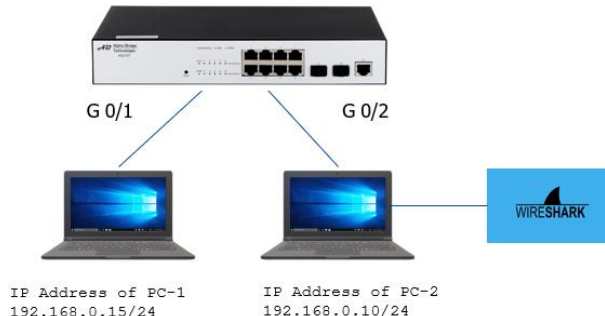


1. Port Mirroring

Testcase	Port Mirroring
Procedure	<ol style="list-style-type: none"> 1. Connect 2 PC's for 1 switch. 2. Assign Ip address in both PC-1 and PC-2. 3. Run Wireshark in PC-2. 4. Ping Switch from PC-1 or telnet Switch from PC-1. <div style="text-align: center;"> <p>VLAN -1 IP Address of Switch - 192.168.0.1/24</p>  <p>IP Address of PC-1 192.168.0.15/24</p> <p>IP Address of PC-2 192.168.0.10/24</p> </div>
Configuration	<p>Switch Configuration:</p> <pre> switch1_config#mirror session 1 destination interface g0/2 portbased switch1_config#mirror session 1 source interface g0/1 both switch1_config# switch1_config#show mirror session 1 Session 1 ----- Destination Ports: g0/2 Source Ports: RX Only: None TX Only: None Both: g0/1 </pre>
Test result	Telnet Packets from PC to switch and its reply

Packet 2010: Telnet Data ...

Frame 858: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface \Device\NPF...

Ethernet II, Src: AlphaBridgeT_a04c30 (c8:0b:bc:a0:4c:30), Dst: Dell_3e37:87 (8c:04:ba:3e:37:87)

Internet Protocol Version 4, Src: 192.168.0.1, Dst: 192.168.0.15

Transmission Control Protocol, Src Port: 23, Dst Port: 55302, Seq: 1, Ack: 1, Len: 3

Telnet

[Community ID: 1:dzn0pyc4g1mxyt0fnp1wml1U=]

ICMP Packets from PC to switch and its reply

Packet 1888: Echo (ping) request

Frame 1: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF...

Ethernet II, Src: Dell_3e37:87 (8c:04:ba:3e:37:87), Dst: AlphaBridgeT_a04c30 (c8:0b:bc:a0:4c:30)

Internet Protocol Version 4, Src: 192.168.0.15, Dst: 192.168.0.1

Internet Control Message Protocol

Type: 8 [Echo (ping) request]

Code: 0

Checksum: 0x4350 [correct]

[Checksum Status: Good]

Remarks Working