

Some Commands Are Missing on Devices when Pushing from the CLI Addon Templates after the SD-WAN Manager Upgraded to 20.15 while Devices Are Still Running 17.12

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Introduction

This document explains why certain command lines defined in CLI add-on templates are no longer being pushed to SD-WAN devices. Beginning with release 20.15, Cisco SD-WAN adopts a new YANG model. As a result, when the SD-WAN controller is upgraded to version 20.15 but the SD-WAN devices remain on older software versions such as 17.12.x, some CLI add-on template commands are no longer propagated to those devices.

Problem

You may observe that certain commands in the CLI add-on templates no longer appear after upgrading the SD-WAN controller to version 20.15 while the devices remain on version 17.12.x. The issue is resolved once the devices are upgraded to version 17.15 as well.

Solution

There are three options to resolve this issue:

1. Several defects related to different CLI statements can cause this behavior. Some of these defects have workarounds that can be applied while the devices are still running the older software version. If a workaround exists for the affected CLI statement, apply the workaround and push the template again.
2. Use a feature template instead of a CLI add-on template.
3. Upgrade the devices to version 17.15.

Defect	Affected Cli	Workaround
CSCwj12763 : Bug Search Tool CSCwh60190 : Bug Search Tool	ip name-server	ip name-server vrf <name> server-ip-list <list of servers IPs> ip name-server no-vrf <list of servers>

CSCwm64335 : Bug Search Tool	ip domain name	Ip domain name-deprecated
CSCwo92849 : Bug Search Tool	ip community-list	
CSCwm44407 : Bug Search Tool	<p>“description” and “match ip address” in route-map</p> <p>match ip address prefix-list xyz match ip address 33 description SET COMMUNITY FOR EDGE ROUTES</p>	<p>match ip address prefix-list-deprecated xyz match ip address access-list 33 description-deprecated SET COMMUNITY FOR EDGE ROUTES</p>
CSCwm07426 : Bug Search Tool	<p>Set community in route-map</p> <p>ip community-list standard community1 permit internet set community internet additive set origin igp</p>	<p>ip community-list standard community1 permit-v1 permit-list internet set community community-deprecated internet additive set origin-v1 igp</p>
CSCwo69197 : Bug Search Tool	tunnel mode ipsec ipv4	tunnel mode ipsec ipv4- old
CSCwj98144 : Bug Search Tool	ip host vbond.cisco.in 10.1.1.1	ip host vbond.cisco.in ip-list 10.1.1.1
CSCwj40573 : Bug Search Tool	Permit icmp any any echo in ACL 65 permit icmp any any echo	
CSCwo59694 : Bug Search Tool	aaa accounting network default start-stop group tacacs-10	
	aaa authentication enable default group tacacs-10 enable	aaa authentication enable default group-deprecated tacacs-20 enable-deprecated
CSCwn34168 : Bug Search Tool	track <tracker-name> endpoint-tracker	track tracked-object <tracker-name> endpoint-tracker

CSCwo95868 : Bug Search Tool	track 2 ip sla 2	track tracked-object 2 ip sla 2
CSCws30834 : Bug Search Tool	keepalive 3 5	keepalive-deprecated 3 5 (waiting for the fix)
CSCwn94547 : Bug Search Tool	option 67 ip 10.1.1.1	option 67 ip-deprecated 10.1.1.1
CSCws71815 : Bug Search Tool	Behaviour change for "ip dhcp use class" command on sd-wan router	ip dhcp use class" command is by default enable on 17.15.x while disabled on 17.12.x or below versions
Cisco bug ID CSCwq57296 : Bug Search Tool	server-private	server-private-old