Title	SD-WAN Bandwidth monitoring speed test shows Failed Dependency error					
	-			nternal Only []		
Applicable Product(s), Firmware(s):	Fortigate, all firmware					
Question / Description of problem	SD-WAN Network Monitor license is used to perform the speed test for interfaces. We should be able to test the interface speed by clicking the execute speed test option as shown in the image:					
	Edit Interface •					
	Name Alias Type Virtual domain Role 3 Estimated bandwidth 3	To_VLAN_30 (port9) To_VLAN_30 Physical interface A root WAN 0 kbps Upstream 0 kbps Downstream		FortiGate FGT_A Active Administrator Sessions HTTPS Status Vp		
	Address Addressing mode IP/Netmask IPv6 addressing mode IPv6 Address/Prefix Secondary IP address 〇	Manual DHCP 172.16.200.1/255. Manual DHCP ::/0	255.255.0	kups Downstream	MAC address 90:6crac:88:4d:93 Speed Test Upstream 41.13 Mbps Downstream 81.17 Mbps	
	Administrative access Messured on					
	IPv4 IPv6 Receive LLDP ① Us	ATTPS MG-Access TELNET iecurity Fabric Connection ① ATTPS SSH e VDOM Setting Ena e VDOM Setting Ena		PING SMMP RADIUS Accounting FMG-Access Security Fabric Connection	2020/03/08 12:36:12 Execute speed test Apply results to estimated bandwidth ③ Documentation ④ Online Help G ● Video Tutorials C	
	Sometimes when we click on execute speed test it shows an error of "Failed Dependency". Run the following commands for debugging: diagnose debug application forticldd -1 diagnose debug enable execute speed-test-server download From the results we need to check the IP of the server it is trying to connect. In the following sample output the ip of the server is 154.52.6.199. [767] ssl_ctx_create_new: SSL CTX is created [794] ssl_new: SSL object is created [861] ssl_set_hostname: Set hostname 'fortinet-ca2.fortinet.com' [86] https_create: proxy server 0.0.0 port:0 [573]tcps_tcp_start_connect: sockfd=13, server=[54.52.6.100.442], use_harelay=0, use_proxy=0 [577]tcps_tcp_start_connect: ret=-1 [582]tcps_tcp_start_connect: errno=115(Operation now in progress) [870] tcps_connect: [151 52.6.199.447] ret 0, state 0x0(Intialized) -> 0x11(Connecting)					
	[870] tcps_connect: 154.52.6199.4443 ret 0, state 0x0(Intialized) -> 0x11(Connecting) Download timeout.					

Solution	In this case we need to check the reachability to the FortiGuard servers by the following ping commands.				
	exe ping service.fortiguard.net exe ping update.fortiguard.net				
	Also try pinging the server IP from the debugs. In this case, exe ping 154.52.6.199 Check the route for the fortiguard services.				
	You can refer the link for for fortiguard server reachability troubleshooting: https://community.fortinet.com/t5/FortiGate/Troubleshooting-Tip-Unable-to- connect-to-FortiGuard-servers/ta-p/226149				
	If using sdwan need to check the sdwan rules for fortiguard services.				
	Also, in some cases where we do load balancing and use all the interfaces in the default route, try creating a static route for this server through interface.				
Internal Notes (optional)	Support ticket 8250797				
Related KB articles/BUGs (optional)					