

4.3 LAB

Complete this lab as follows:

1. Access the properties for the NIC named Ethernet.
 1. Right-click **Start** and then select **Settings**.
 2. Select **Network & internet**.
 3. From the right pane, select **Ethernet**.
2. Configure the IP version 4 TCP/IP settings for the Ethernet NIC.
 1. For *IP assignment*, select **Edit**.
 2. Configure the IPv4 settings as follows:
 - IP address: **192.168.0.254**
 - Subnet mask: **255.255.255.0**
 - Default gateway: **192.168.0.5**
 - Preferred DNS: **163.128.78.93**
 - Alternate DNS: **163.128.80.93**
 3. Select **Save**.
3. Configure the IP version 4 TCP/IP settings for the Ethernet 2 NIC.
 1. From the left pane of the Settings app, select **Network & internet**.
 2. From the right pane, select **Advanced network settings**.
 3. Select **More network adapter options**.
 4. From the Network Connections window, right-click **Ethernet 2** and then select **Properties**.
 5. Select **Internet Protocol Version 4 (TCP/IPv4)**.
 6. Select **Properties**.
 7. Select **Use the following IP address**.
 8. Configure the Internet Protocol information as follows:
 - IP address: **10.0.255.254**
 - Subnet mask: **255.255.0.0**
 - Default gateway: **None**
 - Preferred DNS server: **None**
 9. Select **OK**.
 10. Select **Close**.
4. Ping the preferred DNS server assigned to the Ethernet NIC.
 1. Right-click **Start** and select **Terminal (Admin)**.
 2. From the PowerShell prompt, type one of the following:
 - **ping 163.128.78.93**
 - **ping 163.128.80.93**
 3. Press **Enter**.