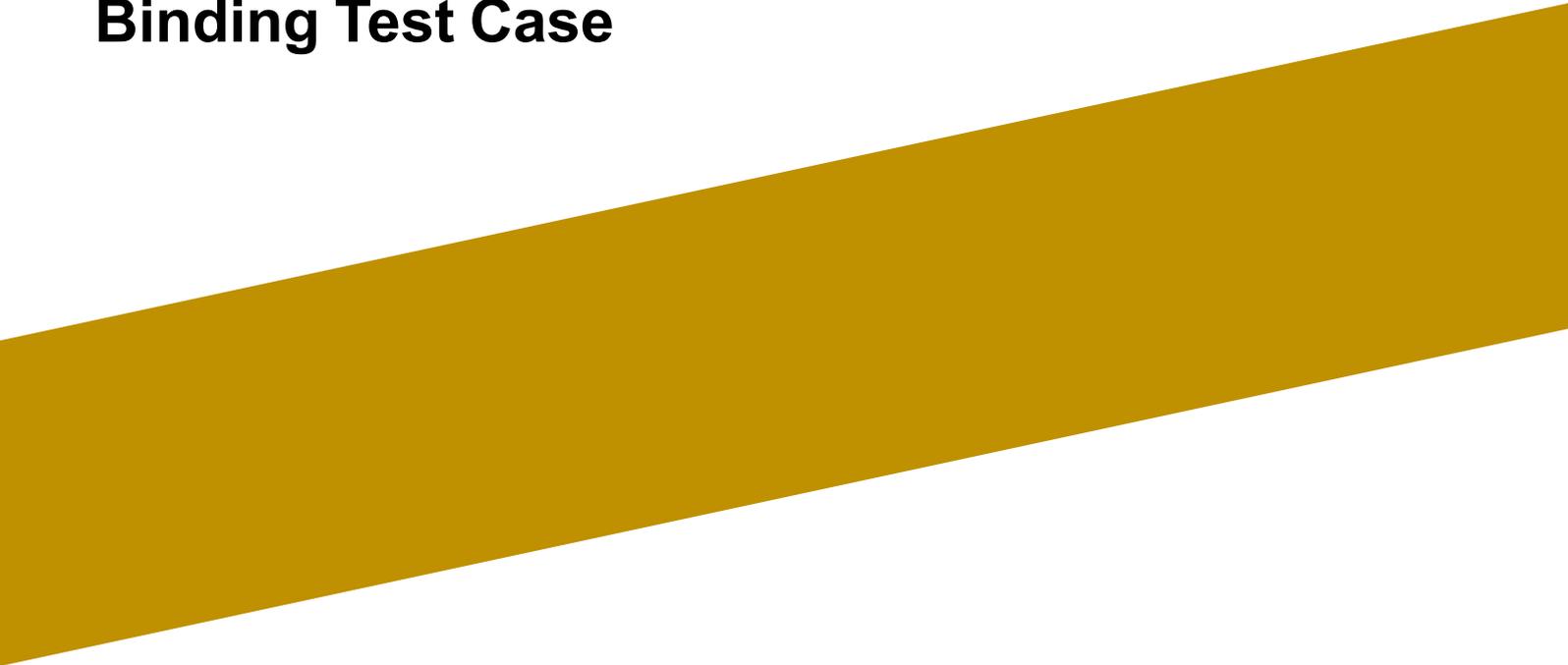
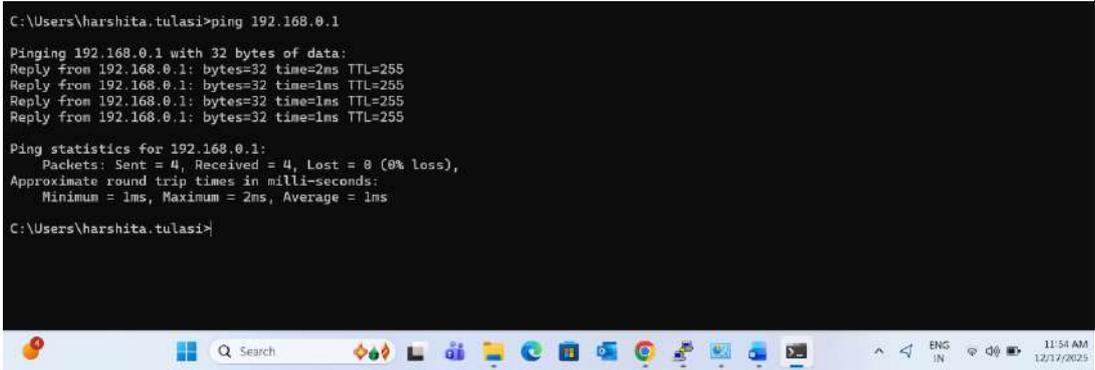


Alpha Bridge Binding Test Case



1. Port Security Binding

Testcase	Port Security Binding
Procedure	<ol style="list-style-type: none"> 1. Connect 1 PC for 1 switch (G0/3) and ensure the link is up. 2. Configure port security MAC binding on the interface. 3. Verify connectivity by pinging the switch. <div style="text-align: center;">  </div> <div style="border: 1px solid green; padding: 5px; margin-top: 10px;"> <p>SWITCH:</p> <p>Ip address: 192.168.0.1</p> <p>PC:</p> <p>Ip address:192.168.0.10</p> <p>MAC address: 000E.0987.FEA9</p> </div>
Configuration	<p>Switch Configuration:</p> <pre> AB_Switch_config# interface g0/3 AB_Switch_config_g0/3#switchport port-security bind mac 000E.09A9.FEA9 //Binds the random adapter MAC address to the interface AB_Switch_config# interface g0/3 AB_Switch_config_g0/3#switchport port-security bind mac 000E.0987.FEA9 // Binds the same adapter MAC address to the interface AB_Switch_config_g0/3#EXIT </pre>
Test result	<p>Doesn't ping because of different adapter MAC address configure in the switch.</p>  <pre> Microsoft Windows [Version 10.0.26200.7462] (c) Microsoft Corporation. All rights reserved. C:\Users\harshita.tulasi>ping 192.168.0.1 Pinging 192.168.0.1 with 32 bytes of data: Request timed out. Request timed out. Request timed out. Request timed out. Ping statistics for 192.168.0.1: Packets: Sent = 4, Received = 0, Lost = 4 (100% loss), </pre>

	<p>Allows ping because of same adapter MAC address configure in the switch.</p>  <pre> C:\Users\harshita.tulasi>ping 192.168.0.1 Pinging 192.168.0.1 with 32 bytes of data: Reply from 192.168.0.1: bytes=32 time=2ms TTL=255 Reply from 192.168.0.1: bytes=32 time=1ms TTL=255 Reply from 192.168.0.1: bytes=32 time=1ms TTL=255 Reply from 192.168.0.1: bytes=32 time=1ms TTL=255 Ping statistics for 192.168.0.1: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 1ms, Maximum = 2ms, Average = 1ms C:\Users\harshita.tulasi> </pre>
Remarks	Working