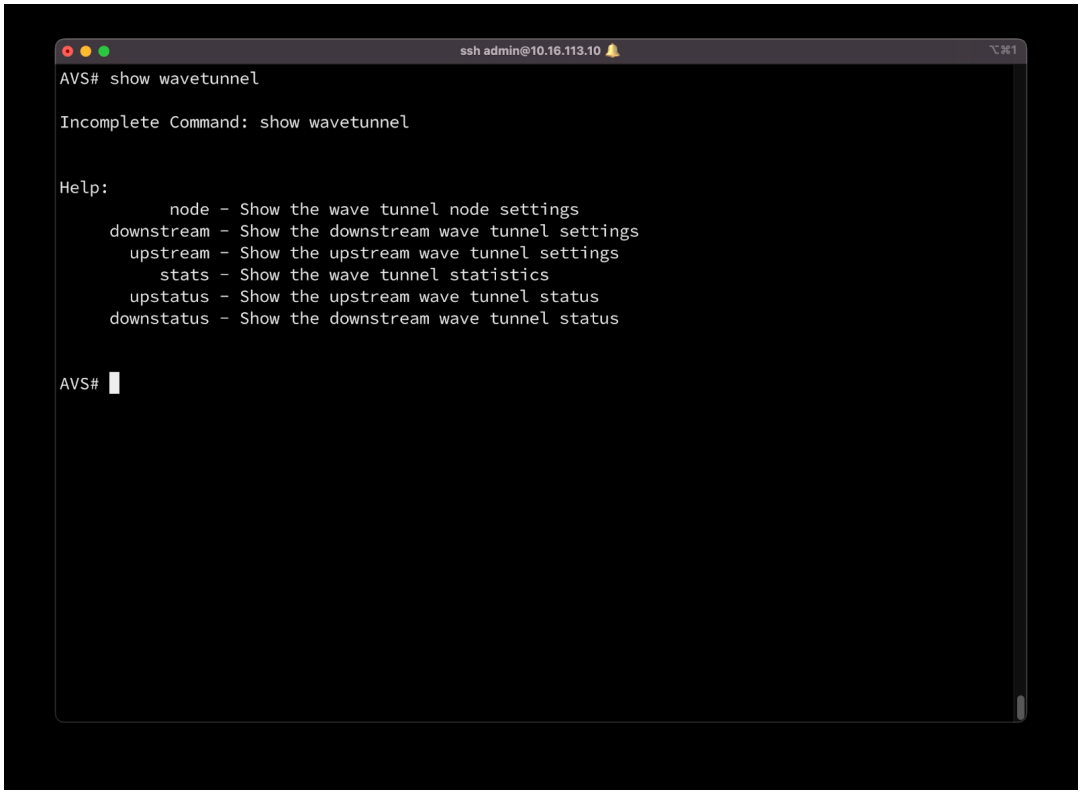
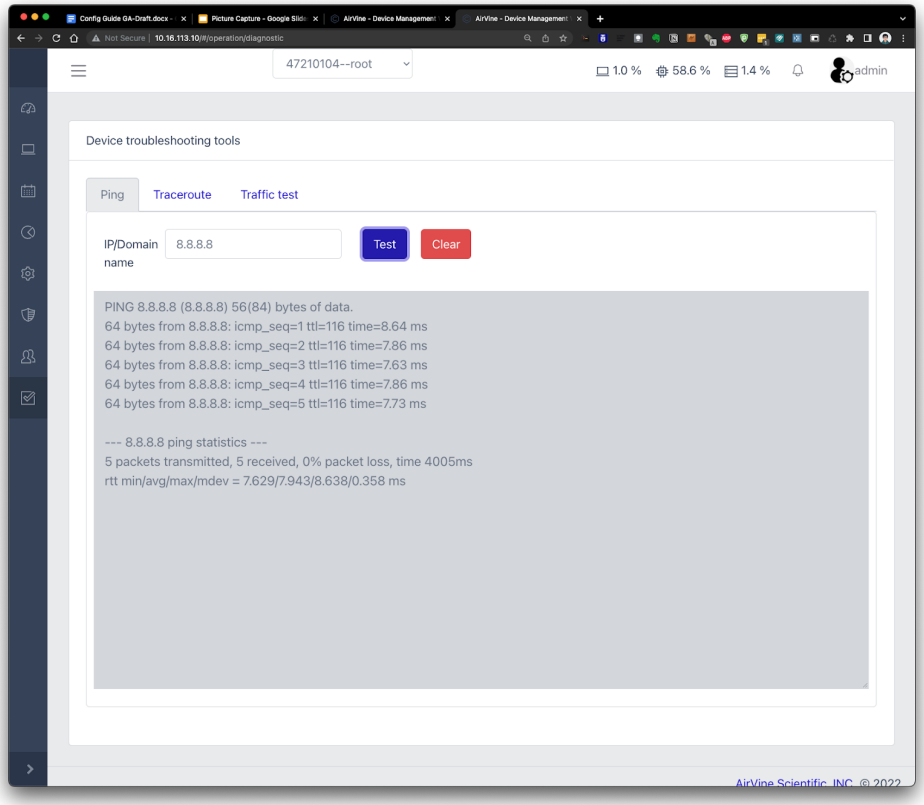


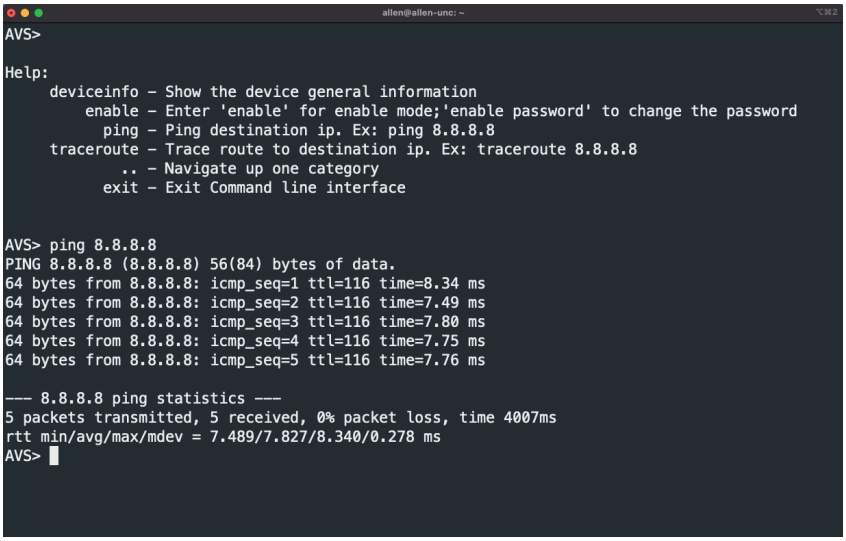
Ping Test

You can run a “Ping” test to check if the traffic can be sent to the destination.

[WEB GUI]
System > Operations > Diagnostic > Ping



[CLI]

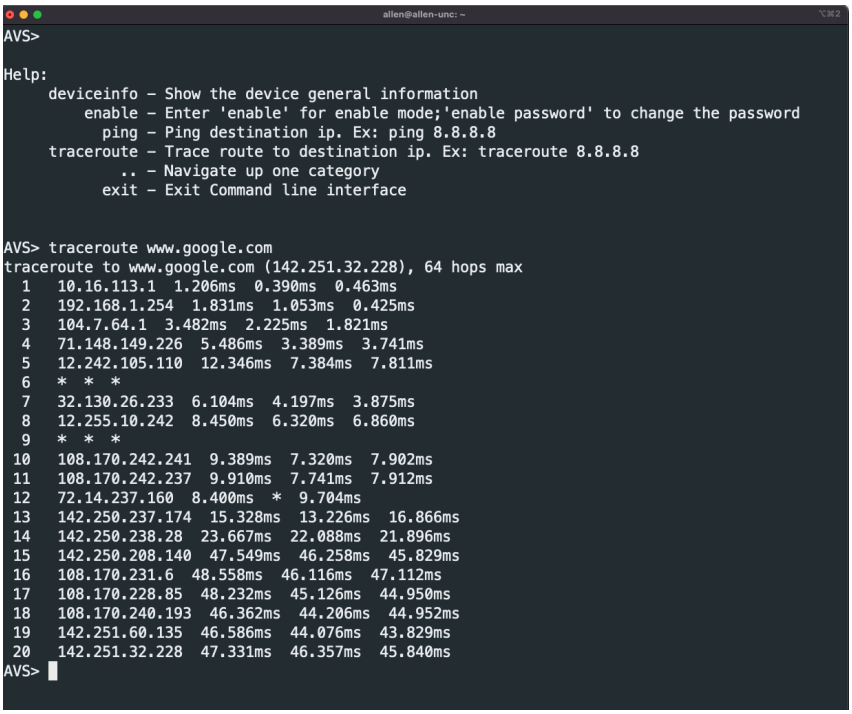


Traceroute Test

You can run a “Traceroute” test to check how the packets are routed to the destination.

[WEB GUI]

[CLI]

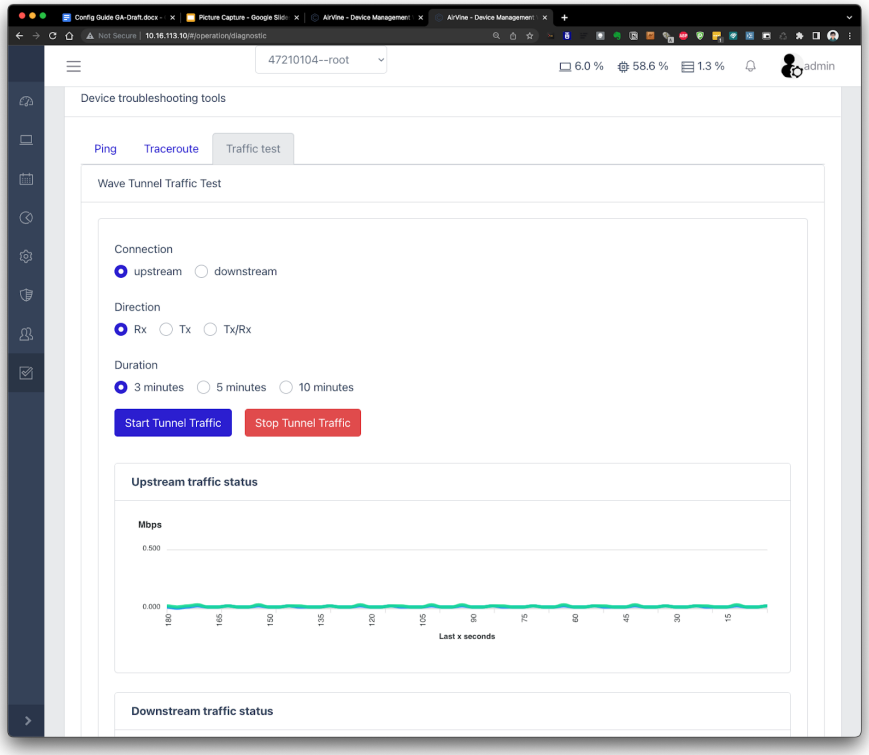


Traffic Test

There is an internal tool in the WaveTunnel we can use to generate the traffic on the WaveTunnel connections.

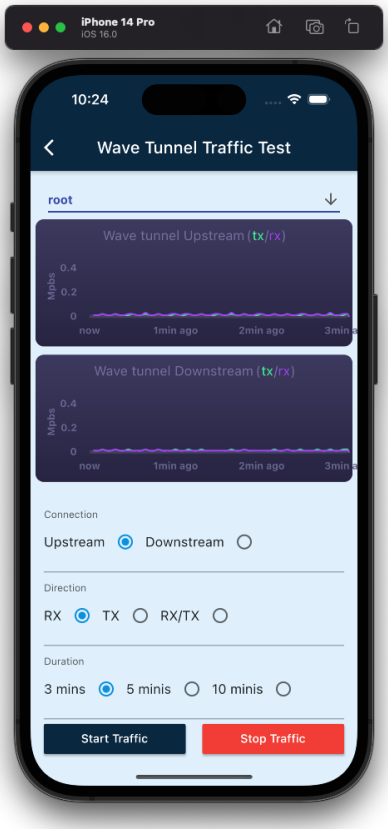
[WEB GUI]
System > Operations > Diagnostic > Traffic Test

Specify the criteria before generating the traffic and monitor the result on the widgets.



[Mobile App]
Monitoring > Link Traffic

Specify the criteria before generating the traffic and monitor the result on the widgets.



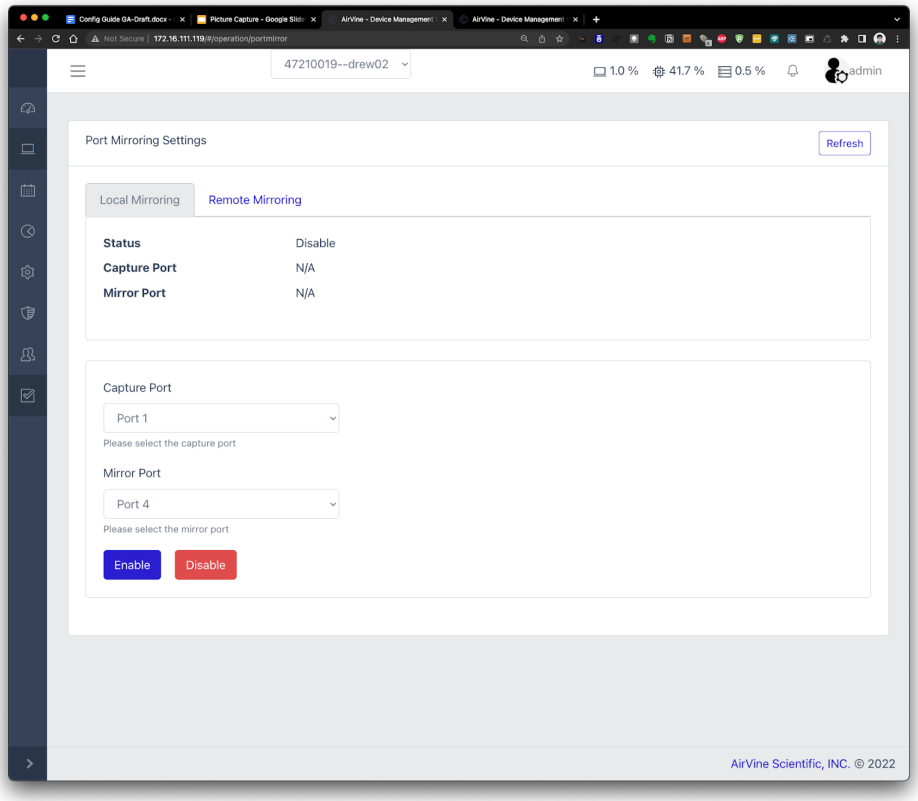
Mirroring the Ethernet Port traffic

For the troubleshooting purposes, this function provides the capability to mirror the packets on a specific port to another port in the local or neighboring device. To be aware, the settings are not persisted which are cleaned up after system reboot.

[WEB GUI]
System > Operations > Port Mirroring

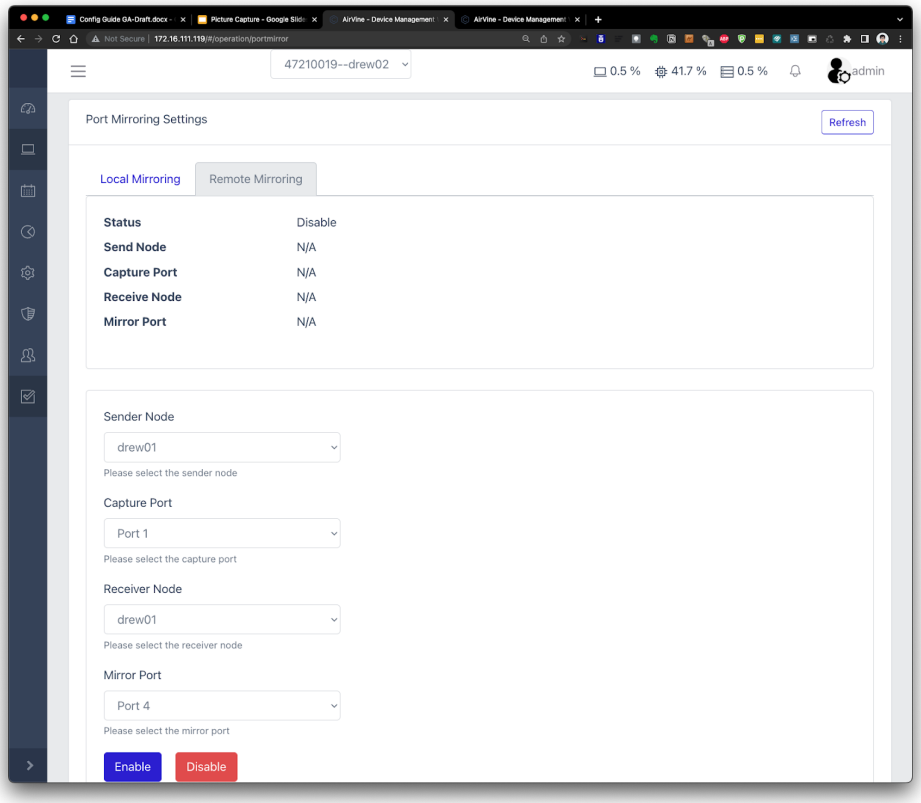
Local Port Mirroring

Operations-> Port Mirroring-> Local



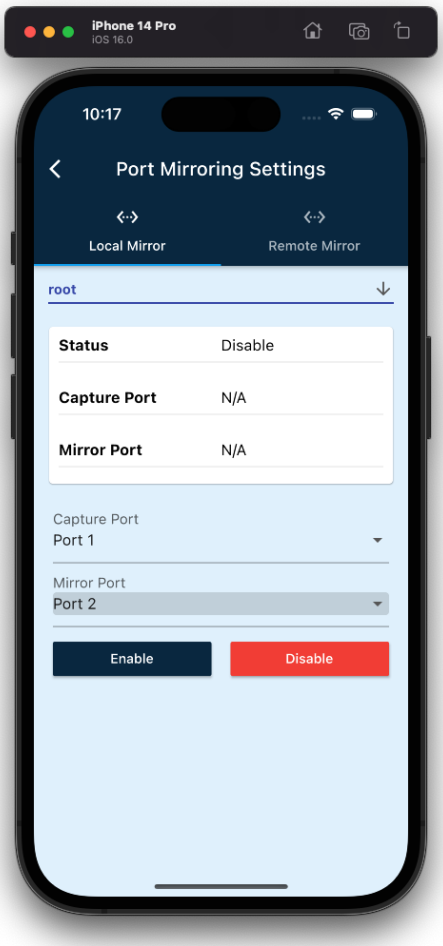
Remote Port Mirroring

Operations-> Port Mirroring-> Remote

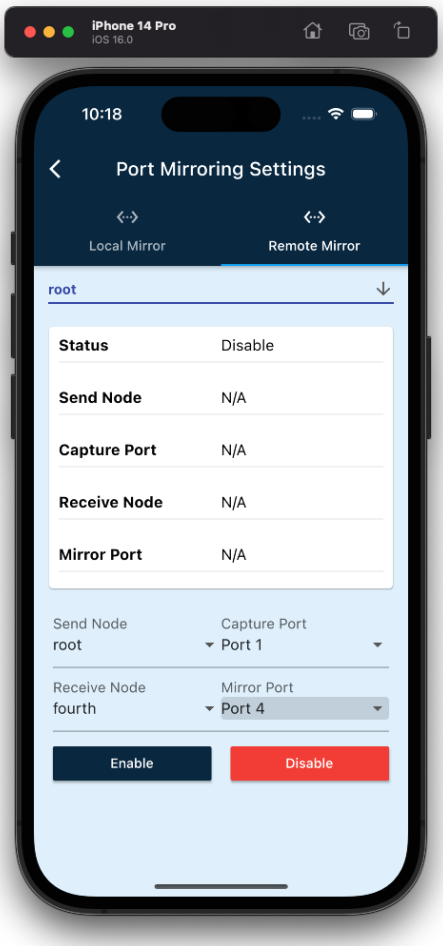


[Mobile App]

Settings > Mirroring > Local Mirroring

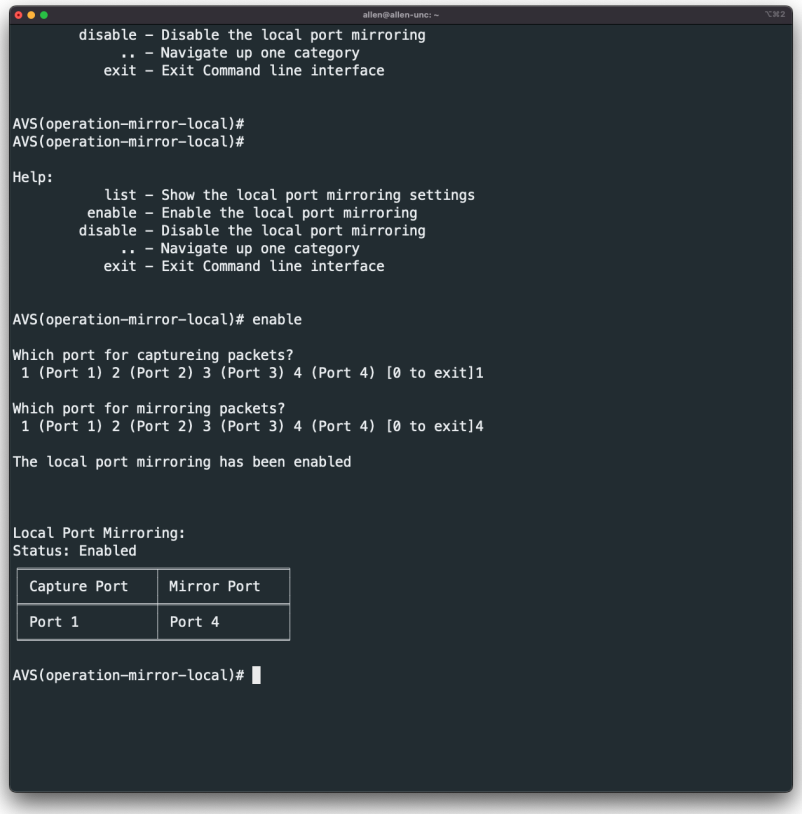


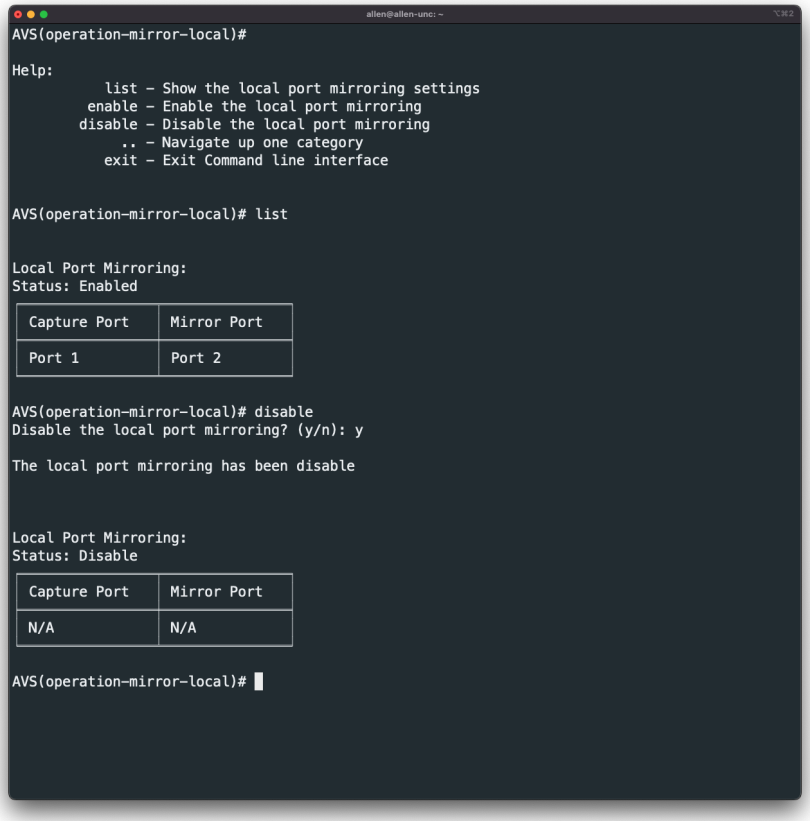
Settings > Mirroring > Remote Mirroring



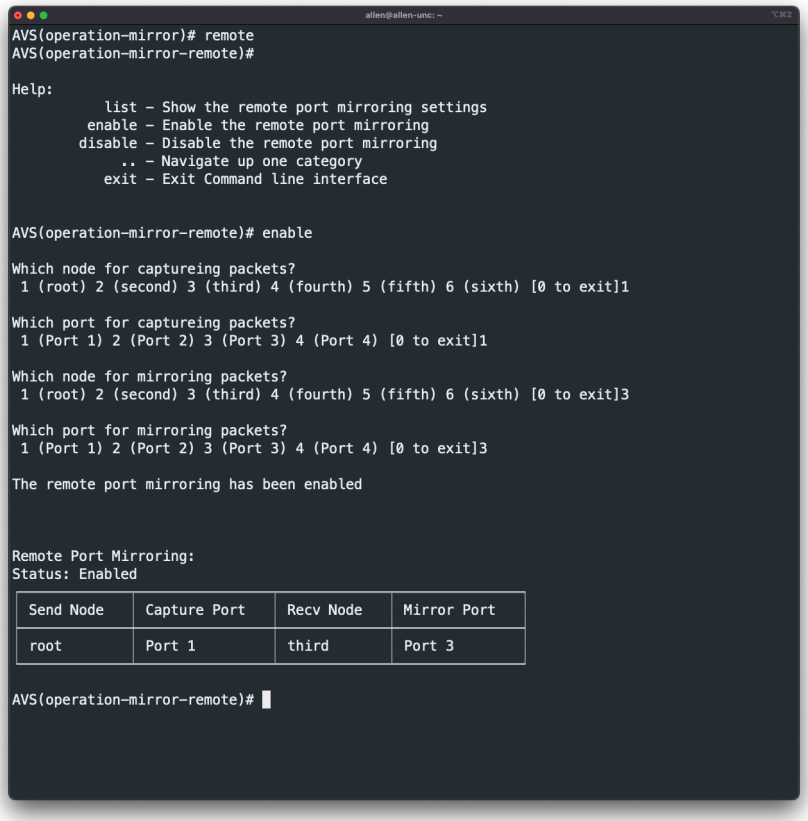
[CLI]

AVS(operation-mirror-local)#


allen@allen-unc: ~
disable - Disable the local port mirroring
.. - Navigate up one category
exit - Exit Command line interface
AVS(operation-mirror-local)#
AVS(operation-mirror-local)#
Help:
list - Show the local port mirroring settings
enable - Enable the local port mirroring
disable - Disable the local port mirroring
.. - Navigate up one category
exit - Exit Command line interface
AVS(operation-mirror-local)# enable
Which port for captureing packets?
1 (Port 1) 2 (Port 2) 3 (Port 3) 4 (Port 4) [0 to exit]1
Which port for mirroring packets?
1 (Port 1) 2 (Port 2) 3 (Port 3) 4 (Port 4) [0 to exit]4
The local port mirroring has been enabled
Local Port Mirroring:
Status: Enabled
Capture Port
Mirror Port
Port 1
Port 4
AVS(operation-mirror-local)#



AVS(operation-mirror-remote)#


allen@allen-unc: ~
AVS(operation-mirror)# remote
AVS(operation-mirror-remote)#
Help:
list - Show the remote port mirroring settings
enable - Enable the remote port mirroring
disable - Disable the remote port mirroring
.. - Navigate up one category
exit - Exit Command line interface
AVS(operation-mirror-remote)# enable
Which node for captureing packets?
1 (root) 2 (second) 3 (third) 4 (fourth) 5 (fifth) 6 (sixth) [0 to exit]1
Which port for captureing packets?
1 (Port 1) 2 (Port 2) 3 (Port 3) 4 (Port 4) [0 to exit]1
Which node for mirroring packets?
1 (root) 2 (second) 3 (third) 4 (fourth) 5 (fifth) 6 (sixth) [0 to exit]3
Which port for mirroring packets?
1 (Port 1) 2 (Port 2) 3 (Port 3) 4 (Port 4) [0 to exit]3
The remote port mirroring has been enabled
Remote Port Mirroring:
Status: Enabled
Send Node
Capture Port
Recv Node
Mirror Port
root
Port 1
third
Port 3
AVS(operation-mirror-remote)#