New, Changed, and Deprecated Commands

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New, Changed, and Deprecated Commands in Cisco APIC Release 4.0(1)

The following sections describe changes in the APIC NXOS-style CLI since Release 3.2(1) .

New Commands

The following commands are added in this release.

- advertise-host-routes
- algo wred|tail-drop
- attach-ave-ng <OpflexDevid>
- authsvr <WORD> <WORD> <svrMgmt> <WORD>
- authsvrgrp <WORD>
- avail-monitor enable
- ave-hbinterval <WORD>
- ave-timeout <WORD>
- clear tenant <WORD> bridge-domain <WORD> first-hop-security violation-event all
- client-cert-ca <ca-name>
- client-cert-state-enable
- compatibility-check
- config-file <config-file>
- consumption <4000-30000>
- consumption <consumption>
- ecn enabled|disabled
- enhancedlacp <lag-policy-name>
- epg tenant <> application <> epg <>
- esx-avail-override <esx-hostname> green|yellow|red
- external-switch-node <node-name>
- fc-channel-group <WORD>
- fwdnonecn enabled|disabled
- inherit ipsla <WORD>
- inst-pol <WORD> <vmm-domain> <ctrlr> <vm-template> <resource-pool> <datastore>
- interface fc-port-channel <WORD>

- ip pim fabric-rp-address <A.B.C.D> [route-map <WORD>]

- ip pim inter-vrf-src <WORD> <WORD> [route-map <WORD>]

- ipdataplanelearning disabled

- ipsla-pol <WORD>

- lag-policy <lag-policy-name>

- lbmode <Loadbalancing-Mode>

- managed-nic-prof <externalId> <vmm-domain>

- managed-uplink-prof <externalId>

- management-uri <management-uri>

- max <4000-30000>

- maxthreshold <maxThresholdValue>

- minthreshold <minThresholdValue>

- mode <power mode>

- mode active|passive

- npv traffic-map external-interface fc-port-channel <ifRange> tenant <WORD> label <WORD>

- npv traffic-map server-interface fc <ifRange> label <WORD> tenant <WORD> application <WORD> epg <WORD>

- numlinks <NUMBER>

- password <password>

- policeact <>

- power-over-ethernet <WORD>

- power-over-ethernet consumption <4000-30000>

- power-over-ethernet pwrctrl <power control>

- priority <high|low>

- probability <probabilityValue>

- pskindex <WORD>

- pskstring <WORD>

- pwrctrl <pwrCtrl>

- rotrigger snapshot export <WORD>

- sakexpirytime <NUMBER>

- service-policy type control-plane-if <> <WORD>

- service-policy type data-plane <> <WORD>

- show cloudave

- show cloudsec summary

- show firmware compat matrix <WORD>

- sla-detectmultiplier <NUMBER>

- sla-frequency <NUMBER>

- sla-port <NUMBER>

- sla-type <WORD>

- stoprekey <yes|no>

- switchport fillpattern <>

- switchport power-over-ethernet <WORD>

- switchport power-over-ethernet consumption <4000-30000>

- switchport power-over-ethernet epg tenant <> application <> epg <>

- switchport power-over-ethernet max <4000-30000>

- switchport power-over-ethernet mode <power mode>

- switchport power-over-ethernet policeact <>

- switchport power-over-ethernet priority <high|low>

- switchport power-over-ethernet vlan <1-4094>

- switchport trunkmode <>

- system external-switch-group <group-name>

- template cloudsec <WORD>

- template power-over-ethernet node-policy <WORD>

- trigger-inventory <trigger-inventory>

- troubleshoot extext session <session_name> atomiccounter

- troubleshoot extext session <session_name> description <LINE>

- troubleshoot extext session <session_name> latency [mode <mode>]

- troubleshoot extext session <session_name> latestminutes <minutes>

- troubleshoot extext session <session_name> monitor destination apic srcipprefix <sip/m> [analyser <aip>] [erspan-id <id>] [spansrcports <pathep-list>]

- troubleshoot extext session <session_name> monitor destination prefdestgroup <destgroup_name> [spansrcports <pathep-list>]

- troubleshoot extext session <session_name> monitor destination tenant <tn_name> application <ap_name> epg <epg_name> destip <dip> srcipprefix <sip/m> [erspan-id <id>] [spansrcports <pathep-list>]

- troubleshoot extext session <session_name> scheduler <sch_name> [format <format>]

- troubleshoot extext session <session_name> srcextip <srcextip> tenant <stenant_name> l3out <l3out_name> destextip <dstextip> tenant <dtenant_name> l3out <l3out_name>

- troubleshoot extext session <session_name> starttime <start_time> endtime <end_time>

- troubleshoot extext session <session_name> traceroute

- troubleshoot extext session <session_name> traceroute protocol icmp

- troubleshoot extext session <session_name> traceroute protocol tcp [destport <port>]

- troubleshoot extext session <session_name> traceroute protocol udp [destport <port>]

- user <user-name>

- vemcmd dp dump bdrvteplist swbd <swbd>

- vemcmd dp dump vrfrvteplist vrfvnid <vrfvnid>

- vemcmd dpa dump

- vemcmd dpa dump contracts all|agent|uri|log-dp|log-agent

- vemcmd dpa dump modb

- vemcmd dpa epg add <filename>

- vemcmd dpa epg remove <filename>

- vemcmd dpa show

- vemcmd dpa show contracts

- vemcmd dpa show contracts change-list

- vemcmd dpa show contracts epg-pair <prov-epg> <cons-epg>

- vemcmd dpa show contracts log change-list|contracts|epg

- vemcmd show bd

- vemcmd show bdsubnet

- vemcmd show contracts epg-pairs|filters|stats

- vemcmd show coop publish|query

- vemcmd show hrep

- vemcmd show hrep info

- vemcmd show l3

- vemcmd show l3 all

- vemcmd show macpool <intfname>

- vemcmd show mtep ipaddress

- vemcmd show vxlanstats

- vemcmd show vxlanvtepmap

- vemcmd show vxlanvteps

- vemdebug set infra tagging 0|1

- weight <weightValue>

Changed Commands

The following commands are modified in this release.

- OLD: cluster-device <WORD> [vcenter <WORD>] [vm <WORD>]

- NEW: cluster-device <WORD> [vcenter <WORD>] [vm <WORD>] [host <host>] [management-ip <management-ip>] [gateway <gateway>] [subnet-mask <subnet-mask>] [management-port <management-port>] [management-vnic <management-vnic>] [mgmt-portgroup <mgmt-portgroup>] [ha-portgroup <ha-portgroup>] [ha-vnic <ha-vnic>] [user-name <WORD>]

- OLD: l4l7 cluster name <WORD> type <type> vlan-domain <domain-name> [switching-mode <switching-mode>] [service <service>] [function <function>] [context <context>] [trunking <enable|disable>]

- NEW: l4l7 cluster name <WORD> type <type> vlan-domain <domain-name> [switching-mode <switching-mode>] [service <service>] [function <function>] [context <context>] [trunking <enable|disable>] [vm-instantiation-policy <vm-instantiation-policy>]

- OLD: pause no-drop cos <NUMBER>

- NEW: pause no-drop cos <NUMBER> [fabric]

- OLD: qos parameters level1|level2|level3

- NEW: qos parameters <WORD>

- OLD: server <WORD> [prefer] [key <>] [use-vrf <>]

- NEW: server <WORD> [prefer] [key <>] [use-epg <>] [use-vrf <>]

- OLD: set qos-class unspecified|level1|level2|level3

- NEW: set qos-class unspecified|level1|level2|level3|level4|level5|level6

- OLD: set server-timeout <10-65535>

- NEW: set server-timeout <4-65535>

- OLD: set supp-timeout <10-65535>

- NEW: set supp-timeout <4-65535>

- OLD: set tx-period <10-65535>

- NEW: set tx-period <4-65535>

- OLD: snmp-server trap-fwd-server <server-ip>

- NEW: snmp-server trap-fwd-server <server-ip> [port <port>]

- OLD: switchport port-authentication server-timeout <10-65535>

- NEW: switchport port-authentication server-timeout <4-65535>

- OLD: switchport port-authentication supp-timeout <10-65535>

- NEW: switchport port-authentication supp-timeout <4-65535>

- OLD: switchport port-authentication tx-period <10-65535>

- NEW: switchport port-authentication tx-period <4-65535>

- OLD: template fc-pc <WORD>

- NEW: template fc-port-channel <WORD>

- OLD: vemcmd show l2 <l2_vlan>

- NEW: vemcmd show l2 all|<0-4096>

- OLD: vemcmd show opflex

- NEW: vemcmd show opflex cloud

- OLD: vmware-domain member <WORD> [encap <WORD>] [primary-encap <WORD>] [allow-micro-segmentation] [deploy <WORD>] [push <WORD>] [delimiter <WORD>]

- NEW: vmware-domain member <WORD> [encap <WORD>] [primary-encap <WORD>] [allow-micro-segmentation] [deploy <WORD>] [push <WORD>] [binding-type staticBinding|dynamicBinding|ephemeral] [port-allocation fixed|elastic] [num-ports <WORD>] [delimiter <WORD>]

Deprecated Commands

The following command is removed in this release.

- trusted