

7.1 Lab: Configure NTP on Linux

Candidate: COMPTIA COMPTIA ()

Time Spent: 00:20

Score: 0%

Task Summary

Required Actions and Questions

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- ✗ Install the NTP service
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- ✗ Verify that the NTP service is running
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- ✗ Q1: What is the status of the NTP service?
Your answer:
Correct answer: **Active (running)**
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- ✗ Q2: What is the IP address for the NTP server?
Your answer:
Correct answer: **192.168.0.22**
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- ✗ Add the NTP server to Exec
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- ✗ Verify the status of time synchronization
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Explanation

Complete this lab as follows:

1. Install the NTP service on the CorpData server.
 - a. Under Networking Closet, select **CorpData**.
 - b. From the Favorites bar, select **Terminal**.
 - c. At the terminal prompt, type **dnf install ntp** and then press **Enter** to begin the installation process.
 - d. Type **y** and press **Enter** to install the NTP package.
2. Verify that the NTP service is running.
 - a. Type **systemctl status ntp** and press **Enter**.
 - b. From the top left, select **Questions**.
 - c. Answer Question 1.
3. Find the NTP server's IP address.
 - a. Type **ip addr show | more** to view the NTP server's IP address.
 - b. Answer Question 2.
4. Add the NTP server as a time source for the Exec computer.
 - a. From the top left, select **Floor1**.
 - b. Under Executive Office, select **Exec**.

- c. Right-click **Start** and select **Terminal (Admin)**.
 - d. Configure Exec to use the NTP server with the following command:
w32tm /config /manualpeerlist:192.168.0.22,0x8 /syncfromflags:MANUAL /update
5. Verify that the Exec computer is using the NTP server for time synchronization.
- a. In the console, type **w32tm /query /status** and then press **Enter**.