



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

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New Commands

The following commands are added in this release.

- [no] access-list ipv6 <acl-name>
- [no] address-family ipv4
- [no] address-family ipv6
- [no] bandwidth <bw_val>
- [no] boot poap enable
- [no] capture drops
- clear routing ip multicast rpf-source retry-cache [vrf { <vrf-name> | <vrf-known-name> | all }]
- clear system config reload-pending
- [no] collect <stats_type>
- [no] collector <collectorname>
- configure replace commit
- [no] connected-prefix-sid-map
- [no] debug hw_telemetry all
- [no] debug hw_telemetry ascii-cfg
- [no] debug hw_telemetry errors
- [no] debug hw_telemetry mts
- [no] debug hw_telemetry trace
- [no] debug segment-routing detail-trace
- [no] debug segment-routing ha
- [no] debug segment-routing trace
- dest-ipaddr { <ip-address> | <hostname> | <ipv6-address> }
- [no] destination ip-address <ipaddr> [vrf { <vrf-name> | <vrf-known-name> }]
- [no] destination udp-port <udpport>
- [no] device-group <group-name>
- [no] dfe-tuning-delay <delay-val>
- [no] dscp <dscp>
- [no] event <eventname>
- event-history hw_telemetry { category { all | mts [{ rx [{ brief | detail }] | tx [{ brief1 | detail1 }] }] } | no category { all | mts [{ rx [{ brief1 | detail1 }] | tx [{ brief2 | detail2 }] }] } }

- fec <fec_val_new> | no fec [<fec_val_new>]
- [no] feature grpc
- [no] feature netconf
- [no] feature restconf
- [no] fte event <eventname>
- [no] fte exporter <exportername>
- [no] fte monitor <monitorname>
- [no] fte record <recordname>
- [no] global-block <min-srgb-label> <max-srgb-label>
- [no] hardware profile svi flex-stats-enable
- [no] hardware qos aqm ecn head
- [no] icam monitor scale
- [no] icam monitor scale { { threshold info <ithres> warning <wthres> critical <cthres> } | { { { l2-switching { mac-addresses | mst-instances | mst-vports | rpvst-vports | rpvst-vlans | vlans } } | { multicast-routing { multicast-routes | igmp-groups | pim-neighbors | outgoing-interfaces } } | { unicast-routing { bfd-sessions | eigrp-routes | ipv4-arp | ipv4-host-routes | ipv6-host-routes | ipv4-isis-routes | ospf-size } } | { vxlan { test } } } } limit <nlimit> } }
- [no] interface breakout-profile <profile>
- [no] interval <timeinterval>
- [no] ip igmp heavy-template
- [no] ip pim extranet
- [no] ip pim prune-on-expiry
- [no] ip verify unicast source reachable-via { rx | any [allow-default] } [policy { <policy-name> | <acl_pol_name> }]
- [no] ipv6 verify unicast source reachable-via { rx | any [allow-default] }
- [no] isis event-history sr { size { <size_in_text> | <size_in_kbytes> } }
- [no] isis event-history ulib { size { <size_in_text> | <size_in_kbytes> } }
- [no] isis prefix-attributes n-flag-clear
- { [no] debug | undebg } isis [<isis-tag>] distribute-ls
- { [no] debug | undebg } isis [<isis-tag>] lslib enable-file-tracing
- { [no] debug | undebg } isis [<isis-tag>] lslib errors
- { [no] debug | undebg } isis [<isis-tag>] lslib traces
- { [no] debug | undebg } isis [<isis-tag>] lslib verbose-traces
- { [no] debug | undebg } isis [<isis-tag>] sr

- { [no] debug | undebg } isis [<isis-tag>] ulib
- [no] lacp system-mac <mac-address> [role <role>
- [no] logging level hw_telemetry <i0>
- [no] logging level segment-routing <i0>
- [no] mtu <mtu>
- [no] parity <parity-value>
- [no] ptp bad_correction logging
- [no] ptp convergence-time [<val>]
- reload timer <delay>
- [no] snmp-server drop { unknown-user | unknown-engine-id }
- [no] snmp-server enable traps ospfv3 <tag> lsa
- [no] source ip-address <ipaddr>
- [no] source udp-port <udpport>
- [no] ssx collector <collectorname>
- [no] ssx monitor <monitorname>
- [no] ssx record <recordname>
- [no] switchport trunk allow-multi-tag
- [no] system fte monitor <monitorname>
- [no] system module emon-enhanced
- [no] system ssx monitor <monitorname>
- [no] system ssx system-id <systemid>
- [no] test system internal ptp stdout-log
- [no] timers srgb cleanup <interval>
- [no] timers srgb retry <interval>
- [no] { platform | hardware } qos { [cpu-pg-size <cpu-size>] [lcpu-pg-size <lcpu-size>] [span-pg-size <span-size>] }
- [no] { { <address> <mask> } | { <prefix> } } [index | absolute] <label>

Changed Commands

The following commands are changed in this release.

- OLD: clear bgp event-history { <bgp-event-hist> | detail | periodic | errors | objstore | all | msgs }
- NEW: clear bgp event-history { <bgp-event-hist> | detail | periodic | errors | objstore | developer | all | msgs }
- OLD: [no] configure config-template <name> { type vrf } { create | delete } substitute <match_replace>
- NEW: [no] configure config-template <name> { on-vrf-create | on-vrf-delete } substitute <match_replace>
- OLD: configure replace { <uri_local> | <uri_remote> [source-interface <intf> | vrf <vrf-known-name>] } [[[verbose] [debug | stop-at-first-failure]] | show-patch]
- NEW: configure replace { <uri_local> | <uri_remote> [source-interface <intf> | vrf <vrf-known-name>] } [[[verbose] [debug | stop-at-first-failure] [commit-timeout <time>]] | show-patch]
- OLD: encapsulation dot1Q <vlan_id> | no encapsulation dot1Q [<vlan_id>]
- NEW: encapsulation dot1q <vlan_id> | no encapsulation dot1q [<vlan_id>]
- OLD: link debounce [time <time_val>] | no link debounce [time <time_val>]
- NEW: link debounce { [link-up [time <time_val_link_up>]] [time <time_val>] } | no link debounce [link-up]
- OLD: [no] ip load-sharing address { source-destination [port source-destination2 | gre | gre-outer] | destination port2 destination2 | source } { [rotate <rotate>] [concatenation] } + [universal-id <random-seed>] | no ip load-sharing address
- NEW: [no] ip load-sharing address { source-destination [port source-destination2 | gre | gre-outer | gtpu] | destination port2 destination2 | source } { [rotate <rotate>] [concatenation] } + [universal-id <random-seed>] | no ip load-sharing address
- OLD: [no] ip service-reflect [<src-if>] destination <in-grp> to <out-grp> mask-len <g-mlen> source <in-out-src> [to <out-src> mask-len <s-mlen>]
- NEW: [no] ip service-reflect [<src-if>] destination <in-grp> to <out-grp> mask-len <g-mlen> source <in-out-src> [to <out-src> mask-len <s-mlen>] [sequence-number <seq-num>]
- OLD: [no] macsec keychain <keychain_name> [policy <policy_name>]
- NEW: [no] macsec keychain <keychain_name> [policy <policy_name>] [fallback-keychain <fallback_kc_name>] | [no] macsec keychain <keychain_name> [fallback-keychain <fallback_kc_name>] [policy <policy_name>]
- OLD: [no] mode tap-aggregation
- NEW: [no] mode tap-aggregation [{ vlan <vlan_id> }]
- OLD: [no] mpls strip

- NEW: [no] mpls strip [{ mode dot1q }]
- OLD: [no] nbm mode flow
- NEW: [no] nbm mode pim-active [__readonly__ <output>]
- OLD: [no] snmp-server enable traps ospfv3 [<tag>] lsa
- NEW: [no] snmp-server enable traps ospfv3 lsa
- OLD: [no] stopbits { 1 }
- NEW: [no] stopbits <stopbits-value>
- OLD: [no] tcp-connect { <hostname> | <ip-address> } <dest-port> { [control { disable | enable }] [source-ip { <source-ip-hostname> | <source-ip-address> }] [source-port <src-port>] } +
- NEW: [no] tcp-connect { <hostname> | <ip-address> | <ipv6-address> } <dest-port> { [control { disable | enable }] [source-ip { <source-ip-hostname> | <source-ip-address> | <source-ipv6-address> }] [source-port <src-port>] } +
- OLD: [no] wedge bmc ip-addr <ip>
- NEW: [no] wedge bmc ip-addr { <ip> | <ip_v6> }

Deprecated Commands

The following commands are removed in this release.

- bandwidth <value>
- device-group <group-name>
- global-block <min-srgb-label> <max-srgb-label>
- ip verify unicast source reachable-via { rx | any [allow-default] } [policy { <policy-name> | <acl_pol_name> }]
- ipv6 verify unicast source reachable-via { rx | any [allow-default] }
- license grace period <i0>
- license grace-period
- license grace-period days <i0>
- license grace-period seconds <i0>
- logging level mtc-usd <level> | no logging level mtc-usd
- plb <service-name>
- plb analytics <service-name>
- plb device-group <group-name>
- python execute virtual-service <service> command [<pyargs>] +

