



# **New, Changed, and Deprecated Configuration Commands in Cisco Nexus 9000 Release 7.0(3)I7(7)**

---

- [New Commands, on page 2](#)
- [Changed Commands, on page 3](#)
- [Deprecated Commands, on page 4](#)

## New Commands

The following commands are added in this release.

- [ no ] bfd authentication interop
- clear ip nat statistics
- [ no ] icam monitor interval <interval-hours> { num\_intervals | history } <number-of-intervals>
- [ no ] ip pps threshold unicast-forward <size> [ <logInterval> ]
- [ no ] ipv4 <aclname>
- [ no ] ipv6 <aclname>
- [ no ] link dfe adaptive-tuning
- [ no ] link mac-up timer <mac\_up\_timer\_val>
- [ no ] logging history { <i0> | size <i1> }
- [ no ] logging level ngmvpn <level>
- [ no ] mac address-table loop-detect nve port-down
- set inner mpls { l3-type <l3\_type> | label0\_lbl <label0\_lbl> | label0\_ttl <label0\_ttl> | label0\_sbit <label0\_sbit> | label1\_lbl <label1\_lbl> | label1\_ttl <label1\_ttl> | label1\_sbit <label1\_sbit> | label2\_lbl <label2\_lbl> | label2\_ttl <label2\_ttl> | label2\_sbit <label2\_sbit> | label3\_lbl <label3\_lbl> | label3\_ttl <label3\_ttl> | label3\_sbit <label3\_sbit> | label4\_lbl <label4\_lbl> | label4\_ttl <label4\_ttl> | label4\_sbit <label4\_sbit> | label5\_lbl <label5\_lbl> | label5\_ttl <label5\_ttl> | label5\_sbit <label5\_sbit> } +
- set outer mpls { l3-type <l3\_type> | label0\_lbl <label0\_lbl> | label0\_ttl <label0\_ttl> | label0\_sbit <label0\_sbit> | label1\_lbl <label1\_lbl> | label1\_ttl <label1\_ttl> | label1\_sbit <label1\_sbit> | label2\_lbl <label2\_lbl> | label2\_ttl <label2\_ttl> | label2\_sbit <label2\_sbit> | label3\_lbl <label3\_lbl> | label3\_ttl <label3\_ttl> | label3\_sbit <label3\_sbit> | label4\_lbl <label4\_lbl> | label4\_ttl <label4\_ttl> | label4\_sbit <label4\_sbit> | label5\_lbl <label5\_lbl> | label5\_ttl <label5\_ttl> | label5\_sbit <label5\_sbit> } +
- set { outer | inner } mpls { l3-type <l3\_type> | label0\_lbl <label0\_lbl> | label0\_ttl <label0\_ttl> | label0\_sbit <label0\_sbit> | label1\_lbl <label1\_lbl> | label1\_ttl <label1\_ttl> | label1\_sbit <label1\_sbit> | label2\_lbl <label2\_lbl> | label2\_ttl <label2\_ttl> | label2\_sbit <label2\_sbit> | label3\_lbl <label3\_lbl> | label3\_ttl <label3\_ttl> | label3\_sbit <label3\_sbit> | label4\_lbl <label4\_lbl> | label4\_ttl <label4\_ttl> | label4\_sbit <label4\_sbit> | label5\_lbl <label5\_lbl> | label5\_ttl <label5\_ttl> | label5\_sbit <label5\_sbit> } +
- [ no ] snmp-server drop { unknown-user | unknown-engine-id }

## Changed Commands

The following commands are changed in this release.

- OLD: [ no ] icam monitor entries acl module <module> inst <inst>
- NEW: [ no ] icam monitor entries acl [ module <module> [ inst <inst> ] ]
- OLD: [ no ] icam monitor resource { acl\_tcaml fib\_tcaml } module <module> inst <inst>
- NEW: [ no ] icam monitor resource { acl\_tcaml acl-tcaml fib\_tcaml fib-tcaml } [ module <module> [ inst <inst> ] ]
- OLD: [ no ] icam monitor scale { { threshold info <ithres> warning <wthres> critical <cthes> } | { { { l2-switching { mac-addresses | mst-instances | mst-vports | rpvst-vports | rpvst-vlans | total-vlans-x-ports | 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-nbr | ospf-lsa | ospf-area | ospf-vrf | ospf-passive-intf } } } | { vxlan { test } } } } limit <nlimit> } }
- NEW: [ no ] icam monitor scale { { threshold info <ithres> warning <wthres> critical <cthes> } | { { { l2-switching { mac-addresses | mst-instances | mst-vports | rpvst-vports | rpvst-vlans | total-vlans-x-ports | vlans | infra { mac } | stp { mst-instance | mst-vport | rpvst-vport | rpvst-vlan | isolated-portvlan } | vlan { vlan-count } } } | { multicast-routing { multicast-routes | igmp-groups | pim-neighbors | outgoing-interfaces | routing-forwarding { route-v4 | route-v6 | outgoing-interface } | igmp { group } | pim { neighbor } } } } | { unicast-routing { bfd-sessions | eigrp-routes | ipv4-arp | ipv4-host-routes | ipv6-host-routes | ipv4-isis-routes | ospf-nbr | ospf-lsa | ospf-area | ospf-vrf | ospf-passive-intf | bfd { session } | bgp { neighbor } | eigrp { route | neighbor } | hsrp { mac } | arp { arp-count } | ipv6-nd { nd-count } | routing { host-route-v4 | host-route-v6 | lpm-route-v4 | lpm-route-v6 } | isis { adjacency | bfd-session | route } | ospf { neighbor | lsa | area } | vrf { vrf-count } | vrrp { grp-per-intf } | pbr { seq-per-policy | nh-per-policy | ace-v4 | ace-v6 | ace-v4v6 | intf } | vrrp3 { grp-per-intf | grp-dft-timer | grp-relax-timer | path-dft-timer | grp-and-path } } } } | { vxlan { igmp { vlan | vtep | underlay-mcast-group } | fl { vni | underlay-mcast-group | total-mac | vtep | ir-peer | ir-vni | ir-mac | vlan-mapping-under-intf | vlan-mapping-in-switch | static-mac-to-vtep | vlan-logical-port-vp | vlan-per-fex-port | vni-for-vpc-gw | igmp-group } | bgp { vni | svi | vrf | underlay-mcast-group | vtep | mac | host-route-v4 | host-route-v6 | overlay-lpm-route-v4 | overlay-lpm-route-v6 | vlan-logical-port-vp | vlan-per-fex-port | igmp-group } | bgp-ir { vni | svi | vrf | vtep | mac | host-route-v4 | host-route-v6 | overlay-lpm-route-v4 | overlay-lpm-route-v6 | vlan-logical-port-vp | vlan-per-fex-port | igmp-group } } } } limit <nlimit> } }

## Deprecated Commands

The following commands are removed in this release.

- [ no ] feature plb
- [ no ] icam monitor interval <interval-hours> num\_intervals <number-of-intervals>
- [ no ] { ipv4 | ipv6 } <aclname>