

Lab Report

Your Performance

Your Score: 2 of 2 (100%)

Elapsed Time: 38 minutes 56 seconds

Pass Status: Pass

Required Score: 100%

Task Summary

Actions you were required to perform:

- ✓ Plug the workstation into the network
 - ✓ Configure TCP/IP settings
- [Show Details](#)

Explanation

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

- Connect the computer to the network.
- Modify the TCP/IP settings for the computer to match the network configuration:
 - Workstation IP address, choose any address between **192.168.0.15** and **192.168.0.254** except for the addresses of the workstations (192.168.0.30 - 192.168.0.34).
 - Subnet mask: **255.255.255.0**
 - Default gateway: **192.168.0.5**
 - DNS server: either **163.128.80.93** or **163.128.78.93** (default values).

Complete this lab as follows:

1. Verify the problem as follows:
 - a. In the notification area, right-click the **Network** icon and select **Open Network & Internet settings**. The network map shows no connection to the internet.
 - b. Select **Change adapter options** to help determine why.
 - c. Notice the **status** for the network connection is network cable unplugged.
 - d. Close the window.
2. Connect the cable as follows:
 - a. In the top navigation tabs, select **Office 1** to work with the computer hardware.
 - b. Above the computer, select **Back** to switch to the back view of the computer.
The computer has a network cable, but the link light is not on.
 - c. Select the **network cable** connected to the computer to see what is connected to the other end.
In the Selected Component window, notice that one end is unconnected.
 - d. Select the **unconnected end** and drag it to the network connection on the wall plate.
3. Fix settings as follows:
 - a. On the monitor, select Click to view Windows 10 to switch to the operating system view.
The notification area shows a network connection.
The network map in the Network Status does not show an internet connection.
 - b. Maximize the Network Status window for easier viewing.
 - c. Select **Network and Sharing Center**.
 - d. Select **Ethernet**.
 - e. Select **Details**.
 - f. Compare the current **TCP/IP configuration** with the required configuration shown in the Exhibit.
 - g. Click **Close**.
 - h. Select **Properties** to modify the TCP/IP configuration.
 - i. Select **Internet Protocol Version 4 (TCP/IPv4)**.
 - j. Select **Properties**.
 - k. In the IP address field, enter a correct **IP address**.
 - l. In the Subnet mask field, enter **255.255.255.0**.
 - m. In the Default gateway field, enter **192.168.0.5**.
 - n. In the Preferred DNS server field, enter a correct **DNS server address**.
 - o. Click **OK**.

p. Click **Close**.

q. Verify the internet connection in the Network and Sharing Center.