9.8 Lab: Configure DHCP Snooping

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Time Spent: 00:25

Score: 0%

Task Summary

Required Actions

✕ Enable DHCP snooping globally for SwitchA

✕ Enable DHCP snooping for VLAN1 on SwitchA

✕ Configure Fa0/24 as a trusted interface for DHCP snooping

✕ Enable dynamic ARP inspection for VLAN1 on SwitchA

✕ Save the configuration changes on SwitchA

Explanation 🎧

Complete this lab as follows:

1. Enable DHCP snooping globally on SwitchA.
   a. Select **SwitchA**.
   b. In the terminal, press **Enter** to get started.
   c. At the SwitchA> prompt, type **enable** and press **Enter**.
   d. At the SwitchA# prompt, type **config t** and press **Enter**.
   e. At the SwitchA(config)# prompt, type **ip dhcp snooping** and press **Enter**.

2. Enable DHCP snooping for VLAN1.
   a. At the SwitchA(config)# prompt, type **ip dhcp snooping vlan 1** and press **Enter**.
   b. At the SwitchA(config)# prompt, type **int fa0/24** and press **Enter**.

3. Configure the port that the DHCP server is connected to as a trusted interface for DHCP snooping.
   a. At the SwitchA(config-if)# prompt, type **ip dhcp snooping trust** and press **Enter**.
   b. At the SwitchA(config-if)# prompt, type **exit** and press **Enter**.

4. Enable dynamic ARP inspection for VLAN1.
   a. At the SwitchA(config)# prompt, type **ip arp inspection vlan 1** and press **Enter**.
   b. Press **Ctrl + Z**.

5. Save the changes to the startup-config file.
   a. At the SwitchA# prompt, type **copy run start** and press **Enter**.
   b. Press **Enter** to begin building the configuration.
   c. Press **Enter** to return to the prompt.