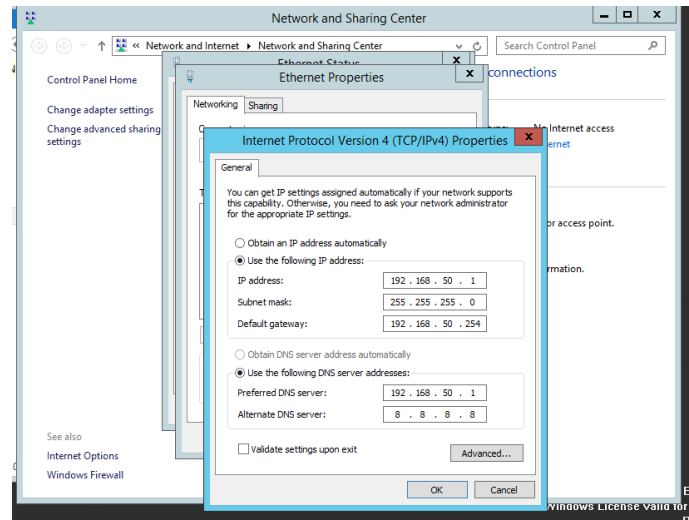
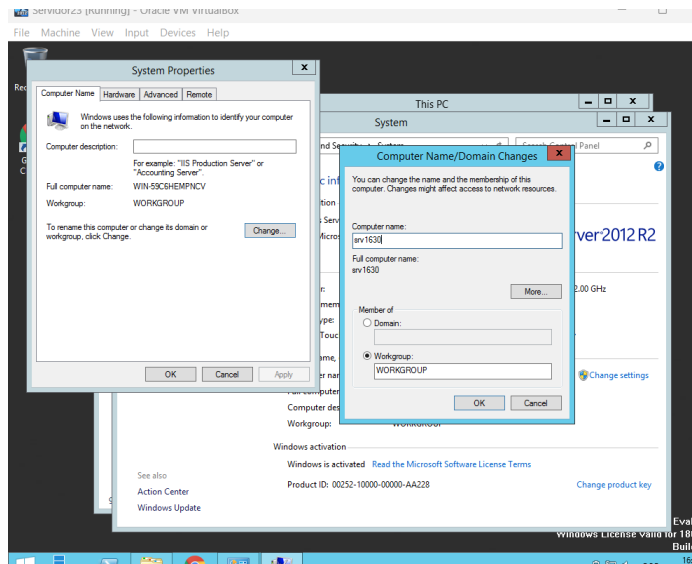


Pedro Miguel Neves Martins

2021135054

Pergunta 1



```
Windows PowerShell
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PS C:\Users\Administrator> ipconfig

Windows IP Configuration

Ethernet adapter Ethernet 2:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

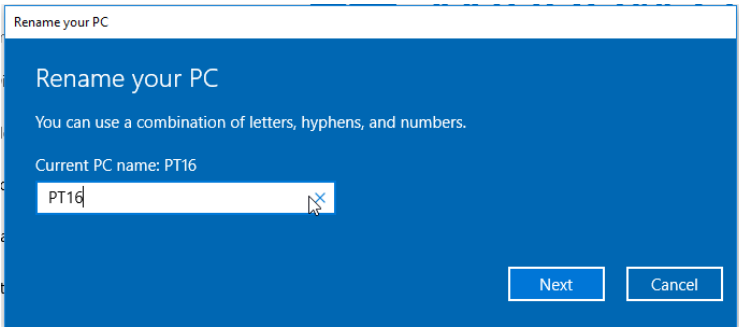
Ethernet adapter Ethernet:

    Connection-specific DNS Suffix  . :
    Link-local IPv6 Address . . . . . : fe80::490b:47b8:8fc7:2e40%12
    IPv4 Address. . . . . : 192.168.50.1
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.50.254

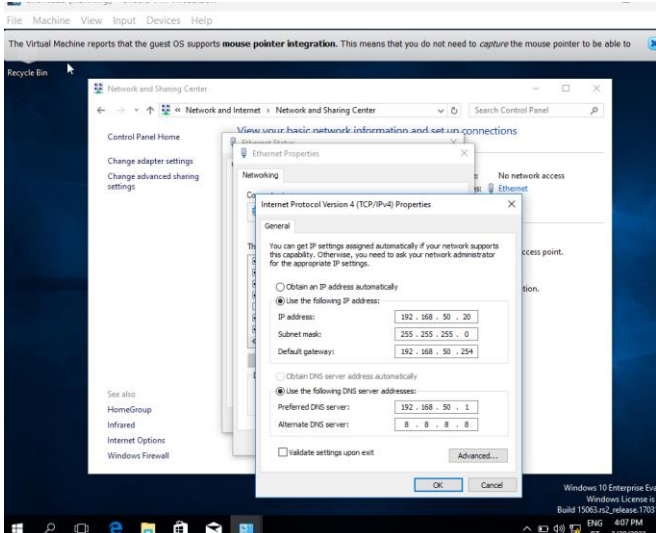
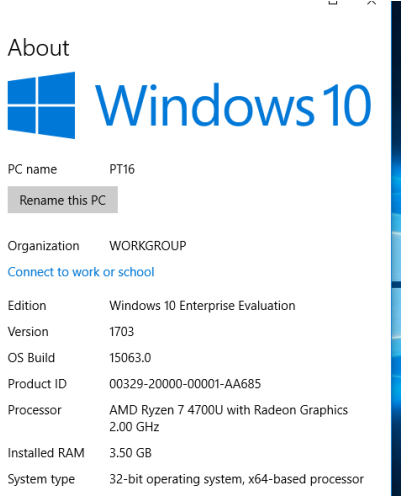
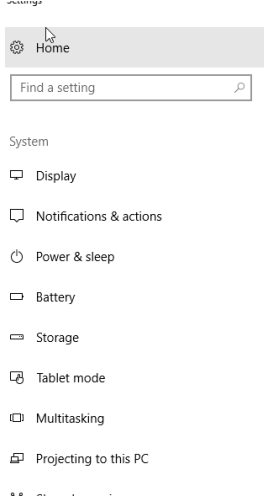
Tunnel adapter isatap.{140F345A-12EE-4A4B-A33B-AE73D07BBD08}:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :
PS C:\Users\Administrator>
```

Pergunta 2



tablet mode	Product ID	00329-20000-00001-AA685
multitasking	Processor	AMD Ryzen 7 4700U with Radeon Graphics 2.00 GHz
projecting to this PC	Installed RAM	3.50 GB
shared experiences	System type	32-bit operating system, x64-based processor



```
The Virtual Machine reports that the guest OS supports mouse pointer integration. This means that you do not need to capture the mouse pointer to be able to use the mouse pointer to interact with the guest OS.

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PS C:\Users\Administrator> ipconfig

Windows IP Configuration

Ethernet adapter Ethernet 2:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . : 

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix . : 
    Link-local IPv6 Address . . . . . : fe80::490b:47b0:8fc7:2e40%12
    IPv4 Address. . . . . : 192.168.50.1
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.50.254

Tunnel adapter isatap.{140F3458-12EE-404B-A33B-AE73D07BBD0C}:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . : 

PS C:\Users\Administrator> ping 192.168.50.20

Pinging 192.168.50.20 with 32 bytes of data:
Reply from 192.168.50.20: bytes=32 time<1ms TTL=128
Reply from 192.168.50.20: bytes=32 time<1ms TTL=128
Reply from 192.168.50.20: bytes=32 time<1ms TTL=128
Reply from 192.168.50.20: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.50.20:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

PS C:\Users\Administrator>
```

```
Microsoft Windows [Version 10.0.15063]
(c) 2017 Microsoft Corporation. All rights reserved.

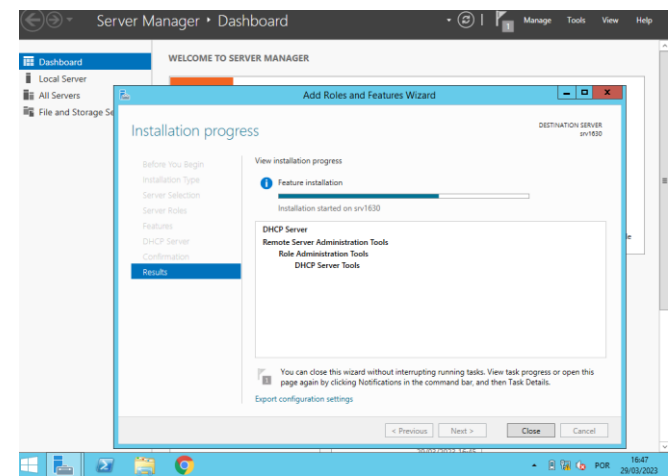
C:\Users\WK01>ping 192.168.50.1

Pinging 192.168.50.1 with 32 bytes of data:
Reply from 192.168.50.1: bytes=32 time<1ms TTL=128
Reply from 192.168.50.1: bytes=32 time<1ms TTL=128
Reply from 192.168.50.1: bytes=32 time<1ms TTL=128
Reply from 192.168.50.1: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.50.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Users\WK01>
```

Pergunta 3

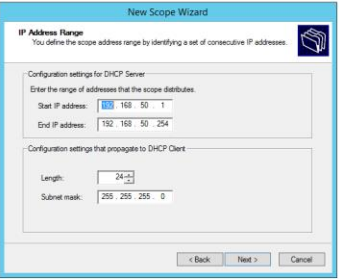


Add a Scope

pe is a range of IP addresses assigned to computers requesting a dynamic IP address. You must create and configure a scope before dynamic IP addresses can be assigned.

Id a new scope, on the Action menu, click New Scope.

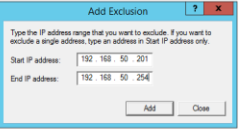
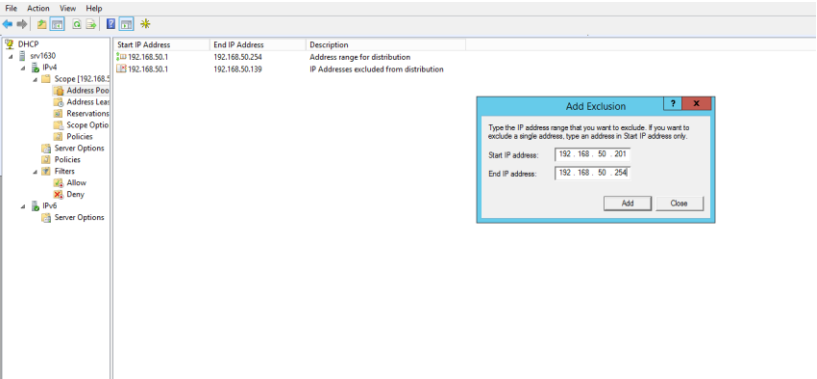
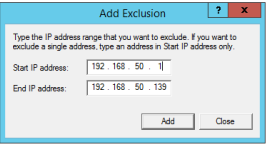
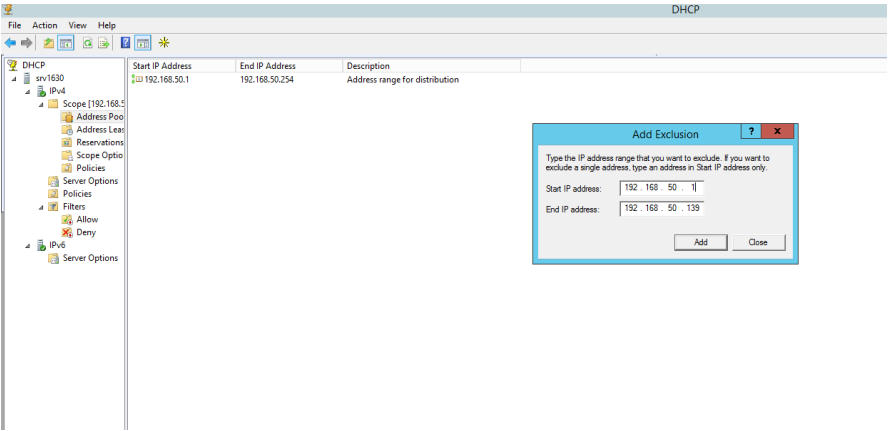
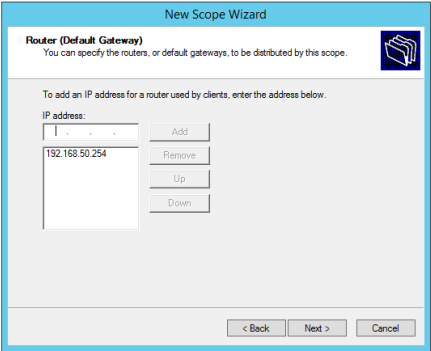
ore information about setting up a DHCP server, see online Help.



ed to computers requesting a dynamic IP address. You must create and configure a scope before dynamic IP addresses can be assigned.

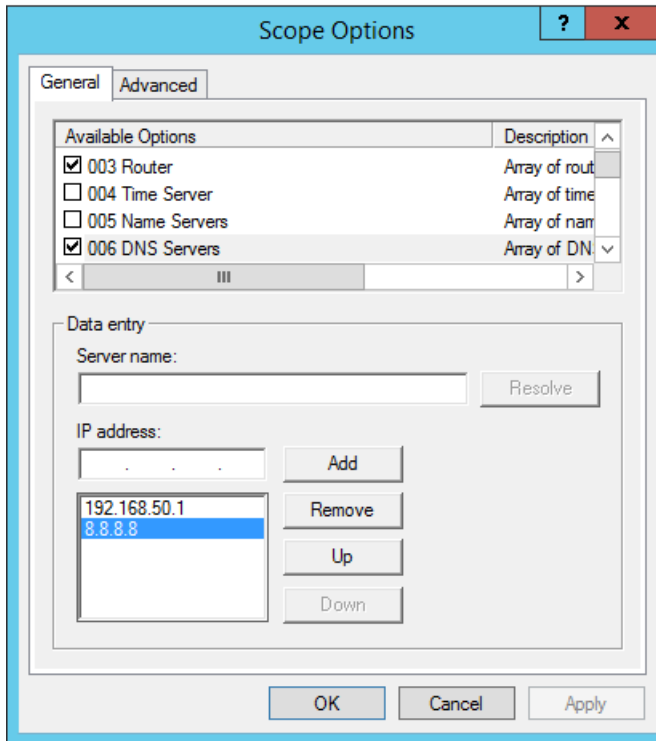
u, click New Scope.

DHCP server, see online Help.



Start IP Address	End IP Address	Description
192.168.50.1	192.168.50.254	Address range for distribution
192.168.50.1	192.168.50.139	IP Addresses excluded from distribution
192.168.50.201	192.168.50.254	IP Addresses excluded from distribution

Pergunta 3



```
Command Prompt
Microsoft Windows [Version 10.0.15063]
(c) 2017 Microsoft Corporation. All rights reserved.

C:\Users\WK01>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix . : sr1
    Link-local IPv6 Address . . . . . : fe80::6817:ae92:46d7:d210%3
    IPv4 Address. . . . . : 192.168.50.140
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.50.254

C:\Users\WK01>
```

```
Administrator: Windows PowerShell

Windows PowerShell
Copyright (C) 2013 Microsoft Corporation. All rights reserved.

PS C:\Users\Administrator> ipconfig

Windows IP Configuration

Ethernet adapter Ethernet 2:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . :

Ethernet adapter Ethernet:

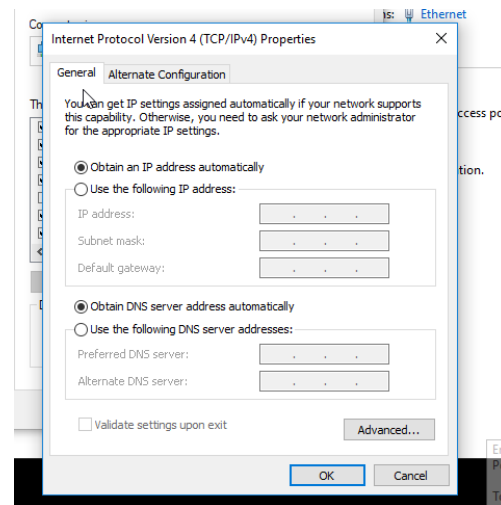
    Connection-specific DNS Suffix . :
    Link-local IPv6 Address . . . . . : fe80::490b:47b8:0fc7:2e40%12
    IPv4 Address. . . . . : 192.168.50.1
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.50.254

Tunnel adapter isatap.{1A0F3A58-12EE-4A4B-A33B-AE73007800C0}:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . :

PS C:\Users\Administrator> ping 192.168.50.140

Pinging 192.168.50.140 with 32 bytes of data:
Reply from 192.168.50.140: bytes=32 time<1ms TTL=128
Reply from 192.168.50.140: bytes=32 time<1ms TTL=128
Reply from 192.168.50.140: bytes=32 time<1ms TTL=128
```



```
Network and Sharing Center

Command Prompt

Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 192.168.50.254

C:\Users\WK01>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix . : sr1
    Link-local IPv6 Address . . . . . : fe80::6817:ae92:46d7:d210%3
    IPv4 Address. . . . . : 192.168.50.140
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.50.254

C:\Users\WK01>ping 192.168.50.1

Pinging 192.168.50.1 with 32 bytes of data:
Reply from 192.168.50.1: bytes=32 time<1ms TTL=128
Reply from 192.168.50.1: bytes=32 time<1ms TTL=128
Reply from 192.168.50.1: bytes=32 time<1ms TTL=128
Reply from 192.168.50.1: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.50.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\Users\WK01>
```

Pergunta 4

Start IP Address	End IP Address	Description
192.168.50.1	192.168.50.254	Address range for distribution

?

x

Add Exclusion

Type the IP address range that you want to exclude. If you want to exclude a single address, type an address in Start IP address only.

Start IP address: 192 . 168 . 50 . 1

End IP address: 192 . 168 . 50 . 149

Add

Close

Start IP Address	End IP Address	Description
192.168.50.1	192.168.50.254	Address range for distribution
192.168.50.1	192.168.50.149	IP Addresses excluded from distribution

?

x

Add Exclusion

Type the IP address range that you want to exclude. If you want to exclude a single address, type an address in Start IP address only.

Start IP address: 192 . 168 . 50 . 251

End IP address: 192 . 168 . 50 . 254

Add

Close

?

x

Scope Options

General

Advanced

Available Options

Description

☒ 003 Router

Array of rout

☐ 004 Time Server

Array of time

☐ 005 Name Servers

Array of nam

☒ 006 DNS Servers

Array of DN

<

>

Data entry

Server name:

Resolve

IP address:

1 . 1 . 1 . 1

Add

192.168.50.1

Remove

Up

Down

OK

Cancel

Apply

Start IP Address	End IP Address	Description
192.168.50.1	192.168.50.254	Address range for distribution
192.168.50.1	192.168.50.149	IP Addresses excluded from distribution
192.168.50.251	192.168.50.254	IP Addresses excluded from distribution

```
Microsoft Windows [Version 10.0.15063]
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C:\Users\WK01>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix . : sr1
    Link-local IPv6 Address . . . . . : fe80::6817:ae92:46d7:d210%3
    IPv4 Address. . . . . : 192.168.50.150
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.50.254

C:\Users\WK01>
```

```
Administrator: Windows PowerShell

Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . : 
PS C:\Users\Administrator> ping 192.168.50.140

Pinging 192.168.50.140 with 32 bytes of data:
Reply from 192.168.50.140: bytes=32 time<1ms TTL=128
Reply from 192.168.50.140: bytes=32 time<1ms TTL=128
Reply from 192.168.50.140: bytes=32 time<1ms TTL=128
Reply from 192.168.50.140: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.50.140:
    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

Windows IP Configuration

Ethernet adapter Ethernet 2:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . : 

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix . : 
    Link-local IPv6 Address . . . . . : fe80::a0b2:47a0:8fc7:2e40%12
    IPv4 Address. . . . . : 192.168.50.1
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.50.254

Tunnel adapter isatap.{C10F3A5a-12EE-4a40-8330-0E730078B8C0}:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . : 
PS C:\Users\Administrator> ping 192.168.50.150

Pinging 192.168.50.150 with 32 bytes of data:
Reply from 192.168.50.150: bytes=32 time<1ms TTL=128
Reply from 192.168.50.150: bytes=32 time<1ms TTL=128
Reply from 192.168.50.150: bytes=32 time<1ms TTL=128
Reply from 192.168.50.150: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.50.150:
    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>
```

```
Microsoft Windows [Version 10.0.15063]
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C:\Users\WK01>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix . : sr1
    Link-local IPv6 Address . . . . . : fe80::6817:ae92:46d7:d210%3
    IPv4 Address. . . . . : 192.168.50.150
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.50.254

C:\Users\WK01>ping 192.168.50.1

Pinging 192.168.50.1 with 32 bytes of data:
Reply from 192.168.50.1: bytes=32 time<1ms TTL=128
Reply from 192.168.50.1: bytes=32 time<1ms TTL=128
Reply from 192.168.50.1: bytes=32 time<1ms TTL=128
Reply from 192.168.50.1: bytes=32 time<1ms TTL=128
```