



SonicWALL How to packet capture

Step 1: Log in and go to System Packet Monitor

SonicWALL | Network Security Appliance

Dashboard / **Packet Monitor**

Configure Monitor All Monitor Default Clear Refresh

Packet Monitor

- Trace off, Buffer size 500 KB, 0 Packets captured, Buffer is 0% full, 0 MB of Buffer lost
- Local mirroring off, Mirroring to interface: **NONE**, 0 packets mirrored, 0 pkts skipped, 0 pkts exceeded rate
- Remote mirroring Tx off, Mirroring to: **0.0.0.0**, 0 packets mirrored, 0 pkts skipped, 0 pkts exceeded rate
- Remote mirroring Rx off, Receiving from: **0.0.0.0**, 0 mirror packets rcvd, 0 mirror packets rcvd but skipped
- FTP logging off, FTP Server Pass/Failure count: 0 / 0, FTP Thread is Idle, Buffer status OK

Current Buffer Statistics: **0 Dropped**, 0 Forwarded, 0 Consumed, 0 Generated, 0 Unknowns

Current Configurations: [Filters](#) [General](#) [Logging](#) [Mirroring](#)

Start Capture Stop Capture Start Mirror Stop Mirror Log to FTP server Export as:

Captured Packets

#	Time	Ingress	Egress	Source IP	Destination IP	Ether Type	Packet Type
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Step 2: Click Configure

Step 3: Go to the Monitoring Filter tab and add the source port 5060. Make sure that the "Enable Bidirectional address and port mapping" is enabled.



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Settings

Monitor Filter

Display Filter

Logging

Advanced Monitor Filter

Mirror

Monitor Filter (Used for both mirroring and packet capture)

☐ Enable filter based on the firewall/app rule

Interface Name(s):

Ether Type(s):

IP Type(s):

Source IP Address(es):

Source Port(s):

5060

Destination IP Address(es):

Destination Port(s):

☒ Enable Bidirectional Address and Port Matching

Leave all checkboxes below unchecked for normal operation. Unchecked means capture all type of packets.

☐ Forwarded packets only

☐ Consumed packets only

☐ Dropped packets only

Ready

OK

Cancel

Default

Step 3: Fill out the same settings on the Display Filter tab



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Settings Monitor Filter **Display Filter** Logging Advanced Monitor Filter Mirror

Show (Display) Filter (Used for UI display only)

Interface Name(s):

Ether Type(s):

IP Type(s):

Source IP Address(es):

Source Port(s):

Destination IP Address(es):

Destination Port(s):

☒ Enable Bidirectional Address and Port Matching

☒ Forwarded ☒ Generated ☒ Consumed ☒ Dropped

Ready

OK Cancel Default

Step 4: Click OK

Step 5: Press the Clear button to clear the log

Step 6: Press the Start Capture button and make a test call

Step 7: Press the Stop Capture button and export the file as Libpcap

Step 8: Send the file to support