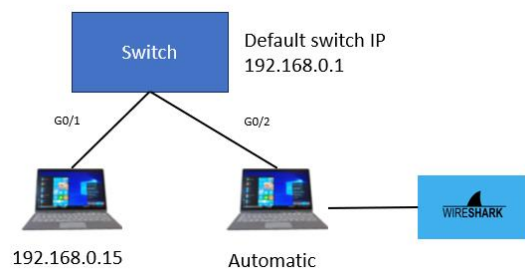
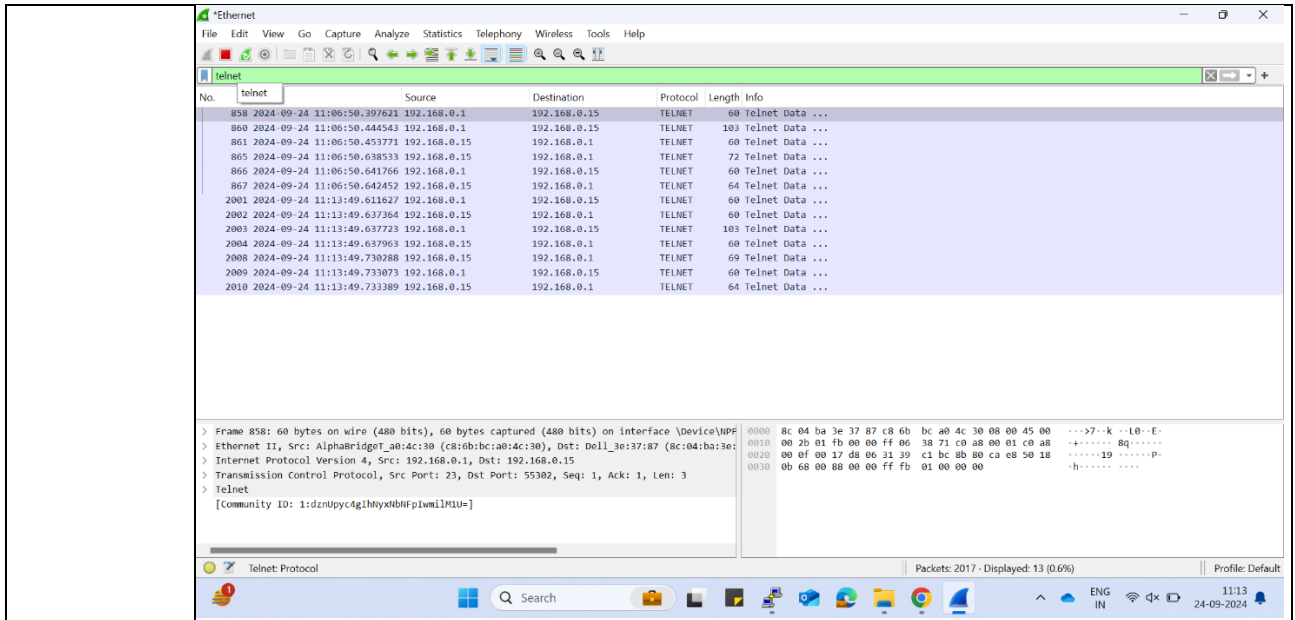


1. Port Mirroring

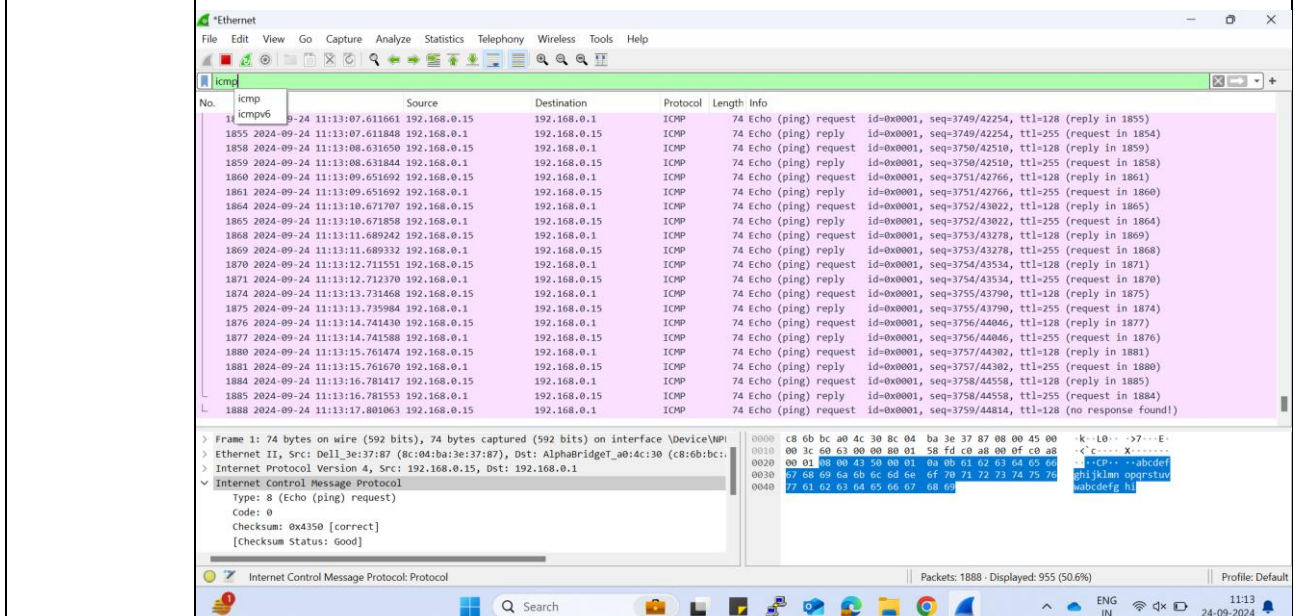
Testcase	Port Mirroring
Procedure	<div style="text-align: center;">  </div> <ol style="list-style-type: none"> 1. Connect the setup as shown above. 2. Configure the switch and install Wireshark in 1 pc. 3. Try to ping to switch and telnet to the switch from another pc.
Configuration	<p>Switch configuration:</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 to switch and its reply

TEST REPORT



The screenshot shows a Wireshark capture of Telnet traffic. The packet list pane displays 13 Telnet packets, all of type 'Telnet Data'. The packet details pane shows the structure of a Telnet packet, including the Telnet Protocol, Src Port (23), and Dst Port (5530). The packet bytes pane shows the raw data of the captured packet.

Ping from PC to switch and its reply



The screenshot shows a Wireshark capture of ICMP ping traffic. The packet list pane displays 1888 ICMP packets, including requests and replies. The packet details pane shows the structure of an ICMP Echo (ping) request, including the Type (8), Code (0), and Checksum (0x4350). The packet bytes pane shows the raw data of the captured packet, including the IP addresses and the ICMP payload.

Remarks Working