New and Changed Commands Reference for Cisco NCS 6000 Series Routers

New and Changed Commands

This list summarizes the commands which were newly added and changed in *Cisco IOS XR Software*, for Cisco NCS 6000 Series Routers, and gives you the location where the commands are documented.

To read additional information about Cisco IOS XR Software features, see the Release Notes:

Release Notes

The latest versions of Cisco IOS XR Software documents are available at:

Cisco IOS XR Software Documents

Configuration Guides

Command References

Commands Newly Added and Changed for Cisco NCS 6000 Series Routers

Command	Change Description
Release 5.2.4	
class-map type traffic (BGP-flowspec)	This command was introduced.
class type traffic	This command was introduced.
drop (BGP-flowspec)	This command was introduced.
flowspec	This command was introduced.
flowspec disable	This command was introduced.
local-install	This command was introduced.
match destination-address	This command was introduced.
match destination-port	This command was introduced.
match dscp	This command was introduced.
match fragment-type	This command was introduced.
match icmp code	This command was introduced.
match icmp type	This command was introduced.
match packet length	This command was introduced.
match protocol	This command was introduced.

Command	Change Description
match source-address	This command was introduced.
match source-port	This command was introduced.
match tcp flag	This command was introduced.
policy-map	This command was introduced.
redirect (BGP Flowspec)	This command was introduced.
service-policy	This command was introduced.
show flowspec	This command was introduced.
Release 5.2.3	
admin-state	This command was introduced.
controller dwdm	This command was introduced.
g709 bdi-to-client-gais	This command was introduced.
g709 disable	This command was introduced.
g709 fec	This command was introduced.
g709 otu threshold	This command was introduced.
g709 tim-to-client-gais	This command was introduced.
g709 tti-processing	This command was introduced.
log signal	This command was introduced.
loopback (DWDM)	This command was introduced.
maintenance disable	This command was introduced.
network connection id	This command was introduced.
network port id	This command was introduced.
network srlg	This command was introduced.
rx-los-threshold	This command was introduced.
show controller dwdm	This command was introduced.
transmit-power	This command was introduced.
wavelength	This command was introduced.

Command	Change Description
nsr disable (BGP)	This command was introduced.
show controller ccc ethernet	New trace names were added.
show controller ccc event-history	This command was introduced.
show controller ccc inventory	The command output for the summary keyword was enhanced to display the card state information.
show controller ccc notif-history	This command was introduced.
show controller ccc oir-history	This command was introduced.
show controller ccc trace	New trace names were added.
hw-module location	A reload of the hardware after the slice is shutdown using the reload keyword is not required as the slice is dynamically reset.
show platform	The output for the detail keyword captures card failure events and the reason for failure when show platform command is run in System Admin EXEC mode.
install extract	This command was introduced.
install prepare issu	This command was introduced.
install activate issu	This command was introduced.
install activate issu load	This command was introduced.
install activate issu run	This command was introduced.
install deactivate issu	This command was introduced.
install activate issu cleanup	This command was introduced.
install activate issu abort	This command was introduced.
show issu summary	This command was introduced.
users	This command was introduced.
action (IP SLA)	This command was introduced.
ageout	This command was introduced.
buckets (statistics hourly)	This command was introduced.
buckets (statistics interval)	This command was introduced.
control disable	This command was introduced.

Command	Change Description
datasize request	This command was introduced.
destination address (IP SLA)	This command was introduced.
destination port	This command was introduced.
distribution count	This command was introduced.
distribution interval	This command was introduced.
frequency (IP SLA)	This command was introduced.
ipsla	This command was introduced.
key-chain	This command was introduced.
life	This command was introduced.
low-memory	This command was introduced.
operation	This command was introduced.
packet count	This command was introduced.
packet interval	This command was introduced.
react	This command was introduced.
reaction operation	This command was introduced.
reaction trigger	This command was introduced.
responder	This command was introduced.
recurring	This command was introduced.
schedule operation	This command was introduced.
show ipsla application	This command was introduced.
show ipsla history	This command was introduced.
show ipsla responder statistics	This command was introduced.
show ipsla statistics	This command was introduced.
show ipsla statistics aggregated	This command was introduced.
show ipsla statistics enhanced aggregated	This command was introduced.
source address	This command was introduced.

Command	Change Description
source port	This command was introduced.
start-time	This command was introduced.
statistics	This command was introduced.
tag (IP SLA)	This command was introduced.
threshold	This command was introduced.
threshold type average	This command was introduced.
threshold type consecutive	This command was introduced.
threshold type immediate	This command was introduced.
threshold type xofy	This command was introduced.
timeout (IP SLA)	This command was introduced.
tos	This command was introduced.
type udp jitter	This command was introduced.
type udp ipv4 address	This command was introduced.
verify-data	This command was introduced.
vrf (IP SLA)	This command was introduced.
show aaa accounting	This command was introduced.
show aaa user-group	This command was introduced.
show tech-support aaa	This command was introduced.
Release 5.2.1	
clear lldp	This command was introduced.
lldp	This command was introduced.
lldp (interface)	This command was introduced.
lldp holdtime	This command was introduced.
lldp reinit	This command was introduced.
lldp timer	This command was introduced.
lldp tlv-select disable	This command was introduced.

Command	Change Description
show lldp	This command was introduced.
show lldp entry	This command was introduced.
show lldp errors	This command was introduced.
show lldp interface	This command was introduced.
show lldp neighbors	This command was introduced.
show lldp traffic	This command was introduced.
permit (IPv4)	The default nexthop and nexthop keywords were added to support ACL-based forwarding.
permit (IPv6)	The default nexthop and nexthop keywords were added to support ACL-based forwarding.
show access-lists ipv4	The show command was updated to display ACL-based forwarding information.
clear mpls oam counters	This command was introduced.
echo disable-vendor-extension	This command was introduced.
echo revision	This command was introduced.
mpls oam	This command was introduced.
ping mpls ipv4	This command was introduced.
ping pseudowire (AToM)	This command was introduced.
ping mpls traffic-eng tunnel-te (P2P)	This command was introduced.
ping mpls traffic-eng tunnel-mte (P2MP)	This command was introduced.
ping mpls mldp (P2MP)	This command was introduced.
ping mpls mldp (MP2MP)	This command was introduced.
show mpls oam	This command was introduced.
show mpls oam database	This command was introduced.
traceroute mpls ipv4	This command was introduced.
traceroute mpls multipath	This command was introduced.
traceroute mpls traffic-eng tunnel-te (P2P)	This command was introduced.

Command	Change Description
traceroute mpls traffic-eng tunnel-mte (P2MP)	This command was introduced.
traceroute mpls mldp (P2MP)	This command was introduced.
traceroute mpls mldp (MP2MP)	This command was introduced.
accounting per-prefix	IPv6 support was added on this command.
clear mfib counter	IPv6 support was added on this command.
clear mfib database	IPv6 support was added on this command.
show mfib connections	IPv6 support was added on this command.
show mfib counter	IPv6 support was added on this command.
show mfib hardware route accept-bitmap	IPv6 support was added on this command.
show mfib hardware route olist	IPv6 support was added on this command.
show mrib client	IPv6 support was added on this command.
show mrib nsf	IPv6 support was added on this command.
show mrib route	IPv6 support was added on this command.
show mrib route-collapse	IPv6 support was added on this command.
show mrib table-info	IPv6 support was added on this command.
clear pim counters	IPv6 support was added on this command.
clear pim topology	IPv6 support was added on this command.
router pim	IPv6 support was added on this command.
rpf-redirect	This command was introduced.
rpf-redirect bundle	This command was introduced.
show pim group-map	IPv6 support was added on this command.
show pim interface	IPv6 support was added on this command.
show pim join-prune statistic	IPv6 support was added on this command.
show pim rpf-redirect	This command was introduced.
show pim rpf-redirect route	This command was introduced.
show pim mstatic	IPv6 support was added on this command.

Command	Change Description
show pim nsf	IPv6 support was added on this command.
show pim range-list	IPv6 support was added on this command.
show pim traffic	IPv6 support was added on this command.
show pim tunnel info	IPv6 support was added on this command.
maximum-prefix (BGP)	This command was introduced.
nsr (BGP)	This command was introduced.
show bgp neighbors nsr	This command was introduced.
show bgp nsr	This command was introduced.
show bgp summary nsr	This command was introduced.
ucmp (OSPFv2)	This command was introduced.
ucmp delay-interval (OSPFv2)	This command was introduced.
ucmp exclude interface (OSPFv2)	This command was introduced.
protocol shutdown (OSPFv3)	This command was introduced.
show ospfv3	The output of the command was modified to include OSPFv3 graceful shutdown status.
lcd alarm-category	This command was introduced.
lcd message	This command was introduced.
lcd name	This command was introduced.
show diag lcd-interface	This command was introduced.
lawful-intercept disable	This command was introduced.
Release 5.0.1	
show mac-accounting (Ethernet)	This command was introduced.
clear controller wanphy	This command was introduced.
controller wanphy	This command was introduced.
report sd-ber	This command was introduced.
report sf-ber disable	This command was introduced.

Command	Change Description
signal sf-ber remote-fault	This command was introduced.
show controllers wanphy	This command was introduced.
threshold sd-ber	This command was introduced.
threshold sf-ber	This command was introduced.
table-policy	This command was introduced.
bfd address-family ipv4 timers	This command was introduced.
install add	Support of ftp and sftp protocols was introduced.
install prepare	Support for ISO images was introduced.
install verify packages	This command was introduced.

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