New, Changed, and Deprecated Show Commands in Cisco Nexus 9000 Release 9.3(5)

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The following sections describe changes in the Cisco Nexus 9000 CLI since Release 9.3(4).

New Commands

The following commands are added in this release.

- show cfs internal event-history info

- show clock-interface { brief | detail | sync <clk-interface> } [__readonly__ [TABLE_clockintf <if-id> <if-name> <capabilities> <dir> <state> <port-10M> <port-1pps> <pps-input> <port-tod> <tod-format-enum> <tod-baudrate> <tod-offset> <port-dir-cap>] <clkintf-end>]

- show consistency-checker copp extended module <module-id> [brief | detail]

- show consistency-checker ehm interface { <intf> | all }

- show consistency-checker fsync [debug-logs] [brief | detail]

- show consistency-checker l2 multicast mac <mac-address> vlan <vlan-id> [debug-logs] [brief | detail]

- show consistency-checker multicast nlb cluster-ip <ip-address> vrf { <vrf-name> | <vrf-known-name> } [debug-logs] [brief | detail]

- show consistency-checker multicast vlan <vlanid> [group <group_ip> | destination-mac <dst_mac>]

- show consistency-checker niv-datapath interface <intf>

- show consistency-checker vpgrouping interface { <intf> | all }

- show epbr policy [<policy-name>] [reverse] [__readonly__ TABLE_pmap <pname> [{ TABLE_pmap_match <match_type> <match_stmt> [{ TABLE_pmap_s_chain <seq> <sname> <action> [{ TABLE_pmap_s_chain_entry <ip_type> <svc_ep> [<track_id>] [<probe_state>] }] }] }] }] [<intf_name>] +]

- show epbr statistics policy <policy-name> [reverse] [__readonly__ TABLE_pmap <pname> <match_stmt> <bcount> [{ TABLE_pmap_t_match <bname> [{ TABLE_pmap_b_stats <sname> <pval> <action> }] }]]]

- show esmc counters { interface <if0> | all } [__readonly__ [TABLE_esmc <intf_name> <esmc_infos_sent> <esmc_events_sent> <esmc_dnus_sent> <esmc_infos_rcvd> <esmc_events_rcvd> <esmc_dnus_rcvd> <esmc_malformed_rcvd> <esmc_rcvd_error>] <esmc-end>]

- show esmc packet-trace [__readonly__ <esmc-header> [TABLE_esmc <intf-name> <sup-time> <pkt_dir> <pkt_type> <pkt_info>] <esmc-end>]

- show fabric multicast statistics [__readonly__ <remote_nlri_msgs_rx> <remote_nlri_msgs_rx_fail> <local_nlri_msgs_tx> <local_nlri_msgs_tx_fail> <import_rt_msgs_tx> <import_rt_msgs_tx_fail> <m2rib_msgs_tx> <m2rib_msgs_tx_fail> <mrib_msgs_tx> <mrib_msgs_tx_fail> <m6rib_msgs_tx> <m6rib_msgs_tx_fail> <pim_msgs_tx> <pim_msgs_tx_fail> <pim_msgs_rx> <pim_all_remote_ssm_rp_req_rx> <pim6_msgs_tx> <pim6_msgs_tx_fail> <pim6_msgs_rx>

<pim6_all_remote_ssm_rp_req_rx> <remote_nlri_ack_tx> <remote_nlri_ack_tx_fail>
<all_local_nlri_req_rx> <local_nlri_ack_rx> <remote_route_req_tx> <remote_route_req_tx_fail>
<pim6_all_local_ssm_rp_req_tx> <pim6_all_local_ssm_rp_req_tx_fail> <igmp_local_route_rx>
<igmp_local_route_ack_rx> <igmp_msgs_tx> <igmp_msgs_tx_fail> <igmp_l2_vni_up_down_rx>]

- show flow event [name] [{ <eventname> }] [__readonly__ [{ TABLE_nfm_event <event> [<description>] <use_count> [{ TABLE_nfm_group <events> [<buffer_drops>] [<fwd_drops>] [<acl_drops>] [<flow_count>] [<latency_threshold>] [<latency_unit>] [<latency_flow_count>] }] }]]]

- show forwarding [ip | ipv4] [unicast] inconsistency [suppress-transient] [vrf { <vrf-name> | all_vrfs }] [module { <module> | all_modules }] [__readonly__ [<err_str>] [<cc_header>] [<table_id>] [<slot_id>] [<exec_time>] [<elapsed_time>] [<inconsis_adjs>] [TABLE_inconsistency_adjs { <id> <slot> [<unit>] <vrf> [<ipaddr>] [<ipprefix>] [<interface>] <reason> }] [<inconsis_routes>] [TABLE_inconsistency_routes { <id> <slot> [<unit>] <vrf> [<ipaddr>] [<ipprefix>] [<interface>] <reason> }] [<run_status>]]

- show forwarding distribution multicast sr hash-db

- show forwarding proactive-cc inconsistencies [all] [__readonly__ [TABLE_v4adj_hdr <incons_v4_adjs> [TABLE_v4_adjs <id> <slot> <vrf> <ipaddr> <intf> <reason>]] [TABLE_v4route_hdr <incons_v4_routes> [TABLE_v4_routes <id> <slot> <vrf> <ipprefix> <reason>]] [TABLE_v6adj_hdr <incons_v6_adjs> [TABLE_v6_adjs <id> <slot> <vrf> <ipv6addr> <intf> <reason>]] [TABLE_v6route_hdr <incons_v6_routes> [TABLE_v6_routes <id> <slot> <vrf> <ipv6prefix> <reason>]]]

- show forwarding srv6 bsid [<bsid_value>] [module <num>] [__readonly__ { TABLE_bsid <bsid> <type> <table_id> <num_sids> <sid_list> <list_count> }]

- show forwarding srv6 bsid-peer [<bsid_value>] [<endpoint>] [module <num>] [__readonly__ { TABLE_bsid_peer <bsid> <endpoint> <type> <table_id> <peer-id> }]

- show frequency synchronization clock-interface brief [__readonly__ [TABLE_fsync <source_class> <clock_node> <clock_id> <clock_name> <clock_state> <assigned_for_selection> <ssm_support> <ssm_enabled> <loop_back> <squelched> <input_disabled> <output_disabled> <ql_rcv_option> <ql_rcv> <ql_use_option> <ql_use> <priority> <ql_snt_option> <ql_snt> <selected_source_class> <selected_source_ifh> <selected_source_clock_node> <selected_source_clock_id> <selected_source_clock_name>] <fsync-end>]

- show frequency synchronization clock-interface detail [__readonly__ [TABLE_fsync <source_class> <clock_node> <clock_id> <clock_name> <clock_state> <clock_type> <pd_down_reason> <selection_input> <wtr_time> <ssm_state> <ssm_support> <input_disabled> <input_damping_state> <input_damping_time> <cfgd_in_ql_min_option> <cfgd_in_ql_min> <cfgd_in_ql_max_option> <cfgd_in_ql_max> <cfgd_in_ql_exact_option> <cfgd_in_ql_exact> <effective_in_ql_option> <effective_in_ql> <priority> <tod_priority> <supp_freq> <supp_time> <loop_back> <output_disabled> <selected_source_class> <selected_source_ifh> <selected_source_clock_node> <selected_source_clock_id> <selected_source_clock_name> <selected_source_ql_option> <selected_source_ql> <cfgd_out_ql_min_option> <cfgd_out_ql_min> <cfgd_out_ql_max_option> <cfgd_out_ql_max> <cfgd_out_ql_exact_option> <cfgd_out_ql_exact> <effective_out_ql_option> <effective_out_ql> <squelched> <num_next_seln_points> <next_selection_points> + <current_clock_end>] <fsync-end>]

- show frequency synchronization configuration errors [__readonly__ [TABLE_fsync <fsync_src> <enable_err> <input_min_err> <input_exact_err> <input_max_err> <output_min_err> <output_exact_err> <output_max_err> <ext_ql_input_min_err> <ext_ql_input_exact_err> <ext_ql_input_max_err>

<ext_ql_output_min_err> <ext_ql_output_exact_err> <ext_ql_output_max_err> <input_output_mismatch> <input_min_ql> <input_min_ql_option> <input_exact_ql> <input_exact_ql_option> <input_max_ql> <input_max_ql_option> <output_min_ql> <output_min_ql_option> <output_exact_ql> <output_exact_ql_option> <output_max_ql> <output_max_ql_option> <cmd_src_index>] <fsync-end>]

- show frequency synchronization interface <if0> [__readonly__ <if_state> <selection_input> <wtr_time> <ssm_state> <esmc_peer_state> <esmc_peer_time_secs> <esmc_peer_time_nsecs> <last_ssm_time_secs> <last_ssm_time_nsecs> <peer_up_count> <peer_timeout_count> <esmc_infos_sent> <esmc_events_sent> <esmc_dnus_sent> <esmc_infos_rcvd> <esmc_events_rcvd> <esmc_dnus_rcvd> <esmc_malformed_rcvd> <esmc_rcvd_error> <input_damping_state> <input_damping_time> <last_rcvd_ql_option> <last_rcvd_ql> <cfgd_in_ql_min_option> <cfgd_in_ql_min> <cfgd_in_ql_max_option> <cfgd_in_ql_max> <cfgd_in_ql_exact_option> <cfgd_in_ql_exact> <effective_in_ql_option> <effective_in_ql> <priority> <tod_priority> <ql_data_rcvd_has_ext_data> <ql_data_rcvd_orig_clock_id> <ql_data_rcvd_synce_steps> <ql_data_rcvd_esynce_steps> <ql_data_rcvd_all_steps_synce> <ql_data_rcvd_chain_complete> <supp_freq> <supp_time> <selected_source_class> <selected_source_ifh> <selected_source_clock_node> <selected_source_clock_id> <selected_source_clock_name> <selected_source_ql_option> <selected_source_ql> <cfgd_out_ql_min_option> <cfgd_out_ql_min> <cfgd_out_ql_max_option> <cfgd_out_ql_max> <cfgd_out_ql_exact_option> <cfgd_out_ql_exact> <effective_out_ql_option> <effective_out_ql> <ql_data_to_send_has_ext_data> <ql_data_to_send_orig_clock_id> <ql_data_to_send_synce_steps> <ql_data_to_send_esynce_steps> <ql_data_to_send_all_steps_synce> <ql_data_to_send_chain_complete> <squelched> <num_next_seln_points> <next_selection_points> +]

- show frequency synchronization interface brief [__readonly__ [TABLE_fsync <fsync_port> <if_state> <assigned_for_selection> <ssm_state> <esmc_peer_state> <squelched> <ql_rcv_option> <ql_rcv> <ql_use_option> <ql_use> <priority> <ql_snt_option> <ql_snt> <selected_source_class> <selected_source_ifh> <selected_source_clock_node> <selected_source_clock_id> <selected_source_clock_name> <port_end>] <fsync-end>]

- show frequency synchronization selection [__readonly__ [TABLE_sp <seln_pt> <num_inputs> <num_inputs_selected> <last_programmed_secs> <last_programmed_nsecs> <last_selection_secs> <last_selection_nsecs> <spa_selection_points> + <spa_selection_points_num> <node_selection_points> + <node_selection_points_num> <chassis_selection_points> + <chassis_selection_points_num> <router_selection_points> + <router_selection_points_num> <tod_sp> <local_line_output> <local_clock_output> <local_tod_output> <stream_table_start> [TABLE_stream <output_id> <input> <last_sp> <ql> <tod_priority> <priority> <state>] <stream-end>] <sp-end>]

- show gnss-receiver { brief | detail | sync <clk-interface> } [__readonly__ [TABLE_gnss_rcvr <rcvrid-slot> <rcvrid-port> <enabled> <shutdown> <antijam_disable> <constellation> <snr_threshold> <elev_threshold> <pdop_threshold> <traim_threshold> <cable_delay_comp> <polarity_1pps> <available> <lock_status> <rx_mode> <survey_progress> <holdover_duration> <major_alarm> <minor_alarm> <pdop> <hdop> <vdop> <tdop> <latitude> <longitude> <altitude> <time> <fw_version> <utc_offset> <sat_data_known> <sat_count> [TABLE_satellite <prn> <channel_num> <acq_flag> <ephe_flag> <sv_type> <signal_strength>] <gnssrcvr-end>] <gnsstable-end>]

- show icam system [memory | shared-memory] [history <num_sample> [sort { usage [ascending | descending] | polled-timestamp [newest | oldest] }] | utilization | thresholds] [__readonly__ [<Info_Thres> <Warn_Thres> <Crit_Thres>] [{ TABLE_type <Type> [{ TABLE_item <Name> [<Instance>] [<Unit>] [<Limit>] [<Usage>] [<Util>] [<Thres_Exceeded> <Polled_TS>] [<Avg_Util>] [<Peak_Util> <Peak_TS>] [<Info_Thres_Exceed> <Info_Thres_Exceed_TS>

<Warn_Thres_Exceed> <Warn_Thres_Exceed_TS> <Crit_Thres_Exceed> <Crit_Thres_Exceed_TS>
] }] }]]

- show interface <ifeth_ctr_po> counters [snmp] [__readonly__ { TABLE_rx_counters <interface_rx>
  [<eth_inbytes>] [<eth_inucast>] [<eth_inmcast>] [<eth_inbcast>] [<eth_l3in_bytes>] [
  <eth_l3in_ucastpkts>] [<eth_l3in_mcastpkts>] [<eth_l3in_bcastpkts>] [<eth_l3in_ipv4bytes>] [
  <eth_l3in_ipv4pkts>] [<eth_l3in_ipv6bytes>] [<eth_l3in_ipv6pkts>] } { TABLE_tx_counters
  <interface_tx> [<eth_outbytes>] [<eth_outucast>] [<eth_outmcast>] [<eth_outbcast>] [
  <eth_l3out_bytes>] [<eth_l3out_ucastpkts>] [<eth_l3out_mcastpkts>] [<eth_l3out_bcastpkts>] [
  <eth_l3out_ipv4bytes>] [<eth_l3out_ipv4pkts>] [<eth_l3out_ipv6bytes>] [<eth_l3out_ipv6pkts>]
  }]

- show interface <ifindex> queuing-drop history detail <type> [__readonly__
  <show-interface-queuing-drop-history-detail-start> <show-hdr> <show-timestamp> <show-portnum>
  <tbl-data> <show-cr> <show-end>]

- show interface <ifveth> [__readonly__ TABLE_interface <interface> <state> [<state_rsn>]
  <state_rsn_desc> [<desc>] <veth_hw_desc> <veth_hw_addr> <veth_bia_addr> [<veth_conn_name>
  ] [<veth_conn_dev_name>] [<veth_vem_num>] [<veth_vmware_dvport_num>] [<veth_port_profile>
  ] <veth_mode> <veth_inrate_bits> <veth_inrate_pkts> <veth_outrate_bits> <veth_outrate_pkts>
  <veth_inpkts> <veth_inucast> <veth_inmcast> <veth_inbcast> <veth_inbytes> <veth_outpkts>
  <veth_outucast> <veth_outmcast> <veth_outbcast> <veth_outfloods> <veth_outbytes> <veth_inpktdrops>
  <veth_outpktdrops>]

- show interface [<ifindex>] queuing-drop history brief <type> [__readonly__
  <show-interface-queuing-drop-history-brief-start> <show-hdr> <show-timestamp> <tbl-data> <show-cr>
  <show-end>]

- show interface chassis-info [__readonly__ TABLE_chassis_info <chas_no> <chas_port> <slot_no>
  <port_no> <module_side> <chas_vendor> <chas_model> <chas_ser> <mod_vendor> <mod_model>
  <mod_ser> <mgmt_inst> <fab_id> <ver> <devtype> <chas_state> <chas_mac> <adapter_mode>]

- show interface counters fc [brief] [__readonly__ [{ TABLE_counters <sfp> { TABLE_input_rate
  <bit_per_sec> <bytes_per_sec> <frames_per_sec> } { TABLE_output_rate <bit_per_sec>
  <bytes_per_sec> <frames_per_sec> } { TABLE_input <frames> <bytes> [<class_2_frames>] [
  <class_2_bytes>] [<class_3_frames>] [<class_3_bytes>] [<class_f_frames>] [<class_f_bytes>] [
  <class_2_3_frames>] <discards> <errors> <crc_fcs> <unknown_class> <too_long> <too_short> } {
  TABLE_output <frames> <bytes> [<class_2_frames>] [<class_2_bytes>] [<class_3_frames>] [
  <class_3_bytes>] [<class_f_frames>] [<class_f_bytes>] [<class_2_3_frames>] [<discards>] [
  <errors>] [<crc_fcs>] } [<timeout_discards>] [<credit_loss>] [<input_ols>] [<input_lrr>] [
  <input_nos>] [<input_loop_inits>] [<output_ols>] [<output_lrr>] [<output_nos>] [
  <output_loop_inits>] [<link_faliures>] [<sync_loss>] [<signal_loss>] [<b2b_transmit>] [
  <b2b_receive>] [<txwait>] [<tx_credit_unavbl>] [<b2b_receive_remain>] [<b2b_transmit_remain>
  ] [<low_priority_b2b_remain>] [<off_seq_err_rcvd>] [<broadcast_frames>] [<errors>] [
  <queue_drops>] [<if_down_drops>] [<red_drops>] [<bad_ether_type_drops>] [
  <bad_protocol_drops>] [<arp_drops>] [<reass_frames>] [<timestamp_error>] [<rx_b2b_perf_buff>
  ] [<rx_b2b_credit>] [<tx_b2b_credit>] [<tx_b2b_low_pri_cre>] [<time_last_cleared>] }] [{
  TABLE_counters_brief <sfp> <fc_input_rate> <fc_frames_in> <fc_output_rate> <fc_frames_out> }]
  [{ TABLE_interface <interface> [<fcoe_in_pkts>] [<fcoe_in_octets>] [<fcoe_out_pkts>] [
  <fcoe_out_octets>] }]]

- show interface server-info interface { all | <ifname> } [__readonly__ TABLE_server_info <server_type>
  <port>]

- show lldp poe { interface <if0> } [__readonly__ <power-type> <power-source> <power-priority> <power-requested> <power-allocated>]

- show logging level [ip] igmp

- show logging level epbr

- show logging level fsync_mgr

- show logging level syncc

- show logging level tunnel-encryption

- show logging level { mfwd | mcastfwd }

- show mac-address-table [configured_macs] [__readonly__ TABLE_mac_address <disp_vlan> <disp_mac_addr> <disp_port>]

- show module <module1> port type [__readonly__ { TABLE_porttype <slot1> <port1> <opertype> <admintype> }]

- show mvpn mdt route [detail] [__readonly__ TABLE_vrf <out_context> [TABLE_mroute <src_addr> <grp_addr> <uptime> <ref_count> [<route_type>] [<group_mode>] [<route_flags>]]]

- show ngoam loop-detection status [vlan <vlan-range> [port <port-range>]] [history] [__readonly__ <top-line> [TABLE_loopdetection_status { <vlanId> <portId> <state> <numLoops> <loopDetectedTime> <loopClearedTime> }]]

- show ngoam loop-detection summary [__readonly__ [TABLE_loopdetection_summary { <enable> <periodic_probe_interval> <port_recovery_interval> <numVlans> <numPorts> <numLoops> <numPortsBlocked> <numVlansDisabled> <numPortsDisabled> <totalProbesSent> <totalProbesReceived> <nextProbeTime> <nextRecoveryTime> }]]

- show nve adjacency srv6 { l3vpn } [__readonly__ TABLE_nve_srv6_adj [{ <locator-ipv6> } <src-ip-ipv6> <function> <learn-mask> <pending-state> <adj-state>]]

- show nve peers srv6 { l3vpn } [locator <locator-ipv6>] [detail] [__readonly__ TABLE_nve_srv6_peers [[<detail>] [<locator-ipv6>] [<src-ip-ipv6>] [<peer-state>] [<uptime>] [<create-ts>] [<provision-state>]]]

- show nve srv6 { l3vpn } [__readonly__ [TABLE_nve_srv6 { <sm-state> }]]

- show power inline <inf> detail [__readonly__ { TABLE_intf_detail <intf> <power_mode> <oper_status> <device_det> <dev_type> <ieee_class> <disc_mech> <police_action> <interface_pri> <power_admin_value> <power_drawn_src> <power_avail_dev> <consump_at_port> <power_drawn_dev> <absent_count> <over_curr_count> <short_curr_count> <inv_sign_count> <power_denied_count> <four_pair_support> <spare_pair_support> }]

- show procmon dtx-perf

- show queuing llfc-queue [interface <if_list>] [module <module>] [detail] [__readonly__ [TABLE_queuing_interface <if_name_str> [TABLE_qosgrp_stats <eq-qosgrp> [TABLE_qosgrp_stats_entry <q-stat-type> <q-shutdown> <q-restored> <q-pkt-drained> <q-pkt-dropped> <q-total-pkt-dropped> <q-aggr-pkt-dropped> <q-ingr-pkt-dropped> <q-aggr-ingr-pkt-dropped>]] [TABLE_qosgrp_stats_summary <qosgrp-summary>]]]

- show running-config epbr

- show running-config fsync_mgr [all]

- show running-config kafka [all]

- show running-config syncc [all]

- show running-config tunnel-encryption

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

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

- show software authenticity keys [__readonly__ [TABLE_sh_keys <key_num> <key_type> <pub_key_algo> <modulus> <exponent> <key_version> [<product_name>]]]

- show software authenticity { file <uri0> | running } [__readonly__ [TABLE_filekey <image> <image_type> <signer_cname> [<signer_org_unit>] <signer_org_name> <cert_serial_num> <hash_algo> <signature_algo> [<key_version>] [<verifier_name> <verifier_version>]]]

- show startup-config epbr

- show startup-config fsync_mgr [all]

- show startup-config syncc [all]

- show startup-config tunnel-encryption

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

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

- show tech-support epbr

- show tech-support forwarding multicast nat

- show tech-support frequency synchronization

- show tech-support fsync_mgr [detail]

- show tech-support tunnel-encryption [detail]

- show tunnel-encryption info global

- show tunnel-encryption policy [<policy_name>] [__readonly__ { TABLE_tun_enc_policy <name> <cipher_suite> <window_size> <conf_offset> <security_policy> <sak-expiry-time> <include_icv_indicator> }]

- show tunnel-encryption session [peer-ip <peer_ipaddress_v4>] [detail] [__readonly__ [TABLE_tem_session <PeerAddr> <PolicyName> <KCName> <RxStatus> <TxStatus>] [TABLE_tem_session_detail <PeerAddr> <PolicyName> <KCName> <CKN> <RxStatus> <TxStatus> <peersci> <rxsa_latest_an> <rxsa_old_an> <rxsa_cs> <rxsa_winsize> <txsa_an> <txsa_cs> <txsa_ckn> <last_rx_flap> <last_tx_flap> <last_sak_rekey_time>]]

- show tunnel-encryption statistics [peer-ip <peer_ipaddress_v4>] [__readonly__ [TABLE_statistics <PeerAddr> [TABLE_rx_sa_an <rx_sa_an> [<in_pkts_unchecked>] [<in_pkts_delayed>] [<in_pkts_late>] [<in_pkts_ok>] [<in_pkts_invalid>] [<in_pkts_not_valid>] [<in_pkts_not_using_sa>] [<in_pkts_unused_sa>] [<in_pkts_decrypted>] [<in_octets_decrypted>] [<in_octets_validated>]] [TABLE_tx_sa_an <tx_sa_an> [<out_pkts_encrypted_protected>] [<out_pkts_too_long>] [<out_pkts_untagged>] [<out_octets_encrypted_protected>]]]]

- show upgrade history [__readonly__ { [TABLE_installHistory <installHistoryStr>] }]

- show zone smart-zoning auto-conv log errors

- show zone smart-zoning auto-conv status vsan <i0>

Changed Commands

The following commands are modified in this release.

- OLD: show [<ip_ipv6_mac>] access-lists [<name>] [capture session <capture_session>] [<expanded> | <summary> | <private> | <brief> | <stats-detail>] [__readonly__ TABLE_ip_ipv6_mac <op_ip_ipv6_mac> <show_summary> <acl_name> [<statistics>] [<frag_opt_permit_deny>] [<global_capture_session>] [TABLE_seqno <seqno> { <permitdeny> [<proto_str> | <proto> | <ip> | <ipv6>] { <src_any> | <src_ip_prefix> | <src_ip_addr> <src_ip_mask> | <src_ipv6_prefix> | <src_ipv6_addr> <src_ipv6_mask> | <mac_src> <mac_src_wild> | <src_addrgrp> } [<src_port_op> [<src_port1_str>] { <src_port1_num> } [<src_port2_str> | <src_port2_num>] | <src_portgrp>] { <dest_any> | <dest_ip_prefix> | <dest_ip_addr> <dest_ip_mask> | <dest_ipv6_prefix> | <dest_ipv6_addr> <dest_ipv6_mask> | <mac_dest> <mac_dest_wild> | <dest_addrgrp> } [<dest_port_op> [<dest_port1_str>] { <dest_port1_num> } [<dest_port2_str> | <dest_port2_num>] | <dest_portgrp>] [{ <icmp_type> [<icmp_code>] | <icmp_str> } | { <icmpv6_type> [<icmpv6_code>] | <icmpv6_str> }] [<igmp_type> | <igmp_type_str>] [[<precedence> | <precedence_str>] [<tos> | <tos_str>] | [<dscp> | <dscp_str>] | [<ttl>]] [<log>] [<udfs>] [<capture_session>] [<fragments>] [<plen_op> <plen1> [<plen2>]] [<urg>] [<ack>] [<psh>] [<rst>] [<syn>] [<fin>] [<established>] [<http-method> | <http_opt_str>] [<tcp-option-length>] [<tcp-flags-mask>] [<flow_label>] [<timerange>] [<eth_proto> | <eth_proto_str>] [<vlan>] [<cos>] [<match_count>] | [TABLE_match <module> <module_match_count>] | [<nve_vni>] | <remark> [<action> <actionid>] }] [ethertype <ethertypeid> | vlan <vlanid> | ingress_intf { <intfid> | <intfname> } | vlan_priority <vlanpriorityid>] + [[<stats_enabled>] [<frag_option>] [<ign_rtable>] { <num_ace> } { <conf_if_header> } [<conf_if>] { <active_if_header> } [<active_if>]]]

- NEW: show [<ip_ipv6_mac>] access-lists [<name>] [capture session <capture_session>] [<expanded> | <summary> | <private> | <brief> | <stats-detail>] [__readonly__ TABLE_ip_ipv6_mac <op_ip_ipv6_mac> <show_summary> <acl_name> [<statistics>] [<frag_opt_permit_deny>] [<global_capture_session>] [TABLE_seqno <seqno> { <permitdeny> [<proto_str> | <proto> | <ip> | <ipv6>] { <src_any> | <src_ip_prefix> | <src_ip_addr> <src_ip_mask> | <src_ipv6_prefix> | <src_ipv6_addr> <src_ipv6_mask> | <mac_src> <mac_src_wild> | <src_addrgrp> } [<src_port_op> [<src_port1_str>] { <src_port1_num> } [<src_port2_str> | <src_port2_num>] | <src_portgrp>] { <dest_any> | <dest_ip_prefix> | <dest_ip_addr> <dest_ip_mask> | <dest_ipv6_prefix> | <dest_ipv6_addr> <dest_ipv6_mask> | <mac_dest> <mac_dest_wild> | <dest_addrgrp> } [<dest_port_op> [<dest_port1_str>] { <dest_port1_num> } [<dest_port2_str> | <dest_port2_num>] | <dest_portgrp>] [{ <icmp_type> [<icmp_code>] | <icmp_str> } | { <icmpv6_type> [<icmpv6_code>] | <icmpv6_str> }] [<igmp_type> | <igmp_type_str>] [[<precedence> | <precedence_str>] [<tos> | <tos_str>] | [<dscp> [<dscp_mask>] | <dscp_str>] | [<ttl>]] [<log>] [<telemetry_queue>] [<telemetry_path>] [<udfs>] [<capture_session>] [<fragments>] [<plen_op> <plen1> [<plen2>]] [<urg>] [<ack>] [<psh>] [<rst>] [<syn>] [<fin>] [<established>] [<http-method> | <http_opt_str>] [<tcp-option-length>] [<tcp-flags-mask>] [<flow_label>] [<timerange>] [<eth_proto> | <eth_proto_str>] [<vlan>] [<cos>] [<match_count>] | [TABLE_match <module> <module_match_count>] | [<nve_vni>] | <remark> [<action> <actionid>] }] [ethertype <ethertypeid> | vlan <vlanid> | ingress_intf { <intfid> | <intfname> } | vlan_priority <vlanpriorityid>] + [[<stats_enabled>] [<frag_option>] [<ign_rtable>] { <num_ace> } { <conf_if_header> } [<conf_if>] { <active_if_header> } [<active_if>]]]

- OLD: show [ip] bgp peer-template [<peer-template-name>] [__readonly__ { TABLE_neighbor <templatepeer> [<remoteas>] [<inherit-template>] [<inherit-session-template>] [{ <prefix-parent> | <ipv6prefix-parent> | <interface-parent> }] [<description>] [<sourceif>] [<connectedcheck>] [<lowmemexempt>] [<bfd>] [<bfdmintxinterval>] [<bfdminrxinterval>] [<bfdmultiplier>] [<bfdauthenticationtype>] [<ttlsecurity>] [<ttllimit>] [<dscp>] [<password>] [<passiveonly>] <localas-inactive> [<remove-privateas>] [<configholdtime> <configkeepalivetime>] [TABLE_peraf <per-afi> TABLE_persaf <per-safi> <per-af-name> [<tableversion>] [<neighbortableversion>] [<pfxrecvd>] [<pathsrecvd>] [<pfxbytes>] [<pfxtreataswithdrawn>] [<pfxsent>] [<pathssent>] [<conditionmap> <advertisemap> <advertisemapstatus>] <insoftreconfigallowed> [<insoftreconfigallowedalways>] [<sendcommunity>] [<sendextcommunity>] [{ <localnexthop> | <ipv6localnexthop> }] [<thirdpartynexthop>] [<maxpfx>] [<maxpfx_threshold>] [<soo>] [<weight>] [<allowasin>] <asoverride> <peerascheckdisabled> [<vplssignalingprotocol>] [{ TABLE_inpolicy <inpolicynr> <inpolicytype> <inpolicyname> [<inpolicyhandle>] }] [{ TABLE_outpolicy <outpolicynr> <outpolicytype> <outpolicyname> [<outpolicyhandle>] }] <rrconfigured> <defaultoriginate> [<defaultoriginatermap>] [<defaultsent>] [<grpathssaved>] [<firsteorrecvd>] [<firsteortime>] [<pathsflushed>] [<lasteorrecvtime>] [<lasteorsenttime>] [<firstconvgtime>] [<pfxsentfirsteor>] [<unsuppress-map>] [{ TABLE_policy_template <preference> <inherit-policy-template> }]] [TABLE_vrf <vrf-name> [TABLE_inheritingpeer <inheritingpeer> [<interface-parent>]]] }]

- NEW: show [ip] bgp peer-template [<peer-template-name>] [__readonly__ { TABLE_neighbor <templatepeer> [<remoteas>] [<inherit-template>] [<inherit-session-template>] [{ <prefix-parent> | <ipv6prefix-parent> | <interface-parent> }] [<description>] [<sourceif>] [<connectedcheck>] [<lowmemexempt>] [<bfd>] [<bfdmintxinterval>] [<bfdminrxinterval>] [<bfdmultiplier>] [<bfdauthenticationtype>] [<ttlsecurity>] [<ttllimit>] [<dscp>] [<password>] [<passiveonly>] <localas-inactive> [<remove-privateas>] [<gshut-activate>] [<gshut-map>] [<configholdtime> <configkeepalivetime>] [TABLE_peraf <per-afi> TABLE_persaf <per-safi> <per-af-name> [<tableversion>] [<neighbortableversion>] [<pfxrecvd>] [<pathsrecvd>] [<pfxbytes>] [<pfxtreataswithdrawn>] [<pfxsent>] [<pathssent>] [<conditionmap> <advertisemap> <advertisemapstatus>] <insoftreconfigallowed> [<insoftreconfigallowedalways>] [<sendcommunity>] [<sendextcommunity>] [{ <localnexthop> | <ipv6localnexthop> }] [<thirdpartynexthop>] [<maxpfx>] [<maxpfx_threshold>] [<soo>] [<weight>] [<allowasin>] <asoverride> <peerascheckdisabled> [<vplssignalingprotocol>] [{ TABLE_inpolicy <inpolicynr> <inpolicytype> <inpolicyname> [<inpolicyhandle>] }] [{ TABLE_outpolicy <outpolicynr> <outpolicytype> <outpolicyname> [<outpolicyhandle>] }] <rrconfigured> <defaultoriginate> [<defaultoriginatermap>] [<defaultsent>] [<grpathssaved>] [<firsteorrecvd>] [<firsteortime>] [<pathsflushed>] [<lasteorrecvtime>] [<lasteorsenttime>] [<firstconvgtime>] [<pfxsentfirsteor>] [<unsuppress-map>] [{ TABLE_policy_template <preference> <inherit-policy-template> }]] [TABLE_vrf <vrf-name> [TABLE_inheritingpeer <inheritingpeer> [<interface-parent>]]] }]

- OLD: show [ipv6] ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_ctx <ptag> <instance_number> <cname> <rid> <stateful_ha> <gr_ha> [[<gr_planned_only>] [<gr_grace_period>] [<gr_state>] [<gr_last_status>]] [<gr_helper_mode>] <support_tos0_only> <support_opaque_lsa> [<low_mem_cond>] <is_abr> <is_asbr> [<max_lsa_non_self_number>] [<max_lsa_state>] [<max_lsa_warning_only>] [<max_lsa_current_non_self_lsa_number>] [<max_lsa_threshold_pct>] [<max_lsa_ignore_time>] [<max_lsa_reset_time>] [<max_lsa_ignore_count>] [<max_lsa_current_ignore_count>] [<max_lsa_ignore_time_left>] [<max_lsa_reset_time_left>] [<max_lsa_permanent_ignore>] [{ TABLE_redist <proto> [<max_lsas>] [<warning>] [<threshold>] [<current_count>] }] <admin_dist> <ref_bw> <spf_start_time> <spf_hold_time> <spf_max_time> <lsa_start_time> <lsa_hold_time> <lsa_max_time> <min_lsa_arr_time> <lsa_aging_pace> <spf_max_paths> <max_metric_adver> [[<max_metric_time_left>] [<max_metric_wait_bgp>] [<max_metric_timeout>] [<max_metric_always>] [<max_metric_sum_lsa>] [<max_metric_ext_lsa>]] <asext_lsa_cnt> <asext_lsa_crc> <area_total>

<area_normal> <area_stub> <area_nssa> <act_area_total> <act_area_normal> <act_area_stub> <act_area_nssa> [<name_lookup>] <no_discard_rt_ext> <no_discard_rt_int> [<passive_dflt>] [<bfd_enabled>] [<ipsec_sa_type>] [<ipsec_sa_algorithm>] [<ipsec_sa_spi>] [{ TABLE_area <aname> [<backbone_active>] [<active>] <age> <total_intf> <act_intf> <passive_intf> <loopback_intf> [<gr_nbr_cnt>] <stub> [<stub_def_cost>] <nssa> [<no_redist>] [<nssa_trans>] <no_summary> [<ipsec_sa_type>] [<ipsec_sa_algorithm>] [<ipsec_sa_spi>] <spf_runs> <last_spf_run_time> [TABLE_range <addr> <masklen> <state> <nets> <advertise> [<cost>]] [<filter_in>] [<filter_out>] <lsa_cnt> <lsa_crc> }]]

- NEW: show [ipv6] ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_ctx <ptag> <instance_number> <cname> <rid> <stateful_ha> <gr_ha> [[<gr_planned_only>] [<gr_grace_period>] [<gr_state>] [<gr_last_status>]] [<gr_helper_mode>] <support_tos0_only> <support_opaque_lsa> [<low_mem_cond>] <is_abr> <is_asbr> [<max_lsa_non_self_number>] [<max_lsa_state>] [<max_lsa_warning_only>] [<max_lsa_current_non_self_lsa_number>] [<max_lsa_threshold_pct>] [<max_lsa_ignore_time>] [<max_lsa_reset_time>] [<max_lsa_ignore_count>] [<max_lsa_current_ignore_count>] [<max_lsa_ignore_time_left>] [<max_lsa_reset_time_left>] [<max_lsa_permanent_ignore>] [{ TABLE_redist <proto> [<max_lsas>] [<warning>] [<threshold>] [<current_count>] }] <admin_dist> <ref_bw> <spf_start_time> <spf_hold_time> <spf_max_time> <lsa_start_time> <lsa_hold_time> <lsa_max_time> <min_lsa_arr_time> <lsa_aging_pace> <spf_max_paths> <max_metric_adver> [[<max_metric_time_left>] [<max_metric_wait_bgp>] [<max_metric_timeout>] [<max_metric_always>] [<max_metric_sum_lsa>] [<max_metric_ext_lsa>]] <asext_lsa_cnt> <asext_lsa_crc> <area_total> <area_normal> <area_stub> <area_nssa> <act_area_total> <act_area_normal> <act_area_stub> <act_area_nssa> [<name_lookup>] <no_discard_rt_ext> <no_discard_rt_int> [<passive_dflt>] [<bfd_enabled>] [<ipsec_sa_type>] [<ipsec_sa_algorithm>] [<ipsec_sa_spi>] [<num_new_lsa_tx>] [<num_new_lsa_rx>] [{ TABLE_area <aname> [<backbone_active>] [<active>] <age> <total_intf> <act_intf> <passive_intf> <loopback_intf> [<gr_nbr_cnt>] <stub> [<stub_def_cost>] <nssa> [<no_redist>] [<nssa_trans>] <no_summary> [<ipsec_sa_type>] [<ipsec_sa_algorithm>] [<ipsec_sa_spi>] <spf_runs> <last_spf_run_time> [TABLE_range <addr> <masklen> <state> <nets> <advertise> [<cost>]] [<filter_in>] [<filter_out>] <lsa_cnt> <lsa_crc> }]]

- OLD: show [ipv6] ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] interface [<interface> | vrf { <vrf-name> | <vrf-known-name> | all }] [private] [__readonly__ TABLE_ctx <ptag> <cname> [TABLE_intf <ifname> <admin_status> <proto_status> <addr> [<masklen>] [<inst_id>] <area> [<if_cfg>] <state_str> <type_str> <cost> [<ipsec_sa_type>] [<ipsec_sa_algorithm>] [<ipsec_sa_spi>] [<bfd_enabled>] <index> [<passive>] [<mpls>] [<transmit_delay>] [<if_priority>] [<dr_rid>] [<dr_addr>] [<bdr_rid>] [<bdr_addr>] [<nbr_total>] [<nbr_flood>] [<nbr_adjs>] [<gr_nbr>] [<hello_interval>] [<dead_interval>] [<wait_interval>] [<rxmt_interval>] [<hello_timer>] [<wait_timer>] [<lsu_timer>] [<lsack_timer>] [<link_lsa_cnt>] [<link_lsa_crc>] [<multi_area_cnt>] [<multi_area_adj>]]]

- NEW: show [ipv6] ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] interface [<interface> | vrf { <vrf-name> | <vrf-known-name> | all }] [private] [__readonly__ TABLE_ctx <ptag> <cname> [TABLE_intf <ifname> <admin_status> <proto_status> <addr> [<masklen>] [<inst_id>] <area> [<if_cfg>] <state_str> <type_str> <cost> [<ipsec_sa_type>] [<ipsec_sa_algorithm>] [<ipsec_sa_spi>] [<bfd_enabled>] <index> [<passive>] [<mpls>] [<transmit_delay>] [<if_priority>] [<dr_rid>] [<dr_addr>] [<bdr_rid>] [<bdr_addr>] [<nbr_total>] [<nbr_flood>] [<nbr_adjs>] [<gr_nbr>] [<hello_interval>] [<dead_interval>] [<wait_interval>] [<rxmt_interval>] [<hello_timer>] [<wait_timer>] [<lsu_timer>] [<lsack_timer>] [<link_lsa_cnt>] [<link_lsa_crc>] [<multi_area_cnt>] [<multi_area_adj>] [<state_chg_cnt>]]]

- OLD: show bgp [internal] event-history { cli | detail | errors | events | logs | msgs | objstore | periodic | sdwrap-errors | socket }

- NEW: show bgp [internal] event-history { cli | detail | errors | events | logs | msgs | objstore | periodic | sdwrap-errors | socket | nve }

- OLD: show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] process [detail] [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] [__readonly__ [<processid> <protocolstartedreason> <protocoltag> <protocolstate> <isolatemode> <gshut-aware> <gshut-activate> [<gshut-map>] <mmode> <memorystate> [<mallocmemorystate>] [<platformmemorystate>] [<lowmemorytimer>] [<issu>] <forwardingstatesaved> <asformat> [<fabricsoo>] [<srgbmin> <srgbmax>] [<epeconfiguredpeers> <epeactivepeers>] <attributeentries> <hwmattributeentries> <bytesused> <entriespendingdelete> <hwmentriespendingdelete> <pathsperattribute> <aspathentries> <aspathbytes>] TABLE_vrf <vrf-name-out> [<vrf-id>] [<vrf-state>] [<vrf-state-rsn>] [<vrf-delete-pending>] [<vrf-evpn-mpls>] [<vrf-vni-id>] [<vrf-vni-id-valid>] [<vrf-topo-id>] [<vrf-encap-type>] [<vrf-vtep-ip>] [<vrf-vtep-virtual-ip>] [<vrf-vtep-vipr>] [<vrf-router-mac>] [<vrf-vip-router-mac>] [<vrf-vipr-router-mac>] [<vrf-router-id>] [<vrf-cfgd-id>] [<vrf-local-as>] [<vrf-confed-id>] [<vrf-cluster-id>] [<vrf-reconnect-interval>] [<vrf-peers>] [<vrf-pending-peers>] [<vrf-est-peers>] [<vrf-cfgd-max-as-limit>] [<vrf-max-as-limit>] [<vrf-rd-configured>] [<vrf-rd>] [<vrf-pending-rd>] { TABLE_af <af-id> [<af-name>] [<af-table-id>] [<af-state>] [<af-state-rsn>] [<af-num-peers>] [<af-num-active-peers>] [<af-peer-routes>] [<af-peer-paths>] [<af-peer-networks>] [<af-peer-aggregates>] [<af-export-rmap>] [<af-import-rmap>] [<af-retain-rt>] [{ TABLE_redist <protocol> <route-map> }] <wait-igp-convergence> [{ TABLE_add_paths_selection <route-map> }] [TABLE_export_rt <export-rt>] [TABLE_import_rt <import-rt>] [TABLE_evpn_export_rt <evpn-export-rt>] [TABLE_evpn_import_rt <evpn-import-rt>] [TABLE_mvpn_export_rt <mvpn-export-rt>] [TABLE_mvpn_import_rt <mvpn-import-rt>] [<af-label-mode>] [<af-aggregate-label>] [<af-alloc-index>] [<srv6-sid-locator-name>] [<srv6-sid-locator-id>] [<srv6-sid-locator-prefix>] [<srv6-sid-src-enc-address>] [<srv6-vrf-sid-alloc>] [<srv6-vrf-dt46-sid>] [<srv6-vrf-dt-sid-alloc-pending>] [<srv6-vrf-dt-sid-del-pending>] [<srv6-vrf-sid-alloc-pending-reason>] [<srv6-tbl-sid-alloc>] [<srv6-tbl-dt-type>] [<srv6-tbl-dt-sid>] [<srv6-tbl-dt-sid-alloc-pending>] [<srv6-tbl-dt-sid-del-pending>] [<srv6-tbl-dt-sid-alloc-pending-reason>] [<srv6-alloc-mode>] [<importdefault_prefixlimit> <importdefault_prefixcount> <importdefault_map> <importdefault_advertisevpn>] <import_vrf_advertisevpn> [<exportdefault_prefixlimit> <exportdefault_prefixcount> <exportdefault_map> <exportdefault_allowvpn>] <export_vrf_allowvpn> <af-rr> <default-information-enabled> [<default-information-rd> <default-information-rt>] <nexthop-trigger-delay-critical> <nexthop-trigger-delay-non-critical> [<nexthop-route-map>] }]

- NEW: show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] process [detail] [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] [__readonly__ [<processid> <protocolstartedreason> <protocoltag> <protocolstate> <isolatemode> <gshut-aware> <gshut-activate> [<gshut-map>] <mmode> <memorystate> [<mallocmemorystate>] [<platformmemorystate>] [<lowmemorytimer>] [<issu>] <forwardingstatesaved> <asformat> [<fabricsoo>] [<srgbmin> <srgbmax>] [<epeconfiguredpeers> <epeactivepeers>] <attributeentries> <hwmattributeentries> <bytesused> <entriespendingdelete> <hwmentriespendingdelete> <pathsperattribute> <aspathentries> <aspathbytes>] TABLE_vrf <vrf-name-out> [<vrf-id>] [<vrf-state>] [<vrf-state-rsn>] [<vrf-delete-pending>] [<vrf-evpn-mpls>] [<vrf-vni-id>] [<vrf-vni-id-valid>] [<vrf-topo-id>] [<vrf-encap-type>] [<vrf-vtep-ip>] [<vrf-vtep-virtual-ip>] [<vrf-vtep-vipr>] [<vrf-router-mac>] [<vrf-vip-router-mac>] [<vrf-vipr-router-mac>] [<vrf-router-id>] [<vrf-cfgd-id>] [<vrf-local-as>] [<vrf-confed-id>] [<vrf-cluster-id>] [<vrf-reconnect-interval>] [<vrf-peers>] [<vrf-pending-peers>] [<vrf-est-peers>] [<vrf-cfgd-max-as-limit>] [<vrf-max-as-limit>] [<vrf-rd-configured>] [<vrf-rd>] [<vrf-secondary-rd-configured>] [<vrf-secondary-rd>] [

<vrf-pending-rd>] [<vrf-pending-secondary-rd>] { TABLE_af <af-id> [<af-name>] [<af-table-id>
] [<af-state>] [<af-state-rsn>] [<af-num-peers>] [<af-num-active-peers>] [<af-peer-routes>] [
<af-peer-paths>] [<af-peer-networks>] [<af-peer-aggregates>] [<af-export-rmap>] [<af-import-rmap>
] [<af-retain-rt>] [{ TABLE_redist <protocol> <route-map> }] <wait-igp-convergence> [{
TABLE_add_paths_selection <route-map> }] [TABLE_export_rt <export-rt>] [TABLE_import_rt
<import-rt>] [TABLE_evpn_export_rt <evpn-export-rt>] [TABLE_evpn_import_rt <evpn-import-rt>
] [TABLE_mvpn_export_rt <mvpn-export-rt>] [TABLE_mvpn_import_rt <mvpn-import-rt>] [
<af-label-mode>] [<af-aggregate-label>] [<af-alloc-index>] [<srv6-sid-locator-name>] [
<srv6-sid-locator-id>] [<srv6-sid-locator-prefix>] [<srv6-sid-src-enc-address>] [<srv6-vrf-sid-alloc>
] [<srv6-vrf-dt46-sid>] [<srv6-vrf-dt-sid-alloc-pending>] [<srv6-vrf-dt-sid-del-pending>] [
<srv6-vrf-sid-alloc-pending-reason>] [<srv6-tbl-sid-alloc>] [<srv6-tbl-dt-type>] [<srv6-tbl-dt-sid>
] [<srv6-tbl-dt-sid-alloc-pending>] [<srv6-tbl-dt-sid-del-pending>] [
<srv6-tbl-dt-sid-alloc-pending-reason>] [<srv6-alloc-mode>] [<importdefault_prefixlimit>
<importdefault_prefixcount> <importdefault_map> <importdefault_advertisevpn>]
<import_vrf_advertisevpn> [<exportdefault_prefixlimit> <exportdefault_prefixcount>
<exportdefault_map> <exportdefault_allowvpn>] <export_vrf_allowvpn> <af-rr>
<default-information-enabled> [<default-information-rd> <default-information-rt>]
<nexthop-trigger-delay-critical> <nexthop-trigger-delay-non-critical> [<nexthop-route-map>] }]

- OLD: show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 {
unicast | multicast } | ipv4 mdt [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv4 unicast
[rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | link-state | l2vpn vpls [rd {
<ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | l2vpn evpn [rd { <ext-comm-rd-aa2nn4> |
<ext-comm-rd-aa4nn2> }] | ipv4 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] |
ipv4 labeled-unicast | ipv6 { unicast | multicast } | vpnv6 unicast [rd { <ext-comm-rd-aa2nn4> |
<ext-comm-rd-aa4nn2> }] | ipv6 labeled-unicast | ipv6 mvpn [rd { <ext-comm-rd-aa2nn4> |
<ext-comm-rd-aa4nn2> }] } path-attribute { discard | unknown } [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>] [
<table-map-filtered>] [<export-on-newlist> <export-on-xmitlist>] [<srv6-local-sid>] [<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>
<pathnolabeledrnh> <pathlocator>] [<importsource> [<originalimportsource>]] [<importdestscount>
] [TABLE_importdests <importdest>] [<existpath>] [<aspath> <source>] { <ipnexthop> |
<ipv6nexthop> } <nexthopmetric> { <neighbor> | <ipv6neighbor> } <neighborid> <origin> [<metric>
] <localpref> <weight> [<aggregator> <aggregatoras> <atomicaggregate>] [<inlabel>] [<originflag>
] [{ TABLE_community <community> }] [{ TABLE_extcommunity <extcommunity> }] [
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- NEW: show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv4 mdt [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv4 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | link-state | l2vpn vpls [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | l2vpn evpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 labeled-unicast | ipv6 { unicast | multicast } | vpnv6 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 labeled-unicast | ipv6 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] } path-attribute { discard | unknown } [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>] [<table-map-filtered>] [<export-on-newlist> <export-on-xmitlist>] [<srv6-local-sid>] [<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> <pathreoriginated> <pathdeleted> <pathstaled> <pathhistory> <pathovermaxaslimit> <pathmultipath> <pathnolabeledrnh> <pathlocator>] [<importsource> [<originalimportsource>]] [<importdestscount>] [TABLE_importdests <importdest>] [<existpath>] [<gwip> | <ipv6gwip>] [<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> <flaphalflife> <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_sub_type> <psid_v6sid> <psid_func_len> <psid_trans_len> <psid_trans_off>] [<psid_origsrgb_len> <psid_origsrgb_flag> <psid_origsrgb_base> <psid_origsrgb_end>]] [<remotenh> <remotenh_encap> <remotenh_vnid> <remotenh_mac>] [<pmsi>] [<evpn-esi>] [<link-state-attr> <link-state-attr-len>] [<tunnel-encap-attr-len>] [<mdt_grp_addr>] [TABLE_path_attr_list <path_attr_list> [TABLE_attr <attr_num> <attr_code_str> <attr_code_hex> <attr_flags> <attr_len> [TABLE_attr_val <attr_value>]]] } } } [TABLE_advertisedto <advertisedto>] [TABLE_scheduledto <scheduledto>]]]]

- OLD: show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | all } 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>] [<table-map-filtered>] [<export-on-newlist> <export-on-xmitlist>] [<srv6-local-sid>] [<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> <pathnolabeledrnh> <pathlocator>] [<importsource> [<originalimportsource>]] [<importdestscount>] [TABLE_importdests <importdest>] [<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> <flaphalflife> <flapreuse> <flapsuppress> <flapmax>] [<con_type> <con_len>

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- NEW: show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | all } 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>] [<table-map-filtered>] [<export-on-newlist> <export-on-xmitlist>] [<srv6-local-sid>] [<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> <pathreoriginated> <pathdeleted> <pathstaled> <pathhistory> <pathovermaxaslimit> <pathmultipath> <pathnolabeledrnh> <pathlocator>] [<importsource> [<originalimportsource>]] [<importdestscount>] [TABLE_importdests <importdest>] [<existpath>] [<gwip> | <ipv6gwip>] [<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> <flaphalflife> <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_sub_type> <psid_v6sid> <psid_func_len> <psid_trans_len> <psid_trans_off>] [<psid_origsrgb_len> <psid_origsrgb_flag> <psid_origsrgb_base> <psid_origsrgb_end>]] [<remotenh> <remotenh_encap> <remotenh_vnid> <remotenh_mac>] [<pmsi>] [<evpn-esi>] [<link-state-attr> <link-state-attr-len>] [<tunnel-encap-attr-len>] [<mdt_grp_addr>] [TABLE_path_attr_list <path_attr_list> [TABLE_attr <attr_num> <attr_code_str> <attr_code_hex> <attr_flags> <attr_len> [TABLE_attr_val <attr_value>]]] } } } [TABLE_advertisedto <advertisedto>] [TABLE_scheduledto <scheduledto>]]]]

- OLD: show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | all } self-originated [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>] [<table-map-filtered>] [<export-on-newlist> <export-on-xmitlist>] [<srv6-local-sid>] [<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> <pathnolabeledrnh> <pathlocator>] [<importsource> [<originalimportsource>]] [<importdestscount>] [TABLE_importdests <importdest>] [<existpath>] [<aspath> <source>] { <ipnexthop> | <ipv6nexthop> } <nexthopmetric> { <neighbor> | <ipv6neighbor> } <neighborid> <origin> [<metric>] <localpref> <weight> [<aggregator> <aggregatoras> <atomicaggregate>] [<inlabel>] [<originflag>] [{ TABLE_community <community> }] [{ TABLE_extcommunity <extcommunity> }] [

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- NEW: show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | all } self-originated [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>] [<table-map-filtered>] [<export-on-newlist> <export-on-xmitlist>] [<srv6-local-sid>] [<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> <pathreoriginated> <pathdeleted> <pathstaled> <pathhistory> <pathovermaxaslimit> <pathmultipath> <pathnolabeledrnh> <pathlocator>] [<importsource> [<originalimportsource>]] [<importdestscount>] [TABLE_importdests <importdest>] [<existpath>] [<gwip> | <ipv6gwip>] [<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> <flaphalflife> <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_sub_type> <psid_v6sid> <psid_func_len> <psid_trans_len> <psid_trans_off>] [<psid_origsrgb_len> <psid_origsrgb_flag> <psid_origsrgb_base> <psid_origsrgb_end>]] [<remotenh> <remotenh_encap> <remotenh_vnid> <remotenh_mac>] [<pmsi>] [<evpn-esi>] [<link-state-attr> <link-state-attr-len>] [<tunnel-encap-attr-len>] [<mdt_grp_addr>] [TABLE_path_attr_list <path_attr_list> [TABLE_attr <attr_num> <attr_code_str> <attr_code_hex> <attr_flags> <attr_len> [TABLE_attr_val <attr_value>]]] } } } [TABLE_advertisedto <advertisedto>] [TABLE_scheduledto <scheduledto>]]]]

- OLD: show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | all } summary [__readonly__ TABLE_vrf <vrf-name-out> [<vrf-id>] [<vrf-state>] [<vrf-state-rsn>] [<vrf-delete-pending>] [<vrf-evpn-mpls>] [<vrf-vni-id>] [<vrf-vni-id-valid>] [<vrf-topo-id>] [<vrf-encap-type>] [<vrf-vtep-ip>] [<vrf-vtep-virtual-ip>] [<vrf-vtep-vipr>] [<vrf-router-mac>] [<vrf-vip-router-mac>] [<vrf-vipr-router-mac>] [<vrf-router-id>] [<vrf-cfgd-id>] [<vrf-local-as>] [<vrf-confed-id>] [<vrf-cluster-id>] [<vrf-reconnect-interval>] [<vrf-peers>] [<vrf-pending-peers>] [<vrf-est-peers>] [<vrf-cfgd-max-as-limit>] [<vrf-max-as-limit>] [<vrf-rd-configured>] [<vrf-rd>] [<vrf-pending-rd>] [TABLE_af <af-id> [<af-name>] [<af-table-id>] [<af-state>] [<af-state-rsn>] [<af-num-peers>] [<af-num-active-peers>] [<af-peer-routes>] [<af-peer-paths>] [<af-peer-networks>] [<af-peer-aggregates>] [<af-export-rmap>] [<af-import-rmap>] [<af-retain-rt>] TABLE_saf <safi> [<af-name>] [<tableversion>] [<configuredpeers>] [<capablepeers>] [<totalnetworks>] [<totalpaths>] [<memoryused>] [<numberattrs>] [<bytesattrs>] [<numberpaths>] [<bytespaths>] [<numbercommunities>] [<bytescommunities>] [<numberclusterlist>] [<bytesclusterlist>] [

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- NEW: show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | all } summary [__readonly__ TABLE_vrf <vrf-name-out> [<vrf-id>] [<vrf-state>] [<vrf-state-rsn>] [<vrf-delete-pending>] [<vrf-evpn-mpls>] [<vrf-vni-id>] [<vrf-vni-id-valid>] [<vrf-topo-id>] [<vrf-encap-type>] [<vrf-vtep-ip>] [<vrf-vtep-virtual-ip>] [<vrf-vtep-vipr>] [<vrf-router-mac>] [<vrf-vip-router-mac>] [<vrf-vipr-router-mac>] [<vrf-router-id>] [<vrf-cfgd-id>] [<vrf-local-as>] [<vrf-confed-id>] [<vrf-cluster-id>] [<vrf-reconnect-interval>] [<vrf-peers>] [<vrf-pending-peers>] [<vrf-est-peers>] [<vrf-cfgd-max-as-limit>] [<vrf-max-as-limit>] [<vrf-rd-configured>] [<vrf-rd>] [<vrf-secondary-rd-configured>] [<vrf-secondary-rd>] [<vrf-pending-rd>] [<vrf-pending-secondary-rd>] [TABLE_af <af-id> [<af-name>] [<af-table-id>] [<af-state>] [<af-state-rsn>] [<af-num-peers>] [<af-num-active-peers>] [<af-peer-routes>] [<af-peer-paths>] [<af-peer-networks>] [<af-peer-aggregates>] [<af-export-rmap>] [<af-import-rmap>] [<af-retain-rt>] TABLE_saf <safi> [<af-name>] [<tableversion>] [<configuredpeers>] [<capablepeers>] [<totalnetworks>] [<totalpaths>] [<memoryused>] [<numberattrs>] [<bytesattrs>] [<numberpaths>] [<bytespaths>] [<numbercommunities>] [<bytescommunities>] [<numberclusterlist>] [<bytesclusterlist>] [<dampening>] [<historypaths>] [<dampenedpaths>] [<softreconfigrecvdpaths>] [<softreconfigidenticalpaths>] [<softreconfigcombopaths>] [<softreconfigfilteredrecvd>] [<softreconfigbytes>] [TABLE_neighbor <neighborid> [<neighborversion>] [<msgrecvd>] [<msgsent>] [<neighbortableversion>] [<inq>] [<outq>] [<neighboras>] [<time>] [<state>] [<prefixreceived>] [<interface-parent>]]]]

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- 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>] [<table-map-filtered>] [<export-on-newlist> <export-on-xmitlist>] [<srv6-local-sid>] [<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> <pathnolabeledrnh> <pathlocator>] [<importsource> [<originalimportsource>]] [<importdestscount>] [TABLE_importdests <importdest>] [<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> <flaphalflife> <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_sub_type> <psid_v6sid> <psid_func_len> <psid_trans_len> <psid_trans_off>] [<psid_origsrgb_len> <psid_origsrgb_flag> <psid_origsrgb_base> <psid_origsrgb_end>]]] [<remotenh> <remotenh_encap> <remotenh_vnid> <remotenh_mac>] [<pmsi>] [<evpn-esi>] [<link-state-attr> <link-state-attr-len>] [<mdt_grp_addr>]] [TABLE_path_attr_list <path_attr_list> [TABLE_attr <attr_num> <attr_code_str> <attr_code_hex> <attr_flags> <attr_len> [TABLE_attr_val <attr_value>]]] } } } [TABLE_advertisedto <advertisedto>] [TABLE_scheduledto <scheduledto>]]]]

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- OLD: show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { { ipv4 { unicast | multicast } | ipv4 mdt [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv4 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | link-state | l2vpn vpls [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | l2vpn evpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 labeled-unicast } nexthop <ipnexthop> | { ipv6 { unicast | multicast } | vpnv6 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 labeled-unicast | ipv6 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] } nexthop <ipv6nexthop> } [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>] [<table-map-filtered>] [<export-on-newlist> <export-on-xmitlist>] [<srv6-local-sid>] [<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> <pathnolabeledrnh> <pathlocator>] [<importsource> [<originalimportsource>]] [<importdestscount>] [TABLE_importdests <importdest>] [<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> <flaphalflife> <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_sub_type> <psid_v6sid> <psid_func_len> <psid_trans_len> <psid_trans_off>] [<psid_origsrgb_len> <psid_origsrgb_flag> <psid_origsrgb_base> <psid_origsrgb_end>]] [<remotenh> <remotenh_encap> <remotenh_vnid> <remotenh_mac>] [<pmsi>] [<evpn-esi>] [<link-state-attr> <link-state-attr-len>] [<mdt_grp_addr>] [TABLE_path_attr_list <path_attr_list> [TABLE_attr <attr_num> <attr_code_str> <attr_code_hex> <attr_flags> <attr_len> [TABLE_attr_val <attr_value>]]] } } } [TABLE_advertisedto <advertisedto>] [TABLE_scheduledto <scheduledto>]]]]

- NEW: show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { { ipv4 { unicast | multicast } | ipv4 mdt [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv4 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | link-state | l2vpn vpls [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | l2vpn evpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 labeled-unicast } nexthop <ipnexthop> | { ipv6 { unicast | multicast } | vpnv6 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 labeled-unicast | ipv6 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] } nexthop <ipv6nexthop> } [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>] [<table-map-filtered>] [<export-on-newlist> <export-on-xmitlist>] [<srv6-local-sid>] [

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- OLD: show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { { ipv4 { unicast | multicast } | vpnv4 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 labeled-unicast } [<ip-addr> [<ip-mask> [longer-prefixes]] [detail] | <ip-prefix> [longer-prefixes] [detail] | labels | exported | imported | detail] | { ipv6 { unicast | multicast } | vpnv6 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 labeled-unicast } [<ipv6-prefix> [longer-prefixes] [detail] | labels | exported | imported | detail] | { ipv4 mdt [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] } [<ip-addr> [<ip-mask>] | <ip-prefix> | labels | mdt-group <mdt-group>] | { ipv4 | ipv6 } unicast [injected-routes] | link-state [route-type <rt-type> | <ipv4-ls-rt> | <ipv6-ls-rt>] | l2vpn vpls [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } [{ <ip-addr> [<ip-mask>] | <ip-prefix> } | { ve-id <ve-id> block-offset <ve-bs> }]] | ipv4 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } [join <v4src-addr> <v4grp-addr> <src-asn> | rp <v4src-addr> <grp-v4prefix> <pe-addr> <rp-flags> <rp-priority> <hashlen> | sa <grp-v4prefix> | sa-ad <v4src-addr> <v4grp-addr> | route-type { 1 | 2 | 3 | 4 | 5 | 6 | 7 } [detail]] | route-type { 1 | 2 | 3 | 4 | 5 | 6 | 7 } [detail] | join [detail] | sa-ad [detail] | i-pmsi [detail]] | ipv6 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } [join <v6src-addr> <v6grp-addr> <src-asn> | rp <v6src-addr> <grp-v6prefix> <pe-addr> <rp-flags> <rp-priority> <hashlen> | sa <grp-v6prefix> | sa-ad <v6src-addr> <v6grp-addr> | route-type { 1 | 2 | 3 | 4 | 5 | 6 | 7 } [detail]] | route-type { 1 | 2 | 3 | 4 | 5 | 6 | 7 } [detail] | join [detail] | sa-ad [detail] | i-pmsi [detail]] | l2vpn evpn [route-type <rtype> [etid <et>] | detail | rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } [route-type <rtype> [etid <et>] | <ipv4-evpn-rt> | <ipv6-evpn-rt> | <mac-address>] | vni-id <vni_id> [route-type <rtype> | detail] | es <es-id> [route-type <rtype> [etid <et>]] | <ipv4-evpn-rt> | <ipv6-evpn-rt> | <mac-address>] | all [detail] } [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>] [<table-map-filtered>] [<export-on-newlist> <export-on-xmitlist>] [<srv6-local-sid>] [<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> <pathnolabeledrnh> <pathlocator>] [<importsource> [<originalimportsource>]] [<importdestscount>

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- NEW: show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { { ipv4
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<psid_origsrgb_base> <psid_origsrgb_end>]]] [<remotenh> <remotenh_encap> <remotenh_vnid>
<remotenh_mac>] [<pmsi>] [<evpn-esi>] [<link-state-attr> <link-state-attr-len>] [
<tunnel-encap-attr-len>] [<mdt_grp_addr>] [TABLE_path_attr_list <path_attr_list> [TABLE_attr
<attr_num> <attr_code_str> <attr_code_hex> <attr_flags> <attr_len> [TABLE_attr_val <attr_value>
]]] } } } [TABLE_advertisedto <advertisedto>] [TABLE_scheduledto <scheduledto>]]]]

- OLD: show bgp evi [<evi-id>] [__readonly__ [TABLE_ctx <evid> <rd> <numlocalprefixes>
<numtotalprefixes> <created> <lastoperup> <lastoperdown> <enabled> [<associatedvrf>] [
TABLE_activeexportrts <exportrt>] [TABLE_activeimportrts <importrt>] [TABLE_evpnactiveexportrts
<evpnexportrt>] [TABLE_evpnactiveimportrts <evpnimportrt>] [TABLE_mvpnactiveexportrts
<mvpnexportrt>] [TABLE_mvpnactiveimportrts <mvpnimportrt>] [TABLE_activeexportrtsv6
<exportrtv6>] [TABLE_activeimportrtsv6 <importrtv6>] [TABLE_evpnactiveexportrtsv6
<evpnexportrtv6>] [TABLE_evpnactiveimportrtsv6 <evpnimportrtv6>] [
TABLE_mvpnactiveexportrtsv6 <mvpnexportrtv6>] [TABLE_mvpnactiveimportrtsv6 <mvpnimportrtv6>
]]]

- NEW: show bgp evi [<evi-id>] [__readonly__ [TABLE_ctx <evid> <rd> [<secondaryrd>]
<numlocalprefixes> <numtotalprefixes> <created> <lastoperup> <lastoperdown> <enabled> [
<associatedvrf>] [TABLE_activeexportrts <exportrt>] [TABLE_activeimportrts <importrt>] [
TABLE_evpnactiveexportrts <evpnexportrt>] [TABLE_evpnactiveimportrts <evpnimportrt>] [
TABLE_mvpnactiveexportrts <mvpnexportrt>] [TABLE_mvpnactiveimportrts <mvpnimportrt>] [
TABLE_activeexportrtsv6 <exportrtv6>] [TABLE_activeimportrtsv6 <importrtv6>] [
TABLE_evpnactiveexportrtsv6 <evpnexportrtv6>] [TABLE_evpnactiveimportrtsv6 <evpnimportrtv6>
] [TABLE_mvpnactiveexportrtsv6 <mvpnexportrtv6>] [TABLE_mvpnactiveimportrtsv6
<mvpnimportrtv6>]]]

- OLD: show bgp { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | ipv4 mdt | vpnv4 unicast |
vpnv6 unicast | ipv6 labeled-unicast | link-state | l2vpn vpls | ipv4 mvpn | ipv6 mvpn | l2vpn evpn | ipv4
labeled-unicast | all } summary [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234
}] [__readonly__ TABLE_vrf <vrf-name-out> [<vrf-id>] [<vrf-state>] [<vrf-state-rsn>] [
<vrf-delete-pending>] [<vrf-evpn-mpls>] [<vrf-vni-id>] [<vrf-vni-id-valid>] [<vrf-topo-id>] [
<vrf-encap-type>] [<vrf-vtep-ip>] [<vrf-vtep-virtual-ip>] [<vrf-vtep-vipr>] [<vrf-router-mac>] [
<vrf-vip-router-mac>] [<vrf-vipr-router-mac>] [<vrf-router-id>] [<vrf-cfgd-id>] [<vrf-local-as>]
[<vrf-confed-id>] [<vrf-cluster-id>] [<vrf-reconnect-interval>] [<vrf-peers>] [<vrf-pending-peers>
] [<vrf-est-peers>] [<vrf-cfgd-max-as-limit>] [<vrf-max-as-limit>] [<vrf-rd-configured>] [<vrf-rd>
] [<vrf-pending-rd>] [TABLE_af <af-id> [<af-name>] [<af-table-id>] [<af-state>] [<af-state-rsn>
] [<af-num-peers>] [<af-num-active-peers>] [<af-peer-routes>] [<af-peer-paths>] [
<af-peer-networks>] [<af-peer-aggregates>] [<af-export-rmap>] [<af-import-rmap>] [<af-retain-rt>
] TABLE_saf <safi> [<af-name>] [<tableversion>] [<configuredpeers>] [<capablepeers>] [
<totalnetworks>] [<totalpaths>] [<memoryused>] [<numberattrs>] [<bytesattrs>] [<numberpaths>
] [<bytespaths>] [<numbercommunities>] [<bytescommunities>] [<numberclusterlist>] [
<bytesclusterlist>] [<dampening>] [<historypaths>] [<dampenedpaths>] [<softreconfigrecvdpaths>
] [<softreconfigidenticalpaths>] [<softreconfigcombopaths>] [<softreconfigfilteredrecvd>] [
<softreconfigbytes>] [TABLE_neighbor <neighborid> [<neighborversion>] [<msgrecvd>] [<msgsent>
] [<neighbortableversion>] [<inq>] [<outq>] [<neighboras>] [<time>] [<state>] [<prefixreceived>
] [<interface-parent>]]]]

- NEW: show bgp { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | ipv4 mdt | vpnv4 unicast |
vpnv6 unicast | ipv6 labeled-unicast | link-state | l2vpn vpls | ipv4 mvpn | ipv6 mvpn | l2vpn evpn | ipv4

labeled-unicast | all } summary [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] [__readonly__ TABLE_vrf <vrf-name-out> [<vrf-id>] [<vrf-state>] [<vrf-state-rsn>] [<vrf-delete-pending>] [<vrf-evpn-mpls>] [<vrf-vni-id>] [<vrf-vni-id-valid>] [<vrf-topo-id>] [<vrf-encap-type>] [<vrf-vtep-ip>] [<vrf-vtep-virtual-ip>] [<vrf-vtep-vipr>] [<vrf-router-mac>] [<vrf-vip-router-mac>] [<vrf-vipr-router-mac>] [<vrf-router-id>] [<vrf-cfgd-id>] [<vrf-local-as>] [<vrf-confed-id>] [<vrf-cluster-id>] [<vrf-reconnect-interval>] [<vrf-peers>] [<vrf-pending-peers>] [<vrf-est-peers>] [<vrf-cfgd-max-as-limit>] [<vrf-max-as-limit>] [<vrf-rd-configured>] [<vrf-rd>] [<vrf-secondary-rd-configured>] [<vrf-secondary-rd>] [<vrf-pending-rd>] [<vrf-pending-secondary-rd>] [TABLE_af <af-id> [<af-name>] [<af-table-id>] [<af-state>] [<af-state-rsn>] [<af-num-peers>] [<af-num-active-peers>] [<af-peer-routes>] [<af-peer-paths>] [<af-peer-networks>] [<af-peer-aggregates>] [<af-export-rmap>] [<af-import-rmap>] [<af-retain-rt>] TABLE_saf <safi> [<af-name>] [<tableversion>] [<configuredpeers>] [<capablepeers>] [<totalnetworks>] [<totalpaths>] [<memoryused>] [<numberattrs>] [<bytesattrs>] [<numberpaths>] [<bytespaths>] [<numbercommunities>] [<bytescommunities>] [<numberclusterlist>] [<bytesclusterlist>] [<dampening>] [<historypaths>] [<dampenedpaths>] [<softreconfigrecvdpaths>] [<softreconfigidenticalpaths>] [<softreconfigcombopaths>] [<softreconfigfilteredrecvd>] [<softreconfigbytes>] [TABLE_neighbor <neighborid> [<neighborversion>] [<msgrecvd>] [<msgsent>] [<neighbortableversion>] [<inq>] [<outq>] [<neighboras>] [<time>] [<state>] [<prefixreceived>] [<interface-parent>]]]]

- OLD: show bgp { { [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | all } } | vpnv4 unicast | vpnv6 unicast | ipv6 labeled-unicast | ipv4 labeled-unicast | l2vpn evpn } neighbors { <neighbor-id> | <ipv6-neighbor-id> } { routes [advertised | received | dampened] | advertised-routes | received-routes } [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>] [<table-map-filtered>] [<export-on-newlist> <export-on-xmitlist>] [<srv6-local-sid>] [<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> <pathnolabeledrnh> <pathlocator>] [<importsource> [<originalimportsource>]] [<importdestscount>] [TABLE_importdests <importdest>] [<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> <flaphalflife> <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_sub_type> <psid_v6sid> <psid_func_len> <psid_trans_len> <psid_trans_off>] [<psid_origsrgb_len> <psid_origsrgb_flag> <psid_origsrgb_base> <psid_origsrgb_end>]] [<remotenh> <remotenh_encap> <remotenh_vnid> <remotenh_mac>] [<pmsi>] [<evpn-esi>] [<link-state-attr> <link-state-attr-len>] [<mdt_grp_addr>] [TABLE_path_attr_list <path_attr_list> [TABLE_attr <attr_num> <attr_code_str> <attr_code_hex> <attr_flags> <attr_len> [TABLE_attr_val <attr_value>]]] } } } [TABLE_advertisedto <advertisedto>] [TABLE_scheduledto <scheduledto>]]]]

- NEW: show bgp { { [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | all } } | vpnv4 unicast | vpnv6 unicast | ipv6 labeled-unicast | ipv4 labeled-unicast | l2vpn evpn } neighbors { <neighbor-id> | <ipv6-neighbor-id> }

{ routes [advertised | received | dampened] | advertised-routes | received-routes } [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>] [<table-map-filtered>] [<export-on-newlist> <export-on-xmitlist>] [<srv6-local-sid>] [<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> <pathreoriginated> <pathdeleted> <pathstaled> <pathhistory> <pathovermaxaslimit> <pathmultipath> <pathnolabeledrnh> <pathlocator>] [<importsource> [<originalimportsource>]] [<importdestscount>] [TABLE_importdests <importdest>] [<existpath>] [<gwip> | <ipv6gwip>] [<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> <flaphalflife> <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_sub_type> <psid_v6sid> <psid_func_len> <psid_trans_len> <psid_trans_off>] [<psid_origsrgb_len> <psid_origsrgb_flag> <psid_origsrgb_base> <psid_origsrgb_end>]] [<remotenh> <remotenh_encap> <remotenh_vnid> <remotenh_mac>] [<pmsi>] [<evpn-esi>] [<link-state-attr> <link-state-attr-len>] [<tunnel-encap-attr-len>] [<mdt_grp_addr>] [TABLE_path_attr_list <path_attr_list> [TABLE_attr <attr_num> <attr_code_str> <attr_code_hex> <attr_flags> <attr_len> [TABLE_attr_val <attr_value>]]] } } } [TABLE_advertisedto <advertisedto>] [TABLE_scheduledto <scheduledto>]]]]

- OLD: show boot [__readonly__ { [TABLE_bootvar_show <Str1>] [TABLE_Current_Bootvar <current_sup_module> <current_image> [<current_sup_module>] [<current_image>] <current_poap_status>] [TABLE_Startup_Bootvar <start_sup_module> <start_image> [<start_sup_module>] [<start_image>] <start_poap_status>] }]

- NEW: show boot [__readonly__ { [TABLE_bootvar_show <Str1>] [TABLE_Current_Bootvar <current_sup_module> <current_image> [<current_sup_module>] [<current_image>] <current_poap_status> +] [TABLE_Startup_Bootvar <start_sup_module> <start_image> [<start_sup_module>] [<start_image>] <start_poap_status> +] }]

- OLD: show cdp { entry { all1 | name <s0> } } [__readonly__ TABLE_cdp_entry_all <device_id> [<sysname>] [{ <v4addr> | <v6addr> } +] <platform_id> <capability> + <intf_id> <port_id> <ttl> <version> <version_no> [<nativevlan>] [<vtpname>] [<duplexmode>] [<syslocation>] [{ <v4mgmtaddr> | <v6mgmtaddr> } +]]

- NEW: show cdp { entry { all1 | name <s0> } } [__readonly__ TABLE_cdp_entry_all <device_id> [<sysname>] <numaddr> [{ <v4addr> | <v6addr> } +] <platform_id> <capability> + <intf_id> <port_id> <ttl> <version> <version_no> [<nativevlan>] [<vtpname>] [<duplexmode>] [<syslocation>] [<num_mgmtaddr> [{ <v4mgmtaddr> | <v6mgmtaddr> } +]]]

- OLD: show cfs internal ethernet-peer { database | statistics | error-statistics | event-log }

- NEW: show cfs internal ethernet-peer { database | statistics | error-statistics | event-log | error-log }

- OLD: show class-map type network-qos [<cmap-name-nq>] [__readonly__ { [<display-all>] [TABLE_cmap <cmap-key> <xcmap-name> [<desc>] [<cos-list>] [<qos-group-list>] [<protocol>]] }]

- NEW: show class-map type network-qos [<cmap-name-nq>] [__readonly__ { [<display-all>] [TABLE_cmap <cmap-key> <xcmap-name> [<desc>] [<cos-list>] [<qos-group-list>] [<protocol>] [TABLE_xmatch <xmatch-key> [<xcos-list>] [<xqos-group-list>] [<xprotocol>]]] }]

- OLD: show cli variables [__readonly__ <switchname> <timestamp> [{ TABLE_variable <key> <value> }] [{ TABLE_session_variable <key> <value> }]]

- NEW: show cli variables [__readonly__ <switchname> <timestamp> <currentuser> [{ TABLE_variable <key> <value> }] [{ TABLE_session_variable <key> <value> }]]

- OLD: show consistency-checker forwarding [ip | ipv4] [unicast] [suppress-transient] [vrf { <vrf-name> | all_vrfs }] [module { <module> | all_modules }] | show forwarding [ip | ipv4] [unicast] inconsistency [suppress-transient] [vrf { <vrf-name> | all_vrfs }] [module { <module> | all_modules }] [__readonly__ TABLE_inconsistency <id> <slot> [<unit>] <vrf> [<ipaddr>] [<ipprefix>] [<interface>] <reason>]

- NEW: show consistency-checker forwarding [ip | ipv4] [unicast] [suppress-transient] [vrf { <vrf-name> | all_vrfs }] [module { <module> | all_modules }] [__readonly__ [<err_str>] [<cc_header>] [<table_id>] [<slot_id>] [<exec_time>] [<elapsed_time>] [<inconsis_adjs>] [TABLE_inconsistency_adjs { <id> <slot> [<unit>] <vrf> [<ipaddr>] [<ipprefix>] [<interface>] <reason> }] [<inconsis_routes>] [TABLE_inconsistency_routes { <id> <slot> [<unit>] <vrf> [<ipaddr>] [<ipprefix>] [<interface>] <reason> }] [<run_status>]]

- OLD: show consistency-checker l2 multicast group <grp-address> source <src-address> vlan <vlan-id> [debug-logs] [brief | detail]

- NEW: show consistency-checker l2 multicast group { <grp-address> | <grp-ipv6-address> } source { <src-address> | <src-ipv6-address> } vlan <vlan-id> [debug-logs] [brief | detail]

- OLD: show consistency-checker l2-tahoe switchport interface <if_name> [brief | detail]

- NEW: show consistency-checker l2-tahoe switchport { interface { <if_name> | all } | module { <module> | all } } [brief | detail]

- OLD: show consistency-checker l3 multicast [group { <grp-address> [<mask>] | <gprefix> }] source <src-address> vrf { <vrf-name> | <vrf-known-name> } [debug-logs] [brief | detail]

- NEW: show consistency-checker l3 multicast group { <grp-address> [<mask>] | <gprefix> | <grp-ipv6-address> } source { <src-address> | <src-ipv6-address> } vrf { <vrf-name> | <vrf-known-name> } [tunnel] [debug-logs] [brief | detail]

- OLD: show consistency-checker membership vlan <vlanid> [[interface <intf-id>] | [private-vlan [interface [<int-id> | <ch-id>]]]] [native-vlan] [brief | detail]

- NEW: show consistency-checker membership vlan <vlanid> [[interface [<intf-id> | <ch-id>]] | [private-vlan [interface [<int-id> | <ch-id>]]]] [native-vlan] [brief | detail]

- OLD: show consistency-checker vxlan mh mac-addresses

- NEW: show consistency-checker vxlan mh mac-addresses [brief | detail]

- OLD: show consistency-checker vxlan mh pathlist

- NEW: show consistency-checker vxlan mh pathlist [brief | detail]

- OLD: show dot1x all details [__readonly__ <sys_auth_ctrl> <proto_ver> <mac_move> TABLE_alldetail <if_index> TABLE_allpaedetail <pae_type> [<port_control>] [<host_mode>] [<quiet_period>] [<inactivity_period>] [<tx_period>] [<max_req>] [<reauth>] [<rate_limit_period>] [<supp_timeout>] [<server_timeout>] [<reauth_server>] [<reauth_period>] [<reauth_max>] [<mac_auth_bypass>] [<no_of_clients>] [<port_status_no_clients>] [{ TABLE_if_auth_clients [<supp_mac_addr>] [<auth_domain>] [<auth_sm_state>] [<auth_bend_sm_state>] [<port_status>] [<authentication_method>] [<authenticated_by>] [<reauth_period_client>] [<reauth_action>] [<time_to_next_reauth>] [<auth_vlan>] }] [<start_period>] [<auth_period>] [<held_period>] [<max_start>] [<no_of_supp_clients>] [<auth_mac_addr>] [<supp_sm_state>] [<supp_bend_sm_state>] [<supp_port_status>]]

- NEW: show dot1x all details [__readonly__ <sys_auth_ctrl> <proto_ver> <mac_move> TABLE_alldetail <if_index> TABLE_allpaedetail <pae_type> [<port_control>] [<host_mode>] [<quiet_period>] [<inactivity_period>] [<tx_period>] [<max_req>] [<reauth>] [<rate_limit_period>] [<supp_timeout>] [<server_timeout>] [<reauth_server>] [<reauth_period>] [<reauth_max>] [<mac_auth_bypass>] [<no_of_clients>] [<port_status_no_clients>] [{ TABLE_if_auth_clients [<supp_mac_addr>] [<auth_domain>] [<auth_sm_state>] [<auth_bend_sm_state>] [<port_status>] [<authentication_method>] [<authenticated_by>] [<reauth_period_client>] [<reauth_action>] [<time_to_next_reauth>] [<url_redirect_acl>] [<url_redirect_link>] [<aaa_at_in_acl>] [<auth_vlan>] }] [<start_period>] [<auth_period>] [<held_period>] [<max_start>] [<no_of_supp_clients>] [<auth_mac_addr>] [<supp_sm_state>] [<supp_bend_sm_state>] [<supp_port_status>]]

- OLD: show dot1x interface <if> [__readonly__ <if_index> <pae_type> [<port_control>] [<host_mode>] [<quiet_period>] [<inactivity_period>] [<tx_period>] [<max_req>] [<reauth>] [<rate_limit_period>] [<supp_timeout>] [<server_timeout>] [<reauth_server>] [<reauth_period>] [<reauth_max>] [<mac_auth_bypass>] [<start_period>] [<auth_period>] [<held_period>] [<max_start>]] } | { show dot1x interface <if> details [__readonly__ <if_index_detail> <pae_type_detail> [<port_control_detail>] [<host_mode_detail>] [<quiet_period_detail>] [<inactivity_period_detail>] [<tx_period_detail>] [<max_req_detail>] [<reauth_detail>] [<rate_limit_period_detail>] [<supp_timeout_detail>] [<server_timeout_detail>] [<reauth_server_detail>] [<reauth_period_detail>] [<reauth_max_detail>] [<mac_auth_bypass_detail>] [<no_of_clients>] [<port_status_no_clients_detail>] [{ TABLE_if_auth_clients_detail [<supp_mac_addr_detail>] [<auth_domain>] [<auth_sm_state>] [<auth_bend_sm_state>] [<port_status>] [<authentication_method>] [<authenticated_by>] [<reauth_period_client>] [<reauth_action>] [<time_to_next_reauth>] [<auth_vlan>] }] [<start_period_detail>] [<auth_period_detail>] [<held_period_detail>] [<max_start_detail>] [<no_of_supp_clients>] [<auth_mac_addr_detail>] [<supp_sm_state>] [<supp_bend_sm_state>] [<supp_port_status>]] } | { show dot1x interface <if> statistics [__readonly__ <if_index_stat> <pae_type_stat> [<rxstart>] [<rxlogoff>] [<rxresp>] [<rxrespid>] [<rxinvalid>] [<rxlenerr>] [<rxtotal>] [<txreq>] [<txreqid>] [<txtotal>] [<rxversion>] [<lastrxsourcemac>] [<rxreq>] [<rxsuppinvalid>] [<rxsupplenerr>] [<rxsupptotal>] [<txstart>] [<txlogoff>] [<txresp>] [<txsupptotal>] [<rxsuppversion>] [<lastrxsrcmac>]] } | { show dot1x interface <if> summary [__readonly__ <if_index_summary> <pae_type_summary> [<port_status_no_clients_summary>] [{ TABLE_if_auth_clients_summary [<auth_mac_addr>] [<port_status_summary>] }] [<supp_mac_addr>] [<supp_port_status_summary>]]

- NEW: show dot1x interface <if> [__readonly__ <if_index> <pae_type> [<port_control>] [<host_mode>] [<quiet_period>] [<inactivity_period>] [<tx_period>] [<max_req>] [<reauth>] [<rate_limit_period>] [<supp_timeout>] [<server_timeout>] [<reauth_server>] [<reauth_period>]

[<reauth_max>] [<mac_auth_bypass>] [<start_period>] [<auth_period>] [<held_period>] [<max_start>]] } | { show dot1x interface <if> details [__readonly__ <if_index_detail> <pae_type_detail> [<port_control_detail>] [<host_mode_detail>] [<quiet_period_detail>] [<inactivity_period_detail>] [<tx_period_detail>] [<max_req_detail>] [<reauth_detail>] [<rate_limit_period_detail>] [<supp_timeout_detail>] [<server_timeout_detail>] [<reauth_server_detail>] [<reauth_period_detail>] [<reauth_max_detail>] [<mac_auth_bypass_detail>] [<no_of_clients>] [<port_status_no_clients_detail>] [{ TABLE_if_auth_clients_detail [<supp_mac_addr_detail>] [<auth_domain>] [<auth_sm_state>] [<auth_bend_sm_state>] [<port_status>] [<authentication_method>] [<authenticated_by>] [<reauth_period_client>] [<reauth_action>] [<time_to_next_reauth>] [<url_redirect_acl>] [<url_redirect_link>] [<aaa_at_in_acl>] [<auth_vlan>] }] [<start_period_detail>] [<auth_period_detail>] [<held_period_detail>] [<max_start_detail>] [<no_of_supp_clients>] [<auth_mac_addr_detail>] [<supp_sm_state>] [<supp_bend_sm_state>] [<supp_port_status>]] } | { show dot1x interface <if> statistics [__readonly__ <if_index_stat> <pae_type_stat> [<rxstart>] [<rxlogoff>] [<rxresp>] [<rxrespid>] [<rxinvalid>] [<rxlenerr>] [<rxtotal>] [<txreq>] [<txreqid>] [<txtotal>] [<rxversion>] [<lastrxsourcemac>] [<rxreq>] [<rxsuppinvalid>] [<rxsupplenerr>] [<rxsupptotal>] [<txstart>] [<txlogoff>] [<txresp>] [<txsupptotal>] [<rxsuppversion>] [<lastrxsrcmac>]] } | { show dot1x interface <if> summary [__readonly__ <if_index_summary> <pae_type_summary> [<port_status_no_clients_summary>] [{ TABLE_if_auth_clients_summary [<auth_mac_addr>] [<port_status_summary>] }] [<supp_mac_addr>] [<supp_port_status_summary>]]

- OLD: show flow profile [__readonly__ [{ TABLE_flow_profile <name> [<desc>] <number-of-users> <export-intvl> <source-port> <packet-id-shift> <burst-intvl-shift> <mtu> [<guess-threshold-lo>] [<guess-threshold-hi>] [{ TABLE_payload_bin <payload-bin-num> <payload-bin-lo> <payload-bin-hi> }] [{ TABLE_tcpopthdr_bin <tcpopthdr-bin-num> <tcpopthdr-bin-lo> <tcpopthdr-bin-hi> }] [{ TABLE_rcvwinsize_bin <rcvwinsize-bin-num> <rcvwinsize-bin-lo> <rcvwinsize-bin-hi> }] }]]

- NEW: show flow profile [<profile>] [__readonly__ [{ TABLE_flow_profile <name> [<desc>] <number-of-users> <export-intvl> <source-port> <packet-id-shift> <burst-intvl-shift> <mtu> [<guess-threshold-lo>] [<guess-threshold-hi>] [{ TABLE_payload_bin <payload-bin-num> <payload-bin-lo> <payload-bin-hi> }] [{ TABLE_tcpopthdr_bin <tcpopthdr-bin-num> <tcpopthdr-bin-lo> <tcpopthdr-bin-hi> }] [{ TABLE_rcvwinsize_bin <rcvwinsize-bin-num> <rcvwinsize-bin-lo> <rcvwinsize-bin-hi> }] }]]

- OLD: show flow rtp { errors { active | history } | details } [ipv4 | ipv6] [__readonly__ [<flow-timeout>] [{ TABLE_flow_rtp <flow-rtp-index> [<flow-type>] [<source-ip>] [<destination-ip>] [<bridge-domain-id>] [<source-port>] [<destination-port>] [<protocol>] [<packet-count>] [<bytes-per-sec>] [<bits-per-sec>] [<start-time>] [<if-name>] [{ TABLE_flow_rtp_errors <loss-start> [<loss-end>] [<packet-loss>] }] }]]

- NEW: show flow rtp { errors { active | history } | details } [ipv4 | ipv6] [__readonly__ [<flow-timeout>] [{ TABLE_flow_rtp <flow-rtp-index> [<flow-type>] [<source-ip>] [<destination-ip>] [<bridge-domain-id>] [<source-port>] [<destination-port>] [<protocol>] [<packet-count>] [<bytes-per-sec>] [<bits-per-sec>] [<start-time>] [<if-name>] [<vrf-name>] [{ TABLE_flow_rtp_errors <loss-start> [<loss-end>] [<packet-loss>] }] }]]

- OLD: show flow system [__readonly__ <system_exporter_id> [{ TABLE_flow_interface [<intf_name>] [<exporter_id>] [<profile_name>] [<v4in_mon_name>] [<v4in_direction>] [<v6in_mon_name>] [<v6in_direction>] [<filter_name>] [<ipv4_hit>] [<ipv4_create>] [<ipv6_hit>] [<ipv6_create>] [<ce_hit>] [<ce_create>] [<packets_seen>] [<skip_collect>] [<export_count>] }]]

- NEW: show flow system [__readonly__ <system_exporter_id> [{ TABLE_flow_interface [<intf_name>] [<exporter_id>] [<profile_name>] [<v4in_mon_name>] [<v4in_direction>] [<v6in_mon_name>] [<v6in_direction>] [<filter_name>] [<event_name>] [<ipv4_hit>] [<ipv4_create>] [<ipv6_hit>] [<ipv6_create>] [<ce_hit>] [<ce_create>] [<packets_seen>] [<skip_collect>] [<export_count>] }]]

- OLD: show forwarding [vrf { <vrf-name> | <vrf-known-name> | all } | table <table_id>] [ipv4] multicast route [platform] { [group { <gaddr> [<mask>] | <gprefix> } [source { <saddr> [<smask>] | <sprefix> }] | module <module> | vrf { <vrf-name> | <vrf-known-name> | all }] + | summary [module <module> | vrf { <vrf-name> | <vrf-known-name> | all }] + } [__readonly__ [<table_type>] [<vrfname>] [<table_id>] [<num_routes> <num_starg_routes> <num_sg_routes> <num_gprefix_routes>] [<num_groups>] [<num_sources>] [<num_prefix_insert_fail>] [[TABLE_MROUTE_INFO <mcast_addr> [<src_len> <grp_len>] [<df_ordinal>] [<rpfif>] [<rpf_ifindex>] <flag> [<flag_value>] <route_pkts> <route_bytes> <oiflist_id> <oif_count> [<refcount>] <oiflist_flag> [TABLE_OIF_INFO <oifindex> [TABLE_MCAST_VLAN_INFO [<vlan>] [TABLE_MCAST_OIF_INFO [<oifname>] [<dvif>]]] [<platform_id>] [<encap_id>] [<hw_index>] [<oif_pkts> <oif_bytes>]]]]]

- NEW: show forwarding [vrf { <vrf-name> | <vrf-known-name> | all } | table <table_id>] [ipv4] multicast route [platform] { [group { <gaddr> [<mask>] | <gprefix> } [source { <saddr> [<smask>] | <sprefix> }] | module <module> | vrf { <vrf-name> | <vrf-known-name> | all }] + | summary [module <module> | vrf { <vrf-name> | <vrf-known-name> | all }] + } [__readonly__ [<table_type>] [<vrfname>] [<table_id>] [<num_routes> <num_starg_routes> <num_sg_routes> <num_gprefix_routes>] [<num_groups>] [<num_sources>] [<num_prefix_insert_fail>] [[TABLE_MROUTE_INFO <mcast_addr> [<src_len> <grp_len>] [<df_ordinal>] [<rpfif>] [<rpf_ifindex>] <flag> [<flag_value>] <route_pkts> <route_bytes> <oiflist_id> <oif_count> [<refcount>] <oiflist_flag> [TABLE_OIF_INFO <oifindex> [TABLE_MCAST_VLAN_INFO [<vlan>] [TABLE_MCAST_OIF_INFO [<oifname>] [<dvif>]]] [<platform_id>] [<encap_id>] [TABLE_MCAST_CORE_OIF_INFO [<core_oifname>]] [<hw_index>] [<oif_pkts> <oif_bytes>]]]]]

- OLD: show forwarding distribution [ip] multicast route [table <id> | vrf { <vrf_name> | <vrf-known-name> | all }] [[group { <gaddr> [<mask>] | <gprefix> } [source { <saddr> [<smask>] | <sprefix> }]] | summary] [__readonly__ TABLE_vrf [<vrf-name>] [<table-name>] [<table-id>] [<table-wildcard>] [<total-num-groups>] [TABLE_route_summary [<vrf-name>] [<total-num-routes>] [<num-star-g-route>] [<num-sg-route>] [<num-star-g-prfx>] [<num-group-count>]] [TABLE_one_route [<source-addrs>] [<source-len>] [<group-addrs>] [<group-len>] [<df-ordinal>] [<rpf-intf>] [<flags>] [<stats-pkts>] [<stats-bytes>] [<oif-count>] [<oiflist-index>] [TABLE_oif [<oif-name>] [<mti-src-intf>] [<mti-grp-ip>] [<mti-src-ip>] [<next-hop>]]]]

- NEW: show forwarding distribution [ip] multicast route [table <id> | vrf { <vrf_name> | <vrf-known-name> | all }] [[group { <gaddr> [<mask>] | <gprefix> } [source { <saddr> [<smask>] | <sprefix> }]] | summary] [__readonly__ TABLE_vrf [<vrf-name>] [<table-name>] [<table-id>] [<table-wildcard>] [<total-num-groups>] [TABLE_route_summary [<vrf-name>] [<total-num-routes>] [<num-star-g-route>] [<num-sg-route>] [<num-star-g-prfx>] [<num-group-count>]] [TABLE_one_route [<source-addrs>] [<source-len>] [<group-addrs>] [<group-len>] [<df-ordinal>] [<rpf-intf>] [<flags>] [<upstream-addrs>] [<stats-state>] [<stats-pkts>] [<stats-bytes>] [<oif-count>] [<oiflist-index>] [TABLE_oif [<oif-name>] [<mti-src-intf>] [<mti-grp-ip>] [<mti-src-ip>] [<next-hop>]]]]

- OLD: show forwarding distribution ipv6 multicast route [table <table_id> | vrf <vrf-name>] [[group { <group> } [source { <source> }]] | summary] [__readonly__ TABLE_vrf [<vrf-name>] [<table-name>] [<table-id>] [<total-num-groups>] [TABLE_route_summary [<vrf-name>] [

<total-num-routes>] [<num-star-g-route>] [<num-sg-route>] [<num-star-g-prfx>] [
<num-group-count>]] [TABLE_one_route [<source-addrs>] [<source-len>] [<group-addrs>] [
<group-len>] [<df-ordinal>] [<rpf-intf>] [<flags>] [<stats-pkts>] [<stats-bytes>] [<oif-count>]
[<oiflist-index>] [TABLE_oif [<oif-name>] [<mti-src-intf>] [<mti-grp-ip>] [<mti-src-ip>]]]]

- NEW: show forwarding distribution ipv6 multicast route [table <table_id> | vrf <vrf-name>] [[group
  { <group> } [source { <source> }]] | summary] [__readonly__ TABLE_vrf [<vrf-name>] [
  <table-name>] [<table-id>] [<total-num-groups>] [TABLE_route_summary [<vrf-name>] [
  <total-num-routes>] [<num-star-g-route>] [<num-sg-route>] [<num-star-g-prfx>] [
  <num-group-count>]] [TABLE_one_route [<source-addrs>] [<source-len>] [<group-addrs>] [
  <group-len>] [<df-ordinal>] [<rpf-intf>] [<flags>] [<upstream-addrs>] [<stats-pkts>] [<stats-bytes>
  ] [<oif-count>] [<oiflist-index>] [TABLE_oif [<oif-name>] [<mti-src-intf>] [<mti-grp-ip>] [
  <mti-src-ip>]]]]]

- OLD: show forwarding distribution multicast outgoing-interface-list L2_PRIME [<index>] [
  __readonly__ <dvif> <platform_index> <ref_count> <l2-oifs> <port_set>]

- NEW: show forwarding distribution multicast outgoing-interface-list L2_PRIME [__readonly__ <index>
  <dvif> <platform_index> <ref_count> <l2-oifs> <port_set>]

- OLD: show forwarding nve l2 ingress-replication-peers [ipv4 <peer_ip> | ipv6 <v6_peer_ip>] + [
  __readonly__ [{ TABLE_VLAN <vlan_id> <vni> <ifindex> <plt_space> <peer> + } {
  TABLE_PSS_VLAN <vlan_pss_id> <VNI> <vtep> <peercnt> { <pss_peer> <marked> } + }] + [[
  <peer> <id> <repl_id> <oif> <hash_algo> <path_intf> + <vcount> <vlan_id> + [<path> <hash> <flags>
  <nh> <intf> +]] [<pss_peer> <pss_id> <pss_repl_id> <pss_oif> <pss_hash_algo> <pss_path_intf> +
  <pss_vcount> <vlan_pss_id> + [<pss_path> <pss_hash> <pss_flags> <pss_nh> <pss_intf> +]]]]

- NEW: show forwarding nve l2 ingress-replication-peers [ipv4 <peer_ip> | ipv6 <v6_peer_ip>] + [
  __readonly__ [{ TABLE_VLAN <vlan_id> <vni> <ifindex> <plt_space> <peer_bmp> <peer> + } {
  TABLE_PSS_VLAN <vlan_pss_id> <VNI> <vtep> <peercnt> <pss_peer_bmp> { <pss_peer> <marked>
  } + }] + [[<peer> <id> <repl_id> <oif> <hash_algo> <path_intf> + <vcount> <vlan_id> + [<path>
  <hash> <flags> <nh> <intf> +]] [<pss_peer> <pss_id> <pss_repl_id> <pss_oif> <pss_hash_algo>
  <pss_path_intf> + <pss_vcount> <vlan_pss_id> + [<pss_path> <pss_hash> <pss_flags> <pss_nh>
  <pss_intf> +]]]]

- OLD: show forwarding nve l3 adjacency tunnel [<tunnel_id> | all] [bd <bd_id> | detail | module
  <module> | table <table_id>] [__readonly__ TABLE_nvel3adj <tunnel_id> <bd_id> <table_id> <VNI>
  <Drop> <Refcount> <Origin> <State> <Del> [<sw_index> <hw_index0> <hw_index1> <hw_index2>
  ]]

- NEW: show forwarding nve l3 adjacency tunnel [<tunnel_id> | all] [bd <bd_id> | detail | module
  <module> | table <table_id>] [__readonly__ TABLE_nvel3adj <tunnel_id> <bd_id> <table_id> <VNI>
  <DownStream> <Drop> <Refcount> <Origin> <State> <Del> [<sw_index> <hw_index0> <hw_index1>
  <hw_index2>]]

- OLD: show forwarding srv6 adjacency encap [table <table_id>] [module <num>] [__readonly__ {
  TABLE_adj_encap <loc_bsid> <source_ip> <function> <tableid> <is_drop> }]

- NEW: show forwarding srv6 adjacency encap [table <table_id>] [module <num>] [__readonly__ {
  TABLE_adj_encap <loc_bsid> <source_ip> <function> <tableid> <is_drop> <bsid> }]

- OLD: show fte event [name] [{ <eventname> }] [__readonly__ <event> <description> <use_count>
  <latency_threshold> <latency_unit> <analytics_changed_flow_count> <latency_flow_count>]

- NEW: show fte event [name] [{ <eventname> }] [__readonly__ [{ TABLE_fte_event <event> [<description>] <use_count> [{ TABLE_fte_group <events> [<buffer_drops>] [<fwd_drops>] [<acl_drops>] [<flow_count>] [<latency_threshold>] [<latency_unit>] [<latency_flow_count>] }] }]]

- OLD: show fte record [name] [{ <recordname> } | { fte-original } | { fte { protocol-port | layer2-switched { input } | { ipv4 | ipv6 | l2 } { original-input } } }] [__readonly__ <record> <description> <use_count>]

- NEW: show fte record [name] [{ <recordname> } | { fte-original } | { fte { protocol-port | layer2-switched { input } | { ipv4 | ipv6 | l2 } { original-input } } }] [__readonly__ [{ TABLE_fte_record <record> [<description>] <use_count> [<match_ipv4_params> +] [<match_ipv6_params> +] [<match_datalink_params> +] }]]

- OLD: show hardware profile forwarding-mode [__READONLY__ <forwarding-mode> [<host-size>] [<unicast-size>] [<unicast-rpf-size>] [<unicast-ipv4-size>] [<unicast-ipv4-rpf-size>] [<unicast-ipv6-size>] [<multicast-size>] [<l2-size>] [<unified-size>]]

- NEW: show hardware profile forwarding-mode [__readonly__ <forwarding-mode> [<host-size>] [<unicast-size>] [<unicast-rpf-size>] [<unicast-ipv4-size>] [<unicast-ipv4-rpf-size>] [<unicast-ipv6-size>] [<multicast-size>] [<l2-size>] [<unified-size>]]

- OLD: show hardware qos afd profile [module <module>] [__readonly__ TABLE_qos_afd_profile <module> <prof-desc>]

- NEW: show hardware qos afd profile [module <module>] [__readonly__ TABLE_qos_afd_profile [<module>] <prof-desc>]

- OLD: show hardware qos burst-detect max-records [__readonly__ TABLE_qos_burstdetect_maxrecords]

- NEW: show hardware qos burst-detect max-records [__readonly__ <max_records>]

- OLD: show interface <ifeth_ctr_dtl_all> counters detailed all [snmp] [__readonly__ TABLE_interface <interface> [<rx_total_pkts>] [<tx_total_pkts>] [<rx_ucast_pkts>] [<rx_mcast_pkts>] [<rx_bcast_pkts>] [<rx_octets>] [<tx_ucast_pkts>] [<tx_mcast_pkts>] [<tx_bcast_pkts>] [<tx_octets>] [<rxtx_pkts_64octets>] [<rxtx_pkts_65_127octets>] [<rxtx_pkts_128_255octets>] [<rxtx_pkts_256_511octets>] [<rxtx_pkts_512_1023octets>] [<rxtx_pkts_1024_1518octets>] [<rxtx_pkts_1519_1548octets>] [<rx_trunk_frames>] [<tx_trunk_frames>] [<rx_drop_events>] [<rxtx_giants>] [<eth_load_interval1_rx>] [<eth_inrate1_bits>] [<eth_inrate1_pkts>] [<eth_load_interval1_tx>] [<eth_outrate1_bits>] [<eth_outrate1_pkts>] [<eth_inrate1_summary_bits>] [<eth_inrate1_summary_pkts>] [<eth_outrate1_summary_bits>] [<eth_outrate1_summary_pkts>] [<eth_load_interval2_rx>] [<eth_inrate2_bits>] [<eth_inrate2_pkts>] [<eth_load_interval2_tx>] [<eth_outrate2_bits>] [<eth_outrate2_pkts>] [<eth_inrate2_summary_bits>] [<eth_inrate2_summary_pkts>] [<eth_outrate2_summary_bits>] [<eth_outrate2_summary_pkts>] [<eth_load_interval3_rx>] [<eth_inrate3_bits>] [<eth_inrate3_pkts>] [<eth_load_interval3_tx>] [<eth_outrate3_bits>] [<eth_outrate3_pkts>] [<eth_inrate3_summary_bits>] [<eth_inrate3_summary_pkts>] [<eth_outrate3_summary_bits>] [<eth_outrate3_summary_pkts>] [<eth_l2_ucastpkts>] [<eth_l2_ucastbytes>] [<eth_l2_mcastpkts>] [<eth_l2_mcastbytes>] [<eth_l2_bcastpkts>] [<eth_l2_bcastbytes>] [<eth_l3in_ucastpkts>] [<eth_l3in_ucastbytes>] [<eth_l3in_mcastpkts>] [<eth_l3in_mcastbytes>] [<eth_l3in_bcastpkts>] [<eth_l3in_bcastbytes>] [<eth_l3out_ucastpkts>] [<eth_l3out_ucastbytes>] [<eth_l3out_mcastpkts>] [<eth_l3out_mcastbytes>] [<eth_l3out_bcastpkts>] [<eth_l3out_bcastbytes>] [<eth_l3in_routed_pkts>] [

<eth_l3in_routed_bytes>] [<eth_l3out_routed_pkts>] [<eth_l3out_routed_bytes>] [<eth_l3avg1_inbytes>] [<eth_l3avg1_inpkts>] [<eth_l3avg1_outbytes>] [<eth_l3avg1_outpkts>] [<eth_l3avg2_inbytes>] [<eth_l3avg2_inpkts>] [<eth_l3avg2_outbytes>] [<eth_l3avg2_outpkts>] [<eth_l3avg3_inbytes>] [<eth_l3avg3_inpkts>] [<eth_l3avg3_outbytes>] [<eth_l3avg3_outpkts>] [<eth_inpkts>] [<eth_inbytes>] [<eth_nobuf>] [<eth_inbcast>] [<eth_inmcast>] [<eth_inucast>] [<eth_ingiants>] [<eth_ipmcast>] [<eth_inhw_switched>] [<eth_insw_switched>] [<eth_runts>] [<eth_storm_supp>] [<eth_throtles>] [<eth_inerr>] [<eth_crc>] [<eth_ecc>] [<eth_frame>] [<eth_overrun>] [<eth_ignored>] [<eth_watchdog>] [<eth_outbcast>] [<eth_outmcast>] [<eth_outucast>] [<eth_outgiants>] [<eth_inpause>] [<eth_dribble>] [<eth_in_ifdown_drops>] [<eth_bad_eth>] [<eth_bad_proto>] [<eth_outpkts>] [<eth_outbytes>] [<eth_underrun>] [<eth_outhw_switched>] [<eth_outsw_switched>] [<eth_outerr>] [<eth_coll>] [<eth_resets>] [<eth_babbles>] [<eth_latecoll>] [<eth_deferred>] [<eth_lostcarrier>] [<eth_nocarrier>] [<eth_outpause>] [<eth_buffail>] [<eth_bufswapped>] [<eth_arpdrops>] [<eth_out_ifdown_drops>] [<eth_single_coll>] [<eth_multi_coll>] [<eth_excess_coll>] [<eth_jabbers>] [<eth_shortframe>] [<eth_indiscard>] [<eth_bad_encap>] [<eth_outcrc>] [<eth_symbol>] [<eth_out_drops>] [<eth_sqetest>] [<eth_inb64>] [<eth_inb65_127>] [<eth_inb128_255>] [<eth_inb256_511>] [<eth_inb512_1023>] [<eth_inb1024_1518>] [<eth_inb1519_1548>] [<eth_intrunk>] [<eth_outb64>] [<eth_outb65_127>] [<eth_outb128_255>] [<eth_outb256_511>] [<eth_outb512_1023>] [<eth_outb1024_1518>] [<eth_outb1519_1548>] [<eth_outtrunk>] [<eth_bpdu_outlost>] [<eth_cos0_outlost>] [<eth_cos1_outlost>] [<eth_cos2_outlost>] [<eth_cos3_outlost>] [<eth_cos4_outlost>] [<eth_cos5_outlost>] [<eth_cos6_outlost>] [<eth_cos7_outlost>] [<eth_fcoe_in_pkts>] [<eth_fcoe_in_octets>] [<eth_fcoe_out_pkts>] [<eth_fcoe_out_octets>] [<eth_nfcoe_in_pkts>] [<eth_nfcoe_in_octets>] [<eth_nfcoe_out_pkts>] [<eth_nfcoe_out_octets>] [<eth_eee_atx_lpi_msec>] [<eth_eee_arcv_lpi_msec>] [<eth_eee_atx_lpi_transitions>] [<eth_eee_arcv_lpi_transitions>] [<eth_phy_ber_count>] [<eth_phy_errblks_count>]]

- NEW: show interface <ifeth_ctr_dtl_all> counters detailed all [snmp] [__readonly__ TABLE_interface <interface> [<rx_total_pkts>] [<tx_total_pkts>] [<rx_ucast_pkts>] [<rx_mcast_pkts>] [<rx_bcast_pkts>] [<rx_octets>] [<tx_ucast_pkts>] [<tx_mcast_pkts>] [<tx_bcast_pkts>] [<tx_octets>] [<rxtx_pkts_64octets>] [<rxtx_pkts_65_127octets>] [<rxtx_pkts_128_255octets>] [<rxtx_pkts_256_511octets>] [<rxtx_pkts_512_1023octets>] [<rxtx_pkts_1024_1518octets>] [<rxtx_pkts_1519_1548octets>] [<rx_trunk_frames>] [<tx_trunk_frames>] [<rx_drop_events>] [<rxtx_giants>] [<eth_load_interval1_rx>] [<eth_inrate1_bits>] [<eth_inrate1_pkts>] [<eth_load_interval1_tx>] [<eth_outrate1_bits>] [<eth_outrate1_pkts>] [<eth_inrate1_summary_bits>] [<eth_inrate1_summary_pkts>] [<eth_outrate1_summary_bits>] [<eth_outrate1_summary_pkts>] [<eth_load_interval2_rx>] [<eth_inrate2_bits>] [<eth_inrate2_pkts>] [<eth_load_interval2_tx>] [<eth_outrate2_bits>] [<eth_outrate2_pkts>] [<eth_inrate2_summary_bits>] [<eth_inrate2_summary_pkts>] [<eth_outrate2_summary_bits>] [<eth_outrate2_summary_pkts>] [<eth_load_interval3_rx>] [<eth_inrate3_bits>] [<eth_inrate3_pkts>] [<eth_load_interval3_tx>] [<eth_outrate3_bits>] [<eth_outrate3_pkts>] [<eth_inrate3_summary_bits>] [<eth_inrate3_summary_pkts>] [<eth_outrate3_summary_bits>] [<eth_outrate3_summary_pkts>] [<eth_l2_ucastpkts>] [<eth_l2_ucastbytes>] [<eth_l2_mcastpkts>] [<eth_l2_mcastbytes>] [<eth_l2_bcastpkts>] [<eth_l2_bcastbytes>] [<eth_l3in_ucastpkts>] [<eth_l3in_ucastbytes>] [<eth_l3in_mcastpkts>] [<eth_l3in_mcastbytes>] [<eth_l3in_bcastpkts>] [<eth_l3in_bcastbytes>] [<eth_l3out_ucastpkts>] [<eth_l3out_ucastbytes>] [<eth_l3out_mcastpkts>] [<eth_l3out_mcastbytes>] [<eth_l3out_bcastpkts>] [<eth_l3out_bcastbytes>] [<eth_l3in_routed_pkts>] [<eth_l3in_routed_bytes>] [<eth_l3out_routed_pkts>] [<eth_l3out_routed_bytes>] [<eth_l3avg1_inbytes>] [<eth_l3avg1_inpkts>] [<eth_l3avg1_outbytes>] [<eth_l3avg1_outpkts>] [<eth_l3avg2_inbytes>] [<eth_l3avg2_inpkts>] [<eth_l3avg2_outbytes>] [<eth_l3avg2_outpkts>] [<eth_l3avg3_inbytes>] [<eth_l3avg3_inpkts>] [<eth_l3avg3_outbytes>] [<eth_l3avg3_outpkts>] [<eth_inpkts>] [<eth_inbytes>] [<eth_nobuf>] [<eth_inbcast>] [<eth_inmcast>] [<eth_inucast>] [<eth_ingiants>] [<eth_ipmcast>] [<eth_inhw_switched>] [<eth_insw_switched>] [<eth_runts>]

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• OLD: show interface <ifeth_ctr_dtl_all> counters detailed cached [__readonly__ TABLE_interface <interface> [<rx_total_pkts>] [<tx_total_pkts>] [<rx_ucast_pkts>] [<rx_mcast_pkts>] [<rx_bcast_pkts>] [<rx_octets>] [<tx_ucast_pkts>] [<tx_mcast_pkts>] [<tx_bcast_pkts>] [<tx_octets>] [<rxtx_pkts_64octets>] [<rxtx_pkts_65_127octets>] [<rxtx_pkts_128_255octets>] [<rxtx_pkts_256_511octets>] [<rxtx_pkts_512_1023octets>] [<rxtx_pkts_1024_1518octets>] [<rxtx_pkts_1519_1548octets>] [<rx_trunk_frames>] [<tx_trunk_frames>] [<rx_drop_events>] [<rxtx_giants>] [<eth_load_interval1_rx>] [<eth_inrate1_bits>] [<eth_inrate1_pkts>] [<eth_load_interval1_tx>] [<eth_outrate1_bits>] [<eth_outrate1_pkts>] [<eth_inrate1_summary_bits>] [<eth_inrate1_summary_pkts>] [<eth_outrate1_summary_bits>] [<eth_outrate1_summary_pkts>] [<eth_load_interval2_rx>] [<eth_inrate2_bits>] [<eth_inrate2_pkts>] [<eth_load_interval2_tx>] [<eth_outrate2_bits>] [<eth_outrate2_pkts>] [<eth_inrate2_summary_bits>] [<eth_inrate2_summary_pkts>] [<eth_outrate2_summary_bits>] [<eth_outrate2_summary_pkts>] [<eth_load_interval3_rx>] [<eth_inrate3_bits>] [<eth_inrate3_pkts>] [<eth_load_interval3_tx>] [<eth_outrate3_bits>] [<eth_outrate3_pkts>] [<eth_inrate3_summary_bits>] [<eth_inrate3_summary_pkts>] [<eth_outrate3_summary_bits>] [<eth_outrate3_summary_pkts>] [<eth_l2_ucastpkts>] [<eth_l2_ucastbytes>] [<eth_l2_mcastpkts>] [<eth_l2_mcastbytes>] [<eth_l2_bcastpkts>] [<eth_l2_bcastbytes>] [<eth_l3in_ucastpkts>] [<eth_l3in_ucastbytes>] [<eth_l3in_mcastpkts>] [<eth_l3in_mcastbytes>] [<eth_l3in_bcastpkts>] [<eth_l3in_bcastbytes>] [<eth_l3out_ucastpkts>] [<eth_l3out_ucastbytes>] [<eth_l3out_mcastpkts>] [<eth_l3out_mcastbytes>] [<eth_l3out_bcastpkts>] [<eth_l3out_bcastbytes>] [<eth_l3in_routed_pkts>] [<eth_l3in_routed_bytes>] [<eth_l3out_routed_pkts>] [<eth_l3out_routed_bytes>] [<eth_l3avg1_inbytes>] [<eth_l3avg1_inpkts>] [<eth_l3avg1_outbytes>] [<eth_l3avg1_outpkts>] [<eth_l3avg2_inbytes>] [<eth_l3avg2_inpkts>] [<eth_l3avg2_outbytes>] [<eth_l3avg2_outpkts>] [<eth_l3avg3_inbytes>] [<eth_l3avg3_inpkts>] [<eth_l3avg3_outbytes>] [<eth_l3avg3_outpkts>] [<eth_inpkts>] [<eth_inbytes>] [<eth_nobuf>] [<eth_inbcast>] [<eth_inmcast>] [<eth_inucast>] [<eth_ingiants>] [<eth_ipmcast>] [<eth_inhw_switched>] [<eth_insw_switched>] [<eth_runts>] [<eth_storm_supp>] [<eth_throtles>] [<eth_inerr>] [<eth_crc>] [<eth_ecc>] [<eth_frame>] [<eth_overrun>] [<eth_ignored>] [<eth_watchdog>] [<eth_outbcast>] [<eth_outmcast>] [<eth_outucast>] [<eth_outgiants>] [<eth_inpause>] [<eth_dribble>] [<eth_in_ifdown_drops>] [

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- NEW: show interface <ifeth_ctr_dtl_all> counters detailed cached [__readonly__ TABLE_interface <interface> [<rx_total_pkts>] [<tx_total_pkts>] [<rx_ucast_pkts>] [<rx_mcast_pkts>] [<rx_bcast_pkts>] [<rx_octets>] [<tx_ucast_pkts>] [<tx_mcast_pkts>] [<tx_bcast_pkts>] [<tx_octets>] [<rxtx_pkts_64octets>] [<rxtx_pkts_65_127octets>] [<rxtx_pkts_128_255octets>] [<rxtx_pkts_256_511octets>] [<rxtx_pkts_512_1023octets>] [<rxtx_pkts_1024_1518octets>] [<rxtx_pkts_1519_1548octets>] [<rx_trunk_frames>] [<tx_trunk_frames>] [<rx_drop_events>] [<rxtx_giants>] [<eth_load_interval1_rx>] [<eth_inrate1_bits>] [<eth_inrate1_pkts>] [<eth_load_interval1_tx>] [<eth_outrate1_bits>] [<eth_outrate1_pkts>] [<eth_inrate1_summary_bits>] [<eth_inrate1_summary_pkts>] [<eth_outrate1_summary_bits>] [<eth_outrate1_summary_pkts>] [<eth_load_interval2_rx>] [<eth_inrate2_bits>] [<eth_inrate2_pkts>] [<eth_load_interval2_tx>] [<eth_outrate2_bits>] [<eth_outrate2_pkts>] [<eth_inrate2_summary_bits>] [<eth_inrate2_summary_pkts>] [<eth_outrate2_summary_bits>] [<eth_outrate2_summary_pkts>] [<eth_load_interval3_rx>] [<eth_inrate3_bits>] [<eth_inrate3_pkts>] [<eth_load_interval3_tx>] [<eth_outrate3_bits>] [<eth_outrate3_pkts>] [<eth_inrate3_summary_bits>] [<eth_inrate3_summary_pkts>] [<eth_outrate3_summary_bits>] [<eth_outrate3_summary_pkts>] [<eth_l2_ucastpkts>] [<eth_l2_ucastbytes>] [<eth_l2_mcastpkts>] [<eth_l2_mcastbytes>] [<eth_l2_bcastpkts>] [<eth_l2_bcastbytes>] [<eth_l3in_ucastpkts>] [<eth_l3in_ucastbytes>] [<eth_l3in_mcastpkts>] [<eth_l3in_mcastbytes>] [<eth_l3in_bcastpkts>] [<eth_l3in_bcastbytes>] [<eth_l3out_ucastpkts>] [<eth_l3out_ucastbytes>] [<eth_l3out_mcastpkts>] [<eth_l3out_mcastbytes>] [<eth_l3out_bcastpkts>] [<eth_l3out_bcastbytes>] [<eth_l3in_routed_pkts>] [<eth_l3in_routed_bytes>] [<eth_l3out_routed_pkts>] [<eth_l3out_routed_bytes>] [<eth_l3avg1_inbytes>] [<eth_l3avg1_inpkts>] [<eth_l3avg1_outbytes>] [<eth_l3avg1_outpkts>] [<eth_l3avg2_inbytes>] [<eth_l3avg2_inpkts>] [<eth_l3avg2_outbytes>] [<eth_l3avg2_outpkts>] [<eth_l3avg3_inbytes>] [<eth_l3avg3_inpkts>] [<eth_l3avg3_outbytes>] [<eth_l3avg3_outpkts>] [<eth_inpkts>] [<eth_inbytes>] [<eth_nobuf>] [<eth_inbcast>] [<eth_inmcast>] [<eth_inucast>] [<eth_ingiants>] [<eth_ipmcast>] [<eth_inhw_switched>] [<eth_insw_switched>] [<eth_runts>] [<eth_storm_supp>] [<eth_throtles>] [<eth_inerr>] [<eth_crc>] [<eth_ecc>] [<eth_frame>] [<eth_overrun>] [<eth_ignored>] [<eth_watchdog>] [<eth_outbcast>] [<eth_outmcast>] [<eth_outucast>] [<eth_outgiants>] [<eth_inpause>] [<eth_dribble>] [<eth_in_ifdown_drops>] [<eth_bad_eth>] [<eth_bad_proto>] [<eth_outpkts>] [<eth_outbytes>] [<eth_underrun>] [<eth_outhw_switched>] [<eth_outsw_switched>] [<eth_outerr>] [<eth_coll>] [<eth_resets>] [<eth_babbles>] [<eth_latecoll>] [<eth_deferred>] [<eth_lostcarrier>] [<eth_nocarrier>] [<eth_outpause>] [<eth_buffail>] [<eth_bufswapped>] [<eth_arpdrops>] [<eth_out_ifdown_drops>] [<eth_single_coll>] [<eth_multi_coll>] [<eth_excess_coll>] [<eth_jabbers>] [<eth_shortframe>] [<eth_indiscard>] [<eth_bad_encap>] [<eth_outcrc>] [<eth_symbol>] [<eth_out_drops>] [

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] [<svi_ucast_pkts_in>] [<svi_ucast_bytes_in>] [<svi_mcast_pkts_in>] [<svi_mcast_bytes_in>] [
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<svi_reliability>]] [<switchport>]]

- **NEW:** show interface <ifid> [quick] [__readonly__ TABLE_interface <interface> [<desc>] [[
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] [<svi_delay>] [<vlan_id>] [<type>]] [[<svi_tx_load>] [<svi_rx_load>]] [[
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<svi_time_last_cleared>]] [{ [TABLE_sec_vlan] [<sec_vlan>] [<sec_vlan_type>] }] [[
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] [<eth_l3out_bcastpkts>] [<eth_l3out_bcastbytes>] [<eth_l3in_routed_pkts>] [
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] [<eth_single_coll>] [<eth_multi_coll>] [<eth_excess_coll>] [<eth_jabbers>] [<eth_shortframe>] [<eth_indiscard>] [<eth_bad_encap>] [<eth_outcrc>] [<eth_symbol>] [<eth_out_drops>] [<eth_sqetest>] [<eth_inb64>] [<eth_inb65_127>] [<eth_inb128_255>] [<eth_inb256_511>] [<eth_inb512_1023>] [<eth_inb1024_1518>] [<eth_inb1519_1548>] [<eth_intrunk>] [<eth_outb64>] [<eth_outb65_127>] [<eth_outb128_255>] [<eth_outb256_511>] [<eth_outb512_1023>] [<eth_outb1024_1518>] [<eth_outb1519_1548>] [<eth_outtrunk>] [<eth_bpdu_outlost>] [<eth_cos0_outlost>] [<eth_cos1_outlost>] [<eth_cos2_outlost>] [<eth_cos3_outlost>] [<eth_cos4_outlost>] [<eth_cos5_outlost>] [<eth_cos6_outlost>] [<eth_cos7_outlost>] [<eth_fcoe_in_pkts>] [<eth_fcoe_in_octets>] [<eth_fcoe_out_pkts>] [<eth_fcoe_out_octets>] [<eth_nfcoe_in_pkts>] [<eth_nfcoe_in_octets>] [<eth_nfcoe_out_pkts>] [<eth_nfcoe_out_octets>] [<eth_eee_atx_lpi_msec>] [<eth_eee_arcv_lpi_msec>] [<eth_eee_atx_lpi_transitions>] [<eth_eee_arcv_lpi_transitions>] [<eth_phy_ber_count>] [<eth_phy_errblks_count>] [<eth_tx_frm_error>] [<eth_rx_toolong>] [<eth_rx_undersize>] [<eth_rx_fragment>] [<eth_rx_crcerr_not_stomped>] [<eth_rx_crcerr_stomped>] [<eth_rx_inrangeerr>]] [[<svi_routed_pkts_in>] [<svi_routed_bytes_in>] [<svi_routed_pkts_out>] [<svi_routed_bytes_out>] [<svi_ucast_pkts_in>] [<svi_ucast_bytes_in>] [<svi_mcast_pkts_in>] [<svi_mcast_bytes_in>] [<svi_ucast_pkts_out>] [<svi_ucast_bytes_out>] [<svi_mcast_pkts_out>] [<svi_mcast_bytes_out>] [<svi_ipv4_ucast_pkts_in>] [<svi_ipv4_ucast_bytes_in>] [<svi_ipv4_ucast_pkts_out>] [<svi_ipv4_ucast_bytes_out>] [<svi_ipv4_mcast_pkts_in>] [<svi_ipv4_mcast_bytes_in>] [<svi_ipv4_mcast_pkts_out>] [<svi_ipv4_mcast_bytes_out>] [<svi_ipv6_ucast_pkts_in>] [<svi_ipv6_ucast_bytes_in>] [<svi_ipv6_ucast_pkts_out>] [<svi_ipv6_ucast_bytes_out>] [<svi_ipv6_mcast_pkts_in>] [<svi_ipv6_mcast_bytes_in>] [<svi_ipv6_mcast_pkts_out>] [<svi_ipv6_mcast_bytes_out>] [<svi_average_input_bits>] [<svi_average_input_packets>] [<svi_average_output_bits>] [<svi_average_output_packets>] [<svi_rate_in_mins>]]] [[<svi_reliability>]] [<switchport>]]

- OLD: show interface <ifid_brf> brief [__readonly__ { TABLE_interface <interface> [<desc>] [[<svi_if_index>] [<svi_admin_state>] [<oper_state>] [<svi_rsn_desc>] [<svi_line_proto>] [<svi_hw>] [<svi_mac>] [<svi_desc>] [<svi_ip_addr>] [<svi_ip_mask>] [<svi_mtu>] [<svi_bw>] [<svi_delay>] [<vlan_id>] [<type>]] [[<svi_tx_load>] [<svi_rx_load>]] [[<svi_carrier_delay_sec>] [<svi_carrier_delay_msec>] [<svi_arp_type>] [<svi_arp_timeout>]] [[<svi_time_last_cleared>]] [{ TABLE_secondary_vlan <sec_vlan> <sec_vlan_type> }]] [[<eth_load_interval1_rx>] [<eth_inrate1_bits>] [<eth_inrate1_pkts>] [<eth_load_interval1_tx>] [<eth_outrate1_bits>] [<eth_outrate1_pkts>] [<eth_inrate1_summary_bits>] [<eth_inrate1_summary_pkts>] [<eth_outrate1_summary_bits>] [<eth_outrate1_summary_pkts>] [<eth_load_interval2_rx>] [<eth_inrate2_bits>] [<eth_inrate2_pkts>] [<eth_load_interval2_tx>] [<eth_outrate2_bits>] [<eth_outrate2_pkts>] [<eth_inrate2_summary_bits>] [<eth_inrate2_summary_pkts>] [<eth_outrate2_summary_bits>] [<eth_outrate2_summary_pkts>] [<eth_load_interval3_rx>] [<eth_inrate3_bits>] [<eth_inrate3_pkts>] [<eth_load_interval3_tx>] [<eth_outrate3_bits>] [<eth_outrate3_pkts>] [<eth_inrate3_summary_bits>] [<eth_inrate3_summary_pkts>] [<eth_outrate3_summary_bits>] [<eth_outrate3_summary_pkts>] [<eth_l2_ucastpkts>] [<eth_l2_ucastbytes>] [<eth_l2_mcastpkts>] [<eth_l2_mcastbytes>] [<eth_l2_bcastpkts>] [<eth_l2_bcastbytes>] [<eth_l3in_ucastpkts>] [<eth_l3in_ucastbytes>] [<eth_l3in_mcastpkts>] [<eth_l3in_mcastbytes>] [<eth_l3in_bcastpkts>] [<eth_l3in_bcastbytes>] [<eth_l3out_ucastpkts>] [<eth_l3out_ucastbytes>] [<eth_l3out_mcastpkts>] [<eth_l3out_mcastbytes>] [<eth_l3out_bcastpkts>] [<eth_l3out_bcastbytes>] [<eth_l3in_routed_pkts>] [<eth_l3in_routed_bytes>] [<eth_l3out_routed_pkts>] [<eth_l3out_routed_bytes>] [<eth_l3avg1_inbytes>] [<eth_l3avg1_inpkts>] [<eth_l3avg1_outbytes>] [<eth_l3avg1_outpkts>] [<eth_l3avg2_inbytes>] [<eth_l3avg2_inpkts>] [<eth_l3avg2_outbytes>] [<eth_l3avg2_outpkts>] [<eth_l3avg3_inbytes>] [<eth_l3avg3_inpkts>] [<eth_l3avg3_outbytes>] [<eth_l3avg3_outpkts>] [<eth_inpkts>] [<eth_inbytes>] [<eth_nobuf>] [<eth_inbcast>] [<eth_inmcast>] [<eth_inucast>]

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] [<eth_single_coll>] [<eth_multi_coll>] [<eth_excess_coll>] [<eth_jabbers>] [<eth_shortframe>
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<eth_eee_arcv_lpi_transitions>] [<eth_phy_ber_count>] [<eth_phy_errblks_count>]] [[
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] [<svi_ucast_pkts_in>] [<svi_ucast_bytes_in>] [<svi_mcast_pkts_in>] [<svi_mcast_bytes_in>] [
<svi_ucast_pkts_out>] [<svi_ucast_bytes_out>] [<svi_mcast_pkts_out>] [<svi_mcast_bytes_out>
] [<svi_ipv4_ucast_pkts_in>] [<svi_ipv4_ucast_bytes_in>] [<svi_ipv4_ucast_pkts_out>] [
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<svi_average_output_bits>] [<svi_average_output_packets>] [<svi_rate_in_mins>]]] [[
<svi_reliability>]] [<switchport>] }]

- NEW: show interface <ifid_brf> brief [__readonly__ { TABLE_interface <interface> [<desc>] [[
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<svi_hw>] [<svi_mac>] [<svi_desc>] [<svi_ip_addr>] [<svi_ip_mask>] [<svi_mtu>] [<svi_bw>
] [<svi_delay>] [<vlan_id>] [<type>]] [[<svi_tx_load>] [<svi_rx_load>]] [[
<svi_carrier_delay_sec>] [<svi_carrier_delay_msec>] [<svi_arp_type>] [<svi_arp_timeout>]] [[
<svi_time_last_cleared>]]] [{ TABLE_secondary_vlan <sec_vlan> <sec_vlan_type> }]] [[
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<eth_outrate2_bits>] [<eth_outrate2_pkts>] [<eth_inrate2_summary_bits>] [
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[<eth_ingiants>] [<eth_ipmcast>] [<eth_inhw_switched>] [<eth_insw_switched>] [<eth_runts>]
[<eth_storm_supp>] [<eth_throtles>] [<eth_inerr>] [<eth_crc>] [<eth_ecc>] [<eth_frame>] [
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] [<eth_single_coll>] [<eth_multi_coll>] [<eth_excess_coll>] [<eth_jabbers>] [<eth_shortframe>
] [<eth_indiscard>] [<eth_bad_encap>] [<eth_outcrc>] [<eth_symbol>] [<eth_out_drops>] [
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<eth_cos4_outlost>] [<eth_cos5_outlost>] [<eth_cos6_outlost>] [<eth_cos7_outlost>] [
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<eth_nfcoe_in_pkts>] [<eth_nfcoe_in_octets>] [<eth_nfcoe_out_pkts>] [<eth_nfcoe_out_octets>]
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<eth_rx_crcerr_not_stomped>] [<eth_rx_crcerr_stomped>] [<eth_rx_inrangeerr>]] [[
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] [<svi_ucast_pkts_in>] [<svi_ucast_bytes_in>] [<svi_mcast_pkts_in>] [<svi_mcast_bytes_in>] [
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] [<svi_ipv4_ucast_pkts_in>] [<svi_ipv4_ucast_bytes_in>] [<svi_ipv4_ucast_pkts_out>] [
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<svi_reliability>]] [<switchport>] }]

- OLD: show interface <ifid_ctrs_det2> counters details [__readonly__ TABLE_ifid_counters [<sfp>
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<class_3_frames> <class_3_bytes_recv> <class_f_frames> <class_f_bytes_recv> <class_f_in_discards>
<class_f_errors_recvd> <class_f_out_discards> <class_f_errors_trans> <out_frames> <out_bytes>
<class_2_out_frames> <class_2_bytes_trans> <class_3_out_frames> <class_3_bytes_trans>
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<inv_trans_err> <inv_crc> <delim_err> <addr_iden_err> <link_reset_rcvd> <link_reset_trans>
<off_seq_err_rcvd> <off_seq_err_trans> <frames_rcvd_short> <frames_rcvd_long> <txwait>
<frames_rcvd_greater> <frame_rcvd_short_header> <link_reset_resp_rcvd> <link_reset_resp_trans>

<non_oper_seq_rcvd> <non_oper_seq_trans> <frag_frames_rcvd> <frames_eof_abort> <unknown_class_frames_rcvd> <8b10b_disparity_err> <frames_discard> <ex_link_param_sw_fab> [<in_link_ser_req_faliures>] <b2b_credits_transmit> <b2b_credits_receive> <eisl_frames> <framing_err> <f8_lip_seq_err_rcvd> <f8_lip_seq_err_issued> <non_f8_lip_seq_err_rcvd> <non_f8_lip_seq_err_issued> [<fec_corrected>] [<fec_uncorrected>]]]

- NEW: show interface <ifid_ctrs_det2> counters details [__readonly__ TABLE_ifid_counters [<sfp> <in_frames> <in_bytes> <class_2_frames> <class_2_in_bytes> <class_2_in_discards> <class_2_in_f_bsy_frames> <class_2_in_f_rgt_frames> <class_2_in_port_reject_frames> <class_3_frames> <class_3_bytes_recv> <class_f_frames> <class_f_bytes_recv> <class_f_in_discards> <class_f_errors_recvd> <class_f_out_discards> <class_f_errors_trans> <out_frames> <out_bytes> <class_2_out_frames> <class_2_bytes_trans> <class_3_out_frames> <class_3_bytes_trans> <class_3_out_discards> <class_f_out_frames> <class_f_bytes_trans> <class_f_discards> <muticast_rcvd> <multicast_trans> <broadcast_rcvd> <broadcast_trans> <unicast_rcvd> <unicast_trans> <timeout_discards> <credit_loss> <link_faliures> <sync_loss> <signal_loss> <prm_seq_pro_err> <inv_trans_err> <inv_crc> <delim_err> <addr_iden_err> <link_reset_rcvd> <link_reset_trans> <off_seq_err_rcvd> <off_seq_err_trans> <frames_rcvd_short> <frames_rcvd_long> [<txwait>] <frames_rcvd_greater> <frame_rcvd_short_header> <link_reset_resp_rcvd> <link_reset_resp_trans> <non_oper_seq_rcvd> <non_oper_seq_trans> <frag_frames_rcvd> <frames_eof_abort> <unknown_class_frames_rcvd> <8b10b_disparity_err> <frames_discard> <ex_link_param_sw_fab> [<in_link_ser_req_faliures>] <b2b_credits_transmit> [<b2b_credits_receive>] <eisl_frames> <framing_err> <f8_lip_seq_err_rcvd> <f8_lip_seq_err_issued> <non_f8_lip_seq_err_rcvd> <non_f8_lip_seq_err_issued> [<fec_corrected>] [<fec_uncorrected>]]]

- OLD: show interface <ifloop> [__readonly__ TABLE_interface <interface> [<state>] [<admin_state>] [<share_state>] [<state_rsn>] [<state_rsn_desc>] [<desc>] [<eth_bundle>] [<mgmt_sfp>] [<mgmt_type>] [<eth_eee_state>] [<eth_dce_mode>] [<vpc_status>] [<eth_rsn_fac>] [<eth_rsn_code>] [<eth_hw_desc>] [<eth_hw_addr>] [<eth_bia_addr>] [<eth_ip_addr>] [<eth_ip_mask>] [<eth_ip_prefix>] [<eth_mtu>] [<eth_bw>] [<eth_encap_vlan>] [<encapsulation>] [<eth_dly>] [<eth_reliability>] [<eth_txload>] [<eth_rxload>] [<eth_loopback>] [<eth_keepalive>] [<eth_duplex>] [<eth_speed>] [<eth_mode>] [<eth_ratemode>] [<eth_autoneg>] [<eth_beacon>] [<eth_media>] [<eth_in_flowctrl>] [<eth_out_flowctrl>] [<eth_mdix>] [<eth_swt_monitor>] [<eth_ethertype>] [<eth_members>] [<eth_clk_mode>] [<eth_arp_type>] [<eth_arp_timeout>] [<eth_last_in>] [<eth_last_out>] [<eth_out_hang>] [<eth_clear_counters>] [<eth_link_flapped>] [<eth_inq_size>] [<eth_inq_max>] [<eth_inq_drops>] [<eth_inq_flush>] [<eth_out_drop>] [<eth_q_strategy>] [<eth_outq_size>] [<eth_outq_max>] [<eth_reset_cntr>] [<loop_in_pkts>] [<loop_in_bytes>] [<loop_in_mcast>] [<loop_in_compressed>] [<loop_in_errors>] [<loop_in_frame>] [<loop_in_overrun>] [<loop_in_fifo>] [<loop_out_pkts>] [<loop_out_bytes>] [<loop_out_underruns>] [<loop_out_errors>] [<loop_out_collisions>] [<loop_out_fifo>] [<loop_out_carriers>]]

- NEW: show interface <ifloop> [__readonly__ TABLE_interface <interface> [<state>] [<admin_state>] [<share_state>] [<state_rsn>] [<state_rsn_desc>] [<desc>] [<eth_bundle>] [<mgmt_sfp>] [<mgmt_type>] [<eth_eee_state>] [<eth_dce_mode>] [<vpc_status>] [<eth_rsn_fac>] [<eth_rsn_code>] [<eth_hw_desc>] [<eth_hw_addr>] [<eth_bia_addr>] [<eth_ip_addr>] [<eth_ip_mask>] [<eth_ip_prefix>] [<eth_mtu>] [<eth_bw>] [<eth_encap_vlan>] [<encapsulation>] [<eth_dly>] [<eth_reliability>] [<eth_txload>] [<eth_rxload>] [<eth_loopback>] [<eth_keepalive>] [<eth_duplex>] [<eth_speed>] [<eth_mode>] [<eth_ratemode>] [<eth_autoneg>] [<eth_beacon>] [<eth_media>] [<eth_in_flowctrl>] [<eth_out_flowctrl>] [<eth_mdix>] [<eth_swt_monitor>] [<eth_ethertype>] [<eth_members>] [<eth_clk_mode>] [<eth_arp_type>] [<eth_arp_timeout>] [<eth_last_in>] [<eth_last_out>] [<eth_out_hang>] [<eth_clear_counters>] [<eth_link_flapped>] [<eth_inq_size>] [<eth_inq_max>] [<eth_inq_drops>] [<eth_inq_flush>] [<eth_out_drop>] [

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- OLD: show interface <ifrange> status [err-disabled] [__readonly__ TABLE_interface <interface> <name> <state> <state_rsn> <state_rsn_desc>]

- NEW: show interface <ifrange> status [err-disabled] [__readonly__ TABLE_interface <interface> <name> <state> [<state_rsn>] [<state_rsn_desc>]]

- OLD: show interface [<if_list>] priority-flow-control [detail] [module <module>] [__readonly__ [TABLE_pfc_interface <if_name_str> <admin> <oper> [<cos-list>] <rx-stats> <tx-stats> [<rx_ppp_cos_0>] [<rx_ppp_cos_1>] [<rx_ppp_cos_2>] [<rx_ppp_cos_3>] [<rx_ppp_cos_4>] [<rx_ppp_cos_5>] [<rx_ppp_cos_6>] [<rx_ppp_cos_7>] [<tx_ppp_cos_0>] [<tx_ppp_cos_1>] [<tx_ppp_cos_2>] [<tx_ppp_cos_3>] [<tx_ppp_cos_4>] [<tx_ppp_cos_5>] [<tx_ppp_cos_6>] [<tx_ppp_cos_7>]]]

- NEW: show interface [<if_list>] priority-flow-control [detail] [module <module>] [__readonly__ [TABLE_pfc_interface <if_name_str> <admin> <oper> [<oper_vl_bmap>] [<cos-list>] <rx-stats> <tx-stats> [<rx_ppp_cos_0>] [<rx_ppp_cos_1>] [<rx_ppp_cos_2>] [<rx_ppp_cos_3>] [<rx_ppp_cos_4>] [<rx_ppp_cos_5>] [<rx_ppp_cos_6>] [<rx_ppp_cos_7>] [<tx_ppp_cos_0>] [<tx_ppp_cos_1>] [<tx_ppp_cos_2>] [<tx_ppp_cos_3>] [<tx_ppp_cos_4>] [<tx_ppp_cos_5>] [<tx_ppp_cos_6>] [<tx_ppp_cos_7>]]]

- OLD: show interface [controller | quick] [__readonly__ TABLE_interface <interface> [<state>] [<state_rsn>] [<state_rsn_desc>] [[<vsan_brief>] [<oper_port_state>] [<port_state>] [<bound_interface>] [<port_desc>] [<port_des>] [<mgmt_hw_desc1>] [<mgmt_hw_addr1>] [<port_name>] [<hardware>] [<sfp>] [<port_wwn>] [<peer_port_wwn>] [<admin_mode>] [<admin_trunk_mode>] [<snmp_trap>] [<status>] [<state_rsn1>] [<fcot_info>] [<bind_info>] [<bind_mac>] [<bind_type>] [<port_mode>] [<fcid>] [<cfg_port_vsan>] [<vsan>] [<port_rate_mode>] [<oper_speed>] [<admin_speed>] [<port_channel>] [<ip_addr1>] [<oper_txbbcredit>] [<oper_rxbbcredit>] [<port_bb_scn>] [<admin_rxbufsize>] [<admin_port_encap>] [<admin_beacon_mode>] [<admin_fec_state>] [<oper_fec_state>] [<bundle_if_index>] [<trkd_if_index>] [<trk_cfg_vsans>] [<trkd_port_state>] [<num_ports>] [TABLE_trk_intf [<trk_intf>]] [<info_type_num>] [<info_model_num>] [<info_manufacturer>] [<info_port_id>] [<active_vsan>] [<trunk_vsan_up>] [<trunk_vsan_isolated>] [<trunk_vsan_initializing>] [<in_bps>] [<in_byps>] [<in_fps>] [<out_bps>] [<out_byps>] [<out_fps>] [<total_in_frames>] [<total_in_bytes>] [<total_in_discards>] [<total_in_errors>] [<invalid_crc>] [<unknown_class_frames>] [<frames_too_long>] [<frames_too_short>] [<total_out_frames>] [<total_out_bytes>] [<total_out_discards>] [<total_out_errors>] [<in_ols>] [<in_lrr>] [<in_nos>] [<in_loop_inits>] [<out_ols>] [<out_lrr>] [<out_nos>] [<out_loop_inits>] [<rx_b2b_perf_buff>] [<rx_b2b_credit>] [<tx_b2b_credit>] [<tx_b2b_low_pri_cre>] [<fcoe_in_pkts>] [<fcoe_in_octets>] [<fcoe_out_pkts>] [<fcoe_out_octets>] [TABLE_members [<port_channel_member>]] [<interface_last_changed>] [<time_last_cleared>]] [[<interface_quick>] [<vsan_brief_quick>] [<oper_port_state_quick>] [<port_state_quick>] [<bound_interface_quick>] [<port_desc_quick>] [<port_des_quick>] [<mgmt_hw_desc1_quick>] [<mgmt_hw_addr1_quick>] [<port_name_quick>] [<hardware_quick>] [<sfp_quick>] [<port_wwn_quick>] [<peer_port_wwn_quick>] [<admin_mode_quick>] [<admin_trunk_mode_quick>] [<snmp_trap_quick>] [<status_quick>] [<state_rsn1_quick>] [<fcot_info_quick>] [<bind_info_quick>] [<bind_mac_quick>] [<bind_type_quick>] [

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<port_rate_mode_quick>] [<oper_speed_quick>] [<admin_speed_quick>] [<port_channel_quick>
] [<ip_addr1_quick>] [<oper_txbbcredit_quick>] [<oper_rxbbcredit_quick>] [<port_bb_scn_quick>
] [<admin_rxbufsize_quick>] [<admin_port_encap_quick>] [<admin_beacon_mode_quick>] [
<admin_fec_state_quick>] [<oper_fec_state_quick>] [<bundle_if_index_quick>] [
<trkd_if_index_quick>] [<trk_cfg_vsans_quick>] [<trkd_port_state_quick>] [<num_ports_quick>
] [TABLE_trk_intf_quick [<trk_intf_quick>]] [<info_type_num_quick>] [<info_model_num_quick>
] [<info_manufacturer_quick>] [<info_port_id_quick>] [<active_vsan_quick>] [
<trunk_vsan_up_quick>] [<trunk_vsan_isolated_quick>] [<trunk_vsan_initializing_quick>] [
<in_bps_quick>] [<in_byps_quick>] [<in_fps_quick>] [<out_bps_quick>] [<out_byps_quick>] [
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] [<total_in_errors_quick>] [<invalid_crc_quick>] [<unknown_class_frames_quick>] [
<frames_too_long_quick>] [<frames_too_short_quick>] [<total_out_frames_quick>] [
<total_out_bytes_quick>] [<total_out_discards_quick>] [<total_out_errors_quick>] [<in_ols_quick>
] [<in_lrr_quick>] [<in_nos_quick>] [<in_loop_inits_quick>] [<out_ols_quick>] [<out_lrr_quick>
] [<out_nos_quick>] [<out_loop_inits_quick>] [<rx_b2b_perf_buff_quick>] [<rx_b2b_credit_quick>
] [<tx_b2b_credit_quick>] [<tx_b2b_low_pri_cre_quick>] [<fcoe_in_pkts_quick>] [
<fcoe_in_octets_quick>] [<fcoe_out_pkts_quick>] [<fcoe_out_octets_quick>] [
TABLE_members_quick [<port_channel_member_quick>]] [<interface_last_changed_quick>] [
<time_last_cleared_quick>]]] [[<eth_rsn_fac>] [<eth_rsn_code>] [<admin_state>] [<share_state>
] [<parent_interface>] [<vpc_status>] [<eth_bundle>] [<eth_hw_desc>] [<eth_hw_addr>] [
<eth_bia_addr>] [<desc>] [<eth_ip_addr>] [<eth_ip_mask>] [<eth_ip_prefix>] [<eth_mtu>] + [
<eth_bw>] [<eth_bw_str>] [<eth_dly>] [<eth_reliability>] [<eth_txload>] [<eth_rxload>] [
<eth_encap_vlan>] [<encapsulation>] [<medium>] [<eth_mode>] [<eth_duplex>] [<eth_speed>
] [<eth_media>] [<eth_beacon>] [<eth_autoneg>] [<eth_in_flowctrl>] [<eth_out_flowctrl>] [
<eth_mdix>] [<eth_ratemode>] [<eth_swt_monitor>] [<eth_ethertype>] [<eth_eee_state>] [
<eth_admin_fec_state>] [<eth_oper_fec_state>] [<eth_members>] [<eth_link_flapped>] [
<eth_clear_counters>] [<eth_reset_cntr>]] [[<eth_load_interval1_rx>] [<eth_inrate1_bits>] [
<eth_inrate1_pkts>] [<eth_load_interval1_tx>] [<eth_outrate1_bits>] [<eth_outrate1_pkts>] [
<eth_inrate1_summary_bits>] [<eth_inrate1_summary_pkts>] [<eth_outrate1_summary_bits>] [
<eth_outrate1_summary_pkts>] [<eth_load_interval2_rx>] [<eth_inrate2_bits>] [<eth_inrate2_pkts>
] [<eth_load_interval2_tx>] [<eth_outrate2_bits>] [<eth_outrate2_pkts>] [
<eth_inrate2_summary_bits>] [<eth_inrate2_summary_pkts>] [<eth_outrate2_summary_bits>] [
<eth_outrate2_summary_pkts>] [<eth_load_interval3_rx>] [<eth_inrate3_bits>] [<eth_inrate3_pkts>
] [<eth_load_interval3_tx>] [<eth_outrate3_bits>] [<eth_outrate3_pkts>] [
<eth_inrate3_summary_bits>] [<eth_inrate3_summary_pkts>] [<eth_outrate3_summary_bits>] [
<eth_outrate3_summary_pkts>]] [[<eth_l2_ucastpkts>] [<eth_l2_ucastbytes>] [<eth_l2_mcastpkts>
] [<eth_l2_mcastbytes>] [<eth_l2_bcastpkts>] [<eth_l2_bcastbytes>] [<eth_l3in_routed_pkts>] [
<eth_l3in_routed_bytes>] [<eth_l3out_routed_pkts>] [<eth_l3out_routed_bytes>] [
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] [<eth_l3avg1_inbytes>] [<eth_l3avg1_inpkts>] [<eth_l3avg1_outbytes>] [<eth_l3avg1_outpkts>
]] [[<eth_inucast>] [<eth_inmcast>] [<eth_inbcast>] [<eth_inpkts>] [<eth_inbytes>] [
<eth_jumbo_inpkts>] [<eth_storm_supp>] [<eth_runts>] [<eth_giants>] [<eth_crc>] [<eth_nobuf>
] [<eth_inerr>] [<eth_frame>] [<eth_overrun>] [<eth_underrun>] [<eth_ignored>] [<eth_watchdog>
] [<eth_bad_eth>] [<eth_bad_proto>] [<eth_in_ifdown_drops>] [<eth_dribble>] [<eth_indiscard>
] [<eth_inpause>]] [[<eth_outucast>] [<eth_outmcast>] [<eth_outbcast>] [<eth_outpkts>] [
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<eth_latecoll>] [<eth_lostcarrier>] [<eth_nocarrier>] [<eth_babbles>] [<eth_outdiscard>] [
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] [<mgmt_mtu>] [<mgmt_speed>] [<mgmt_duplex>]] [[<vdc_lvl_in_avg_bits>] [<vdc_lvl_in_avg_pkts>] [<vdc_lvl_out_avg_bits>] [<vdc_lvl_out_avg_pkts>] [<vdc_lvl_in_pkts>] [<vdc_lvl_in_ucast>] [<vdc_lvl_in_mcast>] [<vdc_lvl_in_bcast>] [<vdc_lvl_in_bytes>] [<vdc_lvl_in_bps>] [<vdc_lvl_in_pps>] [<vdc_lvl_out_pkts>] [<vdc_lvl_out_ucast>] [<vdc_lvl_out_mcast>] [<vdc_lvl_out_bcast>] [<vdc_lvl_out_bytes>] [<vdc_lvl_out_bps>] [<vdc_lvl_out_pps>]] [[<mgmt_in_pkts>] [<mgmt_in_bytes>] [<mgmt_in_mcast>] [<mgmt_in_compressed>] [<mgmt_in_errors>] [<mgmt_in_frame>] [<mgmt_in_overrun>] [<mgmt_in_fifo>] [<mgmt_out_pkts>] [<mgmt_out_bytes>] [<mgmt_out_underruns>] [<mgmt_out_errors>] [<mgmt_out_collisions>] [<mgmt_out_fifo>] [<mgmt_out_carrier>] [<mgmt_align_err>] [<mgmt_fcs_err>] [<mgmt_xmit_err>] [<mgmt_rcv_err>] [<mgmt_undersize>] [<mgmt_outdisc>] [<mgmt_single_col>] [<mgmt_multi_col>] [<mgmt_late_col>] [<mgmt_excess_col>] [<mgmt_carri_sen>] [<mgmt_runts>] [<mgmt_giants>] [<mgmt_sqetest_err>] [<mgmt_deferred_tx>] [<mgmt_inmactx_err>] [<mgmt_inmacrx_err>] [<mgmt_symbol_err>]] [[<loop_in_pkts>] [<loop_in_bytes>] [<loop_in_mcast>] [<loop_in_compressed>] [<loop_in_errors>] [<loop_in_frame>] [<loop_in_overrun>] [<loop_in_fifo>] [<loop_out_pkts>] [<loop_out_bytes>] [<loop_out_underruns>] [<loop_out_errors>] [<loop_out_collisions>] [<loop_out_fifo>] [<loop_out_carriers>]] [[<svi_if_index>] [<svi_admin_state>] [<oper_state>] [<svi_rsn_desc>] [<svi_line_proto>] [<svi_hw>] [<svi_mac>] [<svi_desc>] [<svi_ip_addr>] [<svi_ip_mask>] [<svi_mtu>] [<svi_bw>] [<svi_delay>] [<vlan_id>] [<type>]] [[<svi_tx_load>] [<svi_rx_load>]] [[<svi_carrier_delay_sec>] [<svi_carrier_delay_msec>] [<svi_arp_type>] [<svi_arp_timeout>]] [[<svi_time_last_cleared>]] [{ [TABLE_sec_vlan] [<sec_vlan>] [<sec_vlan_type>] }] [[<svi_routed_pkts_in>] [<svi_routed_bytes_in>] [<svi_routed_pkts_out>] [<svi_routed_bytes_out>] [<svi_ucast_pkts_in>] [<svi_ucast_bytes_in>] [<svi_mcast_pkts_in>] [<svi_mcast_bytes_in>] [<svi_ucast_pkts_out>] [<svi_ucast_bytes_out>] [<svi_mcast_pkts_out>] [<svi_mcast_bytes_out>] [<svi_ipv4_ucast_pkts_in>] [<svi_ipv4_ucast_bytes_in>] [<svi_ipv4_ucast_pkts_out>] [<svi_ipv4_ucast_bytes_out>] [<svi_ipv4_mcast_pkts_in>] [<svi_ipv4_mcast_bytes_in>] [<svi_ipv4_mcast_pkts_out>] [<svi_ipv4_mcast_bytes_out>] [<svi_ipv6_ucast_pkts_in>] [<svi_ipv6_ucast_bytes_in>] [<svi_ipv6_ucast_pkts_out>] [<svi_ipv6_ucast_bytes_out>] [<svi_ipv6_mcast_pkts_in>] [<svi_ipv6_mcast_bytes_in>] [<svi_ipv6_mcast_pkts_out>] [<svi_ipv6_mcast_bytes_out>] [<svi_average_input_bits>] [<svi_average_input_packets>] [<svi_average_output_bits>] [<svi_average_output_packets>] [<svi_rate_in_mins>]]] [[<svi_reliability>]] [[<overlay_addr>] [<overlay_addr_mask>] [<overlay_mtu>] [<overlay_bandwidth>] [<overlay_encap_str>] [<overlay_vrf>] [<overlay_src_addr>] [<overlay_dst_addr>] [<overlay_last_link_flap>] [<overlay_clear_counters>]] [[<overlay_load_interval>] [<overlay_rx_ucastpkts>] [<overlay_rx_ucastbytes>] [<overlay_rx_mcastpkts>] [<overlay_rx_mcastbytes>] [<overlay_rx_pkts>] [<overlay_rx_bytes>] [<overlay_rx_bcastpkts>] [<overlay_rx_bcastbytes>] [<overlay_rx_bitrate>] [<overlay_rx_pktrate>] [<overlay_tx_ucastpkts>] [<overlay_tx_ucastbytes>] [<overlay_tx_mcastpkts>] [<overlay_tx_mcastbytes>] [<overlay_tx_bcastpkts>] [<overlay_tx_bcastbytes>] [<overlay_tx_pkts>] [<overlay_tx_bytes>] [<overlay_tx_bitrate>] [<overlay_tx_pktrate>]] [<switchport>] [[<admin-state>] [{ <tunnel-ipv4> | <tunnel-ipv6> }] [<mtu>] [<bandwidth>] [<encap-type>] [<keepalive-period>] [<keepalive-retries>] [{ <src-ipv4> | <src-ipv6> }] [<src-intf>] [{ <dest-ipv4> | <dest-ipv6> }] [<dest-hostname>] [<vrf_name>] [<tunnel_vrf_name>] [<wccp_header>] [<ttl_val>] [<tunnel_pmtud_age_time>] [<tunnel_pmtud_min_mtu>] [<tunnel_pmtud>] [<tunnel_pgm_mtu>] [<tunnel_clear_counter>] [<tunnel_tx_pkt_count>] [<tunnel_tx_byte_count>] [<tunnel_tx_rate>] [<tunnel_rx_pkt_count>] [<tunnel_rx_byte_count>] [<tunnel_rx_rate>]]]

- NEW: show interface [controller | quick] [__readonly__ TABLE_interface <interface> [<state>] [<state_rsn>] [<state_rsn_desc>] [[<vsan_brief>] [<oper_port_state>] [<port_state>] [<bound_interface>] [<port_desc>] [<port_des>] [<mgmt_hw_desc1>] [<mgmt_hw_addr1>] [<port_name>] [<hardware>] [<sfp>] [<port_wwn>] [<peer_port_wwn>] [<admin_mode>] [<admin_trunk_mode>] [<snmp_trap>] [<status>] [<state_rsn1>] [<fcot_info>] [<bind_info>] [

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] [<trunk_vsan_up>] [<trunk_vsan_isolated>] [<trunk_vsan_initializing>] [<in_bps>] [<in_byps>
] [<in_fps>] [<out_bps>] [<out_byps>] [<out_fps>] [<total_in_frames>] [<total_in_bytes>] [
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<out_ols>] [<out_lrr>] [<out_nos>] [<out_loop_inits>] [<rx_b2b_perf_buff>] [<rx_b2b_credit>
] [<tx_b2b_credit>] [<tx_b2b_low_pri_cre>] [<fcoe_in_pkts>] [<fcoe_in_octets>] [<fcoe_out_pkts>
] [<fcoe_out_octets>] [TABLE_members [<port_channel_member>]] [<interface_last_changed>]
[<time_last_cleared>]] [[<interface_quick>] [<vsan_brief_quick>] [<oper_port_state_quick>] [
<port_state_quick>] [<bound_interface_quick>] [<port_desc_quick>] [<port_des_quick>] [
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] [<sfp_quick>] [<port_wwn_quick>] [<peer_port_wwn_quick>] [<admin_mode_quick>] [
<admin_trunk_mode_quick>] [<snmp_trap_quick>] [<status_quick>] [<state_rsn1_quick>] [
<fcot_info_quick>] [<bind_info_quick>] [<bind_mac_quick>] [<bind_type_quick>] [
<port_mode_quick>] [<fcid_quick>] [<cfg_port_vsan_quick>] [<vsan_quick>] [
<port_rate_mode_quick>] [<oper_speed_quick>] [<admin_speed_quick>] [<port_channel_quick>
] [<ip_addr1_quick>] [<oper_txbbcredit_quick>] [<oper_rxbbcredit_quick>] [<port_bb_scn_quick>
] [<admin_rxbufsize_quick>] [<admin_port_encap_quick>] [<admin_beacon_mode_quick>] [
<admin_fec_state_quick>] [<oper_fec_state_quick>] [<bundle_if_index_quick>] [
<trkd_if_index_quick>] [<trk_cfg_vsans_quick>] [<trkd_port_state_quick>] [<num_ports_quick>
] [TABLE_trk_intf_quick [<trk_intf_quick>]] [<info_type_num_quick>] [<info_model_num_quick>
] [<info_manufacturer_quick>] [<info_port_id_quick>] [<active_vsan_quick>] [
<trunk_vsan_up_quick>] [<trunk_vsan_isolated_quick>] [<trunk_vsan_initializing_quick>] [
<in_bps_quick>] [<in_byps_quick>] [<in_fps_quick>] [<out_bps_quick>] [<out_byps_quick>] [
<out_fps_quick>] [<total_in_frames_quick>] [<total_in_bytes_quick>] [<total_in_discards_quick>
] [<total_in_errors_quick>] [<invalid_crc_quick>] [<unknown_class_frames_quick>] [
<frames_too_long_quick>] [<frames_too_short_quick>] [<total_out_frames_quick>] [
<total_out_bytes_quick>] [<total_out_discards_quick>] [<total_out_errors_quick>] [<in_ols_quick>
] [<in_lrr_quick>] [<in_nos_quick>] [<in_loop_inits_quick>] [<out_ols_quick>] [<out_lrr_quick>
] [<out_nos_quick>] [<out_loop_inits_quick>] [<rx_b2b_perf_buff_quick>] [<rx_b2b_credit_quick>
] [<tx_b2b_credit_quick>] [<tx_b2b_low_pri_cre_quick>] [<fcoe_in_pkts_quick>] [
<fcoe_in_octets_quick>] [<fcoe_out_pkts_quick>] [<fcoe_out_octets_quick>] [
TABLE_members_quick [<port_channel_member_quick>]] [<interface_last_changed_quick>] [
<time_last_cleared_quick>]] [[<eth_rsn_fac>] [<eth_rsn_code>] [<admin_state>] [<share_state>
] [<parent_interface>] [<vpc_status>] [<eth_bundle>] [<eth_hw_desc>] [<eth_hw_addr>] [
<eth_bia_addr>] [<desc>] [<eth_ip_addr>] [<eth_ip_mask>] [<eth_ip_prefix>] [<eth_mtu>] + [
<eth_bw>] [<eth_bw_str>] [<eth_dly>] [<eth_reliability>] [<eth_txload>] [<eth_rxload>] [
<eth_encap_vlan>] [<encapsulation>] [<medium>] [<eth_mode>] [<eth_duplex>] [<eth_speed>
] [<eth_media>] [<eth_beacon>] [<eth_autoneg>] [<eth_in_flowctrl>] [<eth_out_flowctrl>] [
<eth_mdix>] [<eth_ratemode>] [<eth_swt_monitor>] [<eth_ethertype>] [<eth_eee_state>] [
<eth_admin_fec_state>] [<eth_oper_fec_state>] [<7769c7815

- OLD: show interface brief [controller | cli] [__readonly__ { TABLE_interface [<interface>] [<vlan>
] [<type>] [<portmode>] [<state>] [<state_rsn>] [<state_rsn_desc>] [<desc>] [<vrf>] [
<ipv6_addr>] [<ip_addr>] [<speed>] [{ <tunnel-ipv4> | <tunnel-ipv6> }] [<encap-type>] [<mtu>

] [<ratemode>] [<portchan>] [<proto>] [<interface_vfc>] [<vsan_brief>] [<admin_mode>] [<admin_trunk_mode>] [<status>] [<fcot_info>] [<bind_info>] [<bind_type>] [<bind_mac>] [<port_rate_mode>] [<oper_speed>] [<port_channel>] [<ip_addr1>] [{ TABLE_secondary_vlan <sec_vlan> <sec_vlan_type> }] [<svi_admin_state>] [<svi_rsn_desc>] }]

- NEW: show interface brief [controller | cli] [__readonly__ { TABLE_interface [<interface>] [<vlan>] [<type>] [<portmode>] [<state>] [<state_rsn>] [<state_rsn_desc>] [<desc>] [<vrf>] [<ipv6_addr>] [<ip_addr>] [<speed>] [{ <tunnel-ipv4> | <tunnel-ipv6> }] [<encap-type>] [<mtu>] [<ratemode>] [<portchan>] [<proto>] [<interface_vfc>] [<vsan_brief>] [<admin_mode>] [<admin_trunk_mode>] [<status>] [<fcot_info>] [<bind_info>] [<bind_type>] [<bind_mac>] [<port_rate_mode>] [<oper_speed>] [<port_channel>] [<ip_addr1>] [{ brief_san_pc [<interface_san>] [<vsan_brief>] [<admin_trunk_mode>] [<status>] [<port_rate_mode>] [<oper_speed>] [<ip_addr>] }] [{ TABLE_secondary_vlan <sec_vlan> <sec_vlan_type> }] [<svi_admin_state>] [<svi_rsn_desc>] }]

- OLD: show interface detail-counters [__readonly__ [{ TABLE_counters <sfp> <in_frames> <in_bytes> <class_2_frames> <class_2_in_bytes> <class_2_in_discards> <class_2_in_f_bsy_frames> <class_2_in_f_rgt_frames> <class_2_in_port_reject_frames> <class_3_frames> <class_3_bytes_recv> <class_f_frames> <class_f_bytes_recv> <class_f_in_discards> <class_f_errors_recvd> <class_f_out_discards> <class_f_errors_trans> <out_frames> <out_bytes> <class_2_out_frames> <class_2_bytes_trans> <class_3_out_frames> <class_3_bytes_trans> <class_3_out_discards> <class_f_out_frames> <class_f_bytes_trans> <class_f_discards> <muticast_rcvd> <multicast_trans> <broadcast_rcvd> <broadcast_trans> <unicast_rcvd> <unicast_trans> <timeout_discards> <credit_loss> <link_faliures> <sync_loss> <signal_loss> <prm_seq_pro_err> <inv_trans_err> <inv_crc> <delim_err> <addr_iden_err> <link_reset_rcvd> <link_reset_trans> <off_seq_err_rcvd> <off_seq_err_trans> <frames_rcvd_short> <frames_rcvd_long> <txwait> <frames_rcvd_greater> <frame_rcvd_short_header> <link_reset_resp_rcvd> <link_reset_resp_trans> <non_oper_seq_rcvd> <non_oper_seq_trans> <frag_frames_rcvd> <frames_eof_abort> <unknown_class_frames_rcvd> <8b10b_disparity_err> <frames_discard> <ex_link_param_sw_fab> [<in_link_ser_req_faliures>] <b2b_credits_transmit> <b2b_credits_receive> <eisl_frames> <framing_err> <f8_lip_seq_err_rcvd> <f8_lip_seq_err_issued> <non_f8_lip_seq_err_rcvd> <non_f8_lip_seq_err_issued> [<fec_corrected>] [<fec_uncorrected>] }] [{ TABLE_interface <interface> [<fcoe_in_pkts>] [<fcoe_in_octets>] [<fcoe_out_pkts>] [<fcoe_out_octets>] }]]

- NEW: show interface detail-counters [__readonly__ [{ TABLE_counters <sfp> <in_frames> <in_bytes> <class_2_frames> <class_2_in_bytes> <class_2_in_discards> <class_2_in_f_bsy_frames> <class_2_in_f_rgt_frames> <class_2_in_port_reject_frames> <class_3_frames> <class_3_bytes_recv> <class_f_frames> <class_f_bytes_recv> <class_f_in_discards> <class_f_errors_recvd> <class_f_out_discards> <class_f_errors_trans> <out_frames> <out_bytes> <class_2_out_frames> <class_2_bytes_trans> <class_3_out_frames> <class_3_bytes_trans> <class_3_out_discards> <class_f_out_frames> <class_f_bytes_trans> <class_f_discards> <muticast_rcvd> <multicast_trans> <broadcast_rcvd> <broadcast_trans> <unicast_rcvd> <unicast_trans> <timeout_discards> <credit_loss> <link_faliures> <sync_loss> <signal_loss> <prm_seq_pro_err> <inv_trans_err> <inv_crc> <delim_err> <addr_iden_err> <link_reset_rcvd> <link_reset_trans> <off_seq_err_rcvd> <off_seq_err_trans> <frames_rcvd_short> <frames_rcvd_long> [<txwait>] <frames_rcvd_greater> <frame_rcvd_short_header> <link_reset_resp_rcvd> <link_reset_resp_trans> <non_oper_seq_rcvd> <non_oper_seq_trans> <frag_frames_rcvd> <frames_eof_abort> <unknown_class_frames_rcvd> <8b10b_disparity_err> <frames_discard> <ex_link_param_sw_fab> [<in_link_ser_req_faliures>] <b2b_credits_transmit> [<b2b_credits_receive>] <eisl_frames> <framing_err> <f8_lip_seq_err_rcvd> <f8_lip_seq_err_issued> <non_f8_lip_seq_err_rcvd> <non_f8_lip_seq_err_issued> [<fec_corrected>] [<fec_uncorrected>] }] [{ TABLE_interface <interface> [<fcoe_in_pkts>] [<fcoe_in_octets>] [<fcoe_out_pkts>] [<fcoe_out_octets>] }]]

- OLD: show interface status [down | inactive | module <module> | up | auto-column] [__readonly__ TABLE_interface <interface> [<name>] [<state>] [<state_san>] [<state_rsn>] [<vlan>] [<duplex>] [<speed>] [<type>] [<admin_mode>] [<vsan>] [<bind_info>] [<bind_type>] [<bind_mac>] [<oper_speed>]]

- NEW: show interface status [down | inactive | module <module> | up | auto-column] [__readonly__ TABLE_interface <interface> [<name>] [<state>] [<state_san>] [<state_reason>] [<vlan>] [<duplex>] [<speed>] [<type>] [<admin_mode>] [<vsan>] [<bind_info>] [<bind_type>] [<bind_mac>] [<oper_speed>]]

- OLD: show ip arp [[[<ip-address> | [sync-entries | fhrp-non-active-learn] [detail] | static | summary | [summary] <interface>]] [vrf { <vrf-name> | <vrf-known-name> | all }]] [__readonly__ TABLE_vrf <vrf-name-out> [<cnt-resolved>] [<cnt-incomplete>] [<cnt-thrtld-incomplete>] [<cnt-unknown>] [<cnt-total>] [TABLE_adj <intf-out> <ip-addr-out> [<time-stamp>] { <mac> | <unknown> | <incomplete> } [<phy-intf>] [<flags>]]]

- NEW: show ip arp [[[<ip-address> | [sync-entries | fhrp-non-active-learn] [detail] | static | summary | [summary] <interface>]] [vrf { <vrf-name> | <vrf-known-name> | all }]] [__readonly__ TABLE_vrf <vrf-name-out> [<cnt-resolved>] [<cnt-incomplete>] [<cnt-thrtld-incomplete>] [<cnt-unknown>] [<cnt-total>] [TABLE_adj <intf-out> <ip-addr-out> [<time-stamp>] { <mac> | <unknown> | <incomplete> } [<phy-intf>] [<flags>] [<adj-vrf-name>]]]

- OLD: show ip arp cache { { brief | detail } | { interface [<intf>] } } [operational]

- NEW: show ip arp cache { { brief | detail } | { interface [<intf>] } | { egress-vni } } [operational]

- OLD: show ip arp inspection [__readonly__ <src_mac_valid> <dest_mac_valid> <ip_addr_valid> TABLE_entry <active_vlan_id> <is_insp_enabled> <oper_state> [<acl_name>] [[<acl_logging>] <dhcp_logging>] [<req_fwded> <res_fwded> <req_dropped> <res_dropped> <dhcp_drops> <acl_drops> <dhcp_permits> <acl_permits> <req_smac_fails> <res_smac_fails> <res_dmac_fails> <req_ip_fails> <res_ip_fails>]]

- NEW: show ip arp inspection [__readonly__ <src_mac_valid> <dest_mac_valid> <ip_addr_valid> TABLE_entry <active_vlan_id> <is_insp_enabled> <oper_state> [<acl_name>] [[<acl_logging>] <dhcp_logging>] [<req_fwded> <res_fwded> <req_dropped> <res_dropped> <dhcp_drops> [<acl_drops>] <dhcp_permits> [<acl_permits>] <req_smac_fails> <res_smac_fails> <res_dmac_fails> <req_ip_fails> <res_ip_fails>]]

- OLD: show ip dhcp option82 suboption info interface [<intf>] [__readonly__ <intf_header> { TABLE_intf_option82 <intf_name> <option82_status> <suboption_string> <tx_count> }]

- NEW: show ip dhcp option82 suboption info interface [<intf>] [__readonly__ <intf_header> { TABLE_intf_option82 <intf_name> <option82_status> [<suboption_string>] [<tx_count>] }]

- OLD: show ip dhcp relay [__readonly__ <relay_service_enable> <relay_opt82_enable> <relay_opt82_customize> <relay_subopt_VPN_enable> <relay_subopt_type_cisco_enable> <global_smart-relay_enable> <global_relay_trusted_enable> <relay_trusted_port_enable> <global_src_addr_hsrp_enable> <smart_relay_intfs_hdr> [TABLE_intf <smart_relay_enabled_intfs>] <subnet_bcast_intfs_hdr> [TABLE_intf <subnet_bcast_enabled_intfs>] <trusted_port_intfs_hdr> [TABLE_intf <trusted_port_enabled_intfs>] <relay_src_addr_hsrp_hdr> [TABLE_intf <src_addr_hsrp_enabled_intfs>] <relay_address_hdr> [TABLE_intf <intf> <relay_address> <vrf_name>]]

- NEW: show ip dhcp relay [__readonly__ <relay_service_enable> <relay_opt82_enable> <relay_opt82_customize> <relay_subopt_VPN_enable> <relay_subopt_type_cisco_enable> <global_smart-relay_enable> <global_relay_trusted_enable> <relay_trusted_port_enable> <global_src_addr_hsrp_enable> <smart_relay_intfs_hdr> <server_id_override> [TABLE_intf <smart_relay_enabled_intfs>] <subnet_bcast_intfs_hdr> [TABLE_intf <subnet_bcast_enabled_intfs>] <trusted_port_intfs_hdr> [TABLE_intf <trusted_port_enabled_intfs>] <relay_src_addr_hsrp_hdr> [TABLE_intf <src_addr_hsrp_enabled_intfs>] <relay_address_hdr> [TABLE_intf <intf> <relay_address> <vrf_name>]]

- OLD: show ip dhcp relay statistics [interface <intf> | { interface <intf> serverip <ip-addr-val> [use-vrf <vrf-name>] }] [__readonly__ [<msg_stats_hdr> <msg_type_str> <tx_pkts> <rx_pkts> <drops> <msg_type_str_offer> <offer_rx_pkts> <offer_tx_pkts> <offer_drops> <msg_type_str_request> <request_rx_pkts> <request_tx_pkts> <request_drops> <msg_type_str_ack> <ack_rx_pkts> <ack_tx_pkts> <ack_drops> <msg_type_str_release> <release_rx_pkts> <release_tx_pkts> <release_drops> <msg_type_str_decline> <decline_rx_pkts> <decline_tx_pkts> <decline_drops> <msg_type_str_inform> <inform_rx_pkts> <inform_tx_pkts> <inform_drops> <msg_type_str_nack> <nack_rx_pkts> <nack_tx_pkts> <nack_drops> <line> <msg_type_str_total> <total_rx_pkts> <total_tx_pkts> <total_drops> <line_x>] [<server_consolidated_hdr> [TABLE_server_info <server_helper_addr> <server_vrf> <server_total_request> <server_total_response>] <line_y>] [<l3_fwd_hdr> <l3_fwd_rx_pkts> <l3_fwd_tx_pkts> <l3_fwd_drops> <non_dhcp_hdr> <non_dhcp_rx_pkts> <non_dhcp_tx_pkts> <non_dhcp_drops> <drop_hdr> <drop_validation_fail> <drop_relay_disable> <drop_invalid_msg_type> <drop_intf_err> <drop_tx_sock_err> <drop_tx_fail_client_intf> <drop_unknown_op_intf> <drop_l3_unknown_op_intf> <drop_max_hops> <drop_opt82_insert_fail> <drop_malformed> <drop_mct_drop> <drop_untrusted_relay_intf>] [<server_discover> <server_request> <server_decline> <server_release> <server_inform> <server_ack> <server_nack> <server_offer> <server_resp_hdr> <drop_unknown> <server_req_hdr>] <footer>]

- NEW: show ip dhcp relay statistics [interface <intf> | { interface <intf> serverip <ip-addr-val> [use-vrf <vrf-name>] }] [__readonly__ [<msg_stats_hdr> <msg_type_str> <rx_pkts> <tx_pkts> <drops> <msg_type_str_offer> <offer_rx_pkts> <offer_tx_pkts> <offer_drops> <msg_type_str_request> <request_rx_pkts> <request_tx_pkts> <request_drops> <msg_type_str_ack> <ack_rx_pkts> <ack_tx_pkts> <ack_drops> <msg_type_str_release> <release_rx_pkts> <release_tx_pkts> <release_drops> <msg_type_str_decline> <decline_rx_pkts> <decline_tx_pkts> <decline_drops> <msg_type_str_inform> <inform_rx_pkts> <inform_tx_pkts> <inform_drops> <msg_type_str_nack> <nack_rx_pkts> <nack_tx_pkts> <nack_drops> <line> <msg_type_str_total> <total_rx_pkts> <total_tx_pkts> <total_drops> <line_x>] [<server_consolidated_hdr> [TABLE_server_info <server_helper_addr> <server_vrf> <server_total_request> <server_total_response>] <line_y>] [<l3_fwd_hdr> <l3_fwd_rx_pkts> <l3_fwd_tx_pkts> <l3_fwd_drops> <non_dhcp_hdr> <non_dhcp_rx_pkts> <non_dhcp_tx_pkts> <non_dhcp_drops> <drop_hdr> <drop_validation_fail> <drop_relay_disable> <drop_invalid_msg_type> <drop_intf_err> <drop_tx_sock_err> <drop_tx_fail_client_intf> <drop_unknown_op_intf> <drop_l3_unknown_op_intf> <drop_max_hops> <drop_opt82_insert_fail> <drop_malformed> <drop_mct_drop> <drop_untrusted_relay_intf>] [<server_discover> <server_request> <server_decline> <server_release> <server_inform> <server_ack> <server_nack> <server_offer> <server_resp_hdr> <drop_unknown> <server_req_hdr>] <footer>]

- OLD: show ip dhcp snooping [__readonly__ <snoop_service_enable> <snoop_gbl_enable> <snoop_vlan_enable> <snoop_oper_vlan_enable> <snoop_opt82_enable> <snoop_hwaddr_verify_enable> <snoop_hdr> [{ TABLE_intf_entry <intf_entry_if_index> <intf_entry_trust_dhcp> <intf_entry_pkt_limit> }]]

- NEW: show ip dhcp snooping [__readonly__ [<snoop_service_enable>] <snoop_gbl_enable> [<snoop_vlan_enable>] [<snoop_oper_vlan_enable>] <snoop_opt82_enable>

<snoop_hwaddr_verify_enable> <snoop_hdr> [{ TABLE_intf_entry <intf_entry_if_index> <intf_entry_trust_dhcp> <intf_entry_pkt_limit> }]]

- OLD: show ip igmp interface [<interface>] [brief] [detail] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_vrf <vrf> [<entry-count>] [[TABLE_brief [<if-name>] [<addr>] [<querier>] [<mc>] [<ver>]] [TABLE_if <if-name> [<if-status>] [<ip-sum>] [<addr>] [<querier>] [<q-ver>] [<next-query>] [<expires>] [<mc>] [<ver>] [<host-ver>] [<qi>] [<cqi>] [<mrt>] [<cmrt>] [<sqi>] [<csqi>] [<sqc>] [<lmmrt>] [<lmqc>] [<gt>] [<cgt>] [<qt>] [<cqt>] [<uri>] [<rv>] [<crv>] [<rll>] [<rc>] [<il>] [<join-group-map>] [<static-group-map>] [<host-proxy>] [<host-proxy-group-map>] [<un-solicited>] [<unsoint>] [<v1rr>] [<v2qs>] [<v2qr>] [<v2rs>] [<v2rr>] [<v2ls>] [<v2lr>] [<v3qs>] [<v3qr>] [<v3rs>] [<v3rr>] [<v2gqdest>] [<v3gqdest>] [<cse>] [<ple>] [<lsip>] [<scf>] [<qnq>] [<rvm>] [<qvm>] [<uit>] [<v1gdam>] [<v2gdam>] [<v3dai>] [<ra>]]]]

- NEW: show ip igmp interface [<interface>] [brief] [detail] [vrf { <vrf-name> | <vrf-known-name> | all }] [serialize] [__readonly__ TABLE_vrf <vrf> [<entry-count>] [[TABLE_brief [<if-name>] [<addr>] [<querier>] [<mc>] [<ver>]] [TABLE_if <if-name> [<if-status>] [<ip-sum>] [<addr>] [<querier>] [<q-ver>] [<next-query>] [<expires>] [<mc>] [<ver>] [<host-ver>] [<qi>] [<cqi>] [<mrt>] [<cmrt>] [<sqi>] [<csqi>] [<sqc>] [<lmmrt>] [<lmqc>] [<gt>] [<cgt>] [<qt>] [<cqt>] [<uri>] [<rv>] [<crv>] [<rll>] [<rc>] [<il>] [<join-group-map>] [<static-group-map>] [<host-proxy>] [<host-proxy-group-map>] [<un-solicited>] [<unsoint>] [<v1rr>] [<v2qs>] [<v2qr>] [<v2rs>] [<v2rr>] [<v2ls>] [<v2lr>] [<v3qs>] [<v3qr>] [<v3rs>] [<v3rr>] [<v2gqdest>] [<v3gqdest>] [<cse>] [<ple>] [<lsip>] [<scf>] [<qnq>] [<rvm>] [<qvm>] [<uit>] [<v1gdam>] [<v2gdam>] [<v3dai>] [<ra>]]]]

- 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> [<srsf>] [<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] [serialize] [__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> [<srsf>] [<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 [{ vlan <vlan> | bridge-domain <bdid> }] [__readonly__ [<vdc>] [<enabled>] [<omf>] [<grepsup>] [<gv3repsup>] [<glinklocalgrpsup>] { TABLE_vlan <vlan-id> [<description>] [<snoop-on>] [<qa>] [<qv>] [<qi>] [<qlmqi>] [<rv>] [<sq>] [<sqr>] [<eht>

] [<fl>] [<repsup>] [<v3repsup>] [<vlinklocalgrpsup>] [<rpc>] [<gc>] [TABLE_active_ports [<actvports>]] [<lkupmode>] [<omf_enabled>] [<reportfloodenable>] [<reportfloodall>] [TABLE_intf <if-name>] [<leavegroupaddress>] }]

- NEW: show ip igmp snooping [{ vlan <vlan> | bridge-domain <bdid> }] [serialize] [__readonly__ [<vdc>] [<enabled>] [<omf>] [<grepsup>] [<gv3repsup>] [<glinklocalgrpsup>] { TABLE_vlan <vlan-id> [<description>] [<snoop-on>] [<qa>] [<qv>] [<qi>] [<qlmqi>] [<rv>] [<sq>] [<sqr>] [<eht>] [<fl>] [<repsup>] [<v3repsup>] [<vlinklocalgrpsup>] [<rpc>] [<gc>] [TABLE_active_ports [<actvports>]] [<lkupmode>] [<omf_enabled>] [<reportfloodenable>] [<reportfloodall>] [TABLE_intf <if-name>] [<leavegroupaddress>] }]

- OLD: show ip igmp snooping explicit-tracking [vlan <vlan> | bridge-domain <bdid>] [detail] [__readonly__ [TABLE_vlan [<vlan-id>] [TABLE_gaddr [<grp-addr>] [TABLE_if [<if-name>] [TABLE_haddr [<host-addr>] [TABLE_srcaddr [<src-addr>] [<uptime>] [<last-join>] [<expires>] [<cfs-flag>] [<native-flag>] [<delete-pending>] [<cfs-update-pending>]]]]]]]

- NEW: show ip igmp snooping explicit-tracking [vlan <vlan> | bridge-domain <bdid>] [detail] [__readonly__ [TABLE_vlan [<vlan-id>] [TABLE_gaddr [<grp-addr>] [TABLE_if [<if-name>] [TABLE_haddr [<host-addr>] [TABLE_srcaddr [<src-addr>] [<uptime>] [<last-join>] [<expires>] [<version>] [<num_of_reports>] [<cfs-flag>] [<native-flag>] [<delete-pending>] [<cfs-update-pending>]]]]]]]

- OLD: show ip igmp snooping mrouter [otv] [vlan <vlan> | bridge-domain <bdid>] [detail] [__readonly__ TABLE_vlan <vlan-id> TABLE_intf <if-name> <static> <dynamic> <vpc> <fabricpath-core-port> <co-learned> <user-configured> <learnt-by-peer> <uptime> <expires> <internal>]

- NEW: show ip igmp snooping mrouter [otv] [vlan <vlan> | bridge-domain <bdid>] [detail] [serialize] [__readonly__ TABLE_vlan <vlan-id> TABLE_intf <if-name> <static> <dynamic> <vpc> <fabricpath-core-port> <co-learned> <user-configured> <learnt-by-peer> <uptime> <expires> <internal>]

- OLD: show ip igmp snooping statistics [global | vlan <vlan> | bridge-domain <bdid>] [__readonly__ [<pr>] [<inv_pkt>] [<pnv>] [<loopbkpkt>] [<mrdloopbk>] [<pf>] [<vpcdrqs>] [<vpcdrqr>] [<vpcdrqf>] [<vpcdrus>] [<vpcdrur>] [<vpcdruf>] [<vpccfssf>] [<vpccfsrs>] [<vpccfsrr>] [<vpccfsrf>] [<vpccfsrfp>] [<vpccfsurls>] [<vpccfsurlr>] [<vpccfsurlf>] [<vpccfsrls>] [<vpccfsrlr>] [<vpccfsrlf>] [<inv_iod>] [<stptcnr>] [<imapif>] [<mfreqr>] [<mfcmps>] [<mfdgcmps>] [<bufsnt>] [<bufackr>] [<vpcmismatch>] [{ TABLE_vlan [<vlan-id>] [<ut>] [<vpr>] [<v1rr>] [<v2rr>] [<v3rr>] [<v1qr>] [<v2qr>] [<v3qr>] [<v2lr>] [<phr>] [<irr>] [<iqr>] [<v1rs>] [<v2rs>] [<v2ls>] [<v3gs>] [<vmr>] [<upr>] [<qo>] [<v2ro>] [<v2lo>] [<v3ro>] [<vpsr>] [<str>] [<mps>] [<mpr>] [<mpe>] [<cps>] [<cpr>] [<cpe>] [<repflooded>] [<repfwded>] }]]

- NEW: show ip igmp snooping statistics [global | vlan <vlan> | bridge-domain <bdid>] [serialize] [__readonly__ [<pr>] [<inv_pkt>] [<inv_pkt_bd>] [<inv_pkt_no_fd_vxlan>] [<pnv>] [<loopbkpkt>] [<mrdloopbk>] [<pf>] [<vpcdrqs>] [<vpcdrqr>] [<vpcdrqf>] [<vpcdrus>] [<vpcdrur>] [<vpcdruf>] [<vpccfssf>] [<vpccfsrs>] [<vpccfsrr>] [<vpccfsrf>] [<vpccfsrfp>] [<vpccfsurls>] [<vpccfsurlr>] [<vpccfsurlf>] [<vpccfsrls>] [<vpccfsrlr>] [<vpccfsrlf>] [<stptcnr>] [<imapif>] [<mfreqr>] [<mfcmps>] [<inv_iod>] [<mfdgcmps>] [<bufsnt>] [<bufackr>] [<vpcmismatch>] [{ TABLE_vlan [<vlan-id>] [<ut>] [<vpr>] [<v1rr>] [<v2rr>] [<v3rr>] [<v1qr>] [<v2qr>] [<v3qr>] [<v2lr>] [<phr>] [<irr>] [<iqr>] [<v1rs>] [<v2rs>] [<v2ls>] [<v2lsv1>] [<v3gs>] [<qo>] [<v2ro>] [<v2lo>] [<v3ro>] [<vpsr>] [<str>] [<vmr>] [<upr>] [<cps>] [<cpr>] [

<cpe>] [<mps>] [<mpr>] [<mpe>] [<repflooded>] [<repfwded>] [<agd>] [<egd>] [<lvd>] [<qd>] [<pmd>] }]]

- OLD: show ip igmp snooping { report-policy | access-group } statistics [vlan <vlan>] [__readonly__ [TABLE_vlanid { <vlan-id> <rpm-type> <policy-name> }]]

- NEW: show ip igmp snooping { report-policy | access-group } statistics [vlan <vlan>] [__readonly__ [TABLE_vlanid { <vlan-id> <rpm-type> <policy-name> }] [TABLE_filtervlanid { <filter-vlan-id> <filter-policy-name> }]]

- OLD: show ip igmp { groups | route } [<source> [<group>] | <group> [<source>]] [<interface>] [summary] [vrf { <vrf-name> | <vrf-known-name> | all }] [summary-old] [__readonly__ [TABLE_vrf [<if-name>] [<vrfname>] [<entry-count>] [<group-addr>] [<sourceaddress>] [TABLE_group [<group-addr>] [<group-type>] [<if-name>] [<uptime>] [<expires>] [<reporter>] [TABLE_source [<source-addr>] [<group-type>] [<translate>] [<if-name>] [<uptime>] [<expires>] [<reporter>]]] [<vrf-cntxt>] [<g-count>] [<sg-count>]]]

- NEW: show ip igmp { groups | route } [<source> [<group>] | <group> [<source>]] [<interface>] [summary] [vrf { <vrf-name> | <vrf-known-name> | all }] [summary-old] [serialize] [__readonly__ [TABLE_vrf [<if-name>] [<vrfname>] [<entry-count>] [<group-addr>] [<sourceaddress>] [TABLE_group [<group-addr>] [<group-type>] [<if-name>] [<uptime>] [<expires>] [<reporter>]] [TABLE_source [<source-addr>] [<group-type>] [<translate>] [<if-name>] [<uptime>] [<expires>] [<reporter>]]] [<vrf-cntxt>] [<g-count>] [<sg-count>]]]

- 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>] [<src-dst-ip-gtpu>] [<src-dst-ip-ipv6-flowlabel>] [<src-dst-ip-ttl>] [{ <src-dst-ip-udf> [<offset>] }] }]

- 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-gtpu>] [<src-dst-ip-ipv6-flowlabel>] [<src-dst-ip-ttl>] [{ <src-dst-ip-udf> [<offset>] }] [<src-dst-ip-inner-all-infra>] [<src-dst-ip-inner-all>] }]

- OLD: show ip mroute [[[bitfield] [detail]] | sr | rp | [summary [count | software-forwarded | rpf-failed]] | { [[<source> <group>] | [<group> [<source>]] | [<gprefix> exact]] [shared-tree | source-tree | mofrr] [[flags] | [detail] | [bitfield] | [summary [software-forwarded | rpf-failed]]] }] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_vrf <vrf-name> [<expry_timer>] [<route_count>] [<star_g_cnt>] [<sg_cnt>] [<star_g_prfx_cnt>] [TABLE_route_summary [<total-num-routes>] [<star-g-route>] [<sg-route>] [<star-g-prfx>] [<group-count>] [<avg>] [<rem>] [<stats-pndg>]] [TABLE_summary_source [<group_addr>] [<group_mask_len>] [<source_count>] [TABLE_one_sg [<source_addr>] [<packets>] [<bytes>] [<aps>] [<pps>] [<rate_buf>] [<oifs>] [<software_fwd>] [<rpf-failed-pkts>] [<rpf-failed-bytes>]]] [TABLE_one_route <mcast-addrs> [<source_addrs> <group_addrs>] [<pending>] [<bidir>] [<uptime>] [<mofrr>] [TABLE_mpib [<mpib-name>] [<oif-count>] [<stale-route>]] [<mdt-encap>] [<mdt-decap>] [<mdt-last-hop>] [<mdt-encap-index>] [<stats-pkts>] [<stats-bytes>] [<stats-rate-buf>] [<lisp-src-rloc>] [<translated-route-src>] [<translated-route-grp>] [<route-iif>] [<rpf-nbr>] [<mofrr-iif>] [<mofrr-nbr>] [<internal>] [<oif-count>] [<fabric-oif>] [<fabric-loser>] [<num-vpc-svi-oifs>] [TABLE_oif [<oif-name>] [<oif-uptime>] [TABLE_oif_mpib [<oif-mpib-name>] [<stale-oif>] [<omd-vpc-svi>] [<core-interest>] [<fabric-interest>]] [<rpf>]] [<route-mdt-iod>] [<oif-list-bitfield>] [TABLE_extranet [<extranet_vrf_name>] [<extranet_addr>] [<extranet_oif_count>]]]]

- NEW: show ip mroute [[[bitfield] [detail]] | rp | [summary [count | software-forwarded | rpf-failed]] | { { [sr [<group> [<source>]] [summary] }] } | [[<source> <group>] | [<group> [<source>]] | [<gprefix> exact]] [shared-tree | source-tree | mofrr] [[flags] | [detail] | [bitfield] | [summary [software-forwarded | rpf-failed]]] }] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_vrf <vrf-name> [<expry_timer>] [<route_count>] [<star_g_cnt>] [<sg_cnt>] [<star_g_prfx_cnt>] [TABLE_route_summary [<total-num-routes>] [<star-g-route>] [<sg-route>] [<star-g-prfx>] [<group-count>] [<avg>] [<rem>] [<stats-pndg>] [<sr-routes>] [<pre-routes>] [<post-routes>] [<ingress-routes>] [<egress-routes>]] [TABLE_summary_source [<group_addr>] [<group_mask_len>] [<source_count>] [TABLE_one_sg [<sgroup_addr>] [<source_addr>] [<packets>] [<bytes>] [<aps>] [<pps>] [<rate_buf>] [<oifs>] [<sr_type>] [<software_fwd>] [<rpf-failed-pkts>] [<rpf-failed-bytes>]]] [TABLE_one_route <mcast-addrs> [<source_addrs> <group_addrs>] [<pending>] [<bidir>] [<uptime>] [<mofrr>] [TABLE_mpib [<mpib-name>] [<oif-count>] [<stale-route>]] [<mdt-encap>] [<mdt-decap>] [<mdt-last-hop>] [<mdt-encap-index>] [<stats-pkts>] [<stats-bytes>] [<stats-rate-buf>] [<lisp-src-rloc>] [<nat-mode>] [<nat-route-type>] [<route-iif>] [<rpf-nbr>] [<mofrr-iif>] [<mofrr-nbr>] [<internal>] [<oif-count>] [<fabric-oif>] [<fabric-loser>] [<num-vpc-svi-oifs>] [TABLE_oif [<oif-name>] [<oif-uptime>] [TABLE_oif_mpib [<oif-mpib-name>] [<stale-oif>] [<omd-vpc-svi>] [<core-interest>] [<fabric-interest>]] [<rpf>]] [<route-mdt-iod>] [<oif-list-bitfield>] [<sr-count>] [TABLE_sr [<translated-route-src>] [<translated-route-grp>] [<udp-src-port>] [<udp-dst-port>] [<sr-oif>]] [TABLE_extranet [<extranet_vrf_name>] [<extranet_addr>] [<extranet_oif_count>]]]]

- OLD: show ip multicast vrf [<vrf-name> | <vrf-known-name> | all] [detail] [__readonly__ <vrf-count> [{ TABLE_vrf <vrf-name> <cid> <tid> <rc> <gc> <sc> <star_gc> <state> [<multipath-configuration>] [<mrib-cc-timer-left>] [<mrib-stats-timer-left>] [<mrib-mfdm-timer-left>] [<mrib-lisp-timer-left>] [<resilient>] [TABLE_RPF_SELECT <rpf-ip> <rpf-ip-mask> <rpf-vrf>] }]]

- NEW: show ip multicast vrf [<vrf-name> | <vrf-known-name> | all] [detail] [__readonly__ <vrf-count> [{ TABLE_vrf <vrf-name> <cid> <tid> <rc> <gc> <sc> <star_gc> <state> [<multipath-configuration>] [<mrib-cc-timer-left>] [<mrib-stats-timer-left>] [<mrib-mfdm-timer-left>] [<mrib-lisp-timer-left>] [<sr-interface>] [<resilient>] [TABLE_RPF_SELECT <rpf-ip> <rpf-ip-mask> <rpf-vrf>] }]]

- OLD: show ip ospf [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_ctx <ptag> <instance_number> <cname> <rid> [<domain_id_type>] [<domain_id_value>] [<domain_tag>] [<dn_bit_ignore>] <stateful_ha> <gr_ha> [<gr_planned_only>] [<gr_grace_period>] [<gr_state>] [<gr_last_status>] [<gr_helper_mode>] <support_tos0_only> <support_opaque_lsa> [<low_mem_cond>] <is_abr> <is_asbr> [<max_lsa_non_self_number>] [<max_lsa_state>] [<max_lsa_warning_only>] [<max_lsa_current_non_self_lsa_number>] [<max_lsa_threshold_pct>] [<max_lsa_ignore_time>] [<max_lsa_reset_time>] [<max_lsa_ignore_count>] [<max_lsa_current_ignore_count>] [<max_lsa_ignore_time_left>] [<max_lsa_reset_time_left>] [<max_lsa_permanent_ignore>] [{ TABLE_redist <proto> [<max_lsas>] [<warning>] [<threshold>] [<current_count>] }] <admin_dist> <ref_bw> <spf_start_time> <spf_hold_time> <spf_max_time> <lsa_start_time> <lsa_hold_time> <lsa_max_time> <min_lsa_arr_time> <lsa_aging_pace> <spf_max_paths> <max_metric_adver> [[<max_metric_time_left>] [<max_metric_wait_bgp>] [<max_metric_timeout>] [<max_metric_always>] [<max_metric_sum_lsa>] [<max_metric_ext_lsa>]] <asext_lsa_cnt> <asext_lsa_crc> <asopaque_lsa_cnt> <asopaque_lsa_crc> <area_total> <area_normal> <area_stub> <area_nssa> <act_area_total> <act_area_normal> <act_area_stub> <act_area_nssa> [<name_lookup>] <no_discard_rt_ext> <no_discard_rt_int> [<passive_dflt>] [<bfd_enabled>] [<segrt_configured>] [<segrt_enabled>] [{ <srgb_min_label> <srgb_max_label> }] [{ TABLE_area <aname> [<backbone_active>] [<active>] <age> <total_intf> <act_intf> <passive_intf> <loopback_intf> [<gr_nbr_cnt>] <stub> [<stub_def_cost>] <nssa> [<no_redist>] [<nssa_trans>] <no_summary> <auth_type> [{ <area_segrt_configured> | <area_segrt_disabled_by_config> }] [<area_segrt_enabled>

] <spf_runs> <last_spf_run_time> [TABLE_range <addr> <masklen> <state> <nets> <advertise> [<cost>]] [<filter_in>] [<filter_out>] <lsa_cnt> <lsa_crc> }]]

- NEW: show ip ospf [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_ctx <ptag> <instance_number> <cname> <rid> [<domain_id_type>] [<domain_id_value>] [<domain_tag>] [<dn_bit_ignore>] <stateful_ha> <gr_ha> [<gr_planned_only>] [<gr_grace_period>] [<gr_state>] [<gr_last_status>] [<gr_helper_mode>] <support_tos0_only> <support_opaque_lsa> [<low_mem_cond>] <is_abr> <is_asbr> [<max_lsa_non_self_number>] [<max_lsa_state>] [<max_lsa_warning_only>] [<max_lsa_current_non_self_lsa_number>] [<max_lsa_threshold_pct>] [<max_lsa_ignore_time>] [<max_lsa_reset_time>] [<max_lsa_ignore_count>] [<max_lsa_current_ignore_count>] [<max_lsa_ignore_time_left>] [<max_lsa_reset_time_left>] [<max_lsa_permanent_ignore>] [{ TABLE_redist <proto> [<max_lsas>] [<warning>] [<threshold>] [<current_count>] }] <admin_dist> <ref_bw> <spf_start_time> <spf_hold_time> <spf_max_time> <lsa_start_time> <lsa_hold_time> <lsa_max_time> <min_lsa_arr_time> <lsa_aging_pace> <spf_max_paths> <max_metric_adver> [[<max_metric_time_left>] [<max_metric_wait_bgp>] [<max_metric_timeout>] [<max_metric_always>] [<max_metric_sum_lsa>] [<max_metric_ext_lsa>]] <asext_lsa_cnt> <asext_lsa_crc> <asopaque_lsa_cnt> <asopaque_lsa_crc> <area_total> <area_normal> <area_stub> <area_nssa> <act_area_total> <act_area_normal> <act_area_stub> <act_area_nssa> [<name_lookup>] <no_discard_rt_ext> <no_discard_rt_int> [<passive_dflt>] [<bfd_enabled>] [<segrt_configured>] [<segrt_enabled>] [{ <srgb_min_label> <srgb_max_label> }] [<num_new_lsa_tx>] [<num_new_lsa_rx>] [{ TABLE_area <aname> [<backbone_active>] [<active>] <age> <total_intf> <act_intf> <passive_intf> <loopback_intf> [<gr_nbr_cnt>] <stub> [<stub_def_cost>] <nssa> [<no_redist>] [<nssa_trans>] <no_summary> <auth_type> [{ <area_segrt_configured> | <area_segrt_disabled_by_config> }] [<area_segrt_enabled>] <spf_runs> <last_spf_run_time> [TABLE_range <addr> <masklen> <state> <nets> <advertise> [<cost>]] [<filter_in>] [<filter_out>] <lsa_cnt> <lsa_crc> }]]

- OLD: show ip ospf [<tag>] interface [<interface> | vrf { <vrf-name> | <vrf-known-name> | all }] [private] [__readonly__ TABLE_ctx <ptag> <cname> [TABLE_intf <ifname> <admin_status> <proto_status> [<unnumbered>] <addr> [<masklen>] [<parent_intf>] <area> [<if_cfg>] <state_str> <type_str> <cost> [<bfd_enabled>] [<ldp_sync>] [<dc_enabled>] [<sid_index>] [<sid_n_flag_clear>] [<sid_exp_null>] <index> [<passive>] [<mpls>] [<transmit_delay>] [<if_priority>] [<dr_rid>] [<dr_addr>] [<bdr_rid>] [<bdr_addr>] [<nbr_total>] [<nbr_flood>] [<nbr_adjs>] [<gr_nbr>] [<hello_interval>] [<dead_interval>] [<wait_interval>] [<rxmt_interval>] [<hello_timer>] [<wait_timer>] [<lsu_timer>] [<lsack_timer>] [<auth_type>] [<keychain_name>] [<keychain_ready>] [<auth_md5_keyid>] [<auth_keyid>] [<auth_algo>] [<link_lsa_cnt>] [<link_lsa_crc>] [<multi_area_cnt>] [<multi_area_adj>]]]

- NEW: show ip ospf [<tag>] interface [<interface> | vrf { <vrf-name> | <vrf-known-name> | all }] [private] [__readonly__ TABLE_ctx <ptag> <cname> [TABLE_intf <ifname> <admin_status> <proto_status> [<unnumbered>] <addr> [<masklen>] [<parent_intf>] <area> [<if_cfg>] <state_str> <type_str> <cost> [<bfd_enabled>] [<ldp_sync>] [<dc_enabled>] [<sid_index>] [<sid_n_flag_clear>] [<sid_exp_null>] <index> [<passive>] [<mpls>] [<transmit_delay>] [<if_priority>] [<dr_rid>] [<dr_addr>] [<bdr_rid>] [<bdr_addr>] [<nbr_total>] [<nbr_flood>] [<nbr_adjs>] [<gr_nbr>] [<hello_interval>] [<dead_interval>] [<wait_interval>] [<rxmt_interval>] [<hello_timer>] [<wait_timer>] [<lsu_timer>] [<lsack_timer>] [<auth_type>] [<keychain_name>] [<keychain_ready>] [<auth_md5_keyid>] [<auth_keyid>] [<auth_algo>] [<link_lsa_cnt>] [<link_lsa_crc>] [<multi_area_cnt>] [<multi_area_adj>] [<state_chg_cnt>]]]

- 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>] [<ecmp-redirect-sent>] [<ecmp-redirect-recv>]]]]

- NEW: show ip pim interface [<interface>] [brief] [vrf { <vrf-name> | <vrf-known-name> | all }] [internal] [serialize] [__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-recv>] [<is-border-router>]]]]

- OLD: show ip pim mdt [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_vrf <out_context> <mti> <mti_status> <default_mdt_grp> <grp_mode> <asm_shared_tree> <mti_config_mtu> <mti_active_mtu> <cfg_tunnel_src_if> <bgp_update_src_if> <hello_interval> <jp_interval> <data_mdt_join_interval> <data_switchover_interval> <data_holddown_interval> <data_timeout_interval> <mdt_src> <mdt_src_if> <bgp_rd> <bgp_rd_set> <send_join_count> <rcvd_join_count> { TABLE_data_mdt <grange_prefix> <grange_mask_len> <threshold> [<policy_name>] }]

- NEW: show ip pim mdt [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_vrf <out_context> <mti> <mti_status> <default_mdt_grp> <grp_mode> <asm_shared_tree> <mti_config_mtu> <mti_active_mtu> <cfg_tunnel_src_if> <bgp_update_src_if> <hello_interval> <jp_interval> <data_mdt_join_interval> <data_switchover_interval> <data_holddown_interval> <data_timeout_interval> <mdt_src> <mdt_src_if> <bgp_rd> <bgp_rd_set> <send_join_count> <rcvd_join_count> [{ TABLE_data_mdt <grange_prefix> <grange_mask_len> <data_grp_mode> <threshold> [<policy_name>] }]]

- 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>] [<ecmp-redirect-capable>]]]]

- NEW: show ip pim neighbor { [<interface>] | [<ipaddr>] } [vrf { <vrf-name> | <vrf-known-name> | all }] [detail | internal] [serialize] [__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-addrs>] [<rp-addr>] [<rp-local>] [<bidir>] [<sgexpire>] [<sgrexpire>] [<timeleft>] [<rp-bit>] [<register>] [<intf-name>] [<rpf-nbr-1>] [<rpf-nbr-addr>] [<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 }] [serialize] [__readonly__ [TABLE_vrf [<context-name>] [<route-count>] [TABLE_one_route [<mcast-addrs>] [<rp-addr>] [<rp-local>] [<bidir>] [<sgexpire>] [<sgrexpire>] [<timeleft>] [<rp-bit>] [<register>] [<intf-name>] [<rpf-nbr-1>] [<rpf-nbr-addr>] [<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 pim rp [<group>] [vrf { <vrf-name> | <vrf-known-name> | all }] [internal] [__readonly__ [TABLE_vrf <out-context> [<is-bsr-enabled>] [<is-bsr-listen-only>] [<is-bsr-forward-only>] [<bsr-address>] [<is-bsr-local>] [<bs-timer>] [<bsr-uptime>] [<bsr-expires>] [<bsr-priority>] [<bsr-hash-masklen>] [<is-autorp-enabled>] [<is-autorp-listen-only>] [<is-autorp-forward-only>] [<auto-rp-addr>] [<is-autorp-local>] [<autorp-dis-timer>] [<autorp-cand-address>] [<autorp-up-time>] [<autorp-expire-time>] [<rp-cand-policy-name>] [<bsr-policy-name>] [<rp-announce-policy-name>] [<rp-discovery-policy-name>] [TABLE_anycast_rp <anycast-rp-addr> [TABLE_arp_rp <arp-rp-addr> <is-rpaddr-local>]] [TABLE_rp [<rp-addr>] [<is-rp-local>] [<df-ordinal>] [<rp-uptime>] [<rp-priority>] [<is_autorp_source>] [<is_bsr_source>] [<is_static_source>] [<rp-source>] [<static-rp-group-map>] [TABLE_grange [<grange-grp>] [<grange-masklen>] [<grange-is-deny>] [<is-bidir-grp>] [<autorp-expires>] [<bsr-rp-expires>] [<rp-owner-flags>]] [[<bidir-ordinal>] [<df-bits-recovered>] [<rpf-nbr-address>] [<metric>] [<metric-preference>]]]]]

- NEW: show ip pim rp [<group>] [vrf { <vrf-name> | <vrf-known-name> | all }] [internal] [serialize] [__readonly__ [TABLE_vrf <out-context> [<is-bsr-enabled>] [<is-bsr-listen-only>] [<is-bsr-forward-only>] [<bsr-address>] [<is-bsr-local>] [<bsr-is-local>] [<bs-timer>] [<bsr-uptime>] [<bsr-expires>] [<bsr-priority>] [<bsr-hash-masklen>] [<is-autorp-enabled>] [<is-autorp-listen-only>] [<is-autorp-forward-only>] [<auto-rp-addr>] [<is-autorp-local>] [<autorp-dis-timer>] [<autorp-cand-address>] [<autorp-up-time>] [<autorp-expire-time>] [<rp-cand-policy-name>] [<bsr-policy-name>] [<rp-announce-policy-name>] [<rp-discovery-policy-name>] [TABLE_anycast_rp <anycast-rp-addr> [TABLE_arp_rp <arp-rp-addr> <is-rpaddr-local>]] [TABLE_rp [<rp-addr>] [<is-rp-local>] [<df-ordinal>] [<rp-uptime>] [<rp-priority>] [<is_autorp_source>] [<is_bsr_source>] [<is_static_source>] [<rp-source>] [<static-rp-group-map>] [TABLE_grange [<grange-grp>] [<grange-masklen>] [<grange-is-deny>] [<is-bidir-grp>] [<autorp-expires>] [<bsr-rp-expires>] [<rp-owner-flags>]] [[<bidir-ordinal>] [<df-bits-recovered>] [<rpf-nbr-address>] [<metric>] [<metric-preference>]]]]]

- OLD: show ip pim statistics [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_vrf <vrf-name> [<uptime> <reg-sent> <reg-rcvd> <null-reg-sent> <null-reg-rcvd> <reg-stop-sent> <reg-stop-rcvd> <reg-rcvd-not-rp> <reg-rcvd-for-ssm> <reg-rcvd-for-bidir> <bootstrap-sent> <bootstrap-rcvd> <cand-rp-sent> <cand-rp-rcvd> <bs-no-nbr> <bs-border-deny> <bs-len-errors> <bs-rpf-failed> <bs-no-listen> <candrp-border-deny> <candrp-no-listen> <autorp-announce-sent> <autorp-announce-rcvd> <autorp-discovery-sent> <autorp-discovery-rcvd> <autorp-rpf-failed> <autorp-border-deny> <autorp-invalid-type> <autorp-ttl-expired> <autorp-no-listen> <ctrl-no-route> <data-no-route> <no-state> <create-state>]]

- NEW: show ip pim statistics [vrf { <vrf-name> | <vrf-known-name> | all }] [serialize] [__readonly__ TABLE_vrf <vrf-name> [<uptime> <reg-sent> <reg-rcvd> <null-reg-sent> <null-reg-rcvd> <reg-stop-sent> <reg-stop-rcvd> <reg-rcvd-not-rp> <reg-rcvd-for-ssm> <reg-rcvd-for-bidir> <bootstrap-sent> <bootstrap-rcvd> <cand-rp-sent> <cand-rp-rcvd> <bs-no-nbr> <bs-border-deny> <bs-len-errors> <bs-rpf-failed> <bs-no-listen> <candrp-border-deny> <candrp-no-listen> <autorp-announce-sent> <autorp-announce-rcvd> <autorp-discovery-sent> <autorp-discovery-rcvd> <autorp-rpf-failed> <autorp-border-deny> <autorp-invalid-type> <autorp-ttl-expired> <autorp-no-listen> <ctrl-no-route> <data-no-route> <no-state> <create-state>]]

- OLD: show ip pim vrf [{ <vrf-name> | <vrf-known-name> | all }] [detail | internal] [__readonly__ { TABLE_context <out-context> <context-id> <count> <table-id> <bfd> <mvpn> }]

- NEW: show ip pim vrf [{ <vrf-name> | <vrf-known-name> | all }] [detail | internal] [__readonly__ { TABLE_context <out-context> <context-id> <count> <table-id> <bfd> <mvpn> [<strict_rfc_compliant>] }]

- OLD: show ip route [ip | ipv4] [unicast] [topology <topology-name>] [l3vm-info] [rpf] [<ip-addr> | { <ip-prefix> [{ longer-prefixes | shorter-prefixes }] }] [{ <protocol> [all] } | { bind-label <bind-lbl> | next-hop <next-hop> | next-hop-v6 <next-hop-v6> } | { interface <interface> } | { updated { [since <stime>] [until <utime>] } }] + [summary [cached] | detail | summary-counter-consistency-check] [vrf { <vrf-name> | <vrf-known-name> | <vrf-all> }] [__readonly__ TABLE_vrf <vrf-name-out> TABLE_addrf <addrf> [TABLE_prefix <ipprefix> <ucast-nhops> <mcast-nhops> <attached> TABLE_path [<ipnexthop>] [<nexthop-vrf-name>] [<ifname>] [<bindlbl>] <uptime> <pref> <metric> <clientname> [<type>] [<tag>] [<stale>] [<unres>] [<hidden>] [<stale-label>] [<bgpbackuppath>] [<type2>] [<ubest>] [<mbest>] [<remote-sid>] [<src-ip>] [<sid-fct>]] [TABLE_summary <routes> <paths> [<multicast_paths>] [TABLE_unicast [<clientnameuni>] [<best-paths>] [<backup-paths>]] [TABLE_multicast [<clientnamemulti>] [<best-paths>] [<backup-paths>]] [TABLE_route_count [<mask_len>] [<count>]]]]

- NEW: show ip route [ip | ipv4] [unicast] [topology <topology-name>] [l3vm-info] [rpf] [<ip-addr> | { <ip-prefix> [{ longer-prefixes | shorter-prefixes }] }] [{ <protocol> [all] } | { bind-label <bind-lbl> | next-hop <next-hop> | next-hop-v6 <next-hop-v6> } | { interface <interface> } | { updated { [since <stime>] [until <utime>] } }] + [summary [cached] | detail | summary-counter-consistency-check] [vrf { <vrf-name> | <vrf-known-name> | <vrf-all> }] [__readonly__ TABLE_vrf <vrf-name-out> TABLE_addrf <addrf> [TABLE_prefix <ipprefix> <ucast-nhops> <mcast-nhops> <attached> TABLE_path [<ipnexthop>] [<ipv6nexthop>] [<nexthop-vrf-name>] [<ifname>] [<bindlbl>] <uptime> <pref> <metric> <clientname> [<type>] [<tag>] [<stale>] [<unres>] [<hidden>] [<stale-label>] [<bgpbackuppath>] [<type2>] [<remote-sid>] [<src-ip>] [<sid-fct>] [<bsid>] [<ubest>] [<mbest>]] [TABLE_summary <routes> <paths> [<multicast_paths>] [TABLE_unicast [<clientnameuni>] [<best-paths>] [<backup-paths>]] [TABLE_multicast [<clientnamemulti>] [<best-paths>] [<backup-paths>]] [TABLE_route_count [<mask_len>] [<count>]]]]

- OLD: 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>] [<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>] [<data-pattern>] [<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>] }]

- 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>] [<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>] [<data-pattern>] [<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>] [<frequency-in-ms>] [<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 verify source [interface <intf6>] [__readonly__ <verify_ipsg_exclude_vlans> [<verify_hdr>] [<verify_intf_ipsg_val> | <verify_ipsg_enable_intfs>] [{ TABLE_verify_entry <verify_intf> <verify_intf_ipsg_val> [{ TABLE_verify_entry_intfs <verify_ipsg_enable_intfs> }] <verify_filter_mode> <verify_ip_addr> <verify_mac_addr> <verify_vlan> }]]

- NEW: show ip verify source [interface <intf6>] [__readonly__ [<verify_ipsg_exclude_vlans>] [<verify_intf_ipsg_val> | <verify_ipsg_enable_intfs>] [TABLE_verified_intfs <verified_ipsg_enable_intfs>] [<verify_hdr>] [{ TABLE_verify_entry <verify_intf> [<verify_intf_ipsg_val>] [{ TABLE_verify_entry_intfs <verify_ipsg_enable_intfs> }] <verify_filter_mode> [<verify_ip_addr>] [<verify_mac_addr>] [<verify_vlan>] }]]

- OLD: show ipt details [__readonly__ <probe_marker> <source_monitor> <sink_monitor>]

- NEW: show ipt details [__readonly__ <probe_marker> [{ TABLE_source_monitor <source_monitor> [<source_monitor_properties>] }] [{ TABLE_sink_monitor <sink_monitor> [<sink_monitor_properties>] }] [{ TABLE_source_record <source_record> [<source_record_properties> +] }] [{ TABLE_sink_record <sink_record> [<sink_record_properties> +] }] [{ TABLE_sink_collector <sink_collector> [<collector_properties> +] }]]

- OLD: show ipv6 dhcp relay [interface <intf-range>] [__readonly__ [<relay_service_enable> [<gbl_src_intf>] <relay_vpn_enable> <relay_cisco_option_enable>] [TABLE_intf <interface-name> [<intf_src_intf>] <intf_header> [TABLE_addr <relay_address> <dst_intf> <vrf_name>]]]

- NEW: show ipv6 dhcp relay [interface <intf-range>] [__readonly__ [<relay_service_enable> [<gbl_src_intf>] <relay_vpn_enable> <relay_option79_state> <relay_cisco_option_enable>] [

TABLE_intf <interface-name> [<intf_src_intf>] <intf_header> [TABLE_addr <relay_address> <dst_intf> <vrf_name>]]]

- OLD: show ipv6 interface { [brief [include-secondary] | [<interface> | <ipv6-addr>] [detail]] } [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ [TABLE_intf <vrf-name-out> <intf-name> [<proto-state>] [<link-state>] [<admin-state>] [<iod>] [TABLE_addr <addr>] [<prefix>] [{ TABLE_sec_addr [<sec-prefix>] }] [<linklocal-addr>] [<linklocal-configured>] [{ TABLE_vaddr [<v-addr>] }] [<ipv6-disabled>] [<mrouting-enabled>] [<mgroup-locally-joined>] [{ TABLE_maddr <m-addr> [<m-addr-refcnt>] }] [{ TABLE_sg [<sg-saddr>] [<sg-maddr>] [<sg-refcnt>] }] [<mtu>] [<global-in-pcl-configured>] [<global-in-pcl-name>] [<global-in-pcl-pending>] [<global-out-pcl-configured>] [<global-out-pcl-name>] [<global-out-pcl-pending>] [<in-pcl-configured>] [<in-pcl-name>] [<in-pcl-pending>] [<out-pcl-configured>] [<out-pcl-name>] [<out-pcl-pending>] [<urpf-mode>] [<ipv6-lstype>] [<stats-last-reset>] [<acl-in>] [<acl-out>] [<upkt-fwd>] [<upkt-orig>] [<upkt-consumed>] [<ubyte-fwd>] [<ubyte-orig>] [<ubyte-consumed>] [<mpkt-fwd>] [<mpkt-orig>] [<mpkt-consumed>] [<mbyte-fwd>] [<mbyte-orig>] [<mbyte-consumed>] [<upkt-in-acc>] [<upkt-in-rej>] [<ubyte-in-acc>] [<ubyte-in-rej>] [<mpkt-in-acc>] [<mpkt-in-rej>] [<mbyte-in-acc>] [<mbyte-in-rej>] [<upkt-out-acc>] [<upkt-out-rej>] [<ubyte-out-acc>] [<ubyte-out-rej>] [<mpkt-out-acc>] [<mpkt-out-rej>] [<mbyte-out-acc>] [<mbyte-out-rej>] [<hw-upkt-sent>] [<hw-upkt-recv>] [<hw-ubyte-sent>] [<hw-ubyte-recv>] [<hw-mpkt-sent>] [<hw-mpkt-recv>] [<hw-mbyte-sent>] [<hw-mbyte-recv>] [<hw-upkt-drop>] [<hw-ubyte-drop>] [<hw-mpkt-drop>] [<hw-mbyte-drop>] [<hw-mpkt-rpdrop>] [<hw-mbyte-rpdrop>] [<hw-mpkt-dfdrop>] [<hw-mbyte-dfdrop>] [<unspecified-src>] [<total-pkt-recv-tent-addr>] [<total-pkts-recv-invalid-addr-state>] [<total-pkt-recv-dup-state>] [<anycast-pkt-arrived-tcp>] [<deliver-intf-down>]]]

- NEW: show ipv6 interface { [brief [include-secondary] | [<interface> | <ipv6-addr>] [detail]] } [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ [TABLE_intf <vrf-name-out> <intf-name> [<iod>] [<proto-state>] [<link-state>] [<admin-state>] [TABLE_addr <addr>] [<prefix>] [{ TABLE_sec_addr [<sec-prefix>] }] [<linklocal-addr>] [<linklocal-configured>] [{ TABLE_vaddr [<v-addr>] }] [<ipv6-disabled>] [<mrouting-enabled>] [<report-linklocal-enabled>] [<forwarding-enabled>] [<mgroup-locally-joined>] [{ TABLE_maddr <m-addr> [<m-addr-refcnt>] }] [<mcast-sgentries-joined>] [{ TABLE_sg [<sg-saddr>] [<sg-maddr>] [<sg-refcnt>] }] [<mtu>] [<global-in-pcl-configured>] [<global-in-pcl-name>] [<global-in-pcl-pending>] [<global-out-pcl-configured>] [<global-out-pcl-name>] [<global-out-pcl-pending>] [<in-pcl-configured>] [<in-pcl-name>] [<in-pcl-pending>] [<out-pcl-configured>] [<out-pcl-name>] [<out-pcl-pending>] [<urpf-mode>] [<ipv6-lstype>] [<stats-last-reset>] [<acl-in>] [<acl-out>] [<upkt-fwd>] [<upkt-orig>] [<upkt-consumed>] [<ubyte-fwd>] [<ubyte-orig>] [<ubyte-consumed>] [<mpkt-fwd>] [<mpkt-orig>] [<mpkt-consumed>] [<mbyte-fwd>] [<mbyte-orig>] [<mbyte-consumed>] [<upkt-in-acc>] [<upkt-in-rej>] [<ubyte-in-acc>] [<ubyte-in-rej>] [<mpkt-in-acc>] [<mpkt-in-rej>] [<mbyte-in-acc>] [<mbyte-in-rej>] [<upkt-out-acc>] [<upkt-out-rej>] [<ubyte-out-acc>] [<ubyte-out-rej>] [<mpkt-out-acc>] [<mpkt-out-rej>] [<mbyte-out-acc>] [<mbyte-out-rej>] [<hw-upkt-sent>] [<hw-upkt-recv>] [<hw-ubyte-sent>] [<hw-ubyte-recv>] [<hw-mpkt-sent>] [<hw-mpkt-recv>] [<hw-mbyte-sent>] [<hw-mbyte-recv>] [<hw-upkt-drop>] [<hw-ubyte-drop>] [<hw-mpkt-drop>] [<hw-mbyte-drop>] [<hw-mpkt-rpdrop>] [<hw-mbyte-rpdrop>] [<hw-mpkt-dfdrop>] [<hw-mbyte-dfdrop>] [<unspecified-src>] [<total-pkt-recv-tent-addr>] [<total-pkts-recv-invalid-addr-state>] [<total-pkt-recv-dup-state>] [<anycast-pkt-arrived-tcp>] [<deliver-intf-down>] [<nd-frag-drop>]]]

- OLD: show ipv6 mld snooping [{ vlan <vlan> | bridge-domain <bdid> }] [__readonly__ [<vdc>] [<enabled>] [<omf>] [<grepsup>] [<gv3repsup>] [<glinklocalgrpsup>] { TABLE_vlan <vlan-id> [<description>] [<snoop-on>] [<qa>] [<qv>] [<qi>] [<qlmqi>] [<rv>] [<sq>] [<sqr>] [<eht>] [<fl>] [<repsup>] [<v3repsup>] [<vlinklocalgrpsup>] [<rpc>] [<gc>] [TABLE_active_ports

[<actvports>]] [<lkupmode>] [<omf_enabled>] [<reportfloodenable>] [<reportfloodall>] [TABLE_intf <if-name>] [<leavegroupaddress>] }]

- NEW: show ipv6 mld snooping [{ vlan <vlan> | bridge-domain <bdid> }] [__readonly__ [<vdc>] [<enabled>] [<omf>] [<grepsup>] [<gv2repsup>] [<glinklocalgrpsup>] { TABLE_vlan <vlan-id> [<description>] [<snoop-on>] [<qa>] [<qv>] [<qi>] [<qlmqi>] [<rv>] [<sq>] [<sqr>] [<eht>] [<fl>] [<repsup>] [<v2repsup>] [<vlinklocalgrpsup>] [<rpc>] [<gc>] [TABLE_active_ports [<actvports>]]] [<lkupmode>] [<omf_enabled>] [<reportfloodenable>] [<reportfloodall>] [TABLE_intf <if-name>] [<leavegroupaddress>] }]

- OLD: show ipv6 mld snooping explicit-tracking [vlan <vlan> | bridge-domain <bdid>] [detail] [__readonly__ [TABLE_vlan [<vlan-id>] [TABLE_gaddr [<grp-addr>] [TABLE_if [<if-name>] [TABLE_haddr [<host-addr>] [TABLE_srcaddr [<src-addr>] [<uptime>] [<last-join>] [<expires>] [<cfs-flag>] [<native-flag>] [<delete-pending>] [<cfs-update-pending>]]]]]]]]

- NEW: show ipv6 mld snooping explicit-tracking [vlan <vlan> | bridge-domain <bdid>] [detail] [__readonly__ [TABLE_vlan [<vlan-id>] [TABLE_gaddr [<grp-addr>] [TABLE_if [<if-name>] [TABLE_haddr [<host-addr>] [TABLE_srcaddr [<src-addr>] [<uptime>] [<last-join>] [<expires>] [<version>] [<num_of_reports>] [<cfs-flag>] [<native-flag>] [<delete-pending>] [<cfs-update-pending>]]]]]]]]

- OLD: show ipv6 mld snooping statistics [global | vlan <vlan> | bridge-domain <bdid>] [__readonly__ [<pr>] [<inv_pkt>] [<pnv>] [<loopbkpkt>] [<mrdloopbk>] [<pf>] [<vpcdrqs>] [<vpcdrqr>] [<vpcdrqf>] [<vpcdrus>] [<vpcdrur>] [<vpcdruf>] [<vpccfssf>] [<vpccfsrs>] [<vpccfsrr>] [<vpccfsrf>] [<vpccfsrfp>] [<vpccfsurls>] [<vpccfsurlr>] [<vpccfsurlf>] [<vpccfsrls>] [<vpccfsrlr>] [<vpccfsrlf>] [<inv_iod>] [<stptcnr>] [<imapif>] [<mfreqr>] [<mfcmps>] [<mfdgcmps>] [<bufsnt>] [<bufackr>] [<vpcmismatch>] [{ TABLE_vlan [<vlan-id>] [<ut>] [<vpr>] [<v1rr>] [<v2rr>] [<v3rr>] [<v1qr>] [<v2qr>] [<v3qr>] [<v2lr>] [<phr>] [<irr>] [<iqr>] [<v1rs>] [<v2rs>] [<v2ls>] [<v3gs>] [<vmr>] [<upr>] [<qo>] [<v2ro>] [<v2lo>] [<v3ro>] [<vpsr>] [<str>] [<mps>] [<mpr>] [<mpe>] [<cps>] [<cpr>] [<cpe>] [<repflooded>] [<repfwded>] }]]

- NEW: show ipv6 mld snooping statistics [global | vlan <vlan> | bridge-domain <bdid>] [__readonly__ [<pr>] [<inv_pkt>] [<inv_pkt_bd>] [<inv_pkt_no_fd_vxlan>] [<pnv>] [<loopbkpkt>] [<mrdloopbk>] [<pf>] [<vpcdrqs>] [<vpcdrqr>] [<vpcdrqf>] [<vpcdrus>] [<vpcdrur>] [<vpcdruf>] [<vpccfssf>] [<vpccfsrs>] [<vpccfsrr>] [<vpccfsrf>] [<vpccfsrfp>] [<vpccfsurls>] [<vpccfsurlr>] [<vpccfsurlf>] [<vpccfsrls>] [<vpccfsrlr>] [<vpccfsrlf>] [<stptcnr>] [<imapif>] [<mfreqr>] [<mfcmps>] [<inv_iod>] [<mfdgcmps>] [<bufsnt>] [<bufackr>] [<vpcmismatch>] [{ TABLE_vlan [<vlan-id>] [<ut>] [<vpr>] [<v1rr>] [<v2rr>] [<v1qr>] [<v2qr>] [<v2lr>] [<phr>] [<irr>] [<iqr>] [<v1rs>] [<v2rs>] [<v2ls>] [<v2lsv1>] [<v3gs>] [<qo>] [<v2ro>] [<v2lo>] [<v3ro>] [<vpsr>] [<str>] [<vmr>] [<upr>] [<cps>] [<cpr>] [<cpe>] [<mps>] [<mpr>] [<mpe>] [<repflooded>] [<repfwded>] [<agd>] [<egd>] [<lvd>] [<qd>] [<pmd>] }]]

- OLD: show ipv6 mld snooping { report-policy | access-group } statistics [vlan <vlan>] [__readonly__ [TABLE_vlanid { <vlan-id> <rpm-type> <policy-name> }]]

- NEW: show ipv6 mld snooping { report-policy | access-group } statistics [vlan <vlan>] [__readonly__ [TABLE_vlanid { <vlan-id> <rpm-type> <policy-name> }] [TABLE_filtervlanid { <filter-vlan-id> <filter-policy-name> }]]

- OLD: show ipv6 mroute [[[bitfield] [detail]] | sr | rp | [summary [count | software-forwarded | rpf-failed]] | { [[<source> <group>] | [<group> [<source>]]] [shared-tree | source-tree | mofrr] [

[flags] | [detail] | [bitfield] | [summary [software-forwarded | rpf-failed]]] }] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_vrf <vrf-name> [<expry_timer>] [<route_count>] [<star_g_cnt>] [<sg_cnt>] [<star_g_prfx_cnt>] [TABLE_route_summary [<total-num-routes>] [<star-g-route>] [<sg-route>] [<star-g-prfx>] [<group-count>] [<avg>] [<rem>] [<stats-pndg>]] [TABLE_summary_source [<group_addr>] [<group_mask_len>] [<source_count>] [TABLE_one_sg [<source_addr>] [<packets>] [<bytes>] [<aps>] [<pps>] [<rate_buf>] [<oifs>] [<software_fwd>] [<rpf-failed-pkts>] [<rpf-failed-bytes>]]] [TABLE_one_route <mcast-addrs> [<source_addrs> <group_addrs>] [<pending>] [<bidir>] [<uptime>] [<mofrr>] [TABLE_mpib [<mpib-name>] [<oif-count>] [<stale-route>]] [<mdt-encap-index>] [<stats-pkts>] [<stats-bytes>] [<stats-rate-buf>] [<lisp-src-rloc>] [<translated-route-src>] [<translated-route-grp>] [<route-iif>] [<rpf-nbr>] [<mofrr-iif>] [<mofrr-nbr>] [<internal>] [<oif-count>] [<fabric-oif>] [<fabric-loser>] [<num-vpc-svi-oifs>] [TABLE_oif [<oif-name>] [<oif-uptime>] [TABLE_oif_mpib [<oif-mpib-name>] [<stale-oif>] [<omd-vpc-svi>] [<core-interest>] [<fabric-interest>]] [<rpf>]] [<route-mdt-iod>] [<oif-list-bitfield>] [TABLE_extranet [<extranet_vrf_name>] [<extranet_addr>] [<extranet_oif_count>]]]]

- NEW: show ipv6 mroute [[[bitfield] [detail]] | sr | rp | [summary [count | software-forwarded | rpf-failed]] | { [[<source> <group>] | [<group> [<source>]]] [shared-tree | source-tree | mofrr] [[flags] | [detail] | [bitfield] | [summary [software-forwarded | rpf-failed]]] }] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_vrf <vrf-name> [<expry_timer>] [<route_count>] [<star_g_cnt>] [<sg_cnt>] [<star_g_prfx_cnt>] [TABLE_route_summary [<total-num-routes>] [<star-g-route>] [<sg-route>] [<star-g-prfx>] [<group-count>] [<avg>] [<rem>] [<stats-pndg>]] [TABLE_summary_source [<group_addr>] [<group_mask_len>] [<source_count>] [TABLE_one_sg [<source_addr>] [<packets>] [<bytes>] [<aps>] [<pps>] [<rate_buf>] [<oifs>] [<software_fwd>] [<rpf-failed-pkts>] [<rpf-failed-bytes>]]] [TABLE_one_route <mcast-addrs> [<source_addrs> <group_addrs>] [<pending>] [<bidir>] [<uptime>] [<mofrr>] [TABLE_mpib [<mpib-name>] [<oif-count>] [<stale-route>]] [<mdt-encap-index>] [<stats-pkts>] [<stats-bytes>] [<stats-rate-buf>] [<lisp-src-rloc>] [<nat-mode>] [<nat-route-type>] [<route-iif>] [<rpf-nbr>] [<mofrr-iif>] [<mofrr-nbr>] [<internal>] [<oif-count>] [<fabric-oif>] [<fabric-loser>] [<num-vpc-svi-oifs>] [TABLE_oif [<oif-name>] [<oif-uptime>] [TABLE_oif_mpib [<oif-mpib-name>] [<stale-oif>] [<omd-vpc-svi>] [<core-interest>] [<fabric-interest>]] [<rpf>]] [<route-mdt-iod>] [<oif-list-bitfield>] [<sr-count>] [TABLE_sr [<translated-route-src>] [<translated-route-grp>] [<udp-src-port>] [<udp-dst-port>] [<sr-oif>]] [TABLE_extranet [<extranet_vrf_name>] [<extranet_addr>] [<extranet_oif_count>]]]]

- OLD: show ipv6 multicast vrf [<vrf-name> | <vrf-known-name> | all] [detail] [__readonly__ <vrf-count> [{ TABLE_vrf <vrf-name> <cid> <tid> <rc> <gc> <sc> <star_gc> <state> [<multipath-configuration>] [<mrib-cc-timer-left>] [<mrib-stats-timer-left>] [<mrib-mfdm-timer-left>] [<mrib-lisp-timer-left>] [<resilient>] [TABLE_RPF_SELECT <rpf-ip> <rpf-ip-mask> <rpf-vrf>] }]]

- NEW: show ipv6 multicast vrf [<vrf-name> | <vrf-known-name> | all] [detail] [__readonly__ <vrf-count> [{ TABLE_vrf <vrf-name> <cid> <tid> <rc> <gc> <sc> <star_gc> <state> [<multipath-configuration>] [<mrib-cc-timer-left>] [<mrib-stats-timer-left>] [<mrib-mfdm-timer-left>] [<mrib-lisp-timer-left>] [<sr-interface>] [<resilient>] [TABLE_RPF_SELECT <rpf-ip> <rpf-ip-mask> <rpf-vrf>] }]]

- OLD: show ipv6 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-addrs>] [<rp-addr>] [<rp-local>] [<bidir>] [<sgexpire>] [<sgrexpire>] [<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>]]]]

- NEW: show ipv6 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-addrs>] [<rp-addr>] [<rp-local>] [<bidir>] [<sgexpire>] [<sgrexpire>] [<timeleft>] [<rp-bit>] [<register>] [<intf-name>] [<rpf-nbr-1>] [<rpf-nbr-addr>] [<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 ipv6 pim vrf [{ <vrf-name> | <vrf-known-name> | all }] [detail | internal] [__readonly__ { TABLE_context <out-context> <context-id> <count> <table-id> <bfd> <mvpn> }]

- NEW: show ipv6 pim vrf [{ <vrf-name> | <vrf-known-name> | all }] [detail | internal] [__readonly__ { TABLE_context <out-context> <context-id> <count> <table-id> <bfd> <mvpn> [<strict_rfc_compliant>] }]

- OLD: show ipv6 raguard statistics [interface <intf-range>] [__readonly__ <msg_stats_hdr> <intf2> <rx_pkts> <drop_count>]

- NEW: show ipv6 raguard statistics [interface <intf-range>] [__readonly__ <msg_stats_hdr> [<intf2>] [<rx_pkts>] [<drop_count>]]

- OLD: show ipv6 route [unicast] [topology <topology-name>] [l3vm-info] [rpf] [<ipv6-addr> | { <ipv6-prefix> [{ longer-prefixes | shorter-prefixes }] }] [{ <ipv6-protocol> [all] } | { bind-label <bind-lbl> | next-hop <next-hop> } | { interface <interface> } | { updated { [since <stime>] [until <utime>] } }] + [summary [cached] | summary-counter-consistency-check | { [detail] [deleted] }] [vrf { <vrf-name> | <vrf-known-name> | <vrf-all> }] [__readonly__ TABLE_vrf <vrf-name-out> TABLE_addrf <addrf> [TABLE_prefix <ipprefix> <ucast-nhops> <mcast-nhops> [<attached>] TABLE_path [<ubest>] [<mbest>] [<ipnexthop>] [<nexthop-vrf-name>] [<ifname>] [<bindlbl>] [<srv6-funct>] <uptime> <pref> <metric> <clientname> [<type>] [<tag>] [<stale>] [<stalelbl>] [<hidden>] [<remote-sid>] [<src-ip>] [<sid-fct>]] [TABLE_summary <routes> <paths> [<multicast_paths>] [TABLE_unicast [<clientnameuni>] [<best-paths>] [<backup-paths>]] [TABLE_multicast [<clientnamemulti>] [<best-paths>] [<backup-paths>]] [TABLE_route_count [<mask_len>] [<count>]]]]

- NEW: show ipv6 route [unicast] [topology <topology-name>] [l3vm-info] [rpf] [<ipv6-addr> | { <ipv6-prefix> [{ longer-prefixes | shorter-prefixes }] }] [{ <ipv6-protocol> [all] } | { bind-label <bind-lbl> | next-hop <next-hop> } | { interface <interface> } | { updated { [since <stime>] [until <utime>] } }] + [summary [cached] | summary-counter-consistency-check | { [detail] [deleted] }] [vrf { <vrf-name> | <vrf-known-name> | <vrf-all> }] [__readonly__ TABLE_vrf <vrf-name-out> TABLE_addrf <addrf> [TABLE_prefix <ipprefix> <ucast-nhops> <mcast-nhops> [<attached>] TABLE_path [<ubest>] [<mbest>] [<ipnexthop>] [<nexthop-vrf-name>] [<ifname>] [<bindlbl>] [<srv6-funct>] <uptime> <pref> <metric> <clientname> [<type>] [<tag>] [<stale>] [<stalelbl>

] [<hidden>] [<remote-sid>] [<src-ip>] [<sid-fct>] [<bsid>]] [TABLE_summary <routes> <paths> [<multicast_paths>]] [TABLE_unicast [<clientnameuni>] [<best-paths>] [<backup-paths>]] [TABLE_multicast [<clientnamemulti>] [<best-paths>] [<backup-paths>]] [TABLE_route_count [<mask_len>] [<count>]]]]

- OLD: show isis [<isis-tag>] [internal] event-history { errors | msgs | <isis-event-hist-buf-name> | statistics }

- NEW: show isis [<isis-tag>] [internal] event-history { adjacency | cli | csnp | df | dis | distribute-ls | drap | errors | events | graceful | ha | iih | ldp | lslib-errors | lslib-traces | lsp-flood | lsp-gen | m2rib | mcast | msgs | mtr | oper | otv | perf | psnp | redistribute | rib | route-filter | spf-leaf | spf-tree | sr | srv6 | statistics | te | tlv | ulib | vlan-mgr }

- OLD: show isis [<isis-tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] [ip] route-map statistics { { redistribute { static | direct | amt | bgp <as> | { <src-isis> | eigrp | ospf | rip } <tag> } } | { distribute <src-level> into <dst-level> } } [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ { TABLE_process_tag <process-tag-out> { TABLE_vrf <route-map-stat-vrf> [{ TABLE_process_route_map [<name>] [<action>] [<seq>] [{ TABLE_cmd [<str>] [<compare-count>] [<match-count>] }] <accept-count> <reject-count> }] } }]

- NEW: show isis [<isis-tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] [ip] route-map statistics { { redistribute { static | direct | amt | bgp <as> | { <src-isis> | eigrp | ospf | rip } <tag> } } | { distribute <src-level> into <dst-level> } } [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ { TABLE_process_tag <process-tag-out> { TABLE_vrf <route-map-stat-vrf> [<redistributing-process-name>] [<redistributing-policy-name>] [<redistributing-process-state>] [{ TABLE_process_route_map [<name>] [<action>] [<seq>] [{ TABLE_cmd [<str>] [<compare-count>] [<match-count>] }] <accept-count> <reject-count> }] } }]

- OLD: show isis [<isis-tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] ipv6 route-map statistics { { redistribute { static | direct | amt | bgp <as> | { <src-isis> | eigrp | ospfv3 | rip } <tag> } } | { distribute <src-level> into <dst-level> } } [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_process_tag [<process-tag-out>] [<route-map-stat-vrf>] [{ TABLE_process_route_map [<name>] [<action>] [<seq>] [{ TABLE_cmd [<str>] [<compare-count>] [<match-count>] }] <accept-count> <reject-count> }]]

- NEW: show isis [<isis-tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] ipv6 route-map statistics { { redistribute { static | direct | amt | bgp <as> | { <src-isis> | eigrp | ospfv3 | rip } <tag> } } | { distribute <src-level> into <dst-level> } } [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_process_tag [<process-tag-out>] [<route-map-stat-vrf>] [<redistributing-process-name>] [<redistributing-policy-name>] [<redistributing-process-state>] [<multitopology>] [{ TABLE_process_route_map [<name>] [<action>] [<seq>] [{ TABLE_cmd [<str>] [<compare-count>] [<match-count>] }] <accept-count> <reject-count> }]]

- OLD: show itd session device-group [<name>] [__readonly__ [TABLE_dg <dg_name> <first_entry> [TABLE_svc <node>]]]

- NEW: show itd session device-group [<name>] [__readonly__ [TABLE_dg <dg_name> <first_entry> [TABLE_svc <node> [<utrackid>]]]]

- OLD: show l2route evpn ead all [detail] [__readonly__ TABLE_l2route_evpn_ead_all <topo-id> <prod> <esi> <client-nfn> <num_pls> [{ <next-hop> }]]

- NEW: show l2route evpn ead all [detail] [__readonly__ TABLE_l2route_evpn_ead_all <topo-id> <prod> <esi> <client-nfn> <flags> <num_pls> [{ <next-hop> }] +]

- OLD: show l2route evpn fl all [detail] [__readonly__ TABLE_l2route_fl_all <topo-id> <peer-id> <flood-list> <is-service-node> [<client-nfn>]]

- NEW: show l2route evpn fl all [detail] [__readonly__ TABLE_l2route_fl_all <topo-id> <peer-id> <flood-list> <egress-vni> <is-service-node> [<client-nfn>]]

- OLD: show l2route evpn fl evi <vpn-id> [detail] [__readonly__ TABLE_l2route_fl <peer-id> <flood-list> <is-service-node> [<client-nfn>]]

- NEW: show l2route evpn fl evi <vpn-id> [detail] [__readonly__ TABLE_l2route_fl <peer-id> <flood-list> <egress-vni> <is-service-node> [<client-nfn>]]

- OLD: show l2route evpn fl all [detail] [__readonly__ TABLE_l2route_fl_all <topo-id> <peer-id> <flood-list> <is-service-node> [<client-nfn>]]

- NEW: show l2route evpn fl all [detail] [__readonly__ TABLE_l2route_fl_all <topo-id> <peer-id> <flood-list> <egress-vni> <is-service-node> [<client-nfn>]]

- OLD: show l2route evpn fl evi <vpn-id> [detail] [__readonly__ TABLE_l2route_fl <peer-id> <flood-list> <is-service-node> [<client-nfn>]]

- NEW: show l2route evpn fl evi <vpn-id> [detail] [__readonly__ TABLE_l2route_fl <peer-id> <flood-list> <egress-vni> <is-service-node> [<client-nfn>]]

- OLD: show lldp tlv-select [__readonly__ <management-address-v4> <management-address-v6> <port-description> <port-vlan> <power-management> <system-capabilities> <system-description> <system-name> <dcbxp-cin-cee> [<dcbxp-cn>] [<dcbxp-ets-cfg>] [<dcbxp-ets-reco>] [<dcbxp-pfc-cfg>] [<dcbxp-app-pri>] [<dcbxp-app-vlan>]]

- NEW: show lldp tlv-select [__readonly__ <management-address-v4> <management-address-v6> <port-description> <port-vlan> <power-management> <four-wire-power-management> <system-capabilities> <system-description> <system-name> <dcbxp-cin-cee> [<dcbxp-cn>] [<dcbxp-ets-cfg>] [<dcbxp-ets-reco>] [<dcbxp-pfc-cfg>] [<dcbxp-app-pri>] [<dcbxp-app-vlan>]]

- OLD: show logging info [__readonly__ { <console_status> [<console_severity>] } { <monitor_status> [<monitor_severity>] } { <linecard_status> [<linecard_severity>] } { <log_timestamp> } [{ <source_interface_status> } [<source_interface_intf> | <source_interface_intf_index><source_interface_error>]] { <server_status> [{ TABLE_logserver <server><forwarding><severity><facility><vrf><port> [<transport>] }]] { { <origin_id_status> } [<origin_id>] } [[<logflash_status>] [<logflash_severity>]] { <logfile_status> [<logfile_name><logfile_severity><logfile_size>] } { { TABLE_facility <fac_name><def_level><cur_level> } { <fac_info> } }]

- NEW: show logging info [__readonly__ { <console_status> [<console_severity>] } { <monitor_status> [<monitor_severity>] } { <linecard_status> [<linecard_severity>] } { <log_timestamp> } [{ <source_interface_status> } [<source_interface_intf> | <source_interface_intf_index><source_interface_error>]] { <server_status> [{ TABLE_logserver <server><forwarding><severity><facility><vrf><port> [<transport>] }]] { { <origin_id_status> } [<origin_id>] } [[<logflash_status>] [<logflash_severity>] [<logflash_threshold>]] { <logfile_status>

[<logfile_name><logfile_severity><logfile_size>] } { { TABLE_facility
<fac_name><def_level><cur_level> } { <fac_info> } }]

- OLD: show logging level core

- NEW: show logging level core-dmon

- OLD: show mac address-table notification mac-move [__readonly__ TABLE_mac_notif
  <disp_mm_status><disp_mm_triggers><disp_macs_added><disp_macs_moved><disp_macs_removed>
  ]

- NEW: show mac address-table notification mac-move [__readonly__ TABLE_mac_notif
  <disp_mm_status> <disp_mm_triggers> <disp_macs_added> <disp_macs_moved>
  <disp_macs_moved_border> <disp_macs_removed>]

- OLD: show nbm defaults [vrf { <vrf-name> | <nbm-vrf-known-name> | all }] [__readonly__ TABLE_vrf
  <vrfName> { <contextId> <bandwidthInKbps> <dscp> <qid> <policer> <operModeCache> <operMode>
  <unicastFabricBandwidth> <numAsmGroup> } [TABLE_ASM <groupId> { <groupPrefix>
  <groupMaskLen> }] { <senderPolicy> <localReceiverPolicy> <externalReceiverPolicy> }]

- NEW: show nbm defaults [vrf { <vrf-name> | <nbm-vrf-known-name> | all }] [__readonly__ TABLE_vrf
  <vrfName> { <contextId> <bandwidthInKbps> <dscp> <qid> <policer> <operModeCache> <operMode>
  <unicastFabricBandwidth> <ResBwRxOnly> <numAsmGroup> } [TABLE_ASM <groupId> {
  <groupPrefix> <groupMaskLen> }] { <senderPolicy> <localReceiverPolicy> <externalReceiverPolicy>
  }]

- OLD: show nbm flow-policy [name { <policy-name> }] [vrf { <vrf-name> | <nbm-vrf-known-name>
  | all }] [__readonly__ TABLE_vrf { <vrfName> [<policyName>] [{ <defaultBandwidthKbps>
  <defaultDscp> <defaultQos> <defaultPolicer> }] [{ TABLE_flow_policy <groupRange>
  <bandwidthKbps> <dscp> <qos> <policer> <policyName> }] <numGroupRanges> <numPolicies> }
  ]

- NEW: show nbm flow-policy [name { <policy-name> }] [vrf { <vrf-name> | <nbm-vrf-known-name>
  | all }] [__readonly__ TABLE_vrf { <vrfName> [<policyName>] [{ <defaultBandwidthKbps>
  <defaultDscp> <defaultQos> <defaultPolicer> }] [{ TABLE_flow_policy <groupRange>
  <bandwidthKbps> <dscp> <qos> <policer> <priority> <policyName> }] <numGroupRanges>
  <numPolicies> }]

- OLD: show nbm flows [group-based [group <group-ip>] | { flow-policy { <cfg-pol-name> |
  <unknown-pol-name> } } | source <source-ip> [group <group-ip>] | group <group-ip> [source
  <source-ip>] | interface <if-name> | logical-id { none | any | <lid-val> } | profile-id <prof-id>] [all |
  active | inactive | no-receiver] [detail] [vrf { <vrf-name> | <nbm-vrf-known-name> | all }] [
  __readonly__ [TABLE_vrf <vrf-name> [TABLE_flows { <mcast_grp> <src_ip> [<start_time>]
  <uptime> <src_intf> <src_nbr_device> [<lid> <profile> <status>] <num_rx> <bw_mbps> [<cfg_mbps>
  ] <src_slot> <src_unit> <src_slice> } [{ <act_slot> <act_unit> <stdby_slot> <stdby_unit> }] { <dscp>
  <qos> [<owner_type>] <policed> [<is_fhr>] <pol_name> } [<flag>] [TABLE_num_int_links {
  <n_link> <num_links> }] [TABLE_int_links { <iiod> <ilink> <i_ifidx> <fab_iiod> <fab_oiod>
  <fab_ifidx> <oiod> <olink> <i_ieth_port> <fab_ieth_port> }] [TABLE_oifs { [<oif_num>] <oif_slot>
  <oif_unit> <oif_slot_unit_num_rx> <oif_if_idx> <oif_iod> <oif_name> <oif_nbr_device> }] [{
  <end_timestr> <flow_rate_bps> <packets> <bytes> }]]]]

- NEW: show nbm flows [group-based [group <group-ip>] | { flow-policy { <cfg-pol-name> |
  <unknown-pol-name> } } | source <source-ip> [group <group-ip>] | group <group-ip> [source

<source-ip>] | interface <if-name> | priority { low | critical } | logical-id { none | any | <lid-val> } | profile-id <prof-id>] [all | active | inactive | no-receiver] [detail] [vrf { <vrf-name> | <nbm-vrf-known-name> | all }] [__readonly__ [TABLE_vrf <vrf-name> [TABLE_flows { <mcast_grp> <src_ip> [<start_time>] <uptime> <src_intf> <src_nbr_device> [<lid> <profile> <status>] <num_rx> <bw_mbps> [<cfg_mbps>] <src_slot> <src_unit> <src_slice> } [{ <act_slot> <act_unit> <stdby_slot> <stdby_unit> }]] { <dscp> <qos> [<owner_type>] <policed> [<is_fhr>] <priority> <pol_name> } [<flag>] [TABLE_num_int_links { <n_link> <num_links> }] [TABLE_int_links { <iiod> <ilink> <i_ifidx> <fab_iiod> <fab_oiod> <fab_ifidx> <oiod> <olink> <i_ieth_port> <fab_ieth_port> }] [TABLE_oifs { [<oif_num>] <oif_slot> <oif_unit> <oif_slot_unit_num_rx> <oif_if_idx> <oif_iod> <oif_name> <oif_nbr_device> }] [{ <end_timestr> <flow_rate_bps> <packets> <bytes> }]]]]

- OLD: show nve interface [<nve-if> [detail]] [__readonly__ [TABLE_nve_if { <if-name> <if-state> <encap-type> <vpc-capability> <local-rmac> <host-reach-mode> <source-if> { <primary-ip> | <primary-ipv6> } [<secondary-ip> | <secondary-ipv6>] [{ <anycast-if> } { <anycast-ip> | <anycast-ipv6> }] [{ <src-if-state> [<anyc-if-state>] <adv-vmac> <nve-flags> <nve-if-handle> <src-if-holddown-tm> <src-if-holdup-tm> <src-if-holddown-left> <vpc-compat-check> <vip-rmac> [<vip-rmac-ro>] <sm-state> [<es-delay-restore-time> <es-delay-restore-time-left>] [<multisite-convergence-time> <multisite-convergence-time-left>] [<multisite-bgw-if> <multisite-bgw-if-ip> <multisite-bgw-if-admin-state> <multisite-bgw-if-oper-state> <multisite-bgw-if-oper-state-down-reason>] }] }]]

- NEW: show nve interface [<nve-if> [detail]] [__readonly__ [TABLE_nve_if { <if-name> <if-state> <encap-type> <vpc-capability> <local-rmac> <host-reach-mode> <source-if> { <primary-ip> | <primary-ipv6> } [<secondary-ip> | <secondary-ipv6>] [{ <anycast-if> } { <anycast-ip> | <anycast-ipv6> }] [{ <src-if-state> [<anyc-if-state>] <adv-vmac> <nve-flags> <nve-if-handle> <src-if-holddown-tm> <src-if-holdup-tm> <src-if-holddown-left> <vpc-compat-check> <vip-rmac> [<vip-rmac-ro>] <sm-state> [<es-delay-restore-time> <es-delay-restore-time-left>] [<multisite-convergence-time> <multisite-convergence-time-left> <dci-advertise-pip>] [<multisite-bgw-if> <multisite-bgw-if-ip> <multisite-bgw-if-admin-state> <multisite-bgw-if-oper-state> <multisite-bgw-if-oper-state-down-reason>] }] }]]

- OLD: show nve peers [[[interface <nve-if> | peer-ip { <user-peer-ip> | <user-peer-ipv6> } | control-plane | data-plane] [detail]] | [control-plane-vni [vni <vni-id> | peer-ip { <user-peer-ip> | <user-peer-ipv6> }]] | [controller]] [__readonly__ TABLE_nve_peers [[<detail>] [<control-plane-vni>] [<if-name>] { <peer-ip> | <peer-ipv6> } [<peer-state>] [<learn-type>] [<uptime>] [<router-mac>] [{ <first-vni> <create-ts> <config-vnis> <provision-state> <cp-vni> <vni-assignment-mode> <dci-fabric-location> [<stale-timer>] }] [{ <vni> <learn-src> <vni-gw-mac> <peer-type> }]]]

- NEW: show nve peers [[[interface <nve-if> | peer-ip { <user-peer-ip> | <user-peer-ipv6> } | control-plane | data-plane] [detail]] | [control-plane-vni [vni <vni-id> | peer-ip { <user-peer-ip> | <user-peer-ipv6> }]] | [controller]] [__readonly__ TABLE_nve_peers [[<detail>] [<control-plane-vni>] [<if-name>] { <peer-ip> | <peer-ipv6> } [<peer-state>] [<learn-type>] [<uptime>] [<router-mac>] [{ <first-vni> <create-ts> <config-vnis> <provision-state> <cp-vni> <vni-assignment-mode> <dci-fabric-location> [<stale-timer>] }] [{ <vni> <learn-src> <learn-src-mask> <vni-gw-mac> <peer-type> <egress-vni> <sw-bd> <state> }]]]

- OLD: show nve vni <vni-id> counters [__readonly__ <vni> <tx_ucastpkts> <tx_ucastbytes> <tx_mcastpkts> <tx_mcastbytes> <rx_ucastpkts> <rx_ucastbytes> <rx_mcastpkts> <rx_mcastbytes>]

- NEW: show nve vni { <vni-id> | all } counters [__readonly__ <vni> <tx_ucastpkts> <tx_ucastbytes> <tx_mcastpkts> <tx_mcastbytes> <rx_ucastpkts> <rx_ucastbytes> <rx_mcastpkts> <rx_mcastbytes>]

- OLD: show nxapi [__readonly__ <nxapi_status> [configuration_error <c_error>] [<http_port>] [<https_port> <ssl_issuer> <ssl_enddate>]]

- NEW: show nxapi [__readonly__ <nxapi_status> <timeout> [configuration_error <c_error>] [<http_port>] [<https_port> <ssl_issuer> <ssl_enddate>]]

- OLD: show policy-map [{ [type qos] [<pmap-name-qos>] } | { type queuing [<pmap-name-que>] }] [__readonly__ { [<display-all>] [TABLE_pmap [<pmap-key>] [<type-spec>] [<yqos-or-q>] [<options>] <pmap-name-out> [<nq-xpmap-name>] [<desc>] [<nq-desc>] [TABLE_cmap [<cmap-key>] [<type-cmap-spec>] [<xqos-or-q>] [<cmap-name>] [<nq-xcmap-name>] [TABLE_action [<action-key>] [<nq-action-key>] [<serv-pol-type>] [<serv-pol-name>] [<cos-list>] [<qos-group-list>] [<protocol>] [<nq-pause> <timeout> <nq-size-in-bytes> <nq-xoff-bytes> <nq-xon-bytes>] [<pfc-cos-list>] [<pfc_rx_only>] [<cc>] [<thresh-units>] [<min-thresh>] [<max-thresh>] [<drop-prob>] [<iod>] [<mtu>] [<set-cos>] [<dpp>] [<dctcp-threshold>] [<queue-limit>] [<inner>] [<dlb-disable>] [<cos>] [<exp-val-imposition>] [<exp-val-topmost>] [<dscp-enum>] [<dscp>] [<prec-enum>] [<prec>] [<disc-class>] [<qos-group>] [<tmap-from>] [<tmap-to>] [<tmap-name>] [<avg-rate-type>] [<rate-units>] [<shape-rate>] [<min-rate-type>] [<min-rate-units>] [<shape-min-rate>] [<max-rate-type>] [<max-rate-units>] [<shape-max-rate>] [<rise-threshold-units>] [<fall-threshold-units>] [<prio-level>] [<qlim-param-type>] [<qlim-param-val>] [<ooo>] [<size-units>] [<qlim-size>] [<qlim-enum-spec>] [<rdet-agg>] [<rdet-mode>] [<rdet-burst-opt>] [<rdet-mesh-opt>] [<rdet-ecn>] [TABLE_rdet <rdet-key> [<rdet-values>] [<rdet-min-thresh>] [<rdet-size-units>] [<rdet-max-thresh>] [<rdet-drop-prob>] [<rdet-weight>] [<rdet-cap-average>]] [<rdet-nonecn-mode>] [TABLE_rdet_nonecn <rdet-nonecn-key> [<rdet-nonecn-min-thresh>] [<rdet-nonecn-size-units>] [<rdet-nonecn-max-thresh>] [<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>]]]] }]

- NEW: show policy-map [{ [type qos] [<pmap-name-qos>] } | { type queuing [<pmap-name-que>] }] [__readonly__ { [<display-all>] [TABLE_pmap [<pmap-key>] [<type-spec>] [<yqos-or-q>] [<options>] [<pmap-name-out>] [<nq-xpmap-name>] [<desc>] [<nq-desc>] [TABLE_cmap [<cmap-key>] [<type-cmap-spec>] [<xqos-or-q>] [<cmap-name>] [<nq-xcmap-name>] [TABLE_action [<action-key>] [<nq-action-key>] [<serv-pol-type>] [<serv-pol-name>] [<cos-list>] [<qos-group-list>] [<protocol>] [<nq-pause> <timeout> <nq-size-in-bytes> <nq-xoff-bytes> <nq-xon-bytes>] [<pfc-cos-list>] [<pfc_rx_only>] [<cc>] [<thresh-units>] [<min-thresh>] [<max-thresh>] [<drop-prob>] [<iod>] [<mtu>] [<set-cos>] [<dpp>] [<dctcp-threshold>] [<queue-limit>] [<inner>] [<dlb-disable>] [<cos>] [<exp-val-imposition>] [<exp-val-topmost>] [<dscp-enum>] [<dscp>] [<prec-enum>] [<prec>] [<disc-class>] [<qos-group>] [<tmap-from>] [<tmap-to>] [<tmap-name>] [<avg-rate-type>] [<rate-units>] [<shape-rate>] [<min-rate-type>] [<min-rate-units>] [<shape-min-rate>] [<max-rate-type>] [<max-rate-units>] [<shape-max-rate>] [<rise-threshold-units>] [<fall-threshold-units>] [<prio-level>] [<qlim-param-type>] [<qlim-param-val>] [<ooo>] [<size-units>] [<qlim-size>] [<qlim-enum-spec>] [<rdet-agg>] [<rdet-mode>] [<rdet-burst-opt>] [<rdet-mesh-opt>] [<rdet-ecn>] [TABLE_rdet <rdet-key> [<rdet-values>] [<rdet-min-thresh>] [<rdet-size-units>] [<rdet-max-thresh>] [<rdet-drop-prob>] [<rdet-weight>] [<rdet-cap-average>]] [<rdet-nonecn-mode>] [TABLE_rdet_nonecn <rdet-nonecn-key> [<rdet-nonecn-min-thresh>] [<rdet-nonecn-size-units>] [<rdet-nonecn-max-thresh>] [<rdet-nonecn-drop-prob>]] [<afd-mode>] [TABLE_afd <afd-key> [<afd-values>] [

<afd-size-units>] [<afd-queue-desired>] [<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 policy-map system [type { network-qos | qos [input2] | queuing [input | output] }] [__readonly__ { [<display-all>] [TABLE_xpmap <xpmap-name> [<desc>] [TABLE_xcmap <xcmap-name> [TABLE_xaction <xaction-key> [<cos-list>] [<qos-group-list>] [<protocol>] [<pause> <timeout> <size-in-bytes> <xoff-bytes> <xon-bytes>] [<pfc-cos-list>] [<pfc_rx_only>] [<cc>] [<thresh-units>] [<min-thresh>] [<max-thresh>] [<drop-prob>] [<iod>] [<mtu>] [<set-cos>] [<dpp>] [<dctcp-threshold>] [<queue-limit>] [<stat-en-dis-enum>]]]] [TABLE_pmap <pmap-key> <pmap-inner-outer> <in-or-out> <yqos-or-q> [<options>] <pmap-name> [<stat-status-enum>] [TABLE_cmap <cmap-key> [<xqos-or-q>] <match-opts> <cmap-name> [<slot-num>] [<class-pkts>] [<agg-forward>] [TABLE_match <match-key> [<not>] [<inner>] [<cos-list>] [<dscp-list>] [<exp-value-top>] [<protocol-name>] [<match-cmap-xqos-or-q>] [<match-cmap-opts>] [<match-cmap-name>]] [TABLE_action <action-key> [<set-inner>] [<cos>] [<qos-group>] [<serv-pol-type>] [<serv-pol-name>] [<serv-pol-return-inout>] [<rate-units>] [<shape-rate>] [<min-rate-type>] [<min-rate-units>] [<shape-min-rate>] [<max-rate-type>] [<max-rate-units>] [<shape-max-rate>] [<prio-level>] [<qlim-param-type>] [<qlim-param-val>] [<size-units>] [<qlim-size>] [<qlim-enum-spec>] [<bw-units>] [<bw-rate>] [<rem-bw-units>] [<rem-bw-rate>] [<rise-threshold-units>] [<fall-threshold-units>] [<rdet-agg>] [<rdet-mode>] [<rdet-burst-opt>] [<rdet-mesh-opt>] [TABLE_rdet <rdet-key> [<rdet-values>] [<rdet-min-thresh>] [<rdet-size-units>] [<rdet-max-thresh>] [<rdet-drop-prob>] [<rdet-weight>] [<rdet-cap-average>]] [<rdet-ecn>] [TABLE_afd <afd-key> [<afd-values>] [<afd-queue-desired>] [<afd-size-units>] [<afd-ecn>]] [<pause> <size-in-bytes> <xoff-bytes> <xon-bytes>]]]] }]

- NEW: show policy-map system [type { network-qos | qos [input2] | queuing [input | output] }] [__readonly__ { [<display-all>] [TABLE_xpmap <xpmap-name> [<desc>] [TABLE_xcmap <xcmap-name> [TABLE_xmatch <xmatch-key> [<xcos-list>] [<xqos-group-list>] [<xprotocol>]] [TABLE_xaction <xaction-key> [<cos-list>] [<qos-group-list>] [<protocol>] [<pause> <timeout> <size-in-bytes> <xoff-bytes> <xon-bytes>] [<pfc-cos-list>] [<pfc_rx_only>] [<cc>] [<thresh-units>] [<min-thresh>] [<max-thresh>] [<drop-prob>] [<iod>] [<mtu>] [<set-cos>] [<dpp>] [<dctcp-threshold>] [<queue-limit>] [<stat-en-dis-enum>]]]] [TABLE_pmap <pmap-key> <pmap-inner-outer> <in-or-out> <yqos-or-q> [<options>] <pmap-name> [<stat-status-enum>] [TABLE_cmap <cmap-key> [<xqos-or-q>] <match-opts> <cmap-name> [<slot-num>] [<class-pkts>] [<agg-forward>] [TABLE_match <match-key> [<not>] [<inner>] [<cos-list>] [<dscp-list>] [<exp-value-top>] [<protocol-name>] [<match-cmap-xqos-or-q>] [<match-cmap-opts>] [<match-cmap-name>]] [TABLE_action <action-key> [<set-inner>] [<cos>] [<qos-group>] [<serv-pol-type>] [<serv-pol-name>] [<serv-pol-return-inout>] [<rate-units>] [<shape-rate>] [<min-rate-type>] [<min-rate-units>] [<shape-min-rate>] [<max-rate-type>] [<max-rate-units>] [<shape-max-rate>] [<prio-level>] [<qlim-param-type>] [<qlim-param-val>] [<size-units>] [<qlim-size>] [<qlim-enum-spec>] [<bw-units>] [<bw-rate>] [<rem-bw-units>] [<rem-bw-rate>] [<rise-threshold-units>] [<fall-threshold-units>] [<rdet-agg>] [<rdet-mode>] [<rdet-burst-opt>] [<rdet-mesh-opt>] [TABLE_rdet <rdet-key> [<rdet-values>] [<rdet-min-thresh>] [<rdet-size-units>] [<rdet-max-thresh>] [<rdet-drop-prob>] [<rdet-weight>] [<rdet-cap-average>]] [<rdet-ecn>] [<afd-mode>] [TABLE_afd <afd-key> [<afd-values>] [<afd-size-units>] [<afd-queue-desired>] [<afd-ecn>]] [<pause> <size-in-bytes> <xoff-bytes> <xon-bytes>]]]] }]

- OLD: show policy-map type network-qos [<pmap-name-nq>] [__readonly__ { [<display-all>] [TABLE_xpmap <xpmap-name> [<desc>] [TABLE_xcmap <xcmap-name> [TABLE_action <action-key> [<cos-list>] [<qos-group-list>] [<protocol>] [<pause> <timeout> <size-in-bytes> <xoff-bytes> <xon-bytes>] [<pfc-cos-list>] [<pfc_rx_only>] [<cc>] [<thresh-units>] [<min-thresh>] [<max-thresh>] [<drop-prob>] [<iod>] [<mtu>] [<set-cos>] [<dpp>] [<dctcp-threshold>] [<queue-limit>]]]] }]

- NEW: show policy-map type network-qos [<pmap-name-nq>] [__readonly__ { [<display-all>] [TABLE_xpmap <xpmap-name> [<desc>] [TABLE_xcmap <xcmap-name> [TABLE_xmatch <xmatch-key> [<xcos-list>] [<xqos-group-list>] [<xprotocol>]] [TABLE_action <action-key> [<cos-list>] [<qos-group-list>] [<protocol>] [<pause> <timeout> <size-in-bytes> <xoff-bytes> <xon-bytes>] [<pfc-cos-list>] [<pfc_rx_only>] [<cc>] [<thresh-units>] [<min-thresh>] [<max-thresh>] [<drop-prob>] [<iod>] [<mtu>] [<set-cos>] [<dpp>] [<dctcp-threshold>] [<queue-limit>]]]] }]

- OLD: show port-channel load-balance { [module <module>] | { fex { all } } } [__readonly__ [<sys-cfg>] + <sys-cfg-sel> [{ <module-cfg> }] + <non-ip-val> <non-ip-sel> <ipv4-val> <ipv4-sel> [<ipv6-val>] [<ipv4-encap>] { TABLE_mod_configs [<mod-number>] <mod-non-ip-val> <mod-non-ip-sel> <mod-ipv4-val> <mod-ipv4-sel> [<mod-ipv4-encap>] }]

- NEW: show port-channel load-balance { [module <module>] | { fex { all } } } [__readonly__ [<sys-cfg>] + [<sys-cfg-sel>] [{ <module-cfg> }] + <non-ip-val> <non-ip-sel> <ipv4-val> <ipv4-sel> [<ipv6-val>] [<ipv4-encap>] { TABLE_mod_configs [<mod-number>] <mod-non-ip-val> <mod-non-ip-sel> <mod-ipv4-val> <mod-ipv4-sel> [<mod-ipv4-encap>] }]

- OLD: show ptp clock [__readonly__ <clock-id> <domain-id> <num-ports> <priority1> <priority2> <class> <accuracy> <scaled-log-variance> <offset-from-master> <mean-path-delay-to-master> <steps-removed> <device-type> <encap> <slave-clock-oper> <master-clock-oper> <src-ip> <slave-only> [<correction-threshold>] [<mean-path-delay-threshold>] [<gmTimeBaseIndicator>] [<last_gm_phase_change>] [<master_cum_scaled_rate_offset>] [<scaled_last_gm_freq_change>] [<cum_scaled_rate_offset>] <local-clock-time> <bs-status>]

- NEW: show ptp clock [__readonly__ <clock-id> <domain-id> <num-ports> <priority1> <priority2> <class> <accuracy> <scaled-log-variance> <offset-from-master> <mean-path-delay-to-master> <steps-removed> <device-type> <encap> <slave-clock-oper> <master-clock-oper> <src-ip> <slave-only> [<correction-threshold>] [<mean-path-delay-threshold>] [<gmTimeBaseIndicator>] [<last_gm_phase_change>] [<master_cum_scaled_rate_offset>] [<scaled_last_gm_freq_change>] [<cum_scaled_rate_offset>] <local-clock-time> [<bs-status>] <clock-state>]

- OLD: show queuing [interface [<if_list>]] [summary] [module <module>] [__readonly__ [TABLE_interface_mtu <intf_name> <mtu_val>] [TABLE_queuing_interface <dir> <if_name_str> [TABLE_qosgrp_cfg <qosgrp> [<bandwidth>] [<priority>] [<shape-min>] [<shape-max>] [<shape-units>] [<buffer-size>] [<pause-threshold>] [<resume-threshold>] [<q-limit>] [<q-limit-type>]] [<mc-drop-pkt>] [TABLE_qosgrp_egress_stats <eq-qosgrp> [TABLE_qosgrp_egress_stats_entry <eq-stat-type> <eq-stat-units> <eq-uc-stat-value> [<eq-oobfc-uc-stat-value>] [<eq-mc-stat-value>]]] [TABLE_egress_stats_entry <ep-stat-type> <ep-stat-units> <ep-stat-value>] [TABLE_ingress_stats_entry <ip-stat-type> <ip-stat-units> <ip-stat-value>] [<tx-ppp> <rx-ppp> [TABLE_pfc_stats <cos> [<pfc-qosgrp>] [<pfc-pg>] <tx-pause-state> <tx-pause-count> <rx-pause-state> <rx-pause-count>]]]]

- NEW: show queuing [interface [<if_list>]] [summary] [module <module>] [__readonly__ [TABLE_interface_mtu <intf_name> <mtu_val>] [TABLE_queuing_interface <dir> <if_name_str> [<mtu_val>] [TABLE_qosgrp_cfg <qosgrp> [<bandwidth>] [<priority>] [<shape-min>] [

<shape-max>] [<shape-units>] [<buffer-size>] [<pause-threshold>] [<resume-threshold>] [<q-limit>] [<q-limit-type>]] [<mc-drop-pkt>] [TABLE_qosgrp_egress_stats <eq-qosgrp> [TABLE_qosgrp_egress_stats_entry <eq-stat-type> <eq-stat-units> <eq-uc-stat-value> [<eq-oobfc-uc-stat-value>] [<eq-mc-stat-value>]]] [TABLE_egress_stats_entry <ep-stat-type> <ep-stat-units> <ep-stat-value>] [TABLE_ingress_stats_entry <ip-stat-type> <ip-stat-units> <ip-stat-value>] [<tx-ppp> <rx-ppp> [TABLE_pfc_stats <cos> [<pfc-qosgrp>] [<pfc-pg>] <tx-pause-state> <tx-pause-count> <rx-pause-state> <rx-pause-count>]]]]

- 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_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>]]

- 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>] [TABLE_queuing_counter <counter_name_str> [<qos_group_0>] [<qos_group_1>] [<qos_group_2>] [<qos_group_3>] [<qos_group_4>] [<qos_group_5>] [<qos_group_6>] [<qos_group_7>] [<qos_group_cpu>] [<qos_group_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 routing [ip | ipv4] [unicast] [topology <topology-name>] [l3vm-info] [rpf] [<ip-addr> | { <ip-prefix> [{ longer-prefixes | shorter-prefixes }] }] [{ <protocol> [all] } | { bind-label <bind-lbl> | next-hop <next-hop> | next-hop-v6 <next-hop-v6> } | { interface <interface> } | { updated { [since <stime>] [until <utime>] } }] + [summary [cached] | detail | summary-counter-consistency-check] [vrf { <vrf-name> | <vrf-known-name> | <vrf-all> }] [__readonly__ TABLE_vrf <vrf-name-out> TABLE_addrf <addrf> [TABLE_prefix <ipprefix> <ucast-nhops> <mcast-nhops> <attached> TABLE_path [<ipnexthop>] [<nexthop-vrf-name>] [<ifname>] [<bindlbl>] <uptime> <pref> <metric> <clientname> [<type>] [<tag>] [<stale>] [<unres>] [<hidden>] [<stale-label>] [<bgpbackuppath>] [<type2>] [<ubest>] [<mbest>] [<remote-sid>] [<src-ip>] [<sid-fct>]] [TABLE_summary <routes> <paths> [<multicast_paths>] [TABLE_unicast [<clientnameuni>] [<best-paths>] [<backup-paths>]] [TABLE_multicast [<clientnamemulti>] [<best-paths>] [<backup-paths>]] [TABLE_route_count [<mask_len>] [<count>]]]]

- NEW: show routing [ip | ipv4] [unicast] [topology <topology-name>] [l3vm-info] [rpf] [<ip-addr> | { <ip-prefix> [{ longer-prefixes | shorter-prefixes }] }] [{ <protocol> [all] } | { bind-label <bind-lbl> | next-hop <next-hop> | next-hop-v6 <next-hop-v6> } | { interface <interface> } | { updated { [since

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

- OLD: show routing [ip | ipv4] multicast sr [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__
  [TABLE_vrf <vrf-name> <mode> <mac-rewrite> [TABLE_route <interface> <in-group-range>
  <to-group-range> <group-mask> <in-source-range> <to-source-range> <source-mask>]]]

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

- OLD: show routing [ip | ipv4] multicast { { [bitfield] [detail] } | rp | { [<group>] summary [
  software-forwarded | rpf-failed] } | { summary [count | software-forwarded | rpf-failed] } | { { <source>
  <group> } | { <group> [<source>] | <group> shared-tree | <group> source-tree } | shared-tree | source-tree
  } { [flags] | [detail] | [summary [software-forwarded | rpf-failed] | bitfield] } } [vrf { <vrf-name> |
  <vrf-known-name> | all }] [__readonly__ TABLE_vrf <vrf-name> [<expry_timer>] [<route_count>
  ] [<star_g_cnt>] [<sg_cnt>] [<star_g_prfx_cnt>] [TABLE_route_summary [<total-num-routes>]
  [<star-g-route>] [<sg-route>] [<star-g-prfx>] [<group-count>] [<avg>] [<rem>] [<stats-pndg>
  ]] [TABLE_summary_source [<group_addr>] [<group_mask_len>] [<source_count>] [
  TABLE_one_sg [<source_addr>] [<packets>] [<bytes>] [<aps>] [<pps>] [<rate_buf>] [<oifs>
  ] [<software_fwd>] [<rpf-failed-pkts>] [<rpf-failed-bytes>]]] [TABLE_one_route <mcast-addrs>
  [<source_addrs> <group_addrs>] <pending> <bidir> <uptime> <mofrr> [TABLE_mpib [<mpib-name>
  ] [<oif-count>] [<stale-route>]] [<mdt-encap>] [<mdt-decap>] [<mdt-last-hop>] [
  <mdt-encap-index>] [<stats-pkts>] [<stats-bytes>] [<stats-rate-buf>] [<lisp-src-rloc>] [
  <translated-route-src>] [<translated-route-grp>] [<route-iif>] [<rpf-nbr>] [<mofrr-iif>] [<mofrr-nbr>
  ] <internal> [<oif-count>] <fabric-oif> <fabric-loser> [<num-vpc-svi-oifs>] [TABLE_oif [<oif-name>
  ] [<oif-uptime>] [TABLE_oif_mpib [<oif-mpib-name>] [<stale-oif>] [<omd-vpc-svi>] [
  <core-interest>] [<fabric-interest>]] <rpf>] [<route-mdt-iod>] [<oif-list-bitfield>] [TABLE_extranet
  [<extranet_vrf_name>] [<extranet_addr>] [<extranet_oif_count>]]]]

- NEW: show routing [ip | ipv4] multicast { { [bitfield] [detail] } | rp | { [<group>] summary [
  software-forwarded | rpf-failed] } | { summary [count | software-forwarded | rpf-failed] } | { { <source>
  <group> } | { <group> [<source>] | <group> shared-tree | <group> source-tree } | shared-tree | source-tree
  } { [flags] | [detail] | [summary [software-forwarded | rpf-failed] | bitfield] } } [vrf { <vrf-name> |
  <vrf-known-name> | all }] [__readonly__ TABLE_vrf <vrf-name> [<expry_timer>] [<route_count>
  ] [<star_g_cnt>] [<sg_cnt>] [<star_g_prfx_cnt>] [TABLE_route_summary [<total-num-routes>]
  [<star-g-route>] [<sg-route>] [<star-g-prfx>] [<group-count>] [<avg>] [<rem>] [<stats-pndg>
  ] [<sr-routes>] [<pre-routes>] [<post-routes>] [<ingress-routes>] [<egress-routes>]] [
  TABLE_summary_source [<group_addr>] [<group_mask_len>] [<source_count>] [TABLE_one_sg
  [<sgroup_addr>] [<source_addr>] [<packets>] [<bytes>] [<aps>] [<pps>] [<rate_buf>] [<oifs>
  ] [<sr_type>] [<software_fwd>] [<rpf-failed-pkts>] [<rpf-failed-bytes>]]] [TABLE_one_route
  <mcast-addrs> [<source_addrs> <group_addrs>] <pending> <bidir> <uptime> <mofrr> [TABLE_mpib
  [<mpib-name>] [<oif-count>] [<stale-route>]] [<mdt-encap>] [<mdt-decap>] [<mdt-last-hop>
  ] [<mdt-encap-index>] [<stats-pkts>] [<stats-bytes>] [<stats-rate-buf>] [<lisp-src-rloc>] [

<nat-mode>] [<nat-route-type>] [<route-iif>] [<rpf-nbr>] [<mofrr-iif>] [<mofrr-nbr>] <internal> [<oif-count>] <fabric-oif> <fabric-loser> [<num-vpc-svi-oifs>] [TABLE_oif [<oif-name>] [<oif-uptime>] [TABLE_oif_mpib [<oif-mpib-name>] [<stale-oif>] [<omd-vpc-svi>] [<core-interest>] [<fabric-interest>]] <rpf>] [<route-mdt-iod>] [<oif-list-bitfield>] [<sr-count>] [TABLE_sr [<translated-route-src>] [<translated-route-grp>] [<udp-src-port>] [<udp-dst-port>] [<sr-oif>]] [TABLE_extranet [<extranet_vrf_name>] [<extranet_addr>] [<extranet_oif_count>]]]]

- OLD: show routing ipv6 [unicast] [internal] event-history { statistics | msgs | am | cli | detail | dme | errors | general | ha | lfe | recursive-next-hop | summary | ufdm | ufdm-detail | ufdm-summary | sidmgr }

- NEW: show routing ipv6 [unicast] [internal] event-history { statistics | msgs | am | cli | detail | dme | errors | general | ha | lfe | recursive-next-hop | summary | ufdm | ufdm-detail | ufdm-summary | cc | sidmgr }

- OLD: show routing ipv6 [unicast] [topology <topology-name>] [l3vm-info] [rpf] [<ipv6-addr> | { <ipv6-prefix> [{ longer-prefixes | shorter-prefixes }] }] [{ <ipv6-protocol> [all] } | { bind-label <bind-lbl> | next-hop <next-hop> } | { interface <interface> } | { updated { [since <stime>] [until <utime>] } }] + [summary [cached] | summary-counter-consistency-check | { [detail] [deleted] }] [vrf { <vrf-name> | <vrf-known-name> | <vrf-all> }] [__readonly__ TABLE_vrf <vrf-name-out> TABLE_addrf <addrf> [TABLE_prefix <ipprefix> <ucast-nhops> <mcast-nhops> [<attached>] TABLE_path [<ubest>] [<mbest>] [<ipnexthop>] [<nexthop-vrf-name>] [<ifname>] [<bindlbl>] [<srv6-funct>] <uptime> <pref> <metric> <clientname> [<type>] [<tag>] [<stale>] [<stalelbl>] [<hidden>] [<remote-sid>] [<src-ip>] [<sid-fct>]] [TABLE_summary <routes> <paths> [<multicast_paths>] [TABLE_unicast [<clientnameuni>] [<best-paths>] [<backup-paths>]] [TABLE_multicast [<clientnamemulti>] [<best-paths>] [<backup-paths>]] [TABLE_route_count [<mask_len>] [<count>]]]]

- NEW: show routing ipv6 [unicast] [topology <topology-name>] [l3vm-info] [rpf] [<ipv6-addr> | { <ipv6-prefix> [{ longer-prefixes | shorter-prefixes }] }] [{ <ipv6-protocol> [all] } | { bind-label <bind-lbl> | next-hop <next-hop> } | { interface <interface> } | { updated { [since <stime>] [until <utime>] } }] + [summary [cached] | summary-counter-consistency-check | { [detail] [deleted] }] [vrf { <vrf-name> | <vrf-known-name> | <vrf-all> }] [__readonly__ TABLE_vrf <vrf-name-out> TABLE_addrf <addrf> [TABLE_prefix <ipprefix> <ucast-nhops> <mcast-nhops> [<attached>] TABLE_path [<ubest>] [<mbest>] [<ipnexthop>] [<nexthop-vrf-name>] [<ifname>] [<bindlbl>] [<srv6-funct>] <uptime> <pref> <metric> <clientname> [<type>] [<tag>] [<stale>] [<stalelbl>] [<hidden>] [<remote-sid>] [<src-ip>] [<sid-fct>] [<bsid>]] [TABLE_summary <routes> <paths> [<multicast_paths>] [TABLE_unicast [<clientnameuni>] [<best-paths>] [<backup-paths>]] [TABLE_multicast [<clientnamemulti>] [<best-paths>] [<backup-paths>]] [TABLE_route_count [<mask_len>] [<count>]]]]

- OLD: show routing ipv6 multicast [internal] event-history { errors | msgs | <mrib-event-hist-buf-name> | statistics }

- NEW: show routing ipv6 multicast [internal] event-history { errors | msgs | rib | rib-summary | mfdm-debugs | mfdm-events | mfdm-stats | vrf | mdt | nbm | cli | notify-clients | pim-library | urib-debugs | objstore-events | objstore-error | mofrr }

- OLD: show routing ipv6 multicast sr [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ [TABLE_vrf <vrf-name> <mode> <mac-rewrite> [TABLE_route <interface> <in-group-range> <to-group-range> <group-mask> <in-source-range> <to-source-range> <source-mask>]]]

- NEW: show routing ipv6 multicast sr [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ [TABLE_vrf <vrf-name> <mode> <mac-rewrite> [TABLE_route <in-group-range> <to-group-range>

<group-mask> <in-source-range> <to-source-range> <source-mask> <udp-src-port> <udp-dest-port> <static-oif>]]]

- OLD: show routing ipv6 multicast { { [bitfield] [detail] } | rp | { [<group>] summary [software-forwarded | rpf-failed] } | { summary [count | software-forwarded | rpf-failed] } | { { <source> <group> } | { <group> [<source>] | <group> shared-tree | <group> source-tree } | shared-tree | source-tree } { [flags] | [detail] | [summary [software-forwarded | rpf-failed] | bitfield] } } [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_vrf <vrf-name> [<expry_timer>] [<route_count>] [<star_g_cnt>] [<sg_cnt>] [<star_g_prfx_cnt>] [TABLE_route_summary [<total-num-routes>]] [<star-g-route>] [<sg-route>] [<star-g-prfx>] [<group-count>] [<avg>] [<rem>] [<stats-pndg>]] [TABLE_summary_source [<group_addr>] [<group_mask_len>] [<source_count>] [TABLE_one_sg [<source_addr>] [<packets>] [<bytes>] [<aps>] [<pps>] [<rate_buf>] [<oifs>] [<software_fwd>] [<rpf-failed-pkts>] [<rpf-failed-bytes>]]] [TABLE_one_route <mcast-addrs> [<source_addrs> <group_addrs>] <pending> <bidir> <uptime> <mofrr> [TABLE_mpib [<mpib-name>] [<oif-count>] [<stale-route>]] [<mdt-encap-index>] [<stats-pkts>] [<stats-bytes>] [<stats-rate-buf>] [<lisp-src-rloc>] [<translated-route-src>] [<translated-route-grp>] [<route-iif>] [<rpf-nbr>] [<mofrr-iif>] [<mofrr-nbr>] <internal> [<oif-count>] <fabric-oif> <fabric-loser> [<num-vpc-svi-oifs>] [TABLE_oif [<oif-name>] [<oif-uptime>] [TABLE_oif_mpib [<oif-mpib-name>] [<stale-oif>] [<omd-vpc-svi>] [<core-interest>] [<fabric-interest>]] <rpf>] [<route-mdt-iod>] [<oif-list-bitfield>] [TABLE_extranet [<extranet_vrf_name>] [<extranet_addr>] [<extranet_oif_count>]]]]

- NEW: show routing ipv6 multicast { { [bitfield] [detail] } | rp | { [<group>] summary [software-forwarded | rpf-failed] } | { summary [count | software-forwarded | rpf-failed] } | { { <source> <group> } | { <group> [<source>] | <group> shared-tree | <group> source-tree } | shared-tree | source-tree } { [flags] | [detail] | [summary [software-forwarded | rpf-failed] | bitfield] } } [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_vrf <vrf-name> [<expry_timer>] [<route_count>] [<star_g_cnt>] [<sg_cnt>] [<star_g_prfx_cnt>] [TABLE_route_summary [<total-num-routes>]] [<star-g-route>] [<sg-route>] [<star-g-prfx>] [<group-count>] [<avg>] [<rem>] [<stats-pndg>]] [TABLE_summary_source [<group_addr>] [<group_mask_len>] [<source_count>] [TABLE_one_sg [<source_addr>] [<packets>] [<bytes>] [<aps>] [<pps>] [<rate_buf>] [<oifs>] [<software_fwd>] [<rpf-failed-pkts>] [<rpf-failed-bytes>]]] [TABLE_one_route <mcast-addrs> [<source_addrs> <group_addrs>] <pending> <bidir> <uptime> <mofrr> [TABLE_mpib [<mpib-name>] [<oif-count>] [<stale-route>]] [<mdt-encap-index>] [<stats-pkts>] [<stats-bytes>] [<stats-rate-buf>] [<lisp-src-rloc>] [<nat-mode>] [<nat-route-type>] [<route-iif>] [<rpf-nbr>] [<mofrr-iif>] [<mofrr-nbr>] <internal> [<oif-count>] <fabric-oif> <fabric-loser> [<num-vpc-svi-oifs>] [TABLE_oif [<oif-name>] [<oif-uptime>] [TABLE_oif_mpib [<oif-mpib-name>] [<stale-oif>] [<omd-vpc-svi>] [<core-interest>] [<fabric-interest>]] <rpf>] [<route-mdt-iod>] [<oif-list-bitfield>] [<sr-count>] [TABLE_sr [<translated-route-src>] [<translated-route-grp>] [<udp-src-port>] [<udp-dst-port>] [<sr-oif>]] [TABLE_extranet [<extranet_vrf_name>] [<extranet_addr>] [<extranet_oif_count>]]]]

- OLD: show sflow [__readonly__ <sampling-rate> <max-sampled-size> <counter-poll-interval> <max-datagram-size> <collector-vrf> <collector-ip> [<source-ip>] <collector-port> <agent-ip> [<data-source-interface>]]

- NEW: show sflow [__readonly__ <sampling-rate> <max-sampled-size> <counter-poll-interval> <max-datagram-size> <collector-vrf> <collector-ip> [<source-ip>] <collector-port> <agent-ip> [<data-source-interface> +]]

- OLD: show sockets statistics [all | tcp | tcp6 | tcpsum | udp | udp6 | udpsum | raw | raw6 | rawsum] [__readonly__ [{ TABLE_stat [<rx-total>] [<rx-bad-csum>] [<rx-bad-offset>] [<rx-too-short>] [

<rx-bad-md5>] [<rx-inseq-pack>] [<rx-inseq-bytes>] [<rx-dup-pack>] [<rx-dup-bytes>] [
<rx-partdup-pack>] [<rx-partdup-bytes>] [<rx-oo-pack>] [<rx-oo-bytes>] [<rx-oo-drop-cnt>] [
<rx-afterwin-pack>] [<rx-afterwin-bytes>] [<rx-afterclose-pack>] [<rx-winprobe-pack>] [
<rx-winupdate-pack>] [<rx-dupack-pack>] [<rx-dupack-unsent-pack>] [<rx-ack-pack>] [
<rx-ack-bytes>] [<rx-rcv-memdrop>] [<rx-dig-mssing>] [<rx-dig-unexpected>] [<rx-dig-notused>
] [<rx-dig-valid>] [<rx-dig-invalid>] [<rx-get-passwd-fail>] [<rx-md5-mbuf-exded>] [
<rx-uspec-src-recv>] [<rx-pkt-too-short>] [<rx-sin-finest>] [<rx-black-hole-syn>] [<rx-black-hole>
] [<rx-drop-no-inpcb>] [<rx-drop-notcpcb>] [<rx-drp-sock-closed>] [<rx-syn-with-rst>] [
<rx-syn-drop>] [<rx-bandlim>] [<rx-forged-pkt>] [<rx-drp-mbcast>] [<rx-drp-syn-add>] [
<rx-drp-syn-recvd>] [<rx-drp-cc-sent>] [<rx-drp-rst-ccsent>] [<rx-frecv-enqueue>] [
<rx-frecv-enqueue-fail>] [<rx-ftcp-cant-rcv-more>] [<rx-ftcp-data-ack-toapp-fail>] [
<rx-ftcp-data-ack-toapp>] [<tx-total>] [<tx-urg>] [<tx-ctrl>] [<tx-data-pack>] [<tx-data-bytes>]
[<tx-reasm-pack>] [<tx-reasm-bytes>] [<tx-ackonly-pack>] [<tx-winprobe-pack>] [
<tx-winupdate-bytes>] [<tx-encrypt>] [<tx-unencrypt>] [<tx-md5rst>] [<tx-conn-init>] [
<tx-conn-accepted>] [<tx-conn-estd>] [<closed>] [<dropped>] [<emb-dropped>] [<tx-rxmt-timeout>
] [<tx-rxmt-timeout-dropped>] [<tx-ka-timeout>] [<tx-ka-probe>] [<tx-ka-drop>] [<gen-seg-timed>
] [<gen-rtt-updated>] [<gen-delack>] [<gen-persist-timeout>] [<gen-paws-drop>] [<gen-predack>
] [<gen-preddat>] [<gen-pcb-cachemiss>] [<gen-cache-drtt>] [<gen-cache-drttvar>] [
<gen-cached-ssthresh>] [<gen-usedrtt>] [<gen-usedrttvar>] [<gen-usedssthresh>] [<gen-persistdrop>
] [<gen-badsyn>] [<gen-mturesent>] [<gen-list-endrop>] [<gen-rpm-bind-synsock>] [
<gen-rpm-bindsynadd>] [<gen-rpm-bindlookup>] [<gen-rpm-bindsetsock>] [
<gen-rpm-unbind-getpass>] [<gen-rpm-unbinduser1>] [<gen-rpm-unbinduser2>] [
<gen-rpm-unbindrollover>] [<gen-rpm-unbind-synfree>] [<gen-rpm-unbind-tpfree>] [<syn-sc-added>
] [<syn-retransmitted>] [<syn-dupsyn>] [<syn-dropped>] [<syn-completed>] [<syn-bucket-overflow>
] [<syn-cache-overflow>] [<syn-sc-reset>] [<syn-sc-stale>] [<syn-sc-aborted>] [<syn-sc-badack>
] [<syn-sc-unreach>] [<syn-sc-zonefail>] [<syn-sc-sendcookie>] [<syn-sc-recvcookie>] [
<syn-sc-crosshits>] [<syn-sc-supsyncrosshits>] [<syn-sc-removecrosshits>] [<udp-rx-total>] [
<udp-rx-bad-csum>] [<udp-rx-no-csum>] [<udp-rx-too-short>] [<udp-rx-bad-len>] [<udp-rx-no-port>
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<inpcb-tot-disconnect>] [<inpcb-tot-detach>] [<inpcb-tot-detach-noinc>] [<inpcb-tot-detach-rort>
] [<inpcb-tot-rtfree>] [<inpcb-tot-setsock-addr>] [<inpcb-tot-setpeeraddr>] [<inpcb-tot-notify>] [
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<inpcb-tot-inshash-ipv6>] [<inpcb-tot-brehash-ipv4>] [<inpcb-tot-brehash-ipv6>] [
<inpcb-tot-bremhash>] [<inpcb-err-allocnomem>] [<inpcb-err-bindeinavl>] [<inpcb-err-eaddrinuse>
] [<inpcb-err-eagain>] [<inpcb-err-eagain2>] [<inpcb-err-eaddrnotavail>] [<inpcb-err-eafnosupport>
] [<inpcb-err-enomem>] [<inpcb-err-ehostunreach>] [<inpcb-err-laddr-enxio>] [
<inpcb-err-laddr-ehostunreach2>] [<inpcb-err-connectladdr>] [<inpcb-err-connect-eaddrinuse>] [
<inpcb-err-connbind>] [<inpcb-err-sockaddrenomem>] [<inpcb-err-sockaddreconnreset>] [
<inpcb-err-peeraddr-enomem>] [<inpcb-err-econnrest>] [<inpcb-err-respond-enobufs>] [
<inpcb-err-binshash-enobufs>] [<in6pcb-tot-setport>] [<in6pcb-tot-bind>] [<in6pcb-tot-laddr>] [
<in6pcb-tot-connect>] [<in6pcb-tot-disconnect>] [<in6pcb-tot-detach>] [<in6pcb-tot-sockaddr>] [
<in6pcb-tot-peeraddr>] [<in6pcb-tot-notify>] [<in6pcb-tot-lookuplocal>] [
<in6pcb-tot-hashnpacl-deny>] [<in6pcb-err-setporteagain>] [<in6pcb-err-setporteagain2>] [
<in6pcb-err-seteagain3>] [<in6pcb-bind-eafnosupport>] [<in6pcb-err-bindeaddrinuse>] [
<in6pcb-err-bindeaddrinuse2>] [<in6pcb-err-bindeaddrinuse3>] [<in6pcb-err-bindeaddrinuse4>] [
<in6pcb-err-bindsetport>] [<in6pcb-err-bindeagain>] [<in6pcb-err-laddr-eafnosupport>] [
<in6pcb-err-eaddrnotavail>] [<in6pcb-err-laddr-enomem>] [<in6pcb-err-laddr-ehostreach>] [
<in6pcb-err-laddr-ehostunreach2>] [<in6pcb-err-laddr-ehostunreach3>] [
<in6pcb-err-laddr-ehostunreach4>] [<in6pcb-err-laddr-enxio>] [<in6pcb-err-connladdr>] [

<in6pcb-err-conneaddrinuse>] [<in6pcb-err-connbind>] [<in6pcb-err-sockaddr-enomem>] [<in6pcb-err-v4maps-enomem>] [<in6pcb-err-setsock-noinp>] [<in6pcb-err-setpeer-noinp>] [<in6pcb-err-sockaddr-noinp>] [<in6pcb-err-peeraddr-noinp>] [<in6pcb-err-notify-einavl>] [<in6pcb-err-ctloutput-nosoopt>] }]]

- NEW: show sockets statistics [all | tcp | tcp6 | tcpsum | udp | udp6 | udpsum | raw | raw6 | rawsum] [__readonly__ [{ TABLE_stat [<rx-total>] [<rx-bad-csum>] [<rx-bad-offset>] [<rx-too-short>] [<rx-bad-md5>] [<rx-inseq-pack>] [<rx-inseq-bytes>] [<rx-dup-pack>] [<rx-dup-bytes>] [<rx-partdup-pack>] [<rx-partdup-bytes>] [<rx-oo-pack>] [<rx-oo-bytes>] [<rx-oo-drop-cnt>] [<rx-afterwin-pack>] [<rx-afterwin-bytes>] [<rx-afterclose-pack>] [<rx-winprobe-pack>] [<rx-winupdate-pack>] [<rx-dupack-pack>] [<rx-dupack-unsent-pack>] [<rx-ack-pack>] [<rx-ack-bytes>] [<rx-rcv-memdrop>] [<rx-dig-mssing>] [<rx-dig-unexpected>] [<rx-dig-notused>] [<rx-dig-valid>] [<rx-dig-invalid>] [<rx-get-passwd-fail>] [<rx-md5-mbuf-exded>] [<rx-uspec-src-recv>] [<rx-pkt-too-short>] [<rx-sin-finest>] [<rx-black-hole-syn>] [<rx-black-hole>] [<rx-drop-no-inpcb>] [<rx-drop-notcpcb>] [<rx-drp-sock-closed>] [<rx-syn-with-rst>] [<rx-syn-drop>] [<rx-bandlim>] [<rx-forged-pkt>] [<rx-drp-mbcast>] [<rx-drp-syn-add>] [<rx-drp-syn-recvd>] [<rx-drp-cc-sent>] [<rx-drp-rst-ccsent>] [<rx-frecv-enqueue>] [<rx-frecv-enqueue-fail>] [<rx-ftcp-cant-rcv-more>] [<rx-ftcp-data-ack-toapp-fail>] [<rx-ftcp-data-ack-toapp>] [<tx-total>] [<tx-urg>] [<tx-ctrl>] [<tx-data-pack>] [<tx-data-bytes>] [<tx-reasm-pack>] [<tx-reasm-bytes>] [<tx-ackonly-pack>] [<tx-winprobe-pack>] [<tx-winupdate-bytes>] [<tx-encrypt>] [<tx-unencrypt>] [<tx-md5rst>] [<tx-conn-init>] [<tx-conn-accepted>] [<tx-conn-estd>] [<closed>] [<dropped>] [<emb-dropped>] [<tx-rxmt-timeout>] [<tx-rxmt-timeout-dropped>] [<tx-ka-timeout>] [<tx-ka-probe>] [<tx-ka-drop>] [<gen-seg-timed>] [<gen-rtt-updated>] [<gen-delack>] [<gen-persist-timeout>] [<gen-paws-drop>] [<gen-predack>] [<gen-preddat>] [<gen-pcb-cachemiss>] [<gen-cache-drtt>] [<gen-cache-drttvar>] [<gen-cached-ssthresh>] [<gen-usedrtt>] [<gen-usedrttvar>] [<gen-usedssthresh>] [<gen-persistdrop>] [<gen-badsyn>] [<gen-mturesent>] [<gen-list-endrop>] [<gen-rpm-bind-synsock>] [<gen-rpm-bindsynadd>] [<gen-rpm-bindlookup>] [<gen-rpm-bindsetsock>] [<gen-rpm-unbind-getpass>] [<gen-rpm-unbinduser1>] [<gen-rpm-unbinduser2>] [<gen-rpm-unbindrollover>] [<gen-rpm-unbind-synfree>] [<gen-rpm-unbind-tpfree>] [<syn-sc-added>] [<syn-retransmitted>] [<syn-dupsyn>] [<syn-dropped>] [<syn-completed>] [<syn-bucket-overflow>] [<syn-cache-overflow>] [<syn-sc-reset>] [<syn-sc-stale>] [<syn-sc-aborted>] [<syn-sc-badack>] [<syn-sc-unreach>] [<syn-sc-zonefail>] [<syn-sc-sendcookie>] [<syn-sc-recvcookie>] [<syn-sc-crosshits>] [<syn-sc-supsyncrosshits>] [<syn-sc-removecrosshits>] [<udp-rx-version>] [<udp-rx-total>] [<udp-rx-bad-csum>] [<udp-rx-no-csum>] [<udp-rx-too-short>] [<udp-rx-bad-len>] [<udp-rx-no-port>] [<udp-rx-no-port-bcast>] [<udp-rx-no-port-mcast>] [<udp-rx-full-socket-drop>] [<udp-tx-total>] [<raw-rx-version>] [<raw-rx-rcvd>] [<raw-rx-no-port>] [<raw-rx-full-socket-drop>] [<raw-tx-sent>] [<inpcb-tot-alloc>] [<inpcb-tot-bind>] [<inpcb-tot-laddr>] [<inpcb-tot-connect>] [<inpcb-tot-disconnect>] [<inpcb-tot-detach>] [<inpcb-tot-detach-noinc>] [<inpcb-tot-detach-rort>] [<inpcb-tot-rtfree>] [<inpcb-tot-setsock-addr>] [<inpcb-tot-setpeeraddr>] [<inpcb-tot-notify>] [<inpcb-tot-lookup-npacl-deny>] [<inpcb-tot-lookup-npacl-allow>] [<inpcb-tot-inshash-ipv4>] [<inpcb-tot-inshash-ipv6>] [<inpcb-tot-brehash-ipv4>] [<inpcb-tot-brehash-ipv6>] [<inpcb-tot-bremhash>] [<inpcb-err-allocnomem>] [<inpcb-err-bindeinavl>] [<inpcb-err-eaddrinuse>] [<inpcb-err-eagain>] [<inpcb-err-eagain2>] [<inpcb-err-eaddrnotavail>] [<inpcb-err-eafnosupport>] [<inpcb-err-enomem>] [<inpcb-err-ehostunreach>] [<inpcb-err-laddr-enxio>] [<inpcb-err-laddr-ehostunreach2>] [<inpcb-err-connectladdr>] [<inpcb-err-connect-eaddrinuse>] [<inpcb-err-connbind>] [<inpcb-err-sockaddrenomem>] [<inpcb-err-sockaddreconnreset>] [<inpcb-err-peeraddr-enomem>] [<inpcb-err-econnrest>] [<inpcb-err-respond-enobufs>] [<inpcb-err-binshash-enobufs>] [<in6pcb-tot-setport>] [<in6pcb-tot-bind>] [<in6pcb-tot-laddr>] [<in6pcb-tot-connect>] [<in6pcb-tot-disconnect>] [<in6pcb-tot-detach>] [<in6pcb-tot-sockaddr>] [<in6pcb-tot-peeraddr>] [<in6pcb-tot-notify>] [<in6pcb-tot-lookuplocal>] [<in6pcb-tot-hashnpacl-deny>] [<in6pcb-err-setporteagain>] [<in6pcb-err-setporteagain2>] [

<in6pcb-err-seteagain3>] [<in6pcb-bind-eafnosupport>] [<in6pcb-err-bindeaddrinuse>] [
<in6pcb-err-bindeaddrinuse2>] [<in6pcb-err-bindeaddrinuse3>] [<in6pcb-err-bindeaddrinuse4>] [
<in6pcb-err-bindsetport>] [<in6pcb-err-bindeagain>] [<in6pcb-err-laddr-eafnosupport>] [
<in6pcb-err-eaddrnotavail>] [<in6pcb-err-laddr-enomem>] [<in6pcb-err-laddr-ehostreach>] [
<in6pcb-err-laddr-ehostunreach2>] [<in6pcb-err-laddr-ehostunreach3>] [
<in6pcb-err-laddr-ehostunreach4>] [<in6pcb-err-laddr-enxio>] [<in6pcb-err-connladdr>] [
<in6pcb-err-conneaddrinuse>] [<in6pcb-err-connbind>] [<in6pcb-err-sockaddr-enomem>] [
<in6pcb-err-v4maps-enomem>] [<in6pcb-err-setsock-noinp>] [<in6pcb-err-setpeer-noinp>] [
<in6pcb-err-sockaddr-noinp>] [<in6pcb-err-peeraddr-noinp>] [<in6pcb-err-notify-einavl>] [
<in6pcb-err-ctloutput-nosoopt>] }]]

- OLD: show srte policy [{ <policy_name_val> } | { color <color_val> endpoint <end_point_val> } | {
  policy-id <policy_id_val> }] [holddown] [detail] [__readonly__ [TABLE_policy <policy_name>
  <source> <end_point> <state> <col> <binding_label> <policy_id> [<flags>] [<holddown_time>] [
  TABLE_pref <pref> [TABLE_paths { <exp_path_name> | <deleg_pce_addr> } [TABLE_index <index>
  <label>]]]]]

- NEW: show srte policy [{ <policy_name_val> } | { color <color_val> endpoint { <end_point_val> |
  <ipv6-addr> } } | { policy-id <policy_id_val> }] [holddown] [detail] [__readonly__ [TABLE_policy
  <policy_name> [<source>] <end_point> <state> <col> { <binding_label> | <binding_sid> } <policy_id>
  [<flags>] [<holddown_time>] [TABLE_pref <pref> [TABLE_paths { <exp_path_name> |
  <deleg_pce_addr> } [TABLE_index <index> <label>]]]]]

- OLD: show srte policy fh [__readonly__ [TABLE_fh [<label> <type> <state>] [TABLE_index [
  <index> <ip_addr> <mask_len>]]]]

- NEW: show srte policy fh [__readonly__ [TABLE_fh [{ <label> | <srv6sid> } <type> <state>] [
  TABLE_index [<index> <ip_addr> <mask_len>]]]]

- OLD: show srv6 sid [<ipv6-addr>] [detail] [__readonly__ [TABLE_loc <sidlocname> [{ TABLE_sid
  <sidaddr> <sidfunct> <sidctx> <sidowner> <sidstate> <sidrewrite> [det-ctx] [loc-name] [alloc-type
  ] [created] [modified] }]]]

- NEW: show srv6 sid [<ipv6-addr>] [detail] [__readonly__ [TABLE_loc <sidlocname> [{ TABLE_sid
  <sidaddr> <sidfunct> <sidctx> <sidowner> <sidstate> <sidrewrite> [det-ctx] [loc-name] [alloc-type
  ] [sidmgr-addsidrte] [created] [modified] }]]]

- OLD: show system resources [__readonly__ { [<load_avg_1min>] [<load_avg_5min>] [
  <load_avg_15min>] [<processes_total>] [<processes_running>] [<cpu_state_user>] [
  <cpu_state_kernel>] [<cpu_state_idle>] [TABLE_cpu_usage <cpuid> <user> <kernel> <idle>] [
  <memory_usage_total>] [<memory_usage_used>] [<memory_usage_free>] [<current_memory_status>
  ] }]

- NEW: show system resources [__readonly__ { [<load_avg_1min>] [<load_avg_5min>] [
  <load_avg_15min>] [<processes_total>] [<processes_running>] [<cpu_state_user>] [
  <cpu_state_kernel>] [<cpu_state_idle>] [TABLE_cpu_usage <cpuid> <user> <kernel> <idle>] [
  <memory_usage_total>] [<memory_usage_used>] [<memory_usage_free>] [<vm_total>] [<vm_free>
  ] [<mem_buffers>] [<mem_cached>] [<current_memory_status>] }]

- OLD: show tech-support [time-optimized] [forced]

- NEW: show tech-support [time-optimized] [forced] [debug-enable]

- OLD: show tech-support usd-all

- NEW: show tech-support usd-all [time-optimized]

- OLD: show telemetry control { database [subscriptions | destination-groups | destinations | [{ [sensor-paths | sensor-groups] [detail] }]] | stats } [__readonly__ [<subscription_db_size>] [{ TABLE_subscriptions <subscription_id> <data_collector_type> }] [<sensor_grp_db_size>] [{ TABLE_sensor_grp <snsr_grp_row_idx> <snsr_grp_id> <snsr_grp_type> <snsr_grp_collector_type> <snsr_grp_timer_interval> <snsr_grp_timer_status> <snsr_grp_sub_count> <snsr_grp_sub_id> <snsr_grp_dc_cur_time> <snsr_grp_dc_min_time> <snsr_grp_dc_max_time> <snsr_grp_enc_cur_time> <snsr_grp_enc_min_time> <snsr_grp_enc_max_time> <snsr_grp_trans_cur_time> <snsr_grp_trans_min_time> <snsr_grp_trans_max_time> <snsr_grp_stream_cur_time> <snsr_grp_stream_min_time> <snsr_grp_stream_max_time> <snsr_grp_stream_col_id_drop> <snsr_grp_stream_last_col_id_drop> <snsr_grp_stream_col_drop> }] [<sensor_path_db_size>] [{ TABLE_sensor_path <path_row_idx> <path_subscribed> <path_group_count> <path_secondary_group_count> <path_level> <path_name> <path_grp_id> <path_query_condition> <path_filter_condition> <path_gpb_cur_enc_size> <path_gpb_min_enc_size> <path_gpb_max_enc_size> <path_json_cur_enc_size> <path_json_min_enc_size> <path_json_max_enc_size> <path_cgpb_cur_enc_size> <path_cgpb_min_enc_size> <path_cgpb_max_enc_size> <path_dc_cur_time> <path_dc_min_time> <path_dc_max_time> <path_enc_cur_time> <path_enc_min_time> <path_enc_max_time> <path_trans_cur_time> <path_trans_min_time> <path_trans_max_time> <path_stream_cur_time> <path_stream_min_time> <path_stream_max_time> }] [<destination_group_db_size>] [{ TABLE_destination_group <destination_group_id> <destination_group_refcount> <destination_group_use_vrf> }] [<destination_db_size>] [{ TABLE_destinations <destination_ip> <destination_port> <destination_encoding> <destination_transport> <destination_refcount> }] [db_statistics <chunk_alloc_fail> <sensor_path_chunk_create_fail> <sensor_group_chunk_create_fail> <destination_chunk_create_fail> <destination_group_chunk_create_fail> <subscription_chunk_create_fail> <sensor_path_db_create_fail> <sensor_group_db_create_fail> <destination_db_create_fail> <destination_group_db_create_fail> <subscription_db_create_fail> <sensor_path_db_insert_fail> <sensor_group_db_insert_fail> <destination_db_insert_fail> <destination_group_db_insert_fail> <subscription_db_insert_fail> <sensor_path_db_delete_fail> <sensor_group_db_delete_fail> <destination_db_delete_fail> <destination_group_db_delete_fail> <subscription_db_delete_fail> <sensor_path_delete_in_use> <sensor_group_delete_in_use> <destination_delete_in_use> <destination_group_delete_in_use> <delete_destination_in_use_fail> <sensor_path_sensor_group_list_create_fail> <sensor_path_prop_list_create_fail> <sensor_path_secondary_sensor_path_list_create_fail> <sensor_path_secondary_sensor_group_list_create_fail> <sensor_group_sensor_path_list_create_fail> <sensor_group_subscription_list_create_fail> <destination_group_subscription_list_create_fail> <destination_group_destination_list_create_fail> <destination_destination_group_list_create_fail> <subscription_sensor_group_list_create_fail> <subscription_destination_group_list_create_fail> <sensor_group_sensor_path_list_delete_fail> <sensor_group_subscription_list_delete_fail> <sensor_group_subscription_unsupported_data_source_fail> <destination_group_subscription_list_delete_fail> <destination_group_destination_list_delete_fail> <subscription_sensor_group_list_delete_fail> <subscription_destination_group_list_delete_fail> <destination_destination_group_list_delete_fail> <destination_delete_from_destination_group_fail> <destination_group_delete_from_subscription_fail> <sensor_group_delete_from_subscription_fail> <sensor_path_delete_from_sensor_group_fail> <get_encode_cb_fail> <get_transport_cb_fail>]]

- NEW: show telemetry control { database [subscriptions | destination-groups | destinations | [{ [sensor-paths | sensor-groups] [detail] }]] | stats } [__readonly__ [<subscription_db_size>] [{ TABLE_subscriptions <subscription_id> <data_collector_type> }] [<sensor_grp_db_size>] [{ TABLE_sensor_grp <snsr_grp_row_idx> <snsr_grp_id> <snsr_grp_type> <snsr_grp_collector_type>

<snsr_grp_timer_interval> <snsr_grp_timer_status> <snsr_grp_sub_count> <snsr_grp_sub_id>
<snsr_grp_dc_cur_time> <snsr_grp_dc_min_time> <snsr_grp_dc_max_time> <snsr_grp_enc_cur_time>
<snsr_grp_enc_min_time> <snsr_grp_enc_max_time> <snsr_grp_trans_cur_time>
<snsr_grp_trans_min_time> <snsr_grp_trans_max_time> <snsr_grp_stream_cur_time>
<snsr_grp_stream_min_time> <snsr_grp_stream_max_time> <snsr_grp_stream_col_id_drop>
<snsr_grp_stream_last_col_id_drop> <snsr_grp_stream_col_drop> }] [<sensor_path_db_size>] [{
TABLE_sensor_path <path_row_idx> <path_subscribed> <path_group_count>
<path_secondary_group_count> <path_level> <path_name> <path_grp_id> <path_query_condition>
<path_filter_condition> <path_gpb_cur_enc_size> <path_gpb_min_enc_size> <path_gpb_max_enc_size>
<path_json_cur_enc_size> <path_json_min_enc_size> <path_json_max_enc_size>
<path_cgpb_cur_enc_size> <path_cgpb_min_enc_size> <path_cgpb_max_enc_size> <path_dc_cur_time>
<path_dc_min_time> <path_dc_max_time> <path_enc_cur_time> <path_enc_min_time>
<path_enc_max_time> <path_trans_cur_time> <path_trans_min_time> <path_trans_max_time>
<path_stream_cur_time> <path_stream_min_time> <path_stream_max_time> }] [
<destination_group_db_size>] [{ TABLE_destination_group <destination_group_id>
<destination_group_refcount> <destination_group_use_vrf> <destination_group_filter_filename>
<destination_group_filter_md5hash> <destination_group_md5_checksum>
<destination_group_file_modified> <destination_group_file_synced> }] [<destination_db_size>] [{
TABLE_destinations <destination_ip> <destination_port> <destination_encoding> <destination_transport>
<destination_refcount> }] [db_statistics <chunk_alloc_fail> <sensor_path_chunk_create_fail>
<sensor_group_chunk_create_fail> <destination_chunk_create_fail>
<destination_group_chunk_create_fail> <subscription_chunk_create_fail> <sensor_path_db_create_fail>
<sensor_group_db_create_fail> <destination_db_create_fail> <destination_group_db_create_fail>
<subscription_db_create_fail> <sensor_path_db_insert_fail> <sensor_group_db_insert_fail>
<destination_db_insert_fail> <destination_group_db_insert_fail> <subscription_db_insert_fail>
<sensor_path_db_delete_fail> <sensor_group_db_delete_fail> <destination_db_delete_fail>
<destination_group_db_delete_fail> <subscription_db_delete_fail> <sensor_path_delete_in_use>
<sensor_group_delete_in_use> <destination_delete_in_use> <destination_group_delete_in_use>
<delete_destination_in_use_fail> <sensor_path_sensor_group_list_create_fail>
<sensor_path_prop_list_create_fail> <sensor_path_secondary_sensor_path_list_create_fail>
<sensor_path_secondary_sensor_group_list_create_fail> <sensor_group_sensor_path_list_create_fail>
<sensor_group_subscription_list_create_fail> <destination_group_subscription_list_create_fail>
<destination_group_destination_list_create_fail> <destination_destination_group_list_create_fail>
<subscription_sensor_group_list_create_fail> <subscription_destination_group_list_create_fail>
<sensor_group_sensor_path_list_delete_fail> <sensor_group_subscription_list_delete_fail>
<sensor_group_subscription_unsupported_data_source_fail>
<destination_group_subscription_list_delete_fail> <destination_group_destination_list_delete_fail>
<subscription_sensor_group_list_delete_fail> <subscription_destination_group_list_delete_fail>
<destination_destination_group_list_delete_fail> <destination_delete_from_destination_group_fail>
<destination_group_delete_from_subscription_fail> <sensor_group_delete_from_subscription_fail>
<sensor_path_delete_from_sensor_group_fail> <get_encode_cb_fail> <get_transport_cb_fail>]]

- OLD: show telemetry transport [<session_id> [{ stats | errors }]] [__readonly__ [{
TABLE_transport_info <session_idx> [<ip_address>] [<port>] [<dest_info>] [<encoding_type>]
<transport_type> <transport_status> [<transport_security_cert_fname>] [<transport_last_connected>
] [<transport_last_disconnected>] [<transport_errors_count>] [<transport_last_tx_error>] }] [
<t_session_id>] [{ transport_statistics [{ connect_statistics <connect_count> <last_connected>
<disconnect_count> <last_disconnected> }] { trans_statistics <compression> <source_interface_name>
<source_interface_ip> <transmit_count> <last_tx_time> <min_tx_time> <max_tx_time> <avg_tx_time>
<cur_tx_time> } }] [{ transport_errors { connect_errors <connect_errors_count> } { trans_errors
<trans_errors_count> <last_tx_error> [<last_tx_return_code>] } }]] [{ transport_retry_stats

<ts_event_retry_bytes> <ts_event_retry_size> <ts_timer_retry_bytes> <ts_timer_retry_size> <ts_retries_sent> <ts_retries_dropped> }]] [<retry_buffer_size>] [<event_retry_bytes>] [<timer_retry_bytes>] [<retries_sent>] [<retries_dropped>]]

- NEW: show telemetry transport [{ <session_id> [{ stats | errors | kafka-info }] | kafka | all }] [__readonly__ [{ TABLE_transport_info <session_idx> [<ip_address>] [<port>] [<dest_info>] [<encoding_type>] <transport_type> <transport_status> [<transport_security_cert_fname>] [<transport_last_connected>] [<transport_last_disconnected>] [<transport_errors_count>] [<transport_last_tx_error>] }] [<t_session_id>] [{ transport_statistics [{ connect_statistics <connect_count> <last_connected> <disconnect_count> <last_disconnected> }] { trans_statistics <compression> <source_interface_name> <source_interface_ip> <transmit_count> <last_tx_time> <min_tx_time> <max_tx_time> <avg_tx_time> <cur_tx_time> } }] [{ transport_errors { connect_errors <connect_errors_count> } { trans_errors <trans_errors_count> <last_tx_error> [<last_tx_return_code>] } }] [{ TABLE_transport_kafka <row_idx> [<broker>] [<topic>] [<kafka_msg_count>] }] [<kafka_producer_name>] [<kafka_producer_request_size>] [<kafka_producer_request_timeout>] [<kafka_lib_version>] [{ transport_retry_stats <ts_event_retry_bytes> <ts_event_retry_size> <ts_timer_retry_bytes> <ts_timer_retry_size> <ts_retries_sent> <ts_retries_dropped> }] [<retry_buffer_size>] [<event_retry_bytes>] [<timer_retry_bytes>] [<retries_sent>] [<retries_dropped>] [{ TABLE_transport_kafka_all <k_ss_idx> [<kafka_broker>] [<kafka_producer>] [<kafka_encoding>] [<kafka_topic>] [<kafka_status>] }]]

- OLD: show telemetry yang direct-path { all | cisco-nxos-device | openconfig-interfaces | openconfig-lldp | openconfig-network-instance } [__readonly__ [{ TABLE_path_list <list_row_idx> <path_name> }]]

- NEW: show telemetry yang direct-path cisco-nxos-device [__readonly__ [{ TABLE_path_list <list_row_idx> <path_name> }]]

- OLD: show track { [<object-id> | interface | ip { route | sla } | ipv6 routev6 | list boolean and | list boolean or | list threshold weight | list threshold percentage] } [__readonly__ { <show_track_start> { TABLE_track_detail <st_obj_id> <st_obj_type> [<st_obj_instance>] <st_obj_param> <st_obj_timer_value> [<st_obj_state>] [<st_obj_chg_cnt>] [<st_last_chg_time>] [<st_threshold_info>] [<st_track_list_obj>] + [<st_vrf>] [<st_ipsla_rcode>] [<st_ipsla_rtt>] [<show_track_clnt_hdr>] [<show_track_clnt_start>] [{ TABLE_track_clnt_info <st_client_name> [<st_client_iface>] [<st_client_group_id>] [<st_client_detail>] }] [<show_track_clnt_end>] [<st_track_list_info>] + <st_obj_up_delay> <st_obj_down_delay> } <show_track_end> }]

- NEW: show track { [<object-id> | interface | ip { route | sla } | ipv6 routev6 | list boolean and | list boolean or | list threshold weight | list threshold percentage] } [__readonly__ { <show_track_start> { TABLE_track_detail <st_obj_id> <st_obj_type> <st_obj_ms_up> <st_obj_ms_down> [<st_obj_instance>] <st_obj_param> <st_obj_timer_value> [<st_obj_state>] [<st_obj_chg_cnt>] [<st_last_chg_time>] [<st_threshold_info>] [<st_track_list_obj>] + [<st_vrf>] [<st_ipsla_rcode>] [<st_ipsla_rtt>] [<show_track_clnt_hdr>] [<show_track_clnt_start>] [{ TABLE_track_clnt_info <st_client_name> [<st_client_iface>] [<st_client_group_id>] [<st_client_detail>] }] [<show_track_clnt_end>] [<st_track_list_info>] + <st_obj_up_delay> <st_obj_down_delay> } <show_track_end> }]

- OLD: show version [__readonly__ <header_str> <bios_ver_str> [<loader_ver_str>] <kickstart_ver_str> <nxos_ver_str> [<sys_ver_str>] <bios_cmpl_time> <kick_file_name> <nxos_file_name> <kick_cmpl_time> <nxos_cmpl_time> <kick_tmstmp> <nxos_tmstmp> [<isan_file_name>] [<isan_cmpl_time>] [<isan_tmstmp>] [<boot_lxc_mode>] <chassis_id> [<module_id>] <cpu_name> <memory> <mem_type> <proc_board_id> <host_name> <bootflash_size> [<slot0_size>] [<slot1_size>] <kern_uptm_days> <kern_uptm_hrs> <kern_uptm_mins> <kern_uptm_secs> [<rr_usecs>] [<rr_ctime>

] <rr_reason> <rr_sys_ver> <rr_service> <plugins> <manufacturer> [TABLE_smu_list <install_smu_id>
+] [TABLE_package_list <package_id> +]]

- NEW: show version [__readonly__ <header_str> <bios_ver_str> [<epld_ver_str>] [<loader_ver_str>
] <kickstart_ver_str> <nxos_ver_str> [<sys_ver_str>] <bios_cmpl_time> <kick_file_name>
<nxos_file_name> <kick_cmpl_time> <nxos_cmpl_time> <kick_tmstmp> <nxos_tmstmp> [
<isan_file_name>] [<isan_cmpl_time>] [<isan_tmstmp>] [<boot_lxc_mode>] <chassis_id> [
<module_id>] <cpu_name> <memory> <mem_type> <proc_board_id> <host_name> <bootflash_size>
[<slot0_size>] [<slot1_size>] <kern_uptm_days> <kern_uptm_hrs> <kern_uptm_mins>
<kern_uptm_secs> [<rr_usecs>] [<rr_ctime>] <rr_reason> <rr_sys_ver> <rr_service> <plugins>
<manufacturer> [TABLE_smu_list <install_smu_id> +] [TABLE_package_list <package_id> +]]

- OLD: show vlan access-list <name> [<inp_seqno>] [__readonly__ TABLE_vacl <vacl_name> [
<vacl_seqno>] [TABLE_list <ip_ipv6_mac> <acl_name> [TABLE_seqno <seqno> { <permitdeny>
[<proto_str> | <proto> | <ip> | <ipv6>] { <src_any> | <src_ip_prefix> | <src_ip_addr> <src_ip_mask>
| <src_ipv6_prefix> | <src_ipv6_addr> <src_ipv6_mask> | <mac_src> <mac_src_wild> | <src_addrgrp>
} [<src_port_op> [<src_port1_str>] { <src_port1_num> } [<src_port2_str> | <src_port2_num>] |
<src_portgrp>] { <dest_any> | <dest_ip_prefix> | <dest_ip_addr> <dest_ip_mask> | <dest_ipv6_prefix>
| <dest_ipv6_addr> <dest_ipv6_mask> | <mac_dest> <mac_dest_wild> | <dest_addrgrp> } [
<dest_port_op> [<dest_port1_str>] { <dest_port1_num> } [<dest_port2_str> | <dest_port2_num>] |
<dest_portgrp>] [{ <icmp_type> [<icmp_code>] | <icmp_str> } | { <icmpv6_type> [<icmpv6_code>
] | <icmpv6_str> }] [<igmp_type> | <igmp_type_str>] [[<precedence> | <precedence_str>] [<tos>
| <tos_str>] | [<dscp> | <dscp_str>] | [<ttl>]] [<log>] [<udfs>] [<capture_session>] [<fragments>
] [<plen_op> <plen1> [<plen2>]] [<urg>] [<ack>] [<psh>] [<rst>] [<syn>] [<fin>] [
<established>] [<http-method> | <http_opt_str>] [<tcp-option-length>] [<tcp-flags-mask>] [
<flow_label>] [<timerange>] [<eth_proto> | <eth_proto_str>] [<vlan>] [<cos>] [<match_count>
] | [TABLE_match <module> <module_match_count>] | [<nve_vni>] | [<nve_vni>] | [<label1> [
<label2> <label3> <label4>]] <remark> }] [<action> <actionid>]]]

- NEW: show vlan access-list <name> [<inp_seqno>] [__readonly__ TABLE_vacl <vacl_name> [
<vacl_seqno>] [TABLE_list <ip_ipv6_mac> <acl_name> [TABLE_seqno <seqno> { <permitdeny>
[<proto_str> | <proto> | <ip> | <ipv6>] { <src_any> | <src_ip_prefix> | <src_ip_addr> <src_ip_mask>
| <src_ipv6_prefix> | <src_ipv6_addr> <src_ipv6_mask> | <mac_src> <mac_src_wild> | <src_addrgrp>
} [<src_port_op> [<src_port1_str>] { <src_port1_num> } [<src_port2_str> | <src_port2_num>] |
<src_portgrp>] { <dest_any> | <dest_ip_prefix> | <dest_ip_addr> <dest_ip_mask> | <dest_ipv6_prefix>
| <dest_ipv6_addr> <dest_ipv6_mask> | <mac_dest> <mac_dest_wild> | <dest_addrgrp> } [
<dest_port_op> [<dest_port1_str>] { <dest_port1_num> } [<dest_port2_str> | <dest_port2_num>] |
<dest_portgrp>] [{ <icmp_type> [<icmp_code>] | <icmp_str> } | { <icmpv6_type> [<icmpv6_code>
] | <icmpv6_str> }] [<igmp_type> | <igmp_type_str>] [[<precedence> | <precedence_str>] [<tos>
| <tos_str>] | [<dscp> [<dscp_mask>] | <dscp_str>] | [<ttl>]] [<log>] [<telemetry_queue>] [
<telemetry_path>] [<udfs>] [<capture_session>] [<fragments>] [<plen_op> <plen1> [<plen2>]
] [<urg>] [<ack>] [<psh>] [<rst>] [<syn>] [<fin>] [<established>] [<http-method> |
<http_opt_str>] [<tcp-option-length>] [<tcp-flags-mask>] [<flow_label>] [<timerange>] [
<eth_proto> | <eth_proto_str>] [<vlan>] [<cos>] [<match_count>] | [TABLE_match <module>
<module_match_count>] | [<nve_vni>] | [<nve_vni>] | [<label1> [<label2> <label3> <label4>]]
<remark> }] [<action> <actionid>]]]

- OLD: show vlan access-map [<name>] [__readonly__ [TABLE_vacl <vacl_name> [TABLE_seqno
[<seqno>] [<ip_ipv6_mac> { <match_name> } + [<action_drop>] [<action_log>] [<action_fwd>
] [<action_capture>] [<action_redirect> <intf>]] [<statistics>]]]]

- NEW: show vlan access-map [<name>] [__readonly__ [TABLE_vacl <vacl_name> [TABLE_seqno
  [<seqno>] [<ip_ipv6_mac> { <match_name> } + [<action_drop>] [<action_log>] [
  <action_telemetry_queue>] [<action_telemetry_path>] [<action_fwd>] [<action_capture>] [
  <action_redirect> <intf>]] [<statistics>]]]]

Deprecated Commands

The following commands are removed in this release.

- show forwarding [vrf { <vrf-name> | <vrf-known-name> } | table <table_id>] [ipv4] pss route [module
  <module>]

- show interface <ifeth_ctr> counters [snmp] [__readonly__ { TABLE_rx_counters <interface_rx> [
  <eth_inbytes>] [<eth_inucast>] [<eth_inmcast>] [<eth_inbcast>] [<eth_l3in_bytes>] [
  <eth_l3in_ucastpkts>] [<eth_l3in_mcastpkts>] [<eth_l3in_bcastpkts>] [<eth_l3in_ipv4bytes>] [
  <eth_l3in_ipv4pkts>] [<eth_l3in_ipv6bytes>] [<eth_l3in_ipv6pkts>] } { TABLE_tx_counters
  <interface_tx> [<eth_outbytes>] [<eth_outucast>] [<eth_outmcast>] [<eth_outbcast>] [
  <eth_l3out_bytes>] [<eth_l3out_ucastpkts>] [<eth_l3out_mcastpkts>] [<eth_l3out_bcastpkts>] [
  <eth_l3out_ipv4bytes>] [<eth_l3out_ipv4pkts>] [<eth_l3out_ipv6bytes>] [<eth_l3out_ipv6pkts>]
  }]

- show { ip | ipv6 } eigrp [<eigrp-ptag>] [internal] event-history bfd

- show { ip | ipv6 } eigrp [<eigrp-ptag>] [internal] event-history { fsm | packet | rib }

- show ip rsvp [__readonly__ [<sup-state> <start-type> <restart-type> <ha-ena> <gr-ena> <hst-ena>
  <glb-router-id> <psr-ena> <local-epoch>] [TABLE_clients <clnt-name> <clnt-sap> <clnt-type>
  <clnt-batch-time> [<clnt-lxsb>]] [<bundle-ena> <bundle-time> <bundle-maxsz>] [<refresh-intvl>
  <refresh-miss>] [<refred-ena> <rr-init-rexmit-delay> <rr-rapid-rexmit-ena> <rr-ack-delay>] [
  <rate-limit-ena> <rate-limit-cap> <rate-limit-pace-intvl>] [<gr-tmr> [<gr-tmr-expiry>]] [<auth-ena>
  [<key-src>] [<digest>] [<seq-winsize>] [<challenge>] [<lifetime>]]]

- show ip rsvp authentication [detail] [interface <ifname>] [from <ip_frm>] [to <ip_to>] [__readonly__
  [TABLE_authentication <src> <dst> <nbr-ip> <interface> <mode> [<lifetime> <lifetime-left> <code>
  ] <key-src> <key-id> [<code>] [<digest> <challenge>] [<tx-seq>] [<rx-seq> <seq-winsize>
  <seq-wincnt>]]]

- show ip rsvp counters [interface <ifname> | teardown | authentication | all] [__readonly__
  TABLE_counters [<rsn-unspec> <pt-cnt-unspec> <rt-cnt-unspec> <rsn-path-tmo> <pt-cnt-path-tmo>
  <rt-cnt-path-tmo> <rsn-resv-tmo> <pt-cnt-resv-tmo> <rt-cnt-resv-tmo> <rsn-signaled> <pt-cnt-signaled>
  <rt-cnt-signaled> <rsn-mgmt> <pt-cnt-mgmt> <rt-cnt-mgmt> <rsn-policy> <pt-cnt-policy> <rt-cnt-policy>
  <rsn-proxy> <pt-cnt-proxy> <rt-cnt-proxy> <rsn-no-rsrc> <pt-cnt-no-rsrc> <rt-cnt-no-rsrc>
  <rsn-preempted> <pt-cnt-preempted> <rt-cnt-preempted> <rsn-msg-err> <pt-cnt-msg-err>
  <rt-cnt-msg-err> <rsn-internal> <pt-cnt-internal> <rt-cnt-internal> <rsn-traffic> <pt-cnt-traffic>
  <rt-cnt-traffic> <rsn-sync-unk> <pt-cnt-sync-unk> <rt-cnt-sync-unk> <rsn-gr-tmo> <pt-cnt-gr-tmo>
  <rt-cnt-gr-tmo> <rsn-link-nbor-down> <pt-cnt-link-nbor-down> <rt-cnt-link-nbor-down>
  <rsn-local-perr-psr> <pt-cnt-local-perr-psr> <rt-cnt-local-perr-psr> <rsn-network-perr-psr>
  <pt-cnt-network-perr-psr> <rt-cnt-network-perr-psr> <rsn-hello-st-tmo> <pt-cnt-hello-st-tmo>
  <rt-cnt-hello-st-tmo> <rsn-plr-bkup-del> <pt-cnt-plr-bkup-del> <rt-cnt-plr-bkup-del> <rsn-cli-clear>
  <pt-cnt-cli-clear> <rt-cnt-cli-clear> <rsn-restart-cmd> <pt-cnt-restart-cmd> <rt-cnt-restart-cmd>
  <rsn-intf-del> <pt-cnt-intf-del> <rt-cnt-intf-del>] [<auth_send_authenticated>
  <auth_send_authentication_failures> <auth-recv-valid-msgs> <auth-recv-total-err>
  <auth_recv_no_integrity> <auth_recv_bad_digest> <auth_recv_wrong_digest_type>

<auth_recv_seq_num_dup> <auth_recv_seq_num_out_of_range> <auth_send_challenges_rcvd> <auth_send_challenge_responses_sent> <auth_recv_challenges_sent> <auth_recv_challenge_timeouts> <auth_recv_challenges_resent> <auth_recv_challenge_responses_rcvd> <auth_recv_during_challenge> <auth_recv_wrong_challenge_response> <auth_recv_challenge_response_dup> <auth_recv_challenge_response_late>] [[<pkt-rx> <pkt-tx> <pkt-rx-err> <pkt-tx-err>] <path-rx> <path-tx> <resv-rx> <resv-tx> <patherr-rx> <patherr-tx> <resverr-rx> <resverr-tx> <pathtear-rx> <pathtear-tx> <resvtear-rx> <resvtear-tx> <resvconf-rx> <resvconf-tx> <rtearconf-rx> <rtearconf-tx> <ack-rx> <ack-tx> <sref-rx> <sref-tx> <hello-rx> <hello-tx> <intchal-rx> <intchal-tx> <intresp-rx> <intresp-tx> <bundle-rx> <bundle-tx> <bundle-path-rx> <bundle-path-tx> <bundle-resv-rx> <bundle-resv-tx> <bundle-patherr-rx> <bundle-patherr-tx> <bundle-resverr-rx> <bundle-resverr-tx> <bundle-pathtear-rx> <bundle-pathtear-tx> <bundle-resvtear-rx> <bundle-resvtear-tx> <bundle-ack-rx> <bundle-ack-tx>]]

- show ip rsvp fast-reroute [detail] [destination <dest_addr>] [source <src_addr>] [dst-port <dport-val>] [src-port <sport-val>] [protect-if <ifname>] [__readonly__ [TABLE_frr <key-frr-dest> <tun-id> <source> <bkp-ifname> <prot-intf> <nnhop> <frr-state>] [TABLE_frr_detail <type> <dest> <tun-id> <source> [<bkp-ifname> <bkpifid> <mergept> <mergept-ero> <nnhop> <frr-state> <prot-intf> <bw-prot> <frr-bw> <bw-prot-level> <desrd-bit> <b-sel-prio> <bkp-src> <tail-addr> <bkp-phy-ifnm> <bkp-phy-ifaddr> <bkp-phy-mtu>]] [<total-path> <active-path> <ready-path> <unassign-path> [<unprotect-path>]]]

- show ip rsvp hello client lsp [detail] [__readonly__ [TABLE_hc_lsp_sum <src-addr> <dst-addr> <tun-id> <lsp-id> <subgrp-orig> <subgrp-id> <lsp-flags> [<gr-up-nbr> <gr-down-nbr> <rr-up-nbr> <rr-down-nbr> <incompl-nbr-type>]]]

- show ip rsvp hello client neighbor [detail] [__readonly__ [TABLE_clnt_nbr_sum <nbr-addr> <nbr-type> <nbr-state> <hi-state> <lsp-count>]]

- show ip rsvp hello graceful-restart [__readonly__ [TABLE_gr <gr-state> <gr-mode> <refesh-interval> <refresh-misses> <dscp> <restart-time> <recover-time> <max-recover-wait>]]

- show ip rsvp hello instance [interface <ifname>] [neighbor <nbr-addr>] [detail] [__readonly__ [TABLE_hello_inst <key-inst-client-type> <nbr-ip> <if-name> <nbr-state> <lost-comm-count> <lsp-count> <hello-interval>] [TABLE_hello_detail <key-det-nbr-ip> <src-ip> <hi-type> <if-name> <nbr-state> <client-type> <lsp-count> <missed-acks-conf> <ref-interval> <src-inst> <nbr-inst> [<rest-time> <rec-time>] <lost-comm-count> <missed_ack_cnt> <bad-src-inst-cnt> <bad-dst-inst-cnt> <nbr-disabled-hi-cnt> <msg-rcvd> <msg-sent> <msg-supp>] [TABLE_hello_passive_inst <key-psv-nbr-ip> <if-name>]]

- show ip rsvp interface [<ifname>] [detail | backup-tunnel] [__readonly__ [TABLE_inter <key-if-name> <ifid> <iod> <mpls-ena> <conf-ena> <state>] [TABLE_bkp_inter <key-bkp-if-name> <ifid> <iod> <mtu> <state> <tail-addr> <phys-if>] [TABLE_detail <key-det-if-name> <iod> <ifid> <ifaddr> <masklen> <mpls-ena> <conf-ena> <dyn-type> <dyn-keepalive-flg> <state> <if-flags> <mtu> <dyn-tmr> [<dyn-expiry>] <sig-dscp> <hello-dscp> <tcsb-count> <ip-nbr-cnt> <in-list-cnt> <rr-enabled> <max-sr-size-conf> <max-sr-size> <refresh-timer> <sum-refresh-timer> <time-refresh-intval> <expiry-timer> <expiry-intval> <miss-limit> <bundle-ena> <max-bundle-sz> <rel-ena> <ack-tmr> <ack-init-rexmit> <ack-intval> <ack-max-conf-size> <ack-max-size> <sr-rel> <pacing-ena> <pace-tmr> <pace_intval> <pace-cap-rate> <pace-msg-count> <pace-msg-defer-count> <auth-ena> [<key-src> <digest> <seq-winsize> <challenge>] <hst-ena> <hst-intval> <missed_acks>]]

- show ip rsvp neighbor [<nbr>] [detail] [private] [__readonly__ [TABLE_nbr <key-nbr-ip> <if-name> <rtr-id> <state> <expires> <last-ref-time>] [TABLE_detail <key-det-nbr-ip> <if-name> <local-rid> <rtr-id> <state> <flags> <epoch> <expires> <ref-list-type> [TABLE_nbr_list <list-id> <ref-list-name> <ref-list-cnt>] <msgid-cnt> <ooo-msg-cnt> <ackdb-cnt> <rexmit-cnt> <pfc-trigger-cnt> <req-trigger-cnt>

<bundle-timer> <bundle-cnt> <last-ref-sref> <last-ref-time> <last-ref-rc> [<auth-ena> [<key-src> <digest> <seq-winsize> <challenge> <lifetime>]]]]

- show ip rsvp reservation [destination <dest_addr>] [sender <src_addr>] [dst-port <dport-val>] [src-port <sport-val>] [private] [detail] [__readonly__ [<total-count>] [TABLE_resv <dest-ip> <src-ip> <prot> <dport> <src-port> <nhop> <in-if> <style>] [TABLE_resv_detail <key-show-ip-rsvp-resv-det> [TABLE_sess_info [<unsup-type>] [TABLE_v4 <dest> <prot-id> <police> <dest-port>] [TABLE_tun_v4 <dest> <tun-id> <ext-dun-id>] [TABLE_tun_p2mp_ipv4 <p2mp-id> <tun-id> <ext-tun-id>]] [TABLE_sender_templ [<unsupported-templ-type>] [TABLE_type_v4 <sender> <port>] [TABLE_type_lsp_tun_v4 <tun-sender> <lsp-id>] [TABLE_type_lsp_tun_p2mp_v4 <tun_sender> <lsp-id> <subgrp-orig> <subgrp-id>]] <nhop> <nhop-if> [<ref-time> <ref-expiry>] [<last-ref-sref> <last-ref-time> <last-ref-rc>] [<rcvd-msgid> <in-ack-db>] [<xmit-msgid> <rr-stage> <ack-out>] <rsb-flags> <req-flags> [<label>] <style> <resv-hndl> [TABLE_fspec [<type> <len> [<ver> <hdr-len>]] [TABLE_uni <sig-type> <cct> <ncc> <nvc> <mult> <trans>] [TABLE_intsrv_gtd <svc-id> <svc-len> <parm-id> <parm-flg> <parm-len> <avg-rate> <depth> <peak-rate> <min-unit> <max-unit> <rspec-parm-id> <rspec-parm-flg> <rspec-parm-len> <req-rate> <rspec-slack>] [TABLE_intsrv_cload <svc-id> <svc-len> <parm-id> <parm-flg> <parm-len> <avg-rate> <depth> <peak-rate> <min-unit> <max-unit>] [TABLE_intsrv_qual <svc-id> <svc-len>]] [TABLE_rro <key-show-rro-start> [<rro-len>] [TABLE_v4 <addr> <rro-flags> [<local-prot>] [<in-use>] [<has-bw>] [<to-nnhop>] [<to-nhop>] [<no-prot>] [<node-id>]] [TABLE_label <lbl-flags> <label-ctype> <label>] [TABLE_unnum <rtr-id> <ifindex> <flags>]] [[<prot-flags>] [<plr-flags> <plr-filter-addr> <plink-nhop-addr>] [<mp-label> <mp-filter-addr>]] [<proxy-status>] <policy-status> [<policy-src>]]]

- show ip rsvp sender [destination <dest_addr>] [sender <src_addr>] [dst-port <dport-val>] [src-port <sport-val>] [private] [detail] [__readonly__ [<total-count>] [TABLE_path <dest-ip> <src-ip> <prot> <dport> <src-port> <phop><in-if>] [TABLE_path_detail <start-show-ip-rsvp-path-det> [TABLE_sess_info [<unsup-type>] [TABLE_v4 <dest> <prot-id> <police> <dest-port>] [TABLE_tun_v4 <dest> <tun-id> <ext-dun-id>] [TABLE_tun_p2mp_ipv4 <p2mp-id> <tun-id> <ext-tun-id>]] [TABLE_sender_templ [<unsupported-templ-type>] [TABLE_type_v4 <sender> <port>] [TABLE_type_lsp_tun_v4 <tun-sender> <lsp-id>] [TABLE_type_lsp_tun_p2mp_v4 <tun_sender> <lsp-id> <subgrp-orig> <subgrp-id>]] [<phop> <phop-intf> <ref-time> <exp-time>] [<last-ref-sref> <last-ref-time> <last-ref-rc> <nhop> <nhop-intf>] [<rcvd-msgid> <in-ack-db>] [<xmit-msgid> <rr-stage> <ack-out>] <psb-flags> <pfc-flags> [TABLE_path_sess_in <setup-prio> <res-prio> [<attr-flags>] [<prot-desired>] [<label-rec>] [<se-style>] [<ero-exp-req>] [<bw-prot-desired>] [<node-prot-desired>] [<sess-name>]] [TABLE_path_sess_out <setup-prio> <res-prio> [<attr-flags>] [<prot-desired>] [<label-rec>] [<se-style>] [<ero-exp-req>] [<bw-prot-desired>] [<node-prot-desired>] [<sess-name>]] [TABLE_ero <in-out> [TABLE_ero_type <show-sender-ero-start> [<unk-obj-type> <unk-obj-len>] [TABLE_ero_ipv4 <hop> <loose-strict> <len> <prefix-len>] [TABLE_ero_ipv6 <loose-strict> <len>] [TABLE_ero_unnum <gen-len> <rtr-id> <intf-id>] [TABLE_ero_as <loose-strict> <len> <as-num>]]] [TABLE_rro <key-show-rro-start> [<rro-len>] [TABLE_v4 <addr> <rro-flags> [<local-prot>] [<in-use>] [<has-bw>] [<to-nnhop>] [<to-nhop>] [<no-prot>] [<node-id>]] [TABLE_label <lbl-flags> <label-ctype> <label>] [TABLE_unnum <rtr-id> <ifindex> <flags>]] <class-type> [TABLE_tspec <type> <obj_len> <version> <total_len> [TABLE_uni_tspec <len> <sig-type> <cct> <ncc> <nvc> <mult> <trans>] [TABLE_intsrv <serv-id> <serv-len> <param-id> <flags> <param-len> <avg-rate> <avg-depth> <peak-rate> <min-unit> <max-unit>]] [<ds-flag>] [[<plr-flag>] <backup-ifname> [<plr-template> <orig-ero-mp>] [<backup-phys-if>]] [<mp-template> <orig-in-if>] <path-hndl> <policy-state> [<policy-src>] [<proxy-state>] [TABLE_psb_pfc <pfc-output-intf> <pfc-policy-status> <pfc-policy-handle> [<pfc-policy-query-state>]]]]

- show ip rsvp session [destination <dest_addr>] [__readonly__ <total-count> TABLE_session <type> <dest-ip> <dport> <tunnel-id> <psb-cnt> <rsb-cnt> <reqs> <pxbs> <rxbs>]

- show ip rsvp signalling rate-limit [__readonly__ TABLE_counters <rlim-ena> <limit> <intvl>]

- show ip rsvp signalling refresh interval [__readonly__ TABLE_counters <interval>]

- show ip rsvp signalling refresh misses [__readonly__ TABLE_counters <misses>]

- show ip rsvp signalling refresh reduction [__readonly__ TABLE_counters <rr-ena> <ackdelay> <ackdelay> <epoch> [<msgid-inuse> <msgid-alloc> <msgid-free>]]

- show logging level ip igmp

- show logging level mfwd

- show logging level mpls traffic-eng

- show logging level plbm

- show logging level rsvp

- show logging level smartc

- show logging level tunenc_mgr

- show mpls traffic-eng autoroute [<ipaddr>] [__readonly__ [<aa_enabled>] [{ TABLE_dest <aa_fa_tun_list_type> <aa_fa_igp_node_id> <aa_fa_igp_area_id> <aa_fa_tun_count> [{ TABLE_tunidx <aa_fa_intfc_name> [<aa_fa_load_balance_metric>] <aa_fa_nexthop_addr> [<aa_fa_metric_mode> <aa_fa_igp_metric>] <aa_set> <fa_set> [<fa_holdtime>] }] }]]]

- show mpls traffic-eng exp [<ipaddr>] [__readonly__ [TABLE_bundles <exp_bundle_dest> <exp_bundle_master> <exp_bundle_master_state> [TABLE_exp_member <exp_bundle_member> <exp_bundle_member_state> <exp_bundle_member_conf_exp> <exp_bundle_member_actual_exp>]]]

- show mpls traffic-eng explicit-paths [detail | identifier <id> [detail] | name <name> [detail]] [__readonly__ { TABLE_explpath <eph_style> <eph_path_id_str> <eph_path_loose_strict> <eph_complete_flag> <eph_generation> [<eph_status>] { TABLE_nxtaddr <eph_idx> <eph_type> <eph_subtype> <eph_addr> [<eph_lasthop>] } }]

- show mpls traffic-eng forwarding-adjacency [<ipaddr>] [__readonly__ [<aa_enabled>] [{ TABLE_dest <aa_fa_tun_list_type> <aa_fa_igp_node_id> <aa_fa_igp_area_id> <aa_fa_tun_count> [{ TABLE_tunidx <aa_fa_intfc_name> [<aa_fa_load_balance_metric>] <aa_fa_nexthop_addr> [<aa_fa_metric_mode> <aa_fa_igp_metric>] <aa_set> <fa_set> [<fa_holdtime>] }] }]]

- show mpls traffic-eng high-availability { database [summary] | shared-database | sso-database | status } [__readonly__ <__dummy_string__> <__dummy_hex__> <__dummy_int__> <__dummy_unsigned__> <__dummy_long_unsigned__> <__dummy_long_long_unsigned__>]

- show mpls traffic-eng link-management advertisements [__readonly__ <link_flooding_status> <configured_areas> { TABLE_areas <area_tag> <area_id> [<flooding_protocol> <igp_system_id> <mpls_te_router_ipaddress> <number_of_flooded_links> [{ TABLE_links <link_num> <link_name> <link_subnet_type> [<link_ipaddress>] [<link_local_interface_id>] [<link_designated_router>] [<link_neighbor_id>] [<link_neighbor_ipaddress>] [<link_remote_interface_id>] [<link_protection_capabilities> <link_protection_working_prio>] [<intfc_sw_cap> <link_encoding> { TABLE_flsvc <flsvc> <max_lsp_bw> } <min_lsp_bw> [<interface_mtu> | <sonet_sdh_indication>]] [<link_te_metric>] [<link_igp_metric>] [{ TABLE_srlgs <link_srlg_number> } | <link_srlg_none>

] <link_bandwidth> <link_bandwidth_units> [<link_max_res_bandwidth> <link_bandwidth_units>] <link_global_bc0_bandwidth> <link_bandwidth_units> [<link_subpool_bc1_bandwidth> <link_bandwidth_units>]] [<link_dir_down> [{ TABLE_down_classes <link_down_te_class> <link_down_class_bandwidth> <link_down_bandwidth_units> }] [{ TABLE_down_pools <down_exp_prio> <link_down_global_pool_bc0_bandwidth> [<link_down_subpool_bc1_bandwidth>] <link_down_pool_bandwidth_units> } <link_affinity_flags>]] [<link_dir_up> [{ TABLE_up_pools <up_exp_prio> <link_up_global_pool_bc0_bandwidth> [<link_up_subpool_bc1_bandwidth>] <link_up_pool_bandwidth_units> }]] }] }] }]

- show mpls traffic-eng link-management bandwidth-allocation [summary] [<intfc>] [__readonly__ [<links_count>] [<bw_hold_time>] [<flooding_system_status>] [{ TABLE_flooding <flooding_igp_area_id> <flooding_protocol> <flooding_status> <flooding_periodic_status> [<flooding_periodic_interval>] [<number_of_flooded_links>] <flooding_igp_system_id> <flooding_rtr_ipaddress> <flooding_neighbor_count> }] { TABLE_links <link_name> [[<link_global_bc0_bandwidth>] <link_max_res_bandwidth> <max_global_rsvbl_bw> <link_subpool_bc1_bandwidth> <max_sub_rsvbl_bw>] [[<link_ipaddress>] [<link_is_numbered>] [<local_intfc_id>] [<rlp_capability> <rlp_working_priority>] [{ <srlg_group_none> | { TABLE_srlg <srlg_group_number> } }] { TABLE_ixcd <link_key> <intfc_switching_cap> <encoding> } [<link_label_type> <link_installed> [<link_local_label>]] <phys_bw> <phys_bw_units> [<model_id>] [<link_min_flow> <bw_units>] [<max_link_rsvbl_bw> <rsvbl_bw_units> <rsvd_up> <rsvd_down>] [<link_max_res_bandwidth> <rsvbl_bw_units> <rsvd_up> <rsvd_down>] [<max_global_rsvbl_bw> <rsvbl_bw_units> <rsvd_up> <rsvd_down>] [<link_subpool_bc1_bandwidth> <max_sub_rsvbl_bw> <rsvbl_bw_units> <rsvd_up> <rsvd_down>] [<bw_descriptors> [<descriptor_count> <descriptor_kind>]] [<link_state>] [<admit_method_up>] [<admit_method_down>] [<admin_weight> <admin_state> [<neighbor_interface_info> [<interface_name>] [{ TABLE_nbr_src [<neighbor_source>] }] [{ TABLE_ami_flags <ami_flag_string> } <interface_id> <sw_cap> <source_te_id> <source_up_down> <source_floodable> [<source_link_lable_id>]]] <igp_neighbor_count> [{ TABLE_igp <neighbor_id> <neighbor_ipaddress> [<neighbor_igp_area_id>] [<neighbor_link_name>] <neighbor_up_down> }] [<link_up_thresholds> <link_down_thresholds>]] [<flooded_areas> [{ TABLE_dlist <area_tag> <area_id> <area_flooding_status> [<area_not_flooded_reason>] }]] [{ TABLE_up_down <link_dir_name> <link_dir_bw_kind> <link_dir_bw_units> { TABLE_pool <link_bw_keep_prio> <link_bw_held> <link_bw_total_held> <link_bw_locked> <link_bw_total_locked> } }]] }] }

- show mpls traffic-eng link-management igp-neighbors [<intfc>] [__readonly__ [TABLE_link_nbr <hdr_neighbor_link_name> [TABLE_nbr [<neighbor_id> [<neighbor_igp_area_id>] <neighbor_ipaddress>] [<neighbor_up_down>] [{ TABLE_nbr_src_list <neighbor_source> }]]]]]

- show mpls traffic-eng link-management igp-neighbors igp-id { isis <isis-id> | ospf <ospf-ipaddr> } [__readonly__ <hdr_neighbor_id> [TABLE_nbr [<igppeer_neighbor_id>] <igppeer_neighbor_ipaddress> [<igppeer_neighbor_igp_area_id>] [<igppeer_neighbor_link_name>]]]

- show mpls traffic-eng link-management igp-neighbors ip <ipaddr> [__readonly__ <neighbor_ippeer_hdr_ipaddress> [TABLE_nbr <neighbor_ippeer_id> <neighbor_ippeer_igp_area_id> <neighbor_ippeer_link_name>]]

- show mpls traffic-eng link-management statistics [<intfc>] [__readonly__ [<lsp_path_adm_ctr_setup_requests> <lsp_path_adm_ctr_setup_admits> <lsp_path_adm_ctr_setup_rejects> <lsp_path_adm_ctr_setup_errors> <lsp_path_adm_ctr_tear_requests> <lsp_path_adm_ctr_tear_preempts> <lsp_path_adm_ctr_tear_errors> <lsp_resv_adm_ctr_setup_requests> <lsp_resv_adm_ctr_setup_admits> <lsp_resv_adm_ctr_setup_rejects> <lsp_resv_adm_ctr_setup_errors> <lsp_resv_adm_ctr_tear_requests> <lsp_resv_adm_ctr_tear_preempts> <lsp_resv_adm_ctr_tear_errors> [TABLE_links <link_name> [<link_ipaddress>] <up_path_ctr_setup_requests> <up_path_ctr_setup_admits> <up_path_ctr_setup_rejects> <up_path_ctr_setup_errors> <up_path_ctr_tear_requests>

<up_path_ctr_tear_preempts> <up_path_ctr_tear_errors> <up_resv_ctr_setup_requests>
<up_resv_ctr_setup_admits> <up_resv_ctr_setup_rejects> <up_resv_ctr_setup_errors>
<up_resv_ctr_tear_requests> <up_resv_ctr_tear_preempts> <up_resv_ctr_tear_errors>
<down_path_ctr_setup_requests> <down_path_ctr_setup_admits> <down_path_ctr_setup_rejects>
<down_path_ctr_setup_errors> <down_path_ctr_tear_requests> <down_path_ctr_tear_preempts>
<down_path_ctr_tear_errors> <down_resv_ctr_setup_requests> <down_resv_ctr_setup_admits>
<down_resv_ctr_setup_rejects> <down_resv_ctr_setup_errors> <down_resv_ctr_tear_requests>
<down_resv_ctr_tear_preempts> <down_resv_ctr_tear_errors>] [<igp_mem_stats_rims_name>
<igp_mem_stats_rims_allocs> <igp_mem_stats_rims_frees> <igp_mem_stats_rims_locks>
<igp_mem_stats_rims_unlocks>]]]

- show mpls traffic-eng link-management { admission-control | interfaces | summary } [<intfc>] [
  __readonly__ [<tunnel_count> <gmpls_tunnel_count> <tunnels_selected> [{ TABLE_tunnels
  <tun_name> <uplink_name> <downlink_name> <priority_string> <tun_state> <bw_kbps> <bw_state>
  <bw_kind> }]] [<links_count> [<bw_hold_time>] [<flooding_system_status>] [{ TABLE_flooding
  <flooding_igp_area_id> <flooding_protocol> <flooding_status> <flooding_periodic_status> [
  <flooding_periodic_interval> <flooding_periodic_remaining>] [<number_of_flooded_links>]
  <flooding_igp_system_id> <flooding_rtr_ipaddress> <flooding_neighbor_count> }] [TABLE_links
  <link_name> [<link_ipaddress>] [[<link_is_numbered>] [<local_intfc_id>] [<rlp_capability>
  <rlp_working_priority>] [{ <srlg_group_none> | { TABLE_srlg <srlg_group_number> } }] [{
  TABLE_ixcd <link_key> <intfc_switching_cap> <encoding> } [<link_label_type> <link_installed> [
  <link_local_label>]] <phys_bw> <phys_bw_units> [<model_id>] [<link_min_flow> <bw_units>]
  [<max_link_rsvbl_bw> <rsvbl_bw_units> <rsvd_up> <rsvd_down>] <max_global_rsvbl_bw> [
  <max_sub_rsvbl_bw>] <rsvbl_bw_units> <rsvd_up> <rsvd_down> [<bw_descriptors> [
  <descriptor_count> <descriptor_kind>]] <link_state> <admit_method_up> <admit_method_down> [
  <admin_weight> <admin_state> [<neighbor_interface_info> [<interface_name>] [{ TABLE_nbr_src
  [<neighbor_source>] }] [{ TABLE_ami_flags <ami_flag_string> } <interface_id> <sw_cap>
  <source_te_id> <source_up_down> <source_floodable> [<source_link_lable_id>]]]
  <igp_neighbor_count> [{ TABLE_igp <neighbor_id> [<neighbor_ipaddress>] [<neighbor_igp_area_id>
  ] [<neighbor_link_name>] <neighbor_up_down> }] [<link_up_thresholds> <link_down_thresholds>
  ]] [<flooded_areas> [{ TABLE_dlist <area_tag> <area_id> <area_flooding_status> [
  <area_not_flooded_reason>] }]] [{ TABLE_up_down <link_dir_name> <link_dir_bw_kind>
  <link_dir_bw_units> { TABLE_pool <link_bw_keep_prio> <link_bw_held> <link_bw_total_held>
  <link_bw_locked> <link_bw_total_locked> } }]]]]]

- show mpls traffic-eng lsp attributes [name <attr-list>] [__readonly__ [<lsp_id_count> <lsp_list_count>
  ] { TABLE_lspattr [<lsp_name> <lsp_id_name>] [<lsp_sd_command>] [<lsp_aff_command>] [
  <lsp_abw_command>] [<lsp_bw_command>] [<lsp_frr_command>] [<lsp_ld_command>] [
  <lsp_prio_command>] [<lsp_rec_rte_command>] }]

- show mpls traffic-eng topology [{ { <ipaddr> [ibrief] } | area <area-id> | level-1 | level-2 | brief | igp-id
  { isis <isis-id> | ospf <ospf-ipaddr> [{ network | router | brief }] } }] [__readonly__ [TABLE_areas
  <hdr_pcalc_system_id> <hdr_pcalc_area_id>] [<hdr_pcalc_maxage>] [<hdr_pcalc_generation>] [
  <hdr_pcalc_dste_mode>] [TABLE_nodes <pcalc_node_system_id> [[<pcalc_node_router_id>]
  <pcalc_node_type> <pcalc_node_valid_for_spf> <pcalc_node_area_id> [<pcalc_node_node_id>] [
  TABLE_mg_list <pcalc_mg_id> [<pcalc_dest_addr>]] [TABLE_links <pcalc_link_index>
  <pcalc_subnet_type> <pcalc_dr> <pcalc_system_id> <pcalc_node_id> <pcalc_generation> [
  <pcalc_frag_id>] [<pcalc_ip_addr>] [<pcalc_if_id>] [<pcalc_nbr_ip_addr>] [<pcalc_nbr_if_id>]
  [<pcalc_te_metric>] [<pcalc_igp_metric>] [<pcalc_affinity>] [TABLE_srlgs <pcalc_srlg_number>
  ] [<pcalc_switch_cap> <pcalc_encode>] [<pcalc_bw>] [<pcalc_dste_mode>] [TABLE_pcalc_migr
  <pcalc_migration_mode> <pcalc_migration_bw>] [<pcalc_lsp_bw>] [TABLE_prios <pcalc_pri>

<pcalc_lsp_bw_alloc> <pcalc_lsp_bw_avail>] [TABLE_inprogress <pcalc_in_progress_pri>
<pcalc_in_progress_bw> <pcalc_in_progress_sub_bw>]]]]]

- show mpls traffic-eng topology path { <tunnel-intf> [destination <ipaddr>] | destination <ipaddr> } [
bandwidth <kbps> | { priority <take-priority> [<keep-priority>] } | { affinity <affinity-value> [mask
<mask-value>] }] + [__readonly__ <path_dest_ipaddr> <path_bw> <path_setup_pri> <path_hold_pri>
<path_affinity_value> <path_affinity_mask> [<path_match> <path_dest_ipaddr>] [<path_min_bw>
] [<path_max_bw>] [TABLE_hops <path_n_hop> [<path_hop_link_id>] [<path_hop_affinity_value>
] [<path_hop_available_bw>] [<path_hop_dest_ipaddr>]]]

- show mpls traffic-eng tunnels { <tun-intf> | { { [destination <address>] [source-id { <ipaddress> |
<tunnel-id> | <ipaddress> <tunnel-id> }] [role { all | head | middle | tail | remote }] [{ up | down }] [
suboptimal constraints { none | current | max }] [property { backup-tunnel | fast-reroute }] [frrstate {
ready | active }] [name <string> | name-regexp <regexp-string>] [interface { in <in-intf> | out <out-intf>
| <phys-intf> | backup <bkup-intf> }] [attributes <attr-string>] } + } } internal

- show mpls traffic-eng tunnels { <tun-intf> | { { [destination <address>] [source-id { <ipaddress> |
<tunnel-id> | <ipaddress> <tunnel-id> }] [role { all | head | middle | tail | remote }] [{ up | down }] [
suboptimal constraints { none | current | max }] [property { backup-tunnel | fast-reroute }] [frrstate {
ready | active }] [name <string> | name-regexp <regexp-string>] [interface { in <in-intf> | out <out-intf>
| <phys-intf> | backup <bkup-intf> }] [attributes <attr-string>] } + } } statistics internal

- show mpls traffic-eng tunnels { summary | { <tun-intf> } [brief | statistics | accounting | backup | protection
] | { { [destination <address>] [source-id { <ipaddress> | <tunnel-id> | <ipaddress> <tunnel-id> }] [
role { all | head | middle | tail | remote }] [{ up | down }] [suboptimal constraints { none | current | max
}] [property { backup-tunnel | fast-reroute }] [frrstate { ready | active }] [name <string> | name-regexp
<regexp-string>] [interface { in <in-intf> | out <out-intf> | <phys-intf> | backup <bkup-intf> }] [
attributes <attr-string>] } + [brief | statistics [summary] | accounting | backup | protection] } } [
__readonly__ [[[<tun_process_signaller_status>] [<passive_listener_running>] [<rsvp_running>]
[<forwarding_configured>] [<head_vifs> <heads_active> <heads_est> <heads_activated>
<heads_deactivated> <recov_attempts> <recovered> <midpoints> <tails>] [<reopt_interval>
<reopt_remaining>] [<reopt_running>] [<frr_promote_interval> <frr_promote_remaining>] [
<frr_promote_running>] [<frr_onehop_est_interval> <frr_onehop_est_remaining>] [
<frr_est_scan_running>] [<frr_rm_active_est_interval> <frr_rm_active_est_remaining>] [
<frr_active_scan_running>] [<frr_bu_notinuse_interval> <frr_bu_notinuse_remaining>] [
<frr_bu_notinuse_scan_running>] [<auto_bw_coll_interval> <auto_bw_coll_remaining>] [
<auto_bw_coll_running>] [<reeval_interval> <reeval_remaining>] [<reeval_running>]] [
TABLE_tunnels_brief <tun_brief_name> <tun_brief_dest_ip> [<tun_brief_uplink>] [
<tun_brief_downlink>] <tun_brief_gen_status> <tun_brief_conn_status>]] [TABLE_tunnels_protect
[<prot_tunnel_role>] <prot_name> <prot_head_name> <prot_gen_status> <prot_conn_status>
<prot_tsp_src_ipaddr> <prot_tsp_dst_ipaddr> <prot_tsp_tun_instances> [[<backup_none>] [
TABLE_frr_backup_db <bu_protected_intfcs>] [<bu_num_lsps> <bu_num_active_lsps>] [
<bu_bw_any_unlimited_inuse>] [<bu_bw_any_limit> <bu_bw_any_limited_inuse>
<bu_bw_any_limited_bwp_inuse>] [<bu_bw_sub_limit> <bu_bw_sub_limited_inuse> [
<bu_bw_sub_limited_bwp_inuse>]] [<bu_bw_global_limit> <bu_bw_global_limited_inuse> [
<bu_bw_global_limited_bwp_inuse>]]] [<frr_protection_none>] [<no_rsvp_info>] [
<in_frr_is_active> <in_orig_intfc> <in_tun_tag_label> <in_frr_orig_phop> [<in_intfc_with_frr>
<in_frr_phop>]] [<unprotected> <out_orig_name> <out_tun_tag_label> <out_lsp_orig_phop> [
<nhop_is_tail>] [<no_frr_nnhop_info>] [<out_frr_orig_nnhop> <out_frr_orig_nnhop_rtr>]] [
<frr_active_or_ready> <frr_backup_lsp_intfc> <frr_nnhop_or_nhop> <frr_out_backup_intfc>
<lsp_out_intfc> <frr_backup_lsp_out_label> <frr_orig_out_intfc> <frr_orig_out_label>
<frr_orig_out_nhop> [<frr_backup_nnhop> <frr_backup_nnhop_rtr>] <frr_backup_intfc>
<frr_backup_label> <frr_protected_bw> <frr_protect_level> <frr_bw_type>] [[TABLE_prot_protection

[<protection_path_status>] [<protection_common_links>] [<protection_common_nodes>] [
<protection_p2p_links> <protection_multiaccess_links> <protection_both_interfaces>
<protection_one_interface> <protection_zero_interfaces>] [TABLE_primary_protection
<protection_primary_path>] [TABLE_protect_protection <protection_protect_path>] [<protection_type>
<protection_autobw_req> <protection_bw_kbps> <protection_setup_pri> <protection_hold_pri>
<protection_affinity_value> <protection_affinity_mask> <protection_metric_type>] [[[
<protection_in_name>] [<protection_in_label>] [<protection_out_name>] [<protection_out_label>
] [<protection_backup_name>] [<protection_backup_label>] [<protection_frr_active>]] [
<protection_rsvp_lsp_source_addr> <protection_rsvp_lsp_dest_addr> <protection_rsvp_lsp_dest_port>
<protection_rsvp_lsp_source_port> <protection_rsvp_lsp_local_addr>] [{ TABLE_ero_in_protection
[<in_protection_rsvp_ero_addr> <in_protection_rsvp_ero_loose>] [<in_protection_rsvp_ero_routerid>
<in_protection_rsvp_ero_if_id>] }] [{ TABLE_ero_out_protection [<out_protection_rsvp_ero_addr>
<out_protection_rsvp_ero_loose>] [<out_protection_rsvp_ero_routerid> <out_protection_rsvp_ero_if_id>
] }] [{ TABLE_rro_protection [<protection_rsvp_rro_addr>] [<protection_rsvp_rro_protect_avail>
] [<protection_rsvp_rro_protect_in_use>] [<protection_rsvp_rro_bw_protected>] [
<protection_rsvp_rro_node_protect_avail>] [<protection_rsvp_rro_is_node_id>] [
<protection_rsvp_rro_if_addr> <protection_rsvp_rro_if_id>] [<protection_rsvp_rro_label>] }] [[
<protection_rsvp_tspec_rate>] [<protection_rsvp_tspec_burst>] [<protection_rsvp_tspec_peak>]] [
{ TABLE_rro_resv_protection [<resv_protection_rsvp_rro_addr>] [
<resv_protection_rsvp_rro_protect_avail>] [<resv_protection_rsvp_rro_protect_in_use>] [
<resv_protection_rsvp_rro_bw_protected>] [<resv_protection_rsvp_rro_node_protect_avail>] [
<resv_protection_rsvp_rro_is_node_id>] [<resv_protection_rsvp_rro_if_addr>
<resv_protection_rsvp_rro_if_id>] [<resv_protection_rsvp_rro_label>] }] [[
<protection_rsvp_fspec_rate>] [<protection_rsvp_fspec_burst>] [<protection_rsvp_fspec_peak>]]
]]] [TABLE_tunnels [<vif_head_name>] [<lsp_name>] [<sprint_tun_name_stats>] [
<tunnels_shown>] [<dest_intf>] [[<lm_tunnel_name_stats>] [<tsp_dest_ipaddr_stats>] [
<vif_head_name_stats>] [[<tsp_cnt_num_tunnels>] <tsp_cnt_idx_no_path> <tsp_cnt_idx_inval_path>
<tsp_cnt_idx_no_iep> <tsp_cnt_idx_pathchg> <tsp_cnt_idx_loose_reopt> <tsp_cnt_idx_statechg>
<tsp_cnt_idx_tun_down> <tsp_cnt_idx_oper_down> <tsp_cnt_idx_sig_ok> <tsp_cnt_idx_sig_timeout>
<tsp_cnt_idx_bad_path> <tsp_cnt_idx_sig_abort> <tsp_cnt_idx_nobw> <tsp_cnt_idx_noroute>
<tsp_cnt_idx_admin> <tsp_cnt_idx_bad> <tsp_cnt_idx_rro_loop> <tsp_cnt_idx_frr_active>
<tsp_cnt_idx_other> [TABLE_rrr_db <tsp_rrr_db_type> <tsp_rrr_db_in_use> <tsp_rrr_db_allocated>
<tsp_rrr_db_freed>] [<he_mgr_tbl_id>] [<lm_mgr_tbl_id>]] [<time_passed> <output_rate>
<packet_rate> <normalized>]] [<sprint_tun_name> <tsp_dest_ipaddr>] [<lm_tunnel_name>] [
<gen_status>] [<conn_status>] [<tsp_setup_valid>] [<tsp_setup_status>] [TABLE_members [
<member_name> [TABLE_member_exp [<member_exp_bits>]] [<member_default_exp_bit>]]]
[[<current_reopt_in_progress>] [<current_delayed_clean>] [<current_popt_protect>
<current_popt_idx_str> <current_popt_lockdown> <current_popt_type_str> <current_popt_verbatim>
<current_popt_path_id> [<current_popt_accum_admin_weight>] [<current_popt_out_interface_name>
[<current_popt_label_str> <current_popt_int_prop>] [<current_popt_label_raw_value>]]] [
<current_fwd_adj_hold_up_ms_remaining>] [<current_reroute_pending>] [<current_type>
<current_autobw_req> <current_bw_kbps> <current_setup_pri> <current_hold_pri>
<current_affinity_value> <current_affinity_mask> <current_metric_type>] [[[TABLE_prot_current [
<current_path_status>] [<current_common_links>] [<current_common_nodes>] [<current_p2p_links>
<current_multiaccess_links> <current_both_interfaces> <current_one_interface>
<current_zero_interfaces>] [TABLE_primary_current <current_primary_path>] [
TABLE_protect_current <current_protect_path>] [<current_type> <current_autobw_req>
<current_bw_kbps> <current_setup_pri> <current_hold_pri> <current_affinity_value>
<current_affinity_mask> <current_metric_type>] [[[<current_in_name>] [<current_in_label>] [
<current_out_name>] [<current_out_label>] [<current_backup_name>] [<current_backup_label>]
[<current_frr_active>]] [<current_rsvp_lsp_source_addr> <current_rsvp_lsp_dest_addr>

<current_rsvp_lsp_dest_port> <current_rsvp_lsp_source_port> <current_rsvp_lsp_local_addr>] [{
TABLE_ero_in_current [<in_current_rsvp_ero_addr> <in_current_rsvp_ero_loose>] [
<in_current_rsvp_ero_routerid> <in_current_rsvp_ero_if_id>] }] [{ TABLE_ero_out_current [
<out_current_rsvp_ero_addr> <out_current_rsvp_ero_loose>] [<out_current_rsvp_ero_routerid>
<out_current_rsvp_ero_if_id>] }]] [{ TABLE_rro_current [<current_rsvp_rro_addr>] [
<current_rsvp_rro_protect_avail>] [<current_rsvp_rro_protect_in_use>] [
<current_rsvp_rro_bw_protected>] [<current_rsvp_rro_node_protect_avail>] [
<current_rsvp_rro_is_node_id>] [<current_rsvp_rro_if_addr> <current_rsvp_rro_if_id>] [
<current_rsvp_rro_label>] }] [[<current_rsvp_tspec_rate>] [<current_rsvp_tspec_burst>] [
<current_rsvp_tspec_peak>]] [{ TABLE_rro_resv_current [<resv_current_rsvp_rro_addr>] [
<resv_current_rsvp_rro_protect_avail>] [<resv_current_rsvp_rro_protect_in_use>] [
<resv_current_rsvp_rro_bw_protected>] [<resv_current_rsvp_rro_node_protect_avail>] [
<resv_current_rsvp_rro_is_node_id>] [<resv_current_rsvp_rro_if_addr> <resv_current_rsvp_rro_if_id>
] [<resv_current_rsvp_rro_label>] }] [[<current_rsvp_fspec_rate>] [<current_rsvp_fspec_burst>]
[<current_rsvp_fspec_peak>]]]]] [<prot_current_popt_protect> <prot_current_popt_idx_str>
<prot_current_popt_lockdown> <prot_current_popt_type_str> <prot_current_popt_verbatim>
<prot_current_popt_path_id> [<prot_current_popt_accum_admin_weight>] [
<prot_current_popt_out_interface_name> [<prot_current_popt_label_str> <prot_current_popt_int_prop>
] [<prot_current_popt_label_raw_value>]]]] [TABLE_popts [[<popts_reopt_in_progress>] [
<popts_delayed_clean>] [<popts_popt_protect> <popts_popt_idx_str> <popts_popt_lockdown>
<popts_popt_type_str> <popts_popt_verbatim> <popts_popt_path_id> [
<popts_popt_accum_admin_weight>] [<popts_popt_out_interface_name> [<popts_popt_label_str>
<popts_popt_int_prop>] [<popts_popt_label_raw_value>]]] [<popts_fwd_adj_hold_up_ms_remaining>
] [<popts_reroute_pending>] [<popts_type> <popts_autobw_req> <popts_bw_kbps> <popts_setup_pri>
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TABLE_prot_popts [<popts_path_status>] [<popts_common_links>] [<popts_common_nodes>] [
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<popts_zero_interfaces>] [TABLE_primary_popts <popts_primary_path>] [TABLE_protect_popts
<popts_protect_path>] [<popts_type> <popts_autobw_req> <popts_bw_kbps> <popts_setup_pri>
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<popts_in_name>] [<popts_in_label>] [<popts_out_name>] [<popts_out_label>] [
<popts_backup_name>] [<popts_backup_label>] [<popts_frr_active>]] [
<popts_rsvp_lsp_source_addr> <popts_rsvp_lsp_dest_addr> <popts_rsvp_lsp_dest_port>
<popts_rsvp_lsp_source_port> <popts_rsvp_lsp_local_addr>] [{ TABLE_ero_in_popts [
<in_popts_rsvp_ero_addr> <in_popts_rsvp_ero_loose>] [<in_popts_rsvp_ero_routerid>
<in_popts_rsvp_ero_if_id>] }]] [{ TABLE_ero_out_popts [<out_popts_rsvp_ero_addr>
<out_popts_rsvp_ero_loose>] [<out_popts_rsvp_ero_routerid> <out_popts_rsvp_ero_if_id>] }]] [{
TABLE_rro_popts [<popts_rsvp_rro_addr>] [<popts_rsvp_rro_protect_avail>] [
<popts_rsvp_rro_protect_in_use>] [<popts_rsvp_rro_bw_protected>] [
<popts_rsvp_rro_node_protect_avail>] [<popts_rsvp_rro_is_node_id>] [<popts_rsvp_rro_if_addr>
<popts_rsvp_rro_if_id>] [<popts_rsvp_rro_label>] }] [[<popts_rsvp_tspec_rate>] [
<popts_rsvp_tspec_burst>] [<popts_rsvp_tspec_peak>]] [{ TABLE_rro_resv_popts [
<resv_popts_rsvp_rro_addr>] [<resv_popts_rsvp_rro_protect_avail>] [
<resv_popts_rsvp_rro_protect_in_use>] [<resv_popts_rsvp_rro_bw_protected>] [
<resv_popts_rsvp_rro_node_protect_avail>] [<resv_popts_rsvp_rro_is_node_id>] [
<resv_popts_rsvp_rro_if_addr> <resv_popts_rsvp_rro_if_id>] [<resv_popts_rsvp_rro_label>] }] [[
<popts_rsvp_fspec_rate>] [<popts_rsvp_fspec_burst>] [<popts_rsvp_fspec_peak>]]]]] [
<prot_popts_popt_protect> <prot_popts_popt_idx_str> <prot_popts_popt_lockdown>
<prot_popts_popt_type_str> <prot_popts_popt_verbatim> <prot_popts_popt_path_id> [
<prot_popts_popt_accum_admin_weight>] [<prot_popts_popt_out_interface_name> [
<prot_popts_popt_label_str> <prot_popts_popt_int_prop>] [<prot_popts_popt_label_raw_value>]]

]] [<passive_dest_ipaddr> <passive_tunnnel_id> <passive_incomplete_properties> <passive_dest_str>
] [<config_type> <config_autobw_req> <config_bw_kbps> <config_setup_pri> <config_hold_pri>
<config_affinity_value> <config_affinity_mask> <config_metric_type>] [<tsp_flg_annc>] [
<tsp_active_popt_enbl>] [<fa_holdtime>] [<tsp_autobw_freq> <tsp_autobw_time_left>
<tsp_autobw_time_max> <tsp_autobw_collect> <tsp_autobw_high_or_req> <tsp_autobw_samp_missed>
<tsp_autobw_samp_collected>] [<auto_bw_disabled>] [<active_popt_type_str> <active_popt_idx_str>
<active_popt_bw_override_enabled> <active_popt_lockdown_enabled> <active_popt_verbatim_enabled>
[<active_bw> <active_bw_pool> [<active_autobw> <active_autobw_pool>] [<active_cfg_bw>
<active_cfg_bw_pool>]]] [<passive_sig_name> <passive_sig_setup> <passive_sig_reserv>] [[[
<rsvp_current_in_name>] [<rsvp_current_in_label>] [<rsvp_current_out_name>] [
<rsvp_current_out_label>] [<rsvp_current_backup_name>] [<rsvp_current_backup_label>] [
<rsvp_current_frr_active>]] [<rsvp_current_rsvp_lsp_source_addr> <rsvp_current_rsvp_lsp_dest_addr>
<rsvp_current_rsvp_lsp_dest_port> <rsvp_current_rsvp_lsp_source_port>
<rsvp_current_rsvp_lsp_local_addr>] [{ TABLE_ero_in_rsvp_current [
<in_rsvp_current_rsvp_ero_addr> <in_rsvp_current_rsvp_ero_loose>] [
<in_rsvp_current_rsvp_ero_routerid> <in_rsvp_current_rsvp_ero_if_id>] }] [{
TABLE_ero_out_rsvp_current [<out_rsvp_current_rsvp_ero_addr> <out_rsvp_current_rsvp_ero_loose>
] [<out_rsvp_current_rsvp_ero_routerid> <out_rsvp_current_rsvp_ero_if_id>] }] [{
TABLE_rro_rsvp_current [<rsvp_current_rsvp_rro_addr>] [<rsvp_current_rsvp_rro_protect_avail>
] [<rsvp_current_rsvp_rro_protect_in_use>] [<rsvp_current_rsvp_rro_bw_protected>] [
<rsvp_current_rsvp_rro_node_protect_avail>] [<rsvp_current_rsvp_rro_is_node_id>] [
<rsvp_current_rsvp_rro_if_addr> <rsvp_current_rsvp_rro_if_id>] [<rsvp_current_rsvp_rro_label>] }
] [[<rsvp_current_rsvp_tspec_rate>] [<rsvp_current_rsvp_tspec_burst>] [
<rsvp_current_rsvp_tspec_peak>]] [{ TABLE_rro_resv_rsvp_current [
<resv_rsvp_current_rsvp_rro_addr>] [<resv_rsvp_current_rsvp_rro_protect_avail>] [
<resv_rsvp_current_rsvp_rro_protect_in_use>] [<resv_rsvp_current_rsvp_rro_bw_protected>] [
<resv_rsvp_current_rsvp_rro_node_protect_avail>] [<resv_rsvp_current_rsvp_rro_is_node_id>] [
<resv_rsvp_current_rsvp_rro_if_addr> <resv_rsvp_current_rsvp_rro_if_id>] [
<resv_rsvp_current_rsvp_rro_label>] }]] [[<rsvp_current_rsvp_fspec_rate>] [
<rsvp_current_rsvp_fspec_burst>] [<rsvp_current_rsvp_fspec_peak>]]] [[<spf_path_info_str>] [
<spfw_pathw_str>] [<spfw_unknown_str>] [<spfw_accum_admin_weigth>] [<spfw_metric_type>
] [<spf_exp_prefix>] [<spf_hop_unknown>] [TABLE_spf_hoplist <spf_hop_ipaddr> [<spf_hop_intf>
]]] [[<hist_create_time>] [<hist_path_change_time>] [<hist_tun_instances>] [<hist_uptime>] [
<hist_setup_time>] [<hist_selection>] [<hist_perr_loc_current>] [<hist_perr_desc_current>] [
<hist_uptime_reopt>] [<hist_setup_time_reopt>] [<hist_perr_loc_reopt>] [<hist_perr_desc_reopt>
] [<hist_prev_popt_idx_str>] [<hist_prev_instance>] [<hist_prev_unknown>] [
<hist_setup_fail_reason>] [<hist_perr_loc_prev>] [<hist_perr_desc_prev>] [<hist_other_po_idx>]
[<hist_perr_loc_other>] [<hist_perr_desc_other>]]] [<heads_shown> <head_vifs> <mids_shown>
<midpoints> <tails_shown> <tails>]]

• show mpls traffic-eng { fast-reroute database summary | tunnels fast-reroute summary | tunnels protection
summary } [__readonly__ [<frr_num_lsps> <frr_num_active_lsps> <frr_backup_tunnels>
<frr_active_intfs>]]

• show mpls traffic-eng { { fast-reroute database [destination <dest-addr>] [interface <intfc>] [
backup-interface { <tunnel-intf> | unresolved }] [role { head | middle } | state { active | ready | requested
}] [detail] } | { tunnels fast-reroute } } [__readonly__ [{ TABLE_frr_db <protected_tun> [
<sprint_downlink_name> <sprint_tun_protected_bw> [<sprint_prot_bw>] [<backup_none> |
<sprint_tun_backup_name> <sprint_tun_lsp_frr_out_active> <sprint_tun_frr_protect_level>
<sprint_tun_frr_out_nnhop>]] }]]

- 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>]]]]]

- 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> <plbshowinfo-stats-node-pkts> <plbshowinfo-stats-node-pkts-percentage> [<plbshowinfo-stats-acl-pkts>] [<plbshowinfo-for-ace>]]] <plb-show-end> [<plb-true-end>]]

- show plb session device-group [<group-name>] [__readonly__ <first_entry> [TABLE_svc <node>]]

- show plb vrf [<vrf-name>] [__readonly__ <plbshowinfo-vrf-hdr> { TABLE_svc <plbshowinfo-vrf-service_name> <plbshowinfo-vrf-name> <plbshowinfo-vrf-id> } <plb-show-end> [<plb-true-end>]]

- show running-config mpls traffic-eng [all]

- show running-config plb-services

- show running-config rsvp

- show running-config smart-channel

- show smart-channel <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> <lb_scheme> [<interface>] <state> <buckets> [<reason>] <vrf_name> <userACL> [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>]] [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 startup-config mpls traffic-eng [all]

- show startup-config plb-services

- show startup-config rsvp

- show startup-config smart-channel

- show system dme status [__readonly__ <dme-status>]

- show tech-support ip rsvp [brief]

- show tech-support mpls traffic-eng [brief]

- show tech-support plb-services [detail]

- show tech-support smartc [detail]