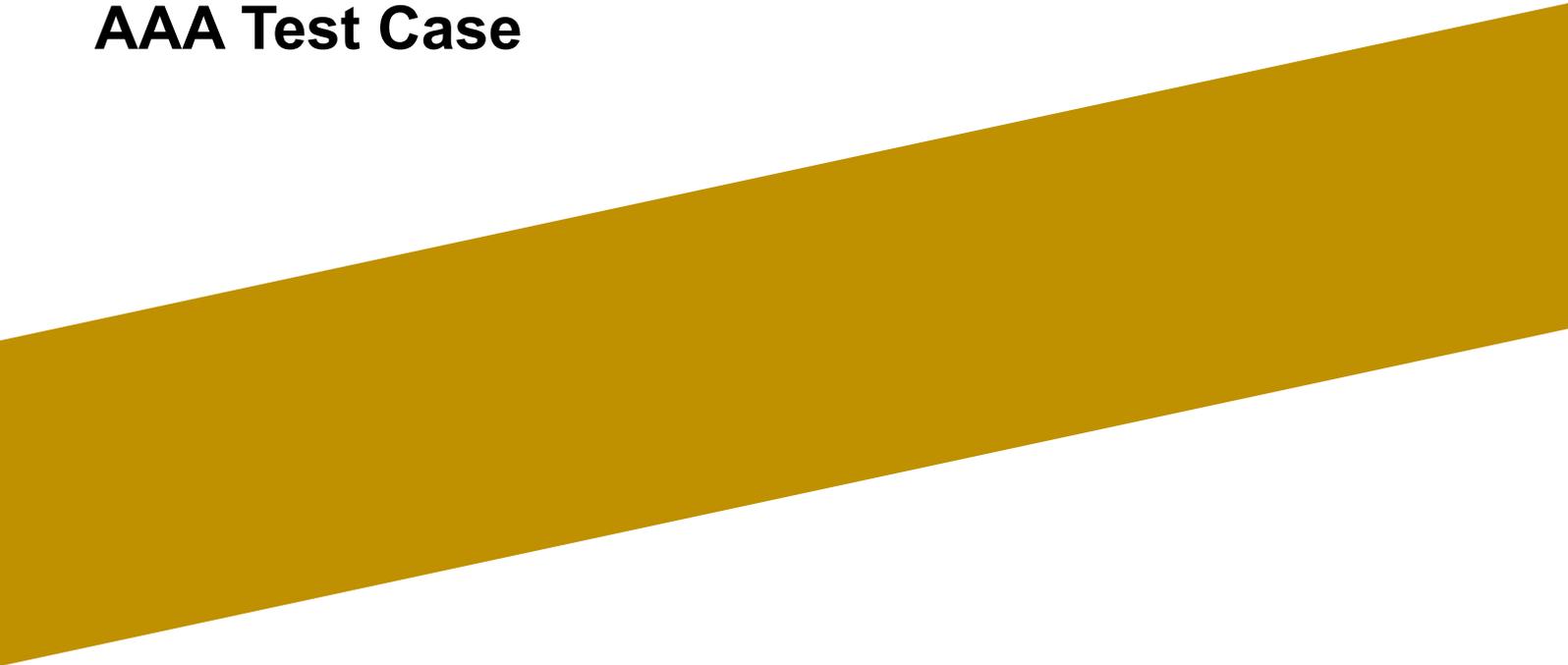
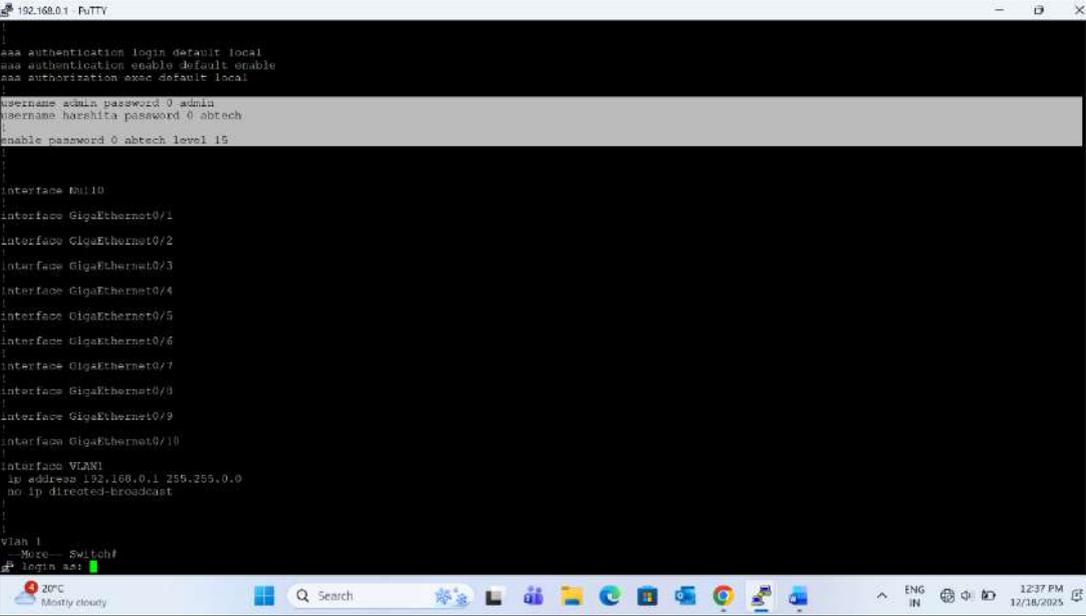


# Alpha Bridge<sup>®</sup> AAA Test Case



# 1. Authentication Authorization Accounting

|               |  |
|---------------|--|
| Testcase      | Authentication Authorization Accounting  |
| Procedure     | <ol style="list-style-type: none"> <li>1. Configure AAA login authentication.</li> <li>2. Create a new user with password and enable privileged access.</li> <li>3. Save the configuration and verify SSH login.</li> </ol>  |
| Configuration | <p><b>Switch Configuration:</b></p> <pre> aaa authentication login default local //Enables AAA login authentication. username harshita password abtech //Creates a local user harshita with password abtech. aaa authentication enable default enable //Configures AAA authentication for enable mode. enable password 0 abtech level 15 //Sets enable password with privilege level 15. write all </pre> <p><b>For SSH Configuration:</b></p> <pre> ip sshd enable ip sshd save //Enable and save SSH. </pre> |
| Test result   | <p><b>Logs in to the switch using SSH with new user credentials:</b></p>  <p><b>After login, when you type enable, the switch again asks the password for security step:</b></p>   |

|                |  |
|----------------|--|
|                | <p><b>Running configuration:</b></p>  <pre> 192.168.0.1 PuTTY aaa authentication login default local aaa authentication enable default enable aaa authorization exec default local  username admin password 0 admin username harshita password 0 abtech enable password 0 abtech level 15  interface Eui10 interface GigEthernet0/1 interface GigEthernet0/2 interface GigEthernet0/3 interface GigEthernet0/4 interface GigEthernet0/5 interface GigEthernet0/6 interface GigEthernet0/7 interface GigEthernet0/8 interface GigEthernet0/9 interface GigEthernet0/10 interface Vlan1 ip address 192.168.0.1 255.255.0.0 no ip directed-broadcast  Vlan 1 - More -- Switch# login aa: </pre> |
| <p>Remarks</p> | <p>Working</p>   |