

Lab report: 04/22/2025 10:19

# CompTIA Network+ N10-008

## Internet Protocol Addressing Solutions

Start:

**04/22/2025 10:19**

Finish:

**04/22/2025 10:36**

Elapsed (min):

**17.0**

Auth code:

**JVP9GE**

Status:

**Submitted**

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## User Details

Email:

**enter your email address**

Username:

**a2564bd3-3c96-45a4-986b-9f18b528ce0e**

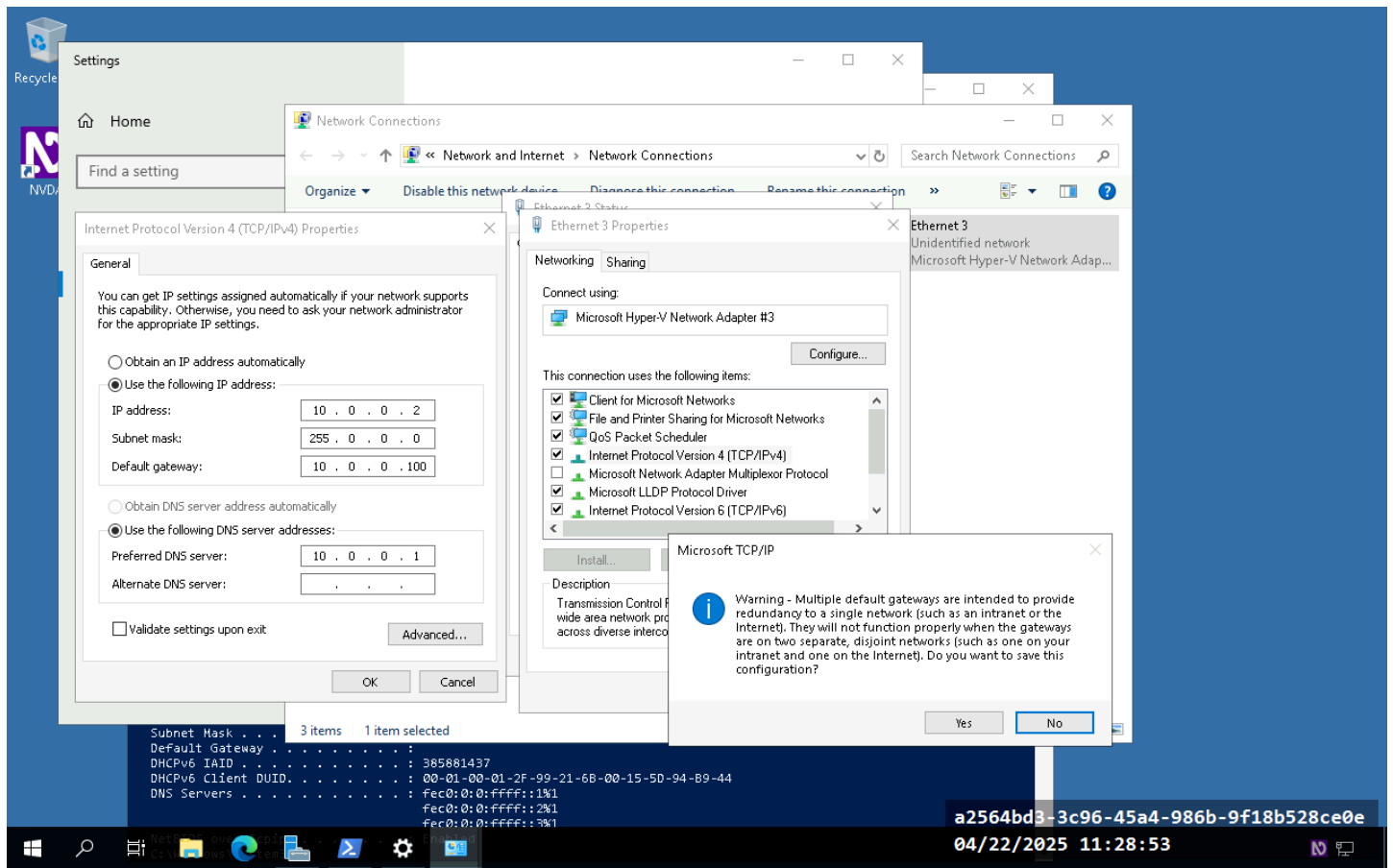
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# 1. Screenshot

Actioned

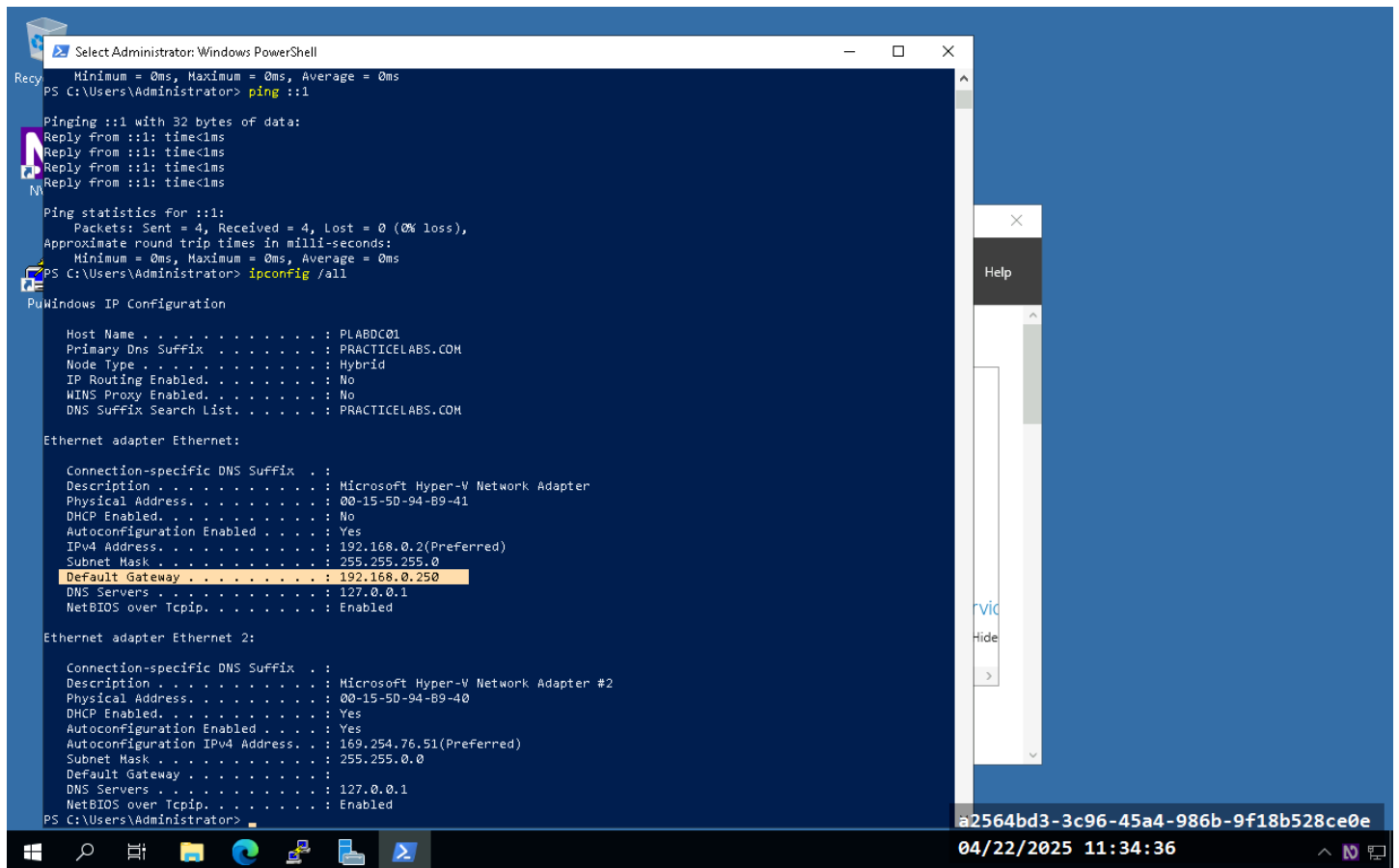
Item completed: 04/22/2025 10:28

Value: 0



## 2. Screenshot

Actioned

Item completed: **04/22/2025 10:34**Value: **0**

The screenshot shows a Windows PowerShell window titled "Select Administrator: Windows PowerShell". The user is running the command `ping ::1`, which results in four successful replies with 0ms latency. Following this, the user runs `ipconfig /all`, displaying detailed network configuration for two Ethernet adapters. The first adapter, "Ethernet", has an IPv4 address of 192.168.0.2 (Preferred) and a default gateway of 192.168.0.250. The second adapter, "Ethernet 2", has an IPv4 address of 169.254.76.51 (Preferred). The taskbar at the bottom shows the date and time as 04/22/2025 11:34:36.

```
Select Administrator: Windows PowerShell
Minimum = 0ms, Maximum = 0ms, Average = 0ms
PS C:\Users\Administrator> ping ::1

Pinging ::1 with 32 bytes of data:
Reply from ::1: time<1ms
Reply from ::1: time<1ms
Reply from ::1: time<1ms
Reply from ::1: time<1ms

Ping statistics for ::1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
PS C:\Users\Administrator> ipconfig /all

Windows IP Configuration

Host Name . . . . . : PLABDC01
Primary Dns Suffix . . . . . : PRACTICELABS.COM
Node Type . . . . . : Hybrid
IP Routing Enabled. . . . . : No
WINS Proxy Enabled. . . . . : No
DNS Suffix Search List. . . . . : PRACTICELABS.COM

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix . : 
    Description . . . . . : Microsoft Hyper-V Network Adapter
    Physical Address. . . . . : 00-15-5D-94-B9-41
    DHCP Enabled. . . . . : No
    Autoconfiguration Enabled . . . : Yes
    IPv4 Address. . . . . : 192.168.0.2(Preferred)
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.0.250
    DNS Servers . . . . . : 127.0.0.1
    NetBIOS over Tcpip. . . . . : Enabled

Ethernet adapter Ethernet 2:

    Connection-specific DNS Suffix . : 
    Description . . . . . : Microsoft Hyper-V Network Adapter #2
    Physical Address. . . . . : 00-15-5D-94-B9-40
    DHCP Enabled. . . . . : Yes
    Autoconfiguration Enabled . . . : Yes
    Autoconfiguration IPv4 Address. . : 169.254.76.51(Preferred)
    Subnet Mask . . . . . : 255.255.0.0
    Default Gateway . . . . . : 
    DNS Servers . . . . . : 127.0.0.1
    NetBIOS over Tcpip. . . . . : Enabled
PS C:\Users\Administrator>
```

Actioned

Value: 0

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#### 4. Question

Actioned

Item completed: **04/22/2025 10:35**

Value: **1**

Answer: **192.168.0.10**

 **PASS**

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#### 5. Question

Actioned

Item completed: **04/22/2025 10:35**

Value: **1**

Answer: **255.0.0.0**

 **PASS**

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#### 6. Question

Actioned

Item completed: **04/22/2025 10:35**

Value: **1**

Answer: **255.255.255.240**

 **PASS**

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#### 7. Question

Actioned

Item completed: **04/22/2025 10:36**

Value: **1**

Answer: **127.0.0.1**

 **PASS**

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#### 8. Question

Actioned

Item completed: **04/22/2025 10:36**

Value: **1**

Answer: **Sends network communication to a specific set of hosts**

 **PASS**

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Score : 5 out of 5 (100%)

