

Your Performance


Your Score: 0 of 2 (0%)
Elapsed Time: 1 minute 40 seconds

Pass Status: Not Passed
Required Score: 100%

Task Summary

 Create the NIC Team [Hide Details](#)

-  Team name: NetTeam
-  Add all three adapters to the team
-  Teaming Mode: Switch Independent
-  Load balancing mode: Address Hash
-  Standby adapter: Ethernet 3

 Configure the static IP address on the NIC Team [Hide Details](#)

-  Configure 192.168.0.10 for the IP address
-  Configure 255.255.255.0 for the subnet mask
-  Configure 192.168.0.5 for the gateway
-  Configure 192.168.0.11 and 192.168.10.11 for the DNS server addresses

Explanation

In this lab, you configure a NIC Team on CorpServer as follows:

- View the current IP configuration for the primary adapter.
- Create a NIC team with all adapters as members using the following parameters:
 - Team name: **NetTeam**
 - Teaming Mode: **Switch Independent**
 - Load balancing mode: **Address Hash**
 - Standby adapter: **Ethernet 3**
- Configure the NIC team to use same IP address as the primary adapter using the following parameters:
 - IP Address: **192.168.0.10**
 - Subnet mask: **255.255.255.0**
 - Default gateway: **192.168.0.5**
 - Preferred DNS server: **192.168.0.11**
 - Alternate DNS server: **192.168.10.11**
- Verify the status of the team and your network connection in Network and Sharing Center.

Complete this lab as follows:

1. View the current IP configuration for the primary adapter as follows:
 - a. Right-click the **network** icon and select **Open Network and Sharing Center**.
 - b. Select **Ethernet**.
 - c. Select **Details**.
 - d. Click **Close**.
 - e. Click **Close**.
2. Create a NIC team as follows:
 - a. In Server Manager, select **Local Server** from the menu on the left.
 - b. Next to NIC Teaming, select **Disabled** to configure NIC Teaming.
 - c. In the Teams panel, select **Tasks > New Team**.
 - d. Enter the **team name**.
 - e. Select the **adapters** to be included in the team.
 - f. Select **Additional Properties**.
 - g. Make sure **Switch Independent** is selected as the teaming mode.
 - h. Make sure **Address Hash** is selected as the load balancing mode.
 - i. In the Standby adapter drop-down list, select **Ethernet 3**; then click **OK**.

3. Configure the NIC team to use the same IP address as primary adapter as follows:
 - a. In Network and Sharing Center, select **Change adapter settings**.
 - b. Right-click **NetTeam** and select **Properties**.
 - c. Select **Internet Protocol Version 4 (TCP/IPv4)**.
 - d. Select **Properties**.
 - e. Select **Use the following IP address**.
 - f. Enter the *IP address*.
 - g. Enter the *subnet mask*.
 - h. Enter the *default gateway*.
 - i. Make sure **Use the following DNS server addresses** is selected.
 - j. Enter the *preferred DNS server address*.
 - k. Enter the *alternate DNS server address*.
 - l. Click **OK**.
 - m. Click **Close**.
4. Verify the status of the NIC team and your network connection as follows:
 - a. Right-click the **network** icon and select **Open Network and Sharing Center**.
 - b. Make sure **NetTeam** is displayed by Connections.