-lvl-out> <route-path-sum-total-out> [<route-path-sum-direct-out>] [<route-path-sum-normal-out>]] <route-backuppaths-out> [TABLE_sum_backup_path <backup-path-sum-lvl-out> <backup-path-sum-total-out> [<backup-path-sum-direct-out>] [<backup-path-sum-normal-out>]] <route-bestroutes-per-mask-out> [TABLE_best_mask <route-best-mask-val-out> <route-best-mask-count-out>] [<route-pend-q-count-out>]]] } }] }
- NEW: show isis [<isis-tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] ipv6 route [topology { [base] | mt-ipv6 }] [summary | detail | private | <ipv6-addr> [detail | private] | <ipv6-prefix> [detail | private | longer-prefixes [summary | detail | private]]] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ { TABLE_process_tag <process-tag-out> { TABLE_vrf <vrf-name-out> <afi-safi-out> [TABLE_prefix [<route-prefix-out> <route-mask-len-out> <route-level-out>] [<route-summ-discard-addr-out> <route-summ-discard-mask-len-out>] [<route-discard-addr-out> <route-discard-mask-len-out>] [<route-addr-print-out> <route-mask-len-print-out> <route-direct-print-out>] [TABLE_direct_path [<route-direct-out> <route-direct-via-out> <route-direct-if-name-out> <route-direct-metric-out> <route-direct-level-out>] [<route-direct-instance-out>]] [TABLE_best_path [<route-no-def-prefix-out>] [<route-def-prefix-out>] <route-addr-valid-out> <route-marker-out> <route-ifname-out> <route-metric-out> <route-pref-out> [<route-instance-out>]] [<route-discard-mask-out>] [[<route-sum-prefix-out> <route-sum-prefix-len-out>] <route-total-out> <route-paths-total-out> <route-paths-best-out> <route-paths-backup-out> [TABLE_sum_best_route <route-sum-lvl-out> <route-sum-total-out> [<route-sum-direct-out>] [<route-sum-normal-out>] [<route-sum-missing-out>]] [<route-best-pend-num-out>] <route-bestpaths-out> [TABLE_sum_best_path <route-path-sum-lvl-out> <route-path-sum-total-out> [<route-path-sum-direct-out>] [<route-path-sum-normal-out>]] <route-backuppaths-out> [TABLE_sum_backup_path <backup-path-sum-lvl-out> <backup-path-sum-total-out> [<backup-path-sum-direct-out>] [<backup-path-sum-normal-out>]] <route-bestroutes-per-mask-out> [TABLE_best_mask <route-best-mask-val-out> <route-best-mask-count-out>] [<route-pend-q-count-out>]]] } }] }
- OLD: show isis [<isis-tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] { hostname | hostname-table } [detail] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ <tag-out> TABLE_vrf <vrf-name-out> <hname-enabled-out> <hname-detail-out> <hname-level-out> <hname-id-out> <hname-id-mine-out> <hname-name-out>]

- NEW: show isis [<isis-tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] { hostname | hostname-table } [detail] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_vrf <vrf-name-out> <tag-out> <hname-enabled-out> <hname-detail-out> [TABLE_hostname <hname-id-out> <hname-level-out> <hname-id-mine-out> <hname-name-out>]]
- OLD: show ldap-search-map [__readonly__ { number_of_search_maps <search_map_count> } { TABLE_ldap_searchmaps <map_name> [<map_baseDN> <map_attr> <map_filter>] }]
- NEW: show ldap-search-map [__readonly__ { number_of_search_maps <search_map_count> } [TABLE_ldap_searchmaps <map_name> [<map_baseDN> <map_attr> <map_filter>]]]
- OLD: show license usage [{ detail | <license-feature> }] [__readonly__ { TABLE_show_lic_usage <feature_name> <lic_installed> <count> <status> <expiry_date> <comments> } <application_name>]
- NEW: show license usage [{ detail | <license-feature> }] [__readonly__ { [[TABLE_show_lic_usage { <feature_name> <lic_installed> <count> <status> <expiry_date> <comments> }] [<application_name>]] }]]
- OLD: show macsec mka [summary] [__readonly__ { TABLE_mka_summary <ifname> <status> <cipher> <keyserver> <policy> <keychain> }]
- NEW: show macsec mka [summary] [__readonly__ { TABLE_mka_summary <ifname> <status> <cipher> <keyserver> <policy> <keychain> <fallback_keychain> }]
- OLD: show macsec mka session [interface <ifname>] [details] [__readonly__ [TABLE_mka_session <ifname> <sci> <peers> <status> <keyserver>] [<sessions> <active_sessions> <pending_sessions>] [TABLE_mka_session_details <ifname> <status> <sci> <ssci> <port_id> <ckn> <mi> <mn> <policy> <ks_prio> <keyserver> <cipher> <cipher_operational> <window> <conf_offset> <conf_offset_operational> <sak_status> <sak_an> <sak_ki> <sak_kn> <last_sak_rekey_time>]]
- NEW: show macsec mka session [interface <ifname>] [details] [__readonly__ [TABLE_mka_session <ifname> <sci> <peers> <status> <keyserver> <ca_auth_mode>] [<sessions> <active_sessions> <pending_sessions>] [TABLE_mka_session_details <ifname> <status> <sci> <ssci> <port_id> <ckn> <ca_auth_mode> <mi> <mn> <policy> <ks_prio> <keyserver> <cipher> <cipher_operational> <window> <conf_offset> <conf_offset_operational> <sak_status> <sak_an> <sak_ki> <sak_kn> <last_sak_rekey_time> <peer_count> [TABLE_mka_peer_status <peer_mi> <rxsci> <icv_status> <last_rx_time>] [TABLE_mka_fallback <fallback_ckn> <fallback_mi> <fallback_mn> [TABLE_mka_fallback_peer <fallback_peer_mi> <fallback_rxsci> <fallback_icv_status> <fallback_last_rx_time>]]]]]
- OLD: show mpls switching [labels <label> [<max-label>]] interface <intf> | { <ip-addr> | <ipv4-prefix> } [vrf { <vrf-name> | <vrf-known-name> | all }] | <ipv6-prefix> [vrf { <vrf-name> | <vrf-known-name> | all }] | aggregate [ipv4 | ipv6] [vrf { <vrf-name> | <vrf-known-name> | all }] | { fec { ipv4_prefix [vrf { <vrf-name> | <vrf-known-name> | all }] | ipv6_prefix [vrf { <vrf-name> | <vrf-known-name> | all }] } | deagg [vrf { <vrf-name> | <vrf-known-name> | all }] } } | { summary } } [detail] [private] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ [TABLE_vrf <vrf_name> [TABLE_inlabel <in_label> <out_label_stack> + { <ipv4_prefix> | <ipv6_prefix> }] [<tunnel_v4_mid_source> | <tunnel_v6_mid_source>] <tunnel_id> { <ext_v4_tunnel_id> | <ext_v6_tunnel_id> } <tunnel_instance> <deagg_vrf> <deagg_af> <tunnel_head>] <out_interface> { <ipv4_next_hop> | <ipv6_next_hop> } [<nhlfe_p2p_flag>] [<nhlfe_frr_status>] [<nhlfe_stale_flag>] [<in_packets> <in_bytes>] [[<out_label> +] <out_packets> + <out_bytes> +] [{ <tunnel_v4_mid_dest> | <tunnel_v6_mid_dest> }]]]]]

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{ <ipv4_next_hop> | <ipv6_next_hop> }] [<per_ce_table> <per_ce_nh_set_id>] [<fec_none_label>] [<table_name>]]]]
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- NEW: show mpls switching [ labels <label> [ <max-label> ] | interface <intf> | { <ip-addr> | <ipv4-prefix> } [ vrf { <vrf-name> | <vrf-known-name> | all } ] | <ipv6-prefix> [ vrf { <vrf-name> | <vrf-known-name> | all } ] | aggregate [ ipv4 | ipv6 ] [ vrf { <vrf-name> | <vrf-known-name> | all } ] | { fec { ipv4\_prefix [ vrf { <vrf-name> | <vrf-known-name> | all } ] | ipv6\_prefix [ vrf { <vrf-name> | <vrf-known-name> | all } ] } | deagg [ vrf { <vrf-name> | <vrf-known-name> | all } ] } | { summary } ] [ detail ] [ private ] [ vrf { <vrf-name> | <vrf-known-name> | all } ] [ \_\_readonly\_\_ [ [ TABLE\_vrf <vrf\_name> [ [ TABLE\_inlabel <in\_label> { <out\_label\_stack> + } { <ipv4\_prefix> | <ipv6\_prefix> } ] { <tunnel\_v4\_mid\_source> | <tunnel\_v6\_mid\_source> } <tunnel\_id> { <ext\_v4\_tunnel\_id> | <ext\_v6\_tunnel\_id> } <tunnel\_instance> <deagg\_vrf> <deagg\_af> <tunnel\_head> ] <out\_interface> { <ipv4\_next\_hop> | <ipv6\_next\_hop> } [ <nhlfe\_p2p\_flag> ] [ <nhlfe\_frr\_status> ] [ <nhlfe\_stale\_flag> ] [ <in\_packets> <in\_bytes> ] [ [ <out\_label> + ] <out\_packets> + <out\_bytes> + ] [ { <tunnel\_v4\_mid\_dest> | <tunnel\_v6\_mid\_dest> } { <ipv4\_next\_hop> | <ipv6\_next\_hop> } ] [ <per\_ce\_table> <per\_ce\_nh\_set\_id> ] [ <fec\_none\_label> ] [ <table\_name> ] ] [ TABLE\_adj\_sid\_inlabel <adj\_sid\_in\_label> <out\_label> { <ipv4\_addr> | <ipv6\_addr> } <out\_interface> { <adj\_sid\_ipv4\_next\_hop> | <adj\_sid\_ipv6\_next\_hop> } [ <in\_packets> <in\_bytes> ] [ [ <out\_label> + ] <out\_packets> + <out\_bytes> + ] ] ] [ TABLE\_block <blockid> <lbl\_range> ] ] ] ]
  - OLD: show nbm flows [ all | group-based | m-group <group-ip-id> | [ source <source-ip> [ group <group-ip> ] | group <group-ip> [ source <source-ip> ] ] [ active | inactive | no-receiver | detail ] ] [ interface <if-name> ] [ \_\_readonly\_\_ TABLE\_flows { <mcast\_grp\_src\_ip> <start\_time> <src\_intf> <l4\_sport> <l4\_dport> <lid> <status> <num\_rx> <bw\_mbps> <cfg\_mbps> <src\_slot> <unit> <slice> } [ { <act\_slot> <act\_unit> <stdby\_slot> <stdby\_unit> } ] { <dscp> <qos> } [ <flag> ] [ { <n\_link> <num\_links> } ] [ { <slot\_2> <unit\_2> <num\_rx\_2> } ] [ { <iiod> <ilink> <i\_ifidx> <fab\_iiod> <fab\_oiod> <fab\_ifidx> <oiod> <olink> <i\_ieth\_port> <fab\_ieth\_port> } ] [ { <rcv\_if\_idx> <ioid> <name> } ] [ { <end\_timestr> <flow\_rate\_bps> <packets> <bytes> } ] ] ]
  - NEW: show nbm flows [ all | group-based | m-group <group-ip-id> | source <source-ip> [ group <group-ip> ] | group <group-ip> [ source <source-ip> ] ] [ active | inactive | no-receiver | detail | interface <if-name> ] [ \_\_readonly\_\_ TABLE\_flows { <mcast\_grp\_src\_ip> <start\_time> <src\_intf> <lid> <status> <num\_rx> <bw\_mbps> <cfg\_mbps> <src\_slot> <unit> <slice> } [ { <act\_slot> <act\_unit> <stdby\_slot> <stdby\_unit> } ] { <dscp> <qos> } [ <flag> ] [ { <n\_link> <num\_links> } ] [ { <slot\_2> <unit\_2> <num\_rx\_2> } ] [ { <iiod> <ilink> <i\_ifidx> <fab\_iiod> <fab\_oiod> <fab\_ifidx> <oiod> <olink> <i\_ieth\_port> <fab\_ieth\_port> } ] [ { <rcv\_if\_idx> <ioid> <name> } ] [ { <end\_timestr> <flow\_rate\_bps> <packets> <bytes> } ] ] ]
  - OLD: show nbm switch-role
  - NEW: show nbm switch-role [ \_\_readonly\_\_ <switch\_role> ]
  - OLD: show nve peers [ [ [ interface <nve-if> | peer-ip <user-peer-ip> | control-plane | data-plane ] [ detail ] ] ] [ control-plane-vni [ vni <vni-id> | peer-ip <user-peer-ip> ] ] [ controller ] ] [ \_\_readonly\_\_ TABLE\_nve\_peers [ [ <detail> ] [ <control-plane-vni> ] [ <if-name> ] [ <peer-ip> ] [ <peer-state> ] [ <learn-type> ] [ <uptime> ] [ <router-mac> ] [ { <first-vni> <create-ts> <config-vnis> <provision-state> <cp-vni> <vni-assignment-mode> <dc-fabric-location> [ <stale-timer> ] } ] [ { <vni> <learn-src> <vni-gw-mac> } ] ] ] ]
  - NEW: show nve peers [ [ [ interface <nve-if> | peer-ip <user-peer-ip> | control-plane | data-plane ] [ detail ] ] ] [ control-plane-vni [ vni <vni-id> | peer-ip <user-peer-ip> ] ] [ controller ] ] [ \_\_readonly\_\_ TABLE\_nve\_peers [ [ <detail> ] [ <control-plane-vni> ] [ <if-name> ] [ <peer-ip> ] [ <peer-state> ] [ <learn-type> ] [ <uptime> ] [ <router-mac> ] [ { <first-vni> <create-ts> <config-vnis> <provision-state>

```
<cp-vni> <vni-assignment-mode> <dcf-fabric-location> [<stale-timer>] }] [{ <vni> <learn-src>
<vni-gw-mac> <peer-type> }]]
```

- OLD: show plb [ brief ] [ \_\_readonly\_\_ <is\_firstentry> <is\_detail> <is\_active> <is\_firstentry\_routemap> <is\_firstentry\_standby> <is\_firstentry\_acl> <is\_lastentry> [ TABLE\_summary <service\_name> <probe> <lb\_scheme> [ <interface> ] [ <src\_interface> ] <state> <buckets> [ <reason> ] <vrf\_name> <userACL> <peer\_status> [ TABLE\_device <device\_grp> <dg\_probe> <dg\_probe\_port> ] [ TABLE\_route\_map [ <route\_map> ] [ <interface> ] [ <r\_status> ] [ <int\_track\_id> ] ] [ TABLE\_vip [ <vip\_ip> ] [ <vip\_probe> ] [ <vip\_port> ] [ <vip\_dgname> ] [ TABLE\_vip\_node [ <vip\_node> ] [ <vip\_nodev6> ] <vip\_config> <vip\_weight> <vip\_node\_probe> <vip\_node\_probe\_port> <vip\_node\_probe\_ip> <vip\_status> <vip\_track\_id> <vip\_ip\_sla\_id> [ TABLE\_vip\_standby [ <vip\_standby\_ip> ] [ <vip\_standby\_ipv6> ] <vip\_standby\_config> <vip\_standby\_weight> <vip\_standby\_probe> <vip\_standby\_probe\_port> <vip\_standby\_probe\_ip> <vip\_standby\_status> <vip\_standby\_track\_id> <vip\_standby\_sla\_id> ] [ TABLE\_vip\_acl [ <vip\_access\_list> ] ] ] ] [ TABLE\_node [ <node> ] [ <nodev6> ] <config> <weight> <node\_probe> <node\_probe\_port> <node\_probe\_ip> <status> <track\_id> <ip\_sla\_id> [ TABLE\_standby [ <standby\_ip> ] [ <standby\_ipv6> ] <standby\_config> <standby\_weight> <standby\_probe> <standby\_probe\_port> <standby\_probe\_ip> <standby\_status> <standby\_track\_id> <standby\_sla\_id> ] [ TABLE\_acl [ <access\_list> ] ] ] ] ] ]
- NEW: show plb [ service <service-name> ] [ brief ] [ \_\_readonly\_\_ <is\_firstentry> <is\_detail> <is\_active> <is\_firstentry\_routemap> <is\_firstentry\_standby> <is\_firstentry\_acl> <is\_lastentry> [ TABLE\_summary <service\_name> <state> [ <reason> ] <lb\_scheme> [ <interface> ] <buckets> [ <vrf\_name> ] [ <excl\_acl> ] [ <src\_interface> ] [ TABLE\_device <device\_grp> <dg\_probe> <dg\_probe\_port> ] [ TABLE\_route\_map [ <route\_map> ] <interface> <r\_status> ] [ TABLE\_vip [ <vip\_ip> ] [ <vip\_probe> ] [ <vip\_port> ] [ <vip\_dgname> ] [ <ace\_name> ] [ <ace\_seq> ] [ <ace\_ip> ] [ <ace\_protocol> ] [ <ace\_port> ] [ TABLE\_vip\_node [ <vip\_node> ] [ <vip\_nodev6> ] <vip\_config> <vip\_weight> <vip\_node\_probe> <vip\_node\_probe\_port> <vip\_node\_probe\_ip> <vip\_status> <vip\_track\_id> <vip\_ip\_sla\_id> [ TABLE\_vip\_standby [ <vip\_standby\_ip> ] [ <vip\_standby\_ipv6> ] <vip\_standby\_config> <vip\_standby\_weight> <vip\_standby\_probe> <vip\_standby\_probe\_port> <vip\_standby\_probe\_ip> <vip\_standby\_status> <vip\_standby\_track\_id> <vip\_standby\_sla\_id> ] [ TABLE\_vip\_acl [ <vip\_access\_list> ] ] ] ] [ TABLE\_node [ <node> ] [ <nodev6> ] <config> <weight> <node\_probe> <node\_probe\_port> <node\_probe\_ip> <status> <track\_id> <ip\_sla\_id> [ TABLE\_standby [ <standby\_ip> ] [ <standby\_ipv6> ] <standby\_config> <standby\_weight> <standby\_probe> <standby\_probe\_port> <standby\_probe\_ip> <standby\_status> <standby\_track\_id> <standby\_sla\_id> ] [ TABLE\_acl [ <access\_list> ] ] ] ] ] ] ]
- OLD: show plb analytics [ <service\_name> ] [ src { <src-ip> | <src-IPv6> } | dst { <dst-ip> | <dst-IPv6> } ] [ brief ] [ \_\_readonly\_\_ <plbshowinfo-stats-svc-hdr> [ TABLE\_stats\_svc <plbshowinfo-stats-service\_name> <plbshowinfo-stats-dev-grp> <plbshowinfo-stats-vip> [ <plbshowinfo-stats-ace-seq> ] [ <plbshowinfo-stats-ace-ip> ] <plbshowinfo-stats-vip-pkts> <plbshowinfo-stats-vip-pkts-percentage> <plbshowinfo-stats-bkt-hdr> [ TABLE\_stats\_bkt <plbshowinfo-stats-acl> [ <plbshowinfo-stats-oper-node> ] <plbshowinfo-stats-node-mode> <plbshowinfo-stats-orig-node> <plbshowinfo-stats-node-pkts> <plbshowinfo-stats-node-pkts-percentage> <plbshowinfo-stats-acl-pkts> [ <plbshowinfo-for-ace> ] ] ] <plb-show-end> [ <plb-true-end> ] ]
- NEW: show plb analytics [ service <service-name> ] [ src { <sip> | <sipv6> } | node { <nip> | <nipv6> } | vip { <vip> | <vipv6> } | device-group <group-name> ] [ brief ] [ \_\_readonly\_\_ <plbshowinfo-stats-svc-hdr> [ TABLE\_stats\_svc <plbshowinfo-stats-service\_name> <plbshowinfo-stats-dev-grp> <plbshowinfo-stats-vip> <plbshowinfo-stats-vip-pkts> <plbshowinfo-stats-vip-pkts-percentage> [ <plbshowinfo-stats-ace-seq> ] [ <plbshowinfo-stats-ace-ip> ] <plbshowinfo-stats-bkt-hdr> [ TABLE\_stats\_bkt <plbshowinfo-stats-acl> [ <plbshowinfo-stats-oper-node> ] <plbshowinfo-stats-node-mode> <plbshowinfo-stats-orig-node> ] ] ] ]



```
<rdet-nonecn-drop-prob>]] [<afd-mode>] [TABLE_afd <afd-key> [<afd-values>] [
<afd-queue-desired>] [<afd-size-units>] [<afd-ecn>]] [<pause> <size-in-bytes> <xoff-bytes>
<xon-bytes>] [<priority-group-number>] [<bw-units>] [<bw-rate>] [<rem-bw-units>] [
<rem-bw-rate>] [<agg-policer-name>] [<cir-spec>] [<bc-spec>] [<be-spec>] [<cir-rate-units>]
[<cir>] [<bc-size-units>] [<bc>] [<pir-rate-units>] [<pir>] [<be-size-units>] [<be>] [
<cnf-col-cmap>] [<exc-col-cmap>] [TABLE_police <police-key> [<cnf-act>] [<exc-act>] [<vio-act>
] [<set-type>] [<enum-spec>] [<set-val>] [<ptmap-from>] [<ptmap-to>] [<ptmap-name>]] [
<burst-detect-enable>]]]] }
```

- OLD: show port-license
- NEW: show port-license [ \_\_readonly\_\_ <consumed\_port\_licenses> [ TABLE\_portlicense <interface> <cookie> <port\_activation\_license> ] ]
- OLD: show ptp domain data [ \_\_readonly\_\_ [ TABLE\_ptp <multidom\_cap> <gm\_cap> <def\_dom> <transition\_priority1> <transition\_priority2> { TABLE\_ptp\_domain <domain\_number> <domain\_priority> <ptp\_clock\_class\_threshold> <ptp\_clock\_accuracy\_threshold> <ptp-ifindex> } ] <ptp-end> ]
- NEW: show ptp domain data [ \_\_readonly\_\_ [ TABLE\_ptp <multidom\_cap> <gm\_cap> <gm\_convergence\_time> <def\_dom> <transition\_priority1> <transition\_priority2> { TABLE\_ptp\_domain <domain\_number> <domain\_priority> <ptp\_clock\_class\_threshold> <ptp\_clock\_accuracy\_threshold> <ptp-ifindex> } ] <ptp-end> ]
- OLD: show queuing tabular [ non-zero [ drop-only ] ] [ interface <if\_list> ] [ module <module> ] [ \_\_readonly\_\_ [ TABLE\_queuing\_interface <if\_name\_str> <qos\_group\_name\_0> <qos\_group\_name\_1> <qos\_group\_name\_2> <qos\_group\_name\_3> <qos\_group\_name\_4> <qos\_group\_name\_5> <qos\_group\_name\_6> <qos\_group\_name\_7> <qos\_group\_name\_cpu> <qos\_group\_name\_span> <tx\_uc\_pkt\_qos\_0> <tx\_uc\_byte\_qos\_0> <tx\_uc\_drop\_pkt\_qos\_0> <tx\_uc\_drop\_byte\_qos\_0> <tx\_oobfc\_uc\_pkt\_qos\_0> <tx\_oobfc\_uc\_byte\_qos\_0> <tx\_oobfc\_uc\_drop\_pkt\_qos\_0> <tx\_oobfc\_uc\_drop\_byte\_qos\_0> <tx\_fld\_pkt\_qos\_0> <tx\_fld\_byte\_qos\_0> <tx\_fld\_drop\_pkt\_qos\_0> <tx\_fld\_drop\_byte\_qos\_0> <tx\_mc\_pkt\_qos\_0> <tx\_mc\_byte\_qos\_0> <tx\_mc\_drop\_pkt\_qos\_0> <tx\_mc\_drop\_byte\_qos\_0> <pfc\_rx\_qos\_0> <pfc\_tx\_qos\_0> <qos\_grp\_1> <qos\_grp\_2> <qos\_grp\_3> <qos\_grp\_4> <qos\_grp\_5> <qos\_grp\_6> <qos\_grp\_7> <qos\_grp\_cpu> <qos\_grp\_span> <ing\_drop\_pkt> ] ]
- NEW: show queuing tabular [ non-zero [ drop-only ] ] [ interface <if\_list> ] [ module <module> ] [ \_\_readonly\_\_ [ TABLE\_queuing\_interface <if\_name\_str> <qos\_group\_name\_0> <qos\_group\_name\_1> <qos\_group\_name\_2> <qos\_group\_name\_3> <qos\_group\_name\_4> <qos\_group\_name\_5> <qos\_group\_name\_6> <qos\_group\_name\_7> <qos\_group\_name\_cpu> <qos\_group\_name\_span> <tx\_uc\_pkt\_qos\_0> <tx\_uc\_byte\_qos\_0> <tx\_uc\_drop\_pkt\_qos\_0> <tx\_uc\_drop\_byte\_qos\_0> <tx\_uc\_ecn\_pkt\_qos\_0> <tx\_uc\_ecn\_byte\_qos\_0> <tx\_oobfc\_uc\_pkt\_qos\_0> <tx\_oobfc\_uc\_byte\_qos\_0> <tx\_oobfc\_uc\_drop\_pkt\_qos\_0> <tx\_oobfc\_uc\_drop\_byte\_qos\_0> <tx\_fld\_pkt\_qos\_0> <tx\_fld\_byte\_qos\_0> <tx\_fld\_drop\_pkt\_qos\_0> <tx\_fld\_drop\_byte\_qos\_0> <tx\_mc\_pkt\_qos\_0> <tx\_mc\_byte\_qos\_0> <tx\_mc\_drop\_pkt\_qos\_0> <tx\_mc\_drop\_byte\_qos\_0> <pfc\_rx\_qos\_0> <pfc\_tx\_qos\_0> <qos\_grp\_1> <qos\_grp\_2> <qos\_grp\_3> <qos\_grp\_4> <qos\_grp\_5> <qos\_grp\_6> <qos\_grp\_7> <qos\_grp\_cpu> <qos\_grp\_span> <ing\_drop\_pkt> ] ]
- OLD: show radius-server { <host0> } [ \_\_readonly\_\_ { <host1> } <auth\_port> <acct\_port> <shared\_key> <idle\_time> <test\_username> <test\_password> ]

- NEW: show radius-server { <host> } [ \_\_readonly\_\_ { <host1> } ] [ <authen\_port> ] [ <account\_port> ] [ <share\_key> ] [ <timeout> ] [ <retries> ] [ <secure\_radius> ] [ <aid> ] <idle\_tim> <test\_user\_name> <test\_pwd> ]
- OLD: 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> } } ]
- NEW: 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> ] ] ]
- OLD: 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> ] ]
- NEW: 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> ] ] ]
- OLD: show system default switchport
- NEW: show system default switchport [ \_\_readonly\_\_ <sys\_def\_port\_state> <sys\_def\_trunk\_mode> <sys\_def\_link\_fail\_syslog\_level> <sys\_def\_tx\_credit\_queue\_type> ]
- OLD: show system internal adjmgr cache { { brief | detail } | { interface [ <intf> ] } } [ operational ]
- NEW: show system internal adjmgr cache { { brief | detail | arpifcfg } | { interface [ <intf> ] } } [ operational ]
- OLD: show system internal nbm flow policy
- NEW: show system internal nbm flow policy [ hashtable ]
- OLD: show system internal nbm info shm table { token | group }
- NEW: show system internal nbm info shm table { bandwidth | flow | policy | global } [ \_\_readonly\_\_ <output> ]
- OLD: show tacacs-server { <host0> } [ \_\_readonly\_\_ { <host1> } ] { <tacacs\_port> [ <idle\_time> ] } [ <timeout> ] [ <secretKey> ] [ <test\_username> ] [ <test\_password> ] ]
- NEW: show tacacs-server { <host0> } [ \_\_readonly\_\_ { <host1> } ] [ <tac\_port> ] [ <tac\_shared\_key> ] [ <time\_out> ] [ <tac\_idle\_time> ] [ <test\_user\_name> ] <test\_pwd> ]
- OLD: show trunk protocol

- NEW: show trunk protocol [ \_\_readonly\_\_ <trunk\_protocol\_status> ]
- OLD: show vlan id <vlan-id> counters [ \_\_readonly\_\_ { TABLE\_vlancounters <vlanshowbr-vlanid> [ <l2\_ing\_ucast\_b> ] [ <l2\_ing\_ucast\_p> ] [ <l2\_ing\_mcast\_b> ] [ <l2\_ing\_mcast\_p> ] [ <l2\_ing\_bcast\_b> ] [ <l2\_ing\_bcast\_p> ] [ <l2\_egr\_ucast\_b> ] [ <l2\_egr\_ucast\_p> ] [ <total\_rcv\_b> ] [ <total\_rcv\_p> ] [ <total\_sent\_b> ] [ <total\_sent\_p> ] } }
- NEW: show vlan id <vlan-id> counters [ \_\_readonly\_\_ { TABLE\_vlancounters <vlanshowbr-vlanid> [ <l2\_ing\_ucast\_b> ] [ <l2\_ing\_ucast\_p> ] [ <l2\_ing\_mcast\_b> ] [ <l2\_ing\_mcast\_p> ] [ <l2\_ing\_bcast\_b> ] [ <l2\_ing\_bcast\_p> ] [ <l2\_egr\_ucast\_b> ] [ <l2\_egr\_ucast\_p> ] [ <l3\_ucast\_rcv\_b> ] [ <l3\_ucast\_rcv\_p> ] [ <total\_rcv\_b> ] [ <total\_rcv\_p> ] [ <total\_sent\_b> ] [ <total\_sent\_p> ] } }
- OLD: show vrrp [ [ summary ] | { [ statistics | detail ] [ interface <interface\_id> ] [ vr <vr\_id> ] [ master | backup | init ] + } ] [ \_\_readonly\_\_ TABLE\_vrrp\_group <sh\_if\_index> <sh\_group\_id> <sh\_group\_type> <sh\_group\_state> <sh\_group\_preempt> <sh\_vip\_addr> { [ TABLE\_sec\_vip\_addr <sh\_sec\_vip\_addr> ] } <sh\_priority> [ <sh\_cfg\_priority> <sh\_fwd\_thr\_lower> <sh\_fwd\_thr\_upper> ] <sh\_adv\_interval> [ <sh\_auth\_text> ] [ <sh\_vmac> ] [ <sh\_master\_router> ] [ <sh\_native\_track\_intf> <sh\_native\_track\_priotiry> ] { [ TABLE\_vrrp\_track <sh\_track\_object\_id> <sh\_decrement\_priority> <sh\_track\_object\_state> ] } [ <sh\_bfd\_status> <sh\_bfd\_session> ] ]
- NEW: show vrrp [ [ summary ] | { [ statistics | detail ] [ interface <interface\_id> ] [ vr <vr\_id> ] [ master | backup | init ] + } ] [ \_\_readonly\_\_ [ [ TABLE\_vrrp\_group <sh\_if\_index> <sh\_group\_id> <sh\_group\_type> <sh\_group\_state> <sh\_group\_preempt> <sh\_vip\_addr> { [ TABLE\_sec\_vip\_addr <sh\_sec\_vip\_addr> ] } <sh\_priority> [ <sh\_cfg\_priority> <sh\_fwd\_thr\_lower> <sh\_fwd\_thr\_upper> ] <sh\_adv\_interval> [ <sh\_auth\_text> ] [ <sh\_vmac> ] [ <sh\_master\_router> ] [ <sh\_native\_track\_intf> <sh\_native\_track\_priotiry> ] { [ TABLE\_vrrp\_track <sh\_track\_object\_id> <sh\_decrement\_priority> <sh\_track\_object\_state> ] } [ <sh\_bfd\_status> <sh\_bfd\_session> ] ] [ { TABLE\_vrrp\_statistics [ <if\_index> ] [ <grp\_id> ] [ <grp\_type> ] [ <master\_cnt> ] [ <adv\_pkts> ] [ <adv\_intv\_mismatch> ] [ <auth\_failure> ] [ <ttl\_err> ] [ <zero\_pri\_adv\_rcvd> ] [ <zero\_pri\_adv\_sent> ] [ <type\_fl\_mismatch> ] [ <addr\_mismatch> ] [ <inv\_auth> ] [ <auth\_mismatch> ] [ <inv\_pkt\_len> ] } ] [ <total\_num\_of\_grp> ] [ <init\_grps> ] [ <backup\_grps> ] [ <master\_grps> ] [ <vrrp\_enabled\_ifs> ] [ <mts\_rx> ] [ <mts\_tx> ] [ <pkt\_rx> ] [ <pkt\_tx> ] ] + ]
- OLD: show vrrpv3 [ brief | detail | statistics ] [ <intf> [ <group\_num> ] ] [ <opt\_v4\_or\_v6> ] [ all ] [ \_\_readonly\_\_ <global\_drops> { TABLE\_istats <i\_intf> <i\_drops> <ttl> <checksum> <version> <type> <length> <badid> <other> } { TABLE\_grp <intf> <id> <af> <desc> <state> <duration> <vip> { TABLE\_sec <addr> <prefix> } <vmac> <adv> <owner> <preempt> <delay> <delay\_rem> <priority> <m\_addr> <m\_priority> <m\_adv> <m\_expire> <down> <down\_expire> <adv\_sent> <adv\_err> <adv\_rcvd> <v2adv\_sent> <v2adv\_err> <v2adv\_rcvd> <drops> <incompat> <conflict> <bad\_count> <bad\_addr> <bad\_config> <bad\_advert> <bad\_state> <bad\_other> <init\_master> <init\_master\_time> <init\_backup> <init\_backup\_time> <back\_master> <back\_master\_time> <master\_back> <master\_back\_time> <mast\_init> <mast\_init\_time> <back\_init> <back\_init\_time> } }
- NEW: show vrrpv3 [ brief | detail | statistics ] [ <intf> [ <group\_num> ] ] [ <opt\_v4\_or\_v6> ] [ all ] [ \_\_readonly\_\_ [ <global\_drops> ] [ { [ TABLE\_istats [ <i\_intf> ] [ <i\_drops> ] [ <ttl> ] [ <checksum> ] [ <version> ] [ <type> ] [ <length> ] [ <badid> ] [ <other> ] } ] [ { TABLE\_grp [ <intf> ] [ <id> ] [ <af> ] [ <desc> ] [ <state> ] [ <duration> ] [ <vip> ] [ { TABLE\_sec [ <addr> ] [ <prefix> ] } ] [ <vmac> ] [ <adv> ] [ <owner> ] [ <preempt> ] [ <delay> ] [ <delay\_rem> ] [ <priority> ] [ <m\_addr> ] [ <m\_priority> ] [ <m\_adv> ] [ <m\_expire> ] [ <down> ] [ <down\_expire> ] [ <adv\_sent> ] [ <adv\_err> ] [ <adv\_rcvd> ] [ <v2adv\_sent> ] [ <v2adv\_err> ] [ <v2adv\_rcvd> ] [ <drops> ] [ <incompat> ] [ <conflict> ] [ <bad\_count> ] [ <bad\_addr> ] [ <bad\_config> ] [ <bad\_advert> ] [ <bad\_state> ] [ <bad\_other> ] [ <init\_master> ] [ <init\_master\_time> ] [ <init\_backup> ] [ <init\_backup\_time> ] [ <back\_master> ] [

- <back\_master\_time> ] [ <master\_back> ] [ <master\_back\_time> ] [ <mast\_init> ] [ <mast\_init\_time> ] [ <back\_init> ] [ <back\_init\_time> ] } ] ] + [ { TABLE\_vbrief [ <intf\_b> ] [ <id\_b> ] [ <af\_b> ] [ <priority\_b> ] [ <down\_b> ] [ <owner\_b> ] [ <preempt\_b> ] [ <state\_b> ] [ <m\_addr\_b> ] [ <vip\_b> ] } ] ]
- OLD: show vrrs pathway [ <intf> ] [ \_\_readonly\_\_ { TABLE\_pws <name> <state> <vrrs\_push\_state> <vmac> <vmac\_state> <vmac\_dbg> <pvmac> <pvmac\_state> <pvmac\_dbg> <af> [ <desc> ] <opt> <eval> [ { TABLE\_vips <addr> [ <flags> ] } ] } ]
  - NEW: show vrrs pathway [ <intf> ] [ \_\_readonly\_\_ { TABLE\_pws <name> <state> <vrrs\_push\_state> <vmac> <vmac\_state> <vmac\_dbg> [ <pvmac> ] [ <pvmac\_state> ] [ <pvmac\_dbg> ] <af> [ <desc> ] <opt> <eval> [ { TABLE\_vips <addr> [ <flags> ] } ] } ]
  - OLD: show { system internal | hardware } access-list resource { { { entries | l4ops | redirect | ipv6-compression | mac-compression | aqm-d | aqm-q | oq | opool | prm } [ detail ] } | utilization | { entry tcam <tcam\_id> bank <bank\_id> index <index> } } [ no-header ] [ module <module> ] [ \_\_readonly\_\_ TABLE\_resource\_util\_info <resource\_hdr> <ents\_use> <ents\_free> <ents\_pctage> ]
  - NEW: show { system internal | hardware } access-list resource { { { entries | l4ops | redirect | ipv6-compression | mac-compression | aqm-d | aqm-q | oq | opool | prm | hw-telemetry } [ detail ] } | utilization | { entry tcam <tcam\_id> bank <bank\_id> index <index> } } [ no-header ] [ module <module> ] [ \_\_readonly\_\_ TABLE\_resource\_util\_info <resource\_hdr> <ents\_use> <ents\_free> <ents\_pctage> ]
  - OLD: { <sequence-no> Access-list <acl-name> { vlan-group <vg-name> | ingress-port-group <ipg-name> } { egress-port-group <epg-name> | egress-device-group <edg-name> } [ mode <mode> ] [ load-balance { port-channel | method { src-ip | dst-ip } } ] } | { no sequence <sequence-no> }
  - NEW: { <sequence-no> Access-list <acl-name> { vlan-group <vg-name> | ingress-port-group <ipg-name> } { { egress-port-group <epg-name> [ load-balance { port-channel | algo-based { src-ip | dst-ip } } ] } | { egress-device-group <edg-name> [ load-balance { ecmp | algo-based { src-ip | dst-ip } } ] } } [ mode <mode> ] } | { no sequence <sequence-no> }
  - OLD: { [ <seqno> ] | no } <permitdeny> { { ethertype <ethertypeid> } | { <proto\_udp> { { { <src\_any> | { <src\_addr> <src\_wild> } | <src\_prefix> | { src\_key\_host <src\_host> } | { src\_key\_addrgrp <src\_addrgrp\_name> } } } [ { { <src\_port\_op> { <src\_port0> | <src\_port0\_str> } } | { <src\_port\_range> { <src\_port1> | <src\_port1\_str> } { <src\_port2> | <src\_port2\_str> } } | src\_portgroup <src\_port\_group> } ] } { <dst\_any> | { <dst\_addr> <dst\_wild> } | <dst\_prefix> | { dst\_key\_host <dst\_host> } | { dst\_key\_addrgrp <dst\_addrgrp\_name> } } } [ { { <dst\_port\_op> { <dst\_port0> | <dst\_port0\_str> } } | { <dst\_port\_range> { <dst\_port1> | <dst\_port1\_str> } { <dst\_port2> | <dst\_port2\_str> } } | dst\_portgroup <dst\_port\_group> } ] } { [ log ] [ time-range <time\_range\_name> ] | packet-length { <plen\_op> <plen0> | <plen\_range> <plen1> <plen2> } } | { dscp { <dscp\_num> | <dscp\_str> } } | { ttl <ttl\_num> } } ] + | { [ log ] [ time-range <time\_range\_name> ] | packet-length { <plen\_op> <plen0> | <plen\_range> <plen1> <plen2> } } | { tos { <tos\_num> | <tos\_str> } } | { precedence { <prec\_num> | <prec\_str> } } | { ttl <ttl\_num> } } ] + | { udf { <udf\_name> <udf\_val> <udf\_mask> } + } ] [ nve vni <vni-id> ] } | { { <src\_any> | { <src\_addr> <src\_wild> } | <src\_prefix> | { src\_key\_host <src\_host> } | { src\_key\_addrgrp <src\_addrgrp\_name> } } } { <dst\_any> | { <dst\_addr> <dst\_wild> } | <dst\_prefix> | { dst\_key\_host <dst\_host> } | { dst\_key\_addrgrp <dst\_addrgrp\_name> } } } { [ [ fragments ] ] [ log ] [ time-range <time\_range\_name> ] | packet-length { <plen\_op> <plen0> | <plen\_range> <plen1> <plen2> } } | { dscp { <dscp\_num> | <dscp\_str> } } | { ttl <ttl\_num> } } | { udf { <udf\_name> <udf\_val> <udf\_mask> } + } ] + | { [ [ fragments ] ] [ log ] [ time-range <time\_range\_name> ] | packet-length { <plen\_op> <plen0> | <plen\_range> <plen1> <plen2> } } | { tos { <tos\_num> | <tos\_str> } } | { precedence { <prec\_num> | <prec\_str> } } | { ttl <ttl\_num> } } | { udf { <udf\_name> <udf\_val> <udf\_mask> } + } } ] + } } [ nve

```
vni <vni-id>] } } [vlan <vlanid> | ingress_intf { <intfid> | <intfname> } | vlan_priority <vlanpriorityid>
] + { { [[log] [time-range <time_range_name>] | packet-length { <plen_op> <plen0> | <plen_range>
<plen1> <plen2> } | { dscp { <dscp_num> | <dscp_str> } } | { ttl <ttl_num> }] } + { [[log] [time-range
<time_range_name>] | packet-length { <plen_op> <plen0> | <plen_range> <plen1> <plen2> } | { tos {
<tos_num> | <tos_str> } } | { precedence { <prec_num> | <prec_str> } } | { ttl <ttl_num> }] } + { [{
udf { <udf_name> <udf_val> <udf_mask> } + }] # 2051 ../feature/acl_mgr/cli/aclmgr.cmd [capture
session <session-id>] [{ <action> <actionid> }] + [log]
```

- NEW: { [ <seqno> ] | no } <permitdeny> { { ethertype <ethertypeid> } | { <proto\_udp> { { { <src\_any>
| { <src\_addr> <src\_wild> } | <src\_prefix> | { src\_key\_host <src\_host> } | { src\_key\_addrgrp
<src\_addrgrp\_name> } } [ { { <src\_port\_op> { <src\_port0> | <src\_port0\_str> } } | { <src\_port\_range>
{ <src\_port1> | <src\_port1\_str> } { <src\_port2> | <src\_port2\_str> } } | src\_portgroup <src\_port\_group>
} ] } <dst\_any> | { <dst\_addr> <dst\_wild> } | <dst\_prefix> | { dst\_key\_host <dst\_host> } | {
dst\_key\_addrgrp <dst\_addrgrp\_name> } } [ { { <dst\_port\_op> { <dst\_port0> | <dst\_port0\_str> } } | {
<dst\_port\_range> { <dst\_port1> | <dst\_port1\_str> } { <dst\_port2> | <dst\_port2\_str> } } | dst\_portgroup
<dst\_port\_group> } ] } { [ [ log ] [ time-range <time\_range\_name> ] | packet-length { <plen\_op> <plen0>
| <plen\_range> <plen1> <plen2> } | { dscp { <dscp\_num> | <dscp\_str> } } | { ttl <ttl\_num> } ] } + { [ [ log ] [ time-range <time\_range\_name> ] | packet-length { <plen\_op> <plen0> | <plen\_range> <plen1>
<plen2> } | { tos { <tos\_num> | <tos\_str> } } | { precedence { <prec\_num> | <prec\_str> } } | { ttl
<ttl\_num> } ] } + { [ { udf { <udf\_name> <udf\_val> <udf\_mask> } + } ] [ nve vni <vni-id> ] } | { {
<src\_any> | { <src\_addr> <src\_wild> } | <src\_prefix> | { src\_key\_host <src\_host> } | { src\_key\_addrgrp
<src\_addrgrp\_name> } } } <dst\_any> | { <dst\_addr> <dst\_wild> } | <dst\_prefix> | { dst\_key\_host
<dst\_host> } | { dst\_key\_addrgrp <dst\_addrgrp\_name> } } } { [ [ fragments ] | [ log ] [ time-range
<time\_range\_name> ] | packet-length { <plen\_op> <plen0> | <plen\_range> <plen1> <plen2> } | { dscp
{ <dscp\_num> | <dscp\_str> } } | { ttl <ttl\_num> } | { udf { <udf\_name> <udf\_val> <udf\_mask> } + }
] } + { [ [ fragments ] | [ log ] [ time-range <time\_range\_name> ] | packet-length { <plen\_op> <plen0>
| <plen\_range> <plen1> <plen2> } | { tos { <tos\_num> | <tos\_str> } } | { precedence { <prec\_num> |
<prec\_str> } } | { ttl <ttl\_num> } | { udf { <udf\_name> <udf\_val> <udf\_mask> } + } ] } + } } [ nve
vni <vni-id> ] } } [ vlan <vlanid> | ingress\_intf { <intfid> | <intfname> } | vlan\_priority <vlanpriorityid>
] + { { [ [ log ] [ time-range <time\_range\_name> ] | packet-length { <plen\_op> <plen0> | <plen\_range>
<plen1> <plen2> } | { dscp { <dscp\_num> | <dscp\_str> } } | { ttl <ttl\_num> } ] } + { [ [ log ] [ time-range
<time\_range\_name> ] | packet-length { <plen\_op> <plen0> | <plen\_range> <plen1> <plen2> } | { tos {
<tos\_num> | <tos\_str> } } | { precedence { <prec\_num> | <prec\_str> } } | { ttl <ttl\_num> } ] } + { [ {
udf { <udf\_name> <udf\_val> <udf\_mask> } + } ] # 2052 ../feature/acl\_mgr/cli/aclmgr.cmd [ capture
session <session-id> ] [ { <action> <actionid> } ] + [ log ]

## Deprecated Commands

The following commands are removed in this release.

- show l2fwder rmac <mac-address>
- show plb <svc-name> [ brief ] [ \_\_readonly\_\_ <is\_firstentry> <is\_detail> <is\_active> <is\_firstentry\_routemap> <is\_firstentry\_standby> <is\_firstentry\_acl> <is\_lastentry> [ TABLE\_summary <service\_name> <probe> <lb\_scheme> [ <interface> ] [ <src\_interface> ] <state> <buckets> [ <reason> ] <vrf\_name> <userACL> <peer\_status> [ TABLE\_device <device\_grp> <dg\_probe> <dg\_probe\_port> ] [ TABLE\_route\_map [ <route\_map> ] [ <interface> ] [ <r\_status> ] [ <int\_track\_id> ] ] [ TABLE\_vip [ <vip\_ip> ] [ <vip\_probe> ] [ <vip\_port> ] [ <vip\_dgname> ] [ <ace\_name> ] [ <ace\_seq> ] [ <ace\_ip> ] [ <ace\_protocol> ] [ <ace\_port> ] [ TABLE\_vip\_node [ <vip\_node> ] [ <vip\_nodev6> ] <vip\_config> <vip\_weight> <vip\_node\_probe> <vip\_node\_probe\_port> <vip\_node\_probe\_ip> <vip\_status> <vip\_track\_id> <vip\_ip\_sla\_id> [ TABLE\_vip\_standby [ <vip\_standby\_ip> ] [ <vip\_standby\_ipv6> ] <vip\_standby\_config> <vip\_standby\_weight> <vip\_standby\_probe> <vip\_standby\_probe\_port> <vip\_standby\_probe\_ip> <vip\_standby\_status> <vip\_standby\_track\_id> <vip\_standby\_sla\_id> ] [ TABLE\_vip\_acl [ <vip\_access\_list> ] ] ] [ TABLE\_node [ <node> ] [ <nodev6> ] <config> <weight> <node\_probe> <node\_probe\_port> <node\_probe\_ip> <status> <track\_id> <ip\_sla\_id> [ TABLE\_standby [ <standby\_ip> ] [ <standby\_ipv6> ] <standby\_config> <standby\_weight> <standby\_probe> <standby\_probe\_port> <standby\_probe\_ip> <standby\_status> <standby\_track\_id> <standby\_sla\_id> ] [ TABLE\_acl [ <access\_list> ] ] ] ] ]
- show template\_manager profile [ \_\_readonly\_\_ TABLE\_profile <name> TABLE\_cfg <cfg> ]

