

Access Monitoring Tools

 For supported software information, click [here](#).

You can monitor the network using the ping, tcpdump, and traceroute commands, and you can run a speed test.

To access tools to monitor devices in the network:

1. In Director view:
 - a. Select the Configuration tab in the top menu bar.
 - b. Select Devices > Devices in the horizontal menu bar.
 - c. Select a device in the main pane. The view changes to Appliance view.
2. Select the Monitor tab in the top menu bar.
3. Select a provider in the left menu bar.
4. Select the Tools tab to access the following tools:
 - Ping
 - Speed Test
 - Traceroute
 - Tcpdump

Ping

Click Ping. The following screen displays:

Summary
Services
System
Tools
CLI
Config Status
Upgrade
Subscription

Controller11
Location USA 94043
Mgmt. Address 10.40.40.77
Reachable

Ping
Traceroute
Tcpcmdump

Host Name/Address: 10.10.101.1
Routing Instance: ServiceProvider-Control-VR
Source: 192.168.50.5
Packet-size:
Count:
Start

Results
Connecting...
Connected
Pinging...
PING 10.10.101.1 (10.10.101.1) from 192.168.50.5 : 56(84) bytes of data.
--- 10.10.101.1 ping statistics ---
5 packets transmitted, 0 received, 100% packet loss, time 4030ms
[error][2018-02-07 00:45:02]
End

To ping a site:

1. Enter the host name/address.
2. Select the routing instance.
3. Select the source IP address.
4. Enter the packet size.
5. Enter the packet count.
6. Click Start.

Traceroute

Click Traceroute. The following screen displays:

Summary Services System Tools CLI Config Status Upgrade Subscription

Controller11 Location USA 94043 Mgmt. Address 10.40.40.77 Reachable

Ping Traceroute Tcpcdump

Target Host Name: 10.10.1.2 Stop
 Routing Instance: ServiceProvider-Control-VR
 Source Ip: 192.168.50.5

Results Clear

```

1 ***
2 ***
3 ***
4 ***
5 ***
6 *
*
7 ***
8 ***
9 ***
10 ***
11 *
*
12 ***
13 ***
14 ***
15 ***
16 ***
  
```

To trace a route:

1. Enter the target host name or IP address.
2. Select the routing instance.
3. Select the source IP address.
4. Click Start.

Tcpcdump

Click Tcpcdump. The following screen displays:

Summary Services System Tools CLI Config Status Upgrade Subscription

Controller11 Location USA 94043 Mgmt. Address 10.40.40.77 Reachable

Ping Traceroute Tcpcdump

Interface: vni-0/0 Stop
 Filter:
 Save to Local File: tcpdump.pcap
 Explanation: We save the tcpdump data into this local file once you stop tcpdump. You can save up to 3 minutes tcpdump data.

Results Clear

Tcpdumping...

To run tcpdump on an interface:

1. Select the interface.
2. Enter the type of filter to be applied.

https://docs.versa-networks.com/Management_and_Orchestration/Versa_Director/Monitoring_with_Versa_Director/Access_M...

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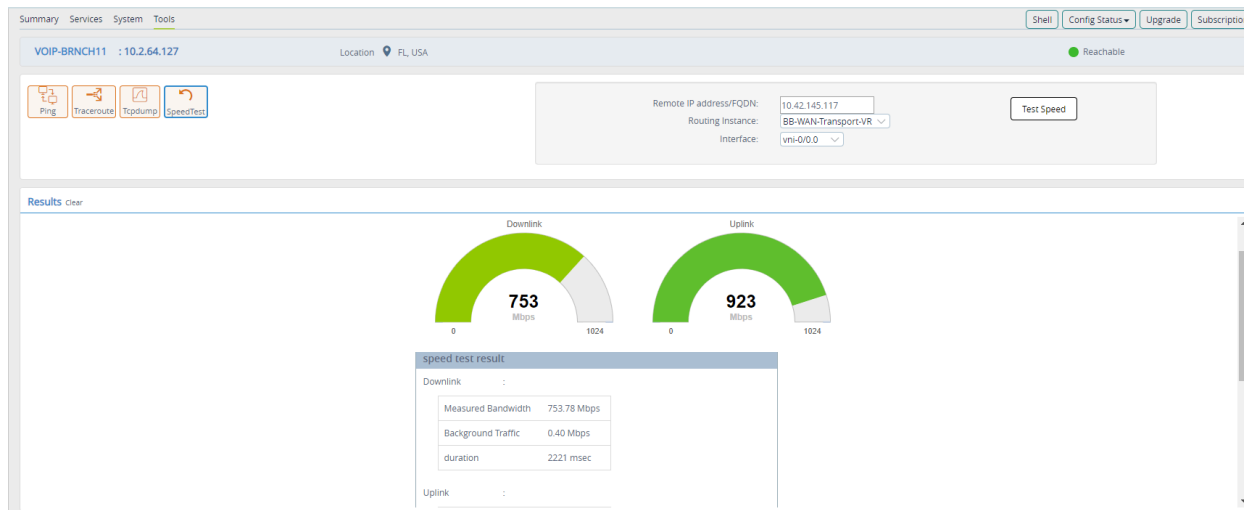
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3. Enter the file name where you want the output to be saved.
4. Click Start.

Speed Test

You can set up a Versa Operating System™ (VOS™) device to be a speed-test server and, from the local VOS device, you can run a speed test to test the link. For information about setting up a VOS device to be a speed-test server, see [Troubleshoot Link Bandwidth Issues](#).

To run a speed test, click Speed Test. The following screen displays:



To test an interface's speed:

1. Enter the remote IP address.
2. Select the routing instance.
3. Select the interface.
4. Click Test Speed.

Supported Software Information

Releases 20.2 and later support all content described in this article.

Additional Information

[Troubleshoot Link Bandwidth Issues](#)