

Lab Report: 6.6.6 Configure Alternate TCP/IP Settings

Your Performance

Your Score: 0 of 2 (0%)

Elapsed Time: 3 minutes 37 seconds

Pass Status: Not Passed

Required Score: 100%

Task Summary

Actions you were required to perform:

In Configure the wireless network connection to use DHCP Hide Details

- ☐ Use DHCP for addressing information
☐ Use DHCP for DNS server information

In Configure an alternate IP configuration Hide Details

- ☐ Configure an alternate configuration
☐ Use 192.168.2.13 for the IP address
☐ Use 255.255.255.0 for the subnet mask
☐ Use 192.168.2.254 for the default gateway
☐ Use 192.168.2.254 for the preferred DNS server

Explanation

In this lab, your task is to complete the following:

- Record the laptop's static IP and DNS configuration settings.
- Configure the laptop to obtain IP and DNS addresses automatically.
- Create an alternate TCP/IP connection with the static settings.

Complete this lab as follows:

1. In the notification area, select the **Network** icon and select **Open Network & Internet Settings**.
2. Record the laptop's static IP and DNS configuration settings as follows:
 - a. Select **Change adapter options**.
 - b. Right-click **Wi-Fi** and select **Properties**.
 - c. Select **Internet Protocol Version 4 (TCP/IPv4)**.
 - d. Select **Properties**.
 - e. On a piece of paper, record the values for the IP address, subnet mask, default gateway, and DNS server address.
3. Configure the laptop to obtain IP and DNS addresses automatically as follows:
 - a. Select **Obtain an IP address automatically**.
 - b. Select **Obtain DNS server address automatically**.
4. Create an alternate TCP/IP connection as follows:
 - a. Select the **Alternate Configuration** tab.
 - b. Select **User configured**.
 - c. In the IP address field, enter **192.168.2.13**.
 - d. In the Subnet mask field, enter **255.255.255.0**.
 - e. In the Default gateway field, enter **192.168.2.254**.
 - f. In the Preferred DNS server field, enter **192.168.2.254**.
 - g. Click **OK**.
 - h. Click **Close**.