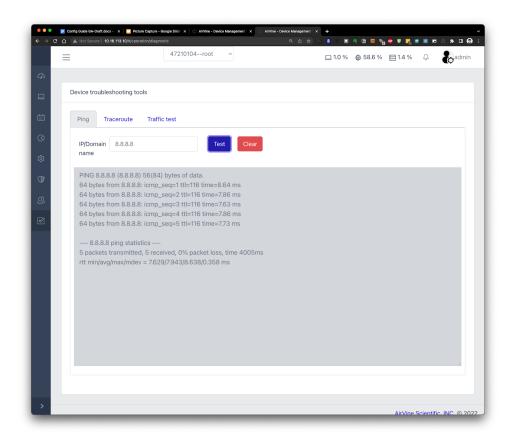


# **Ping Test**

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

#### [WEB GUI]

System > Operations > Diagnostic > Ping



### [CLI]

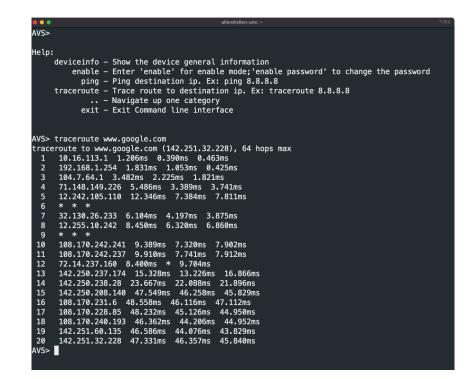
0 0 0	allen@allen-unc: ~	∿≋2
AVS>		
Help:		
	- Show the device general information	
	- Enter 'enable' for enable mode; 'enable password' to change the password	
	<ul> <li>Ping destination ip. Ex: ping 8.8.8.8</li> </ul>	
	- Trace route to destination ip. Ex: traceroute 8.8.8.8	
	<ul> <li>Navigate up one category</li> </ul>	
	- Exit Command line interface	
AVS> ping 8.8.8.	8	
	8.8.8) 56(84) bytes of data.	
	8.8.8: icmp_seq=1 ttl=116 time=8.34 ms	
	8.8.8: icmp_seq=2 ttl=116 time=7.49 ms	
	8.8.8: icmp_seq=3 ttl=116 time=7.80 ms	
	8.8.8: icmp_seq=4 ttl=116 time=7.75 ms	
64 bytes from 8.	8.8.8: icmp_seq=5 ttl=116 time=7.76 ms	
8.8.8.8 ping	ctatictics	
	itted, 5 received, 0% packet loss, time 4007ms	
	mdev = 7.489/7.827/8.340/0.278 ms	
AVS>		

# **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.

	Config Guide GA-Dank Book - x   💼 Pockurs Landras - Kongel Blin: x   🕐 Anther - Denkos Managament: x / - A				
	= 47210104root ~ □ 6.0 % ⊕ 58.6 % 目 1.3 % ♀ admin				
a	Device troubleshooting tools				
	Ping Traceroute Traffic test				
	Wave Tunnel Traffic Test				
0					
ŵ	Connection Q upstream () downstream				
(†	Direction				
ക	O Rx ◯ Tx ◯ Tx/Rx				
	Duration				
	3 minutes     5 minutes       Start Tunnel Traffic     Stop Tunnel Traffic				
	Upstream traffic status				
	Mbps 0.500				
	6.030 월 월 월 월 월 월 월 월 월 월 월 Last x seconds				
>	Downstream traffic status				

### [Mobile App] Monitoring > Link Traffic

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

amin a
Bmin a

# 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** 

	Config Guide GA-Draft.docx - ×   Picture Capt Config Guide GA-Draft.docx - ×   Picture GA-Draft.docx - ×   Pictur		AlrVine - Device Management ) ×   + Q (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	• © Ø • • • 9 = 3	• 😡 🗆 ۵ کا 🛯
	=	47210019drew02 ~	<u> </u>	@ 41.7 % 目 0.5 %	Q admin
a					
	Port Mirroring Settings				Refresh
	Local Mirroring Remote	Mirroring			
Ø	Status	Disable			
¢	Capture Port	N/A			
1	Mirror Port	N/A			
<u>\$</u>					
	Capture Port				
	Port 1	~			
	Please select the capture port				
	Port 4	~			
	Please select the mirror port	·			
	Enable Disable				
	Disable				
>				AirVine	Scientific, INC. © 2022

### Remote Port Mirroring

## Operations-> Port Mirroring-> Remote

		rine - Device Management X +
	A Not Secure   172.16.111.119/#/operation/portmirror	4 6 ☆) > 8 = 8 % 8 ■ % 8 ■ % ■ 8 ■ 8 ■ 6 ★ □ 6
	47210019drew02 ~	🗆 0.5 % 🕸 41.7 % 🗐 0.5 % 🗘 🗞 admin
a	Port Mirroring Settings	Refresh
	Local Mirroring Remote Mirroring	
0	Status Disable	
0	Send Node N/A	
ŝ	Capture Port N/A	
1	Receive Node N/A	
	Mirror Port N/A	
ይ		
	Sender Node	
	drew01 ~	
	Please select the sender node	
	Capture Port	
	Port 1 ~	
	Please select the capture port	
	Receiver Node	
	drew01 ~	
	Please select the receiver node	
	Mirror Port	
	Port 4 ~	
	Please select the mirror port	
>	Enable Disable	

## [Mobile App]

Settings > Mirroring > Local Mirroring

< Port Min «->	roring Settings ‹··>
Local Mirror	Remote Mirror
root	1
Status	Disable
Capture Port	N/A
Mirror Port	N/A
Capture Port Port 1 Mirror Port Port 2	•
Enable	Disable

Settings > Mirroring > Remote Mirroring

C Port Mi	rroring Settings
<b>‹·›&gt;</b> Local Mirror	<b>〈…〉</b> Remote Mirror
root	4
Status	Disable
Send Node	N/A
Capture Port	N/A
Receive Node	N/A
Mirror Port	N/A
Send Node root	Capture Port ▼ Port 1 ▼
Receive Node fourth	Mirror Port • Port 4 •
Enable	Disable

[CLI]

AVS(operation-mirror-local)#

0 • •	allen@allen-unc: ~ \\2
	Disable the local port mirroring Navigate up one category Exit Command line interface
AVS(operation-mir AVS(operation-mir	
enable – disable – –	Show the local port mirroring settings Enable the local port mirroring Disable the local port mirroring Navigate up one category Exit Command line interface
AVS(operation-mir	ror-local)# enable
Which port for ca 1 (Port 1) 2 (Po	ptureing packets? rt 2) 3 (Port 3) 4 (Port 4) [0 to exit]1
Which port for mi 1 (Port 1) 2 (Po	rroring packets? rt 2) 3 (Port 3) 4 (Port 4) [0 to exit]4
The local port mi	rroring has been enabled
Local Port Mirror Status: Enabled	ing:
Capture Port	Mirror Port
Port 1	Port 4
AVS(operation-mir	ror-local)#

00	allen@allen-unc: ~ ℃
AVS(operation-mir	ror-local)#
enable – disable – –	Show the local port mirroring settings Enable the local port mirroring Disable the local port mirroring Navigate up one category
exit -	• Exit Command line interface
AVS(operation-mir	ror-local)# list
Local Port Mirror Status: Enabled	ing:
Capture Port	Mirror Port
Port 1	Port 2
	. port mirroring? (y/n): y .rroring has been disable ring:
Capture Port	Mirror Port
N/A	N/A
AVS(operation-mir	ror-local)#

AVS(operation-mirror-remote)#

• • •	allen@				
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)# er	nable				
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)#					