

4.7 Lab: IPv4 Troubleshooting Tools



Task Summary

Required Actions and Questions

✗ Run tracert to PartnerCorp

✗ Q1: According to the network diagram in the exhibit, what is the name of the first hop?

Your answer:

Correct answer: **Bldg A Router**

✗ Run ipconfig to view the default gateway

✗ Q2: What is the IP address of the default gateway (hop 1)?

Your answer:

Correct answer: **192.168.0.5**

✗ Ping the two external DNS servers

Explanation

Complete this lab as follows:

1. Right-click **Start** and select **Terminal**.
2. Type **tracert 12.34.58.102** and press **Enter**.
Make a note of the IP address of the first hop.
3. View the network diagram by clicking **Exhibits** in the upper right.
Find the matching IP address from the first hop of the tracert command and make note of the name of the device.
4. Close the network diagram.
5. Select **Questions** in the upper right.
6. Answer question 1.
7. In the terminal, type **ipconfig** and press **Enter**.
8. Find the field labeled **Default Gateway**.
9. Answer question 2.
10. In the terminal, type **ping 163.128.80.93** and press **Enter**.
11. In the terminal, type **ping 163.128.78.93** and press **Enter**.