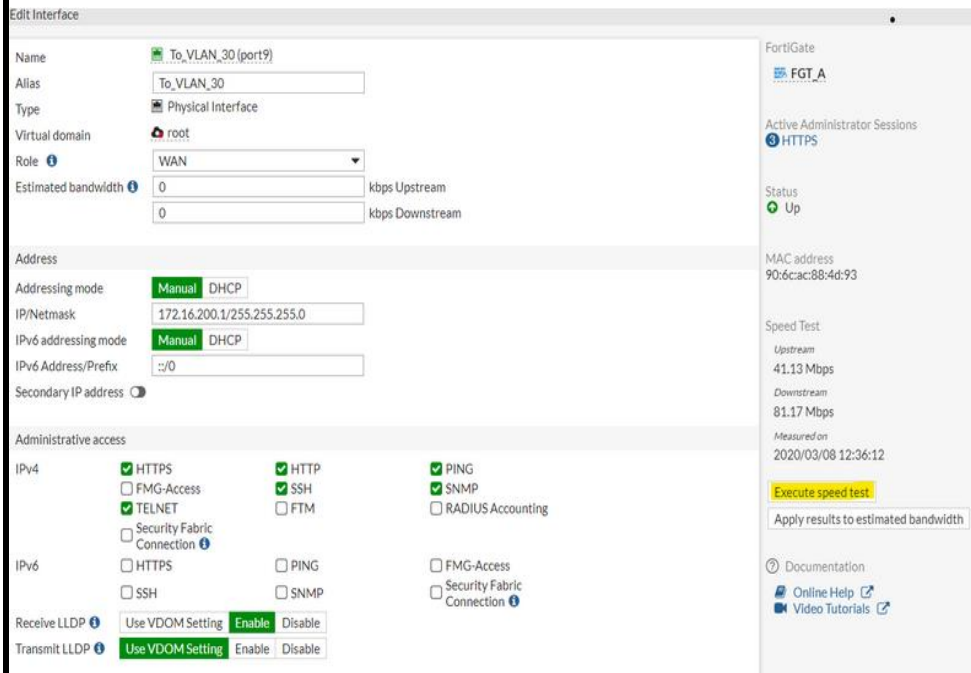


Title SD-WAN Bandwidth monitoring speed test shows Failed Dependency error
 External [X] Internal Only []

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:



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 0.0.0.0 port:0
[573] __tcps_tcp_start_connect: sockfd=13, server=154.52.6.199:443,
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: 154.52.6.199:443 -- ret 0, state 0x0(Intialized) ->
0x11(Connecting)
Download timeout.
```

Solution	<p>In this case we need to check the reachability to the FortiGuard servers by the following ping commands.</p> <pre> exe ping service.fortiguard.net exe ping update.fortiguard.net </pre> <p>Also try pinging the server IP from the debugs. In this case, <pre> exe ping 154.52.6.199 </pre> Check the route for the fortiguard services.</p> <p>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</p> <p>If using sdwan need to check the sdwan rules for fortiguard services.</p> <p>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.</p>
Internal Notes (optional)	Support ticket 8250797
Related KB articles/BUGs (optional)	