

Asseg 1

by Aliu Djalo

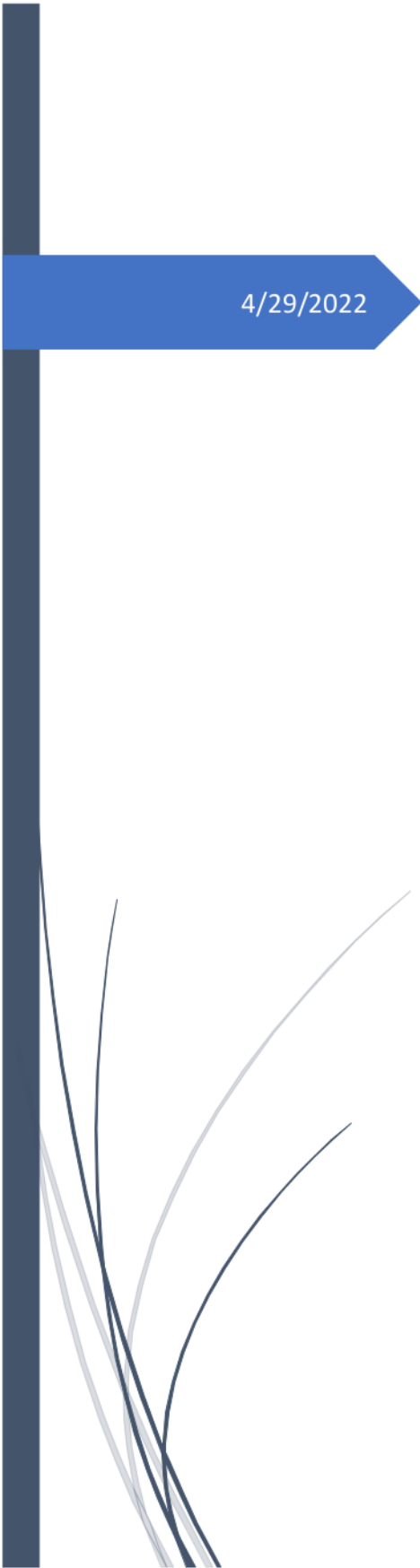
Submission date: 29-Apr-2022 05:21PM (UTC+0100)

Submission ID: 177866423

File name: 34332_Aliu_Djalo_Aseg_1_417978_1282794508.docx (15.22M)

Word count: 478

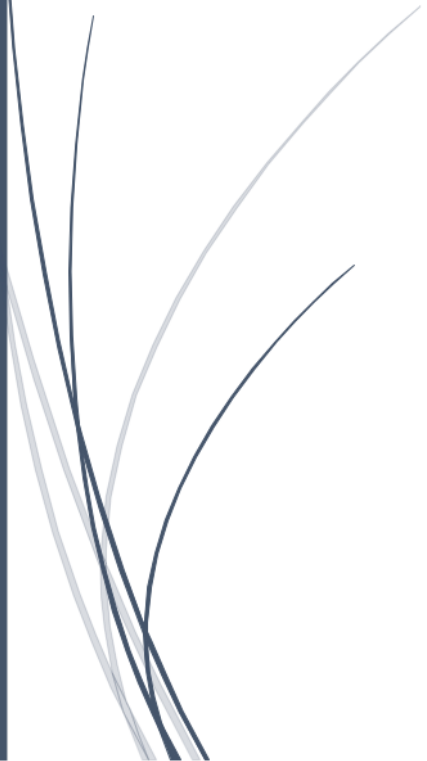
Character count: 2208

A thick dark blue vertical bar runs down the left side of the page. A blue arrow points to the right from the bar, containing the date.

4/29/2022

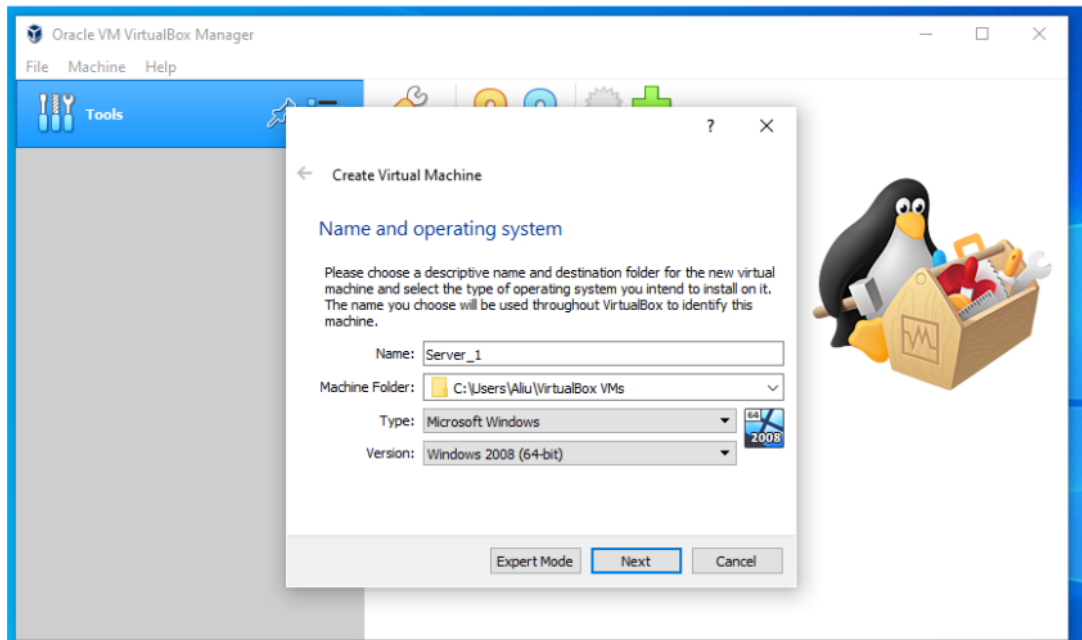
Computer System(ACCA4021)

Assignment One

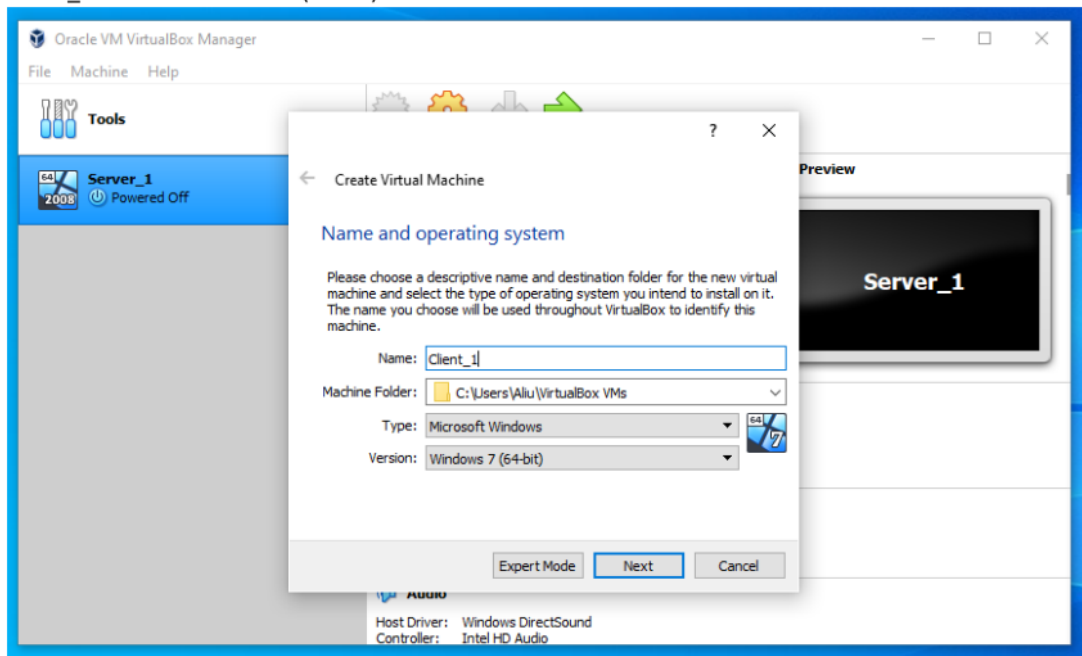
Several thin, curved lines in dark blue and light grey originate from the bottom left and sweep upwards and to the right.

Aliu Djalo (2117368)

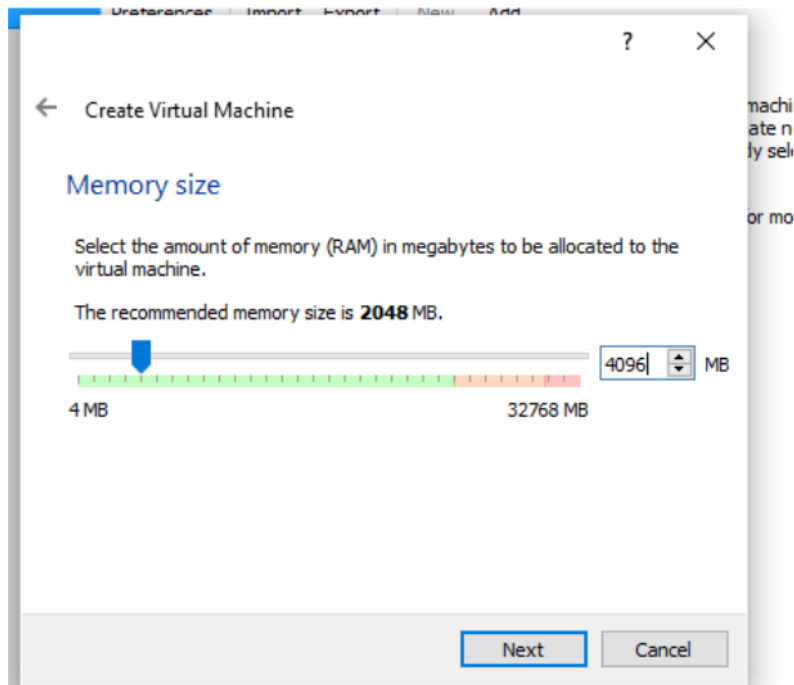
Server1 version: windows 2008(64-bit)



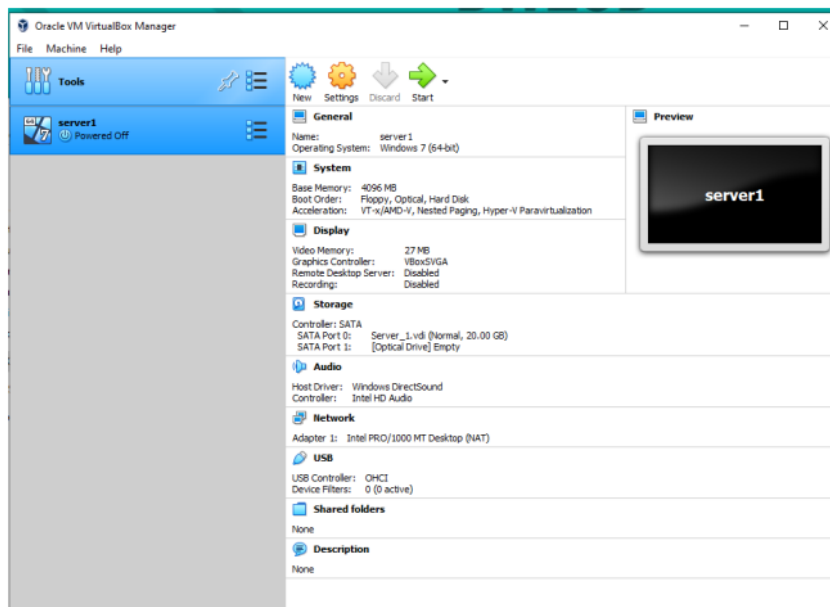
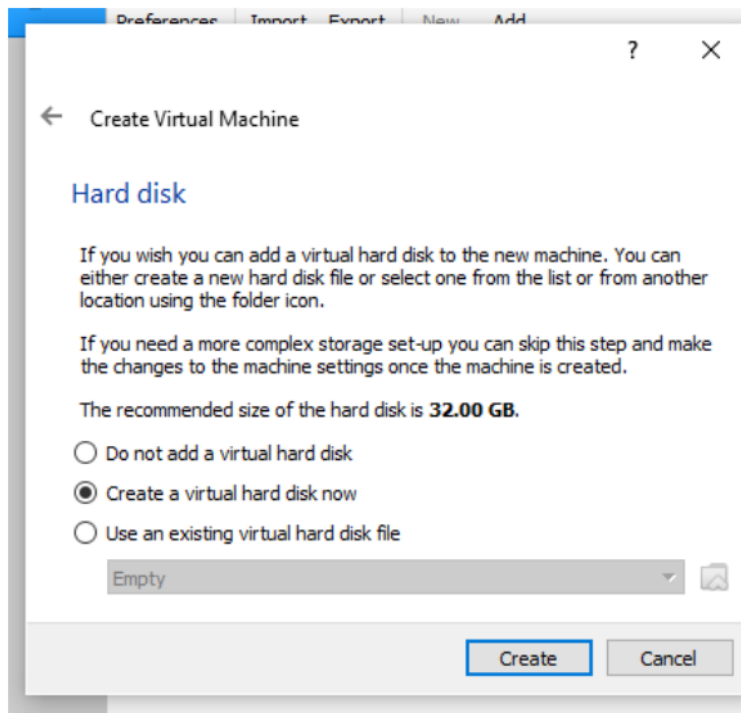
Client_1 version Windows 7 (64-bit)

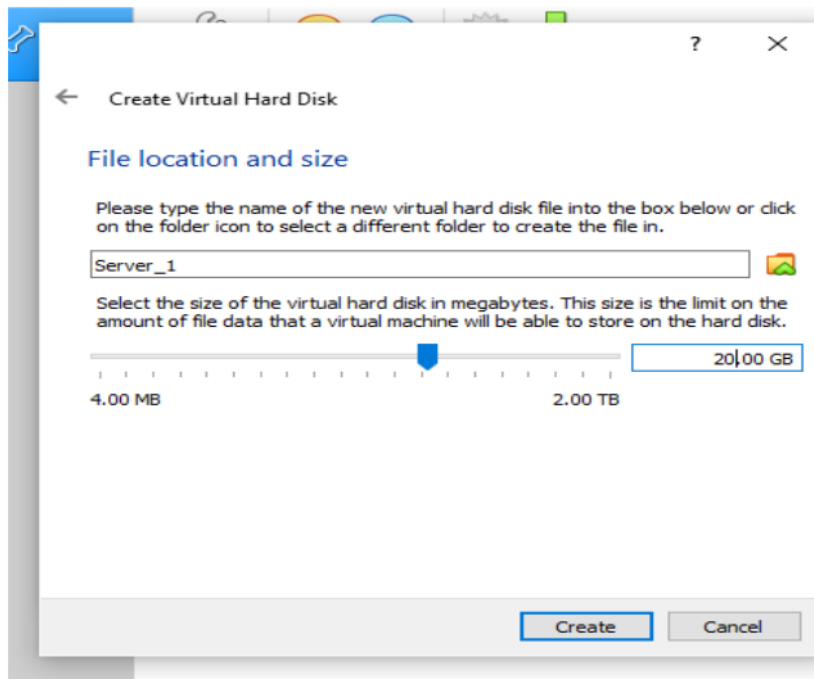


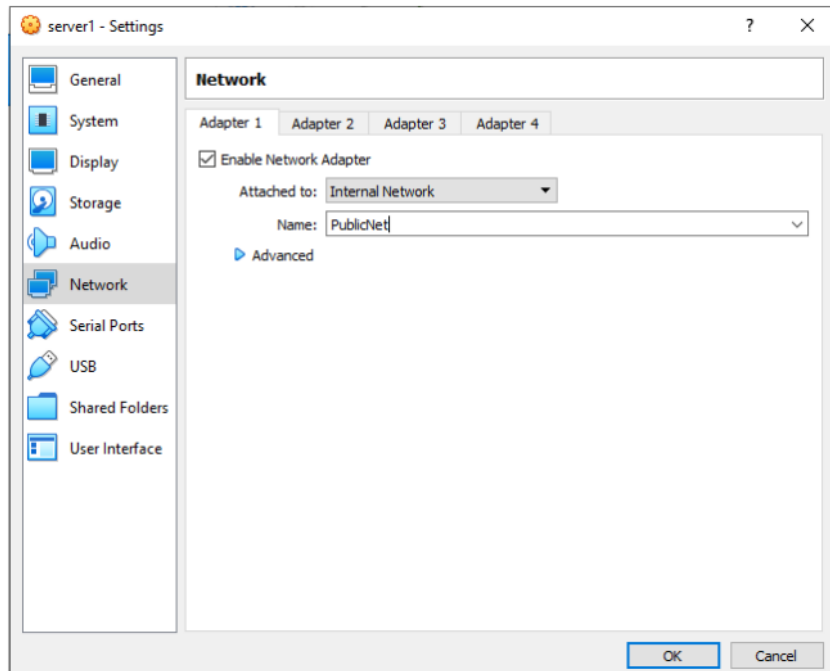
The amount of memory RAM for the virtual machine 4096MB.

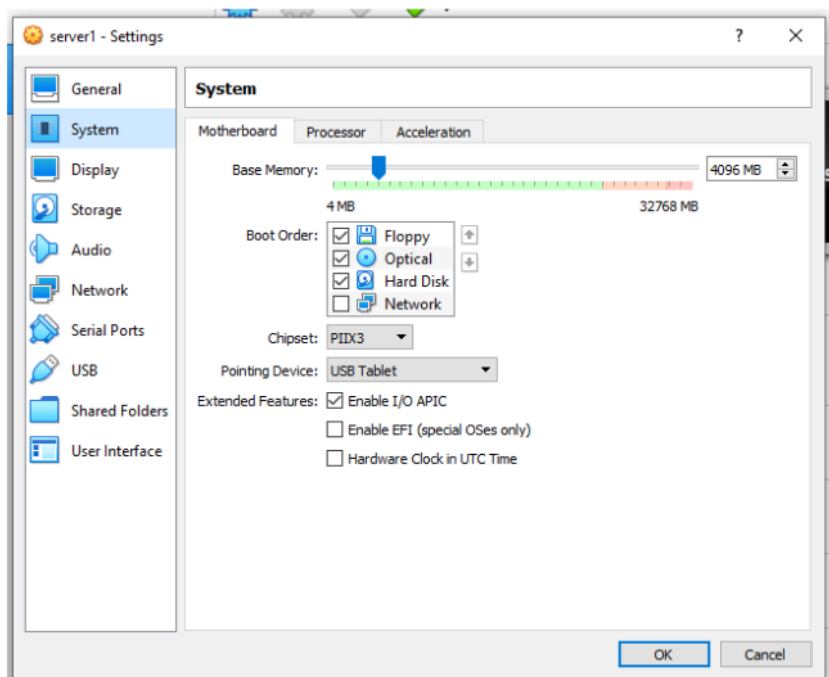
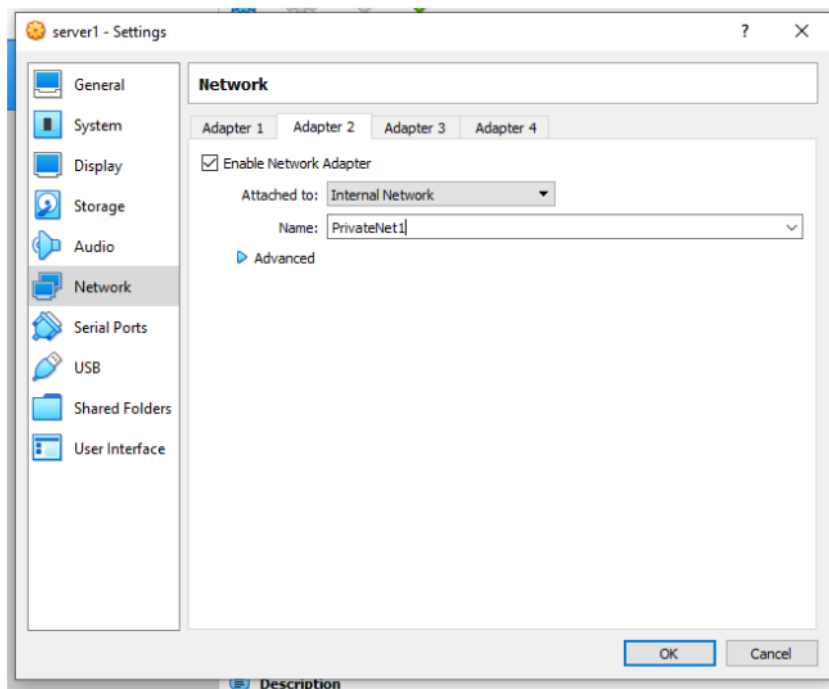


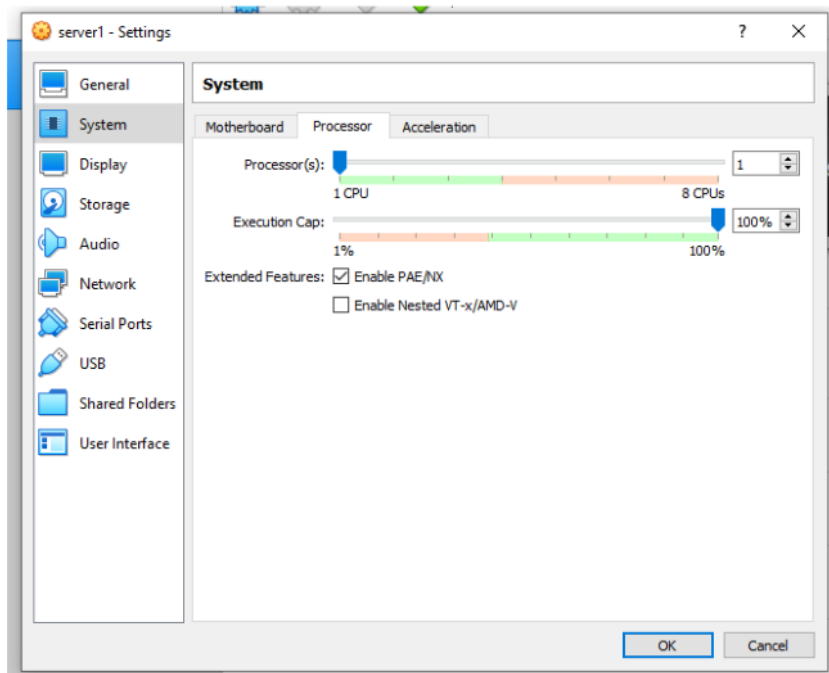
No changes on the Hard Disk the one on default is fine.

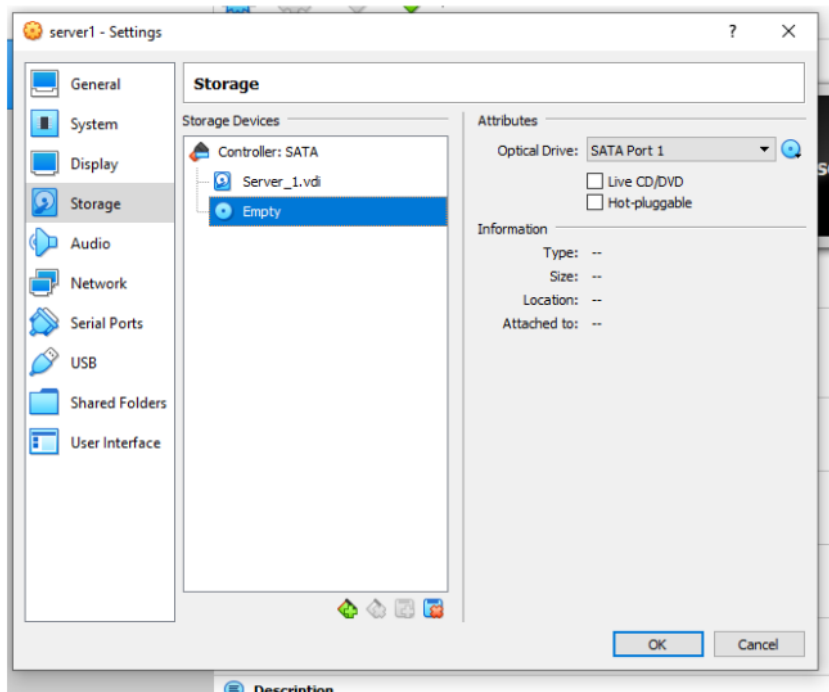
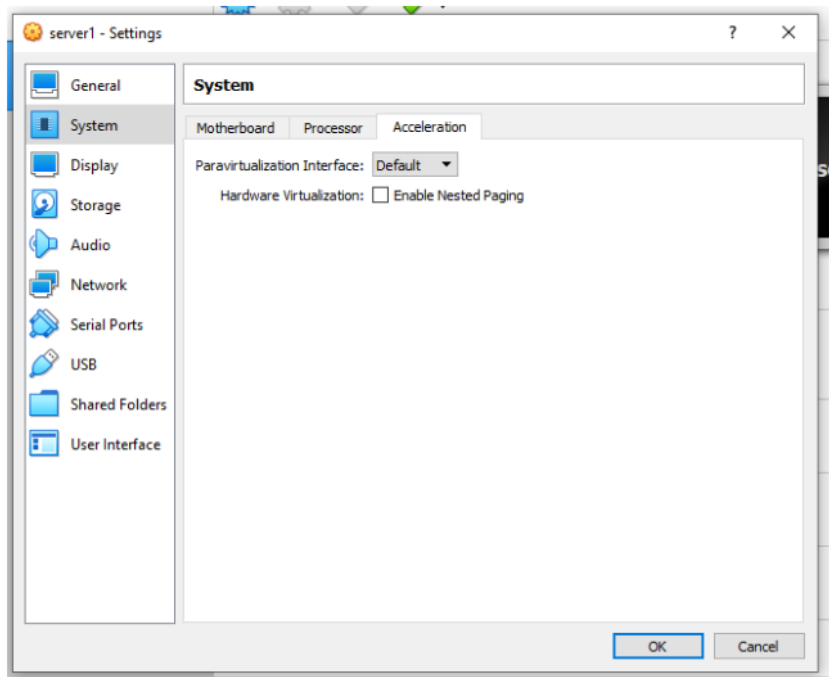


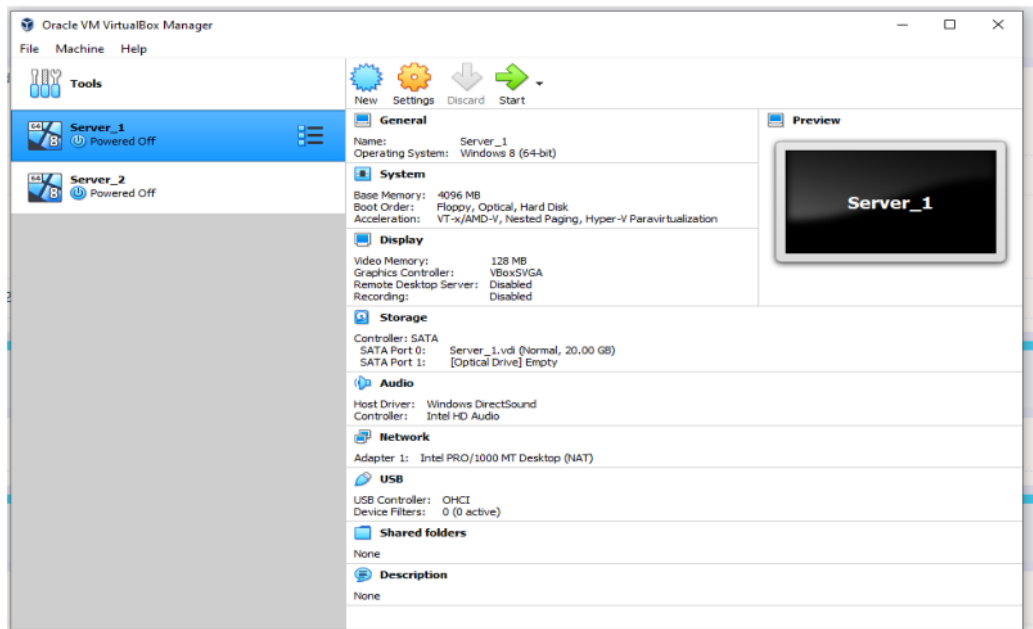




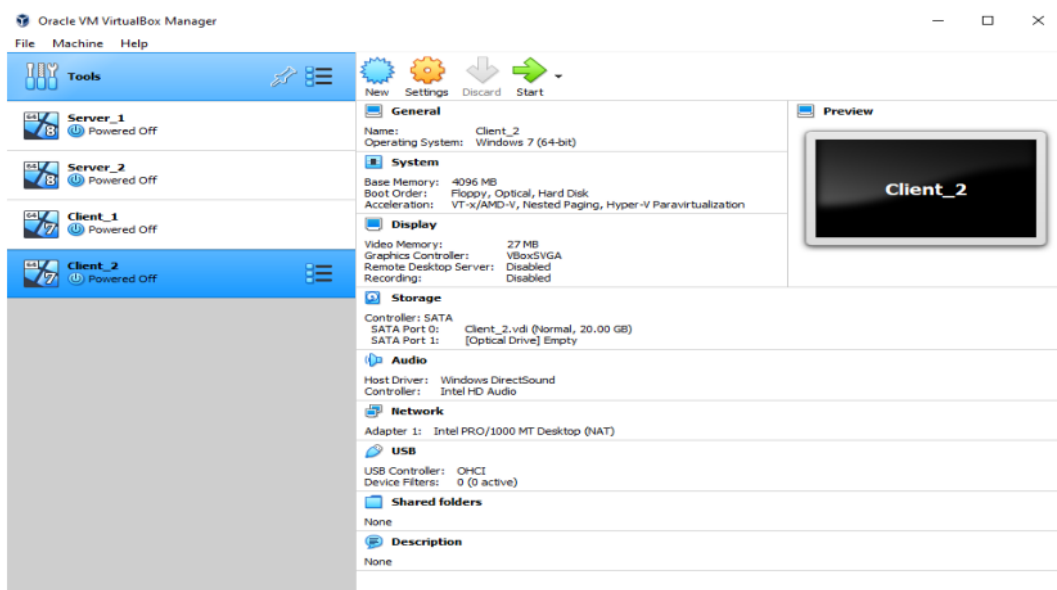




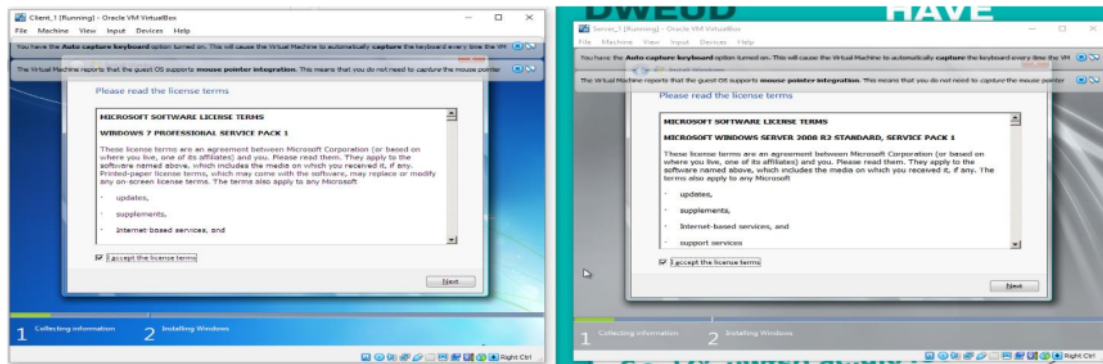
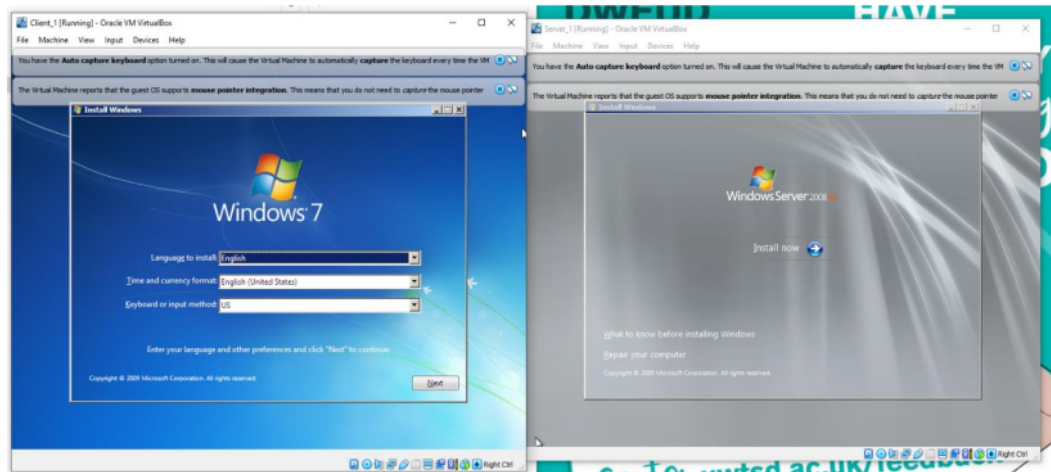




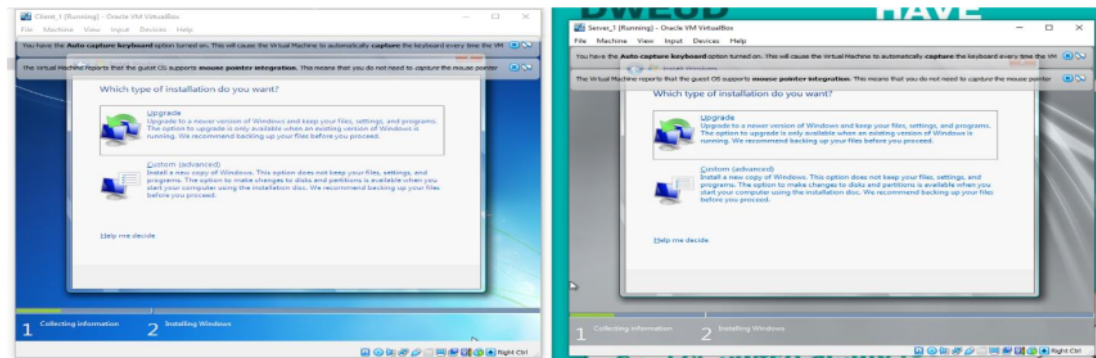
The author did the same thing for server 2 and client 2 and now they are both ready to start the installation. We will install windows server 2008 (64-bits) on both server and windows 2007 on both Clients.



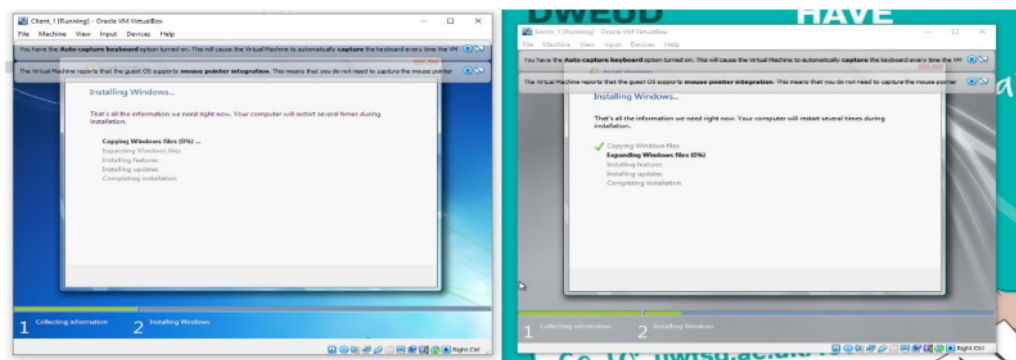
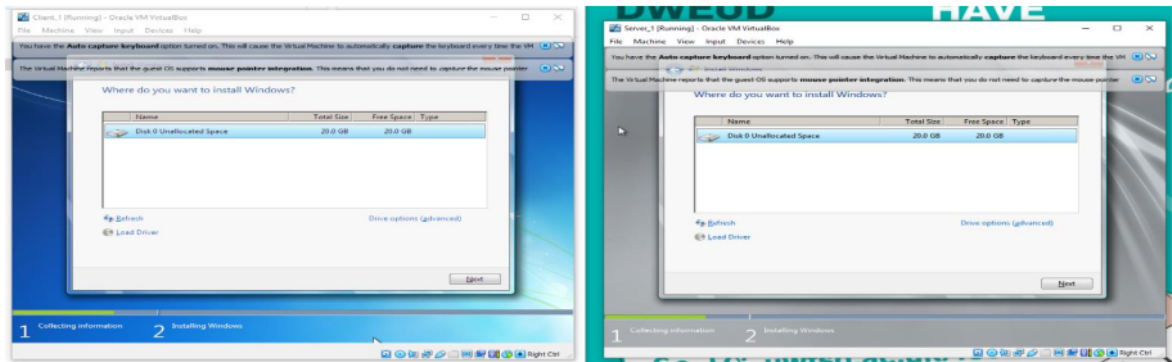
Here is client 1 and server 1.



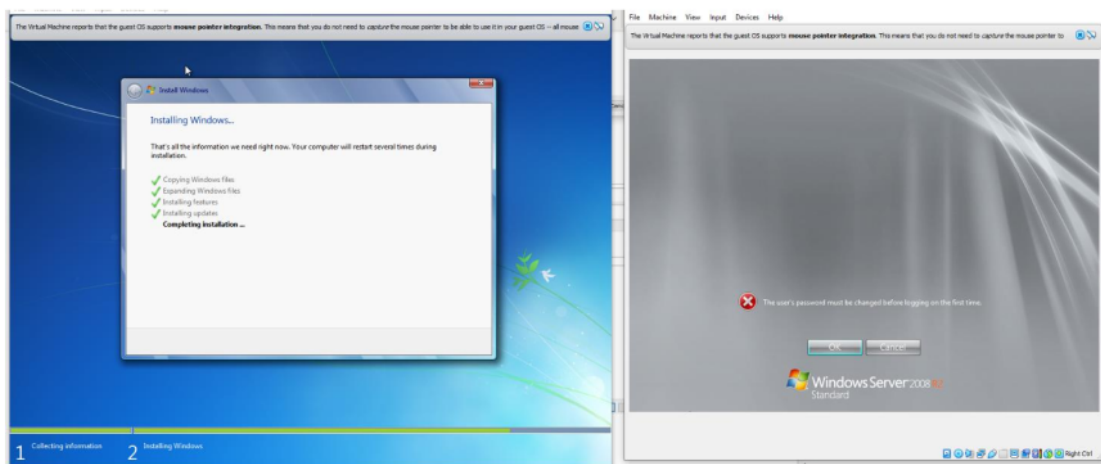
Click on custom advanced



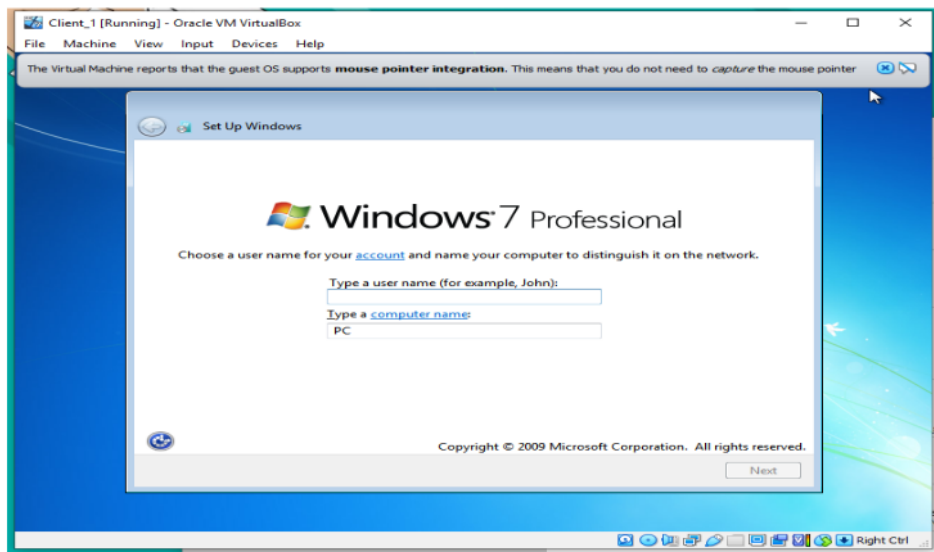
Click next and start the installation which takes a little bit of time



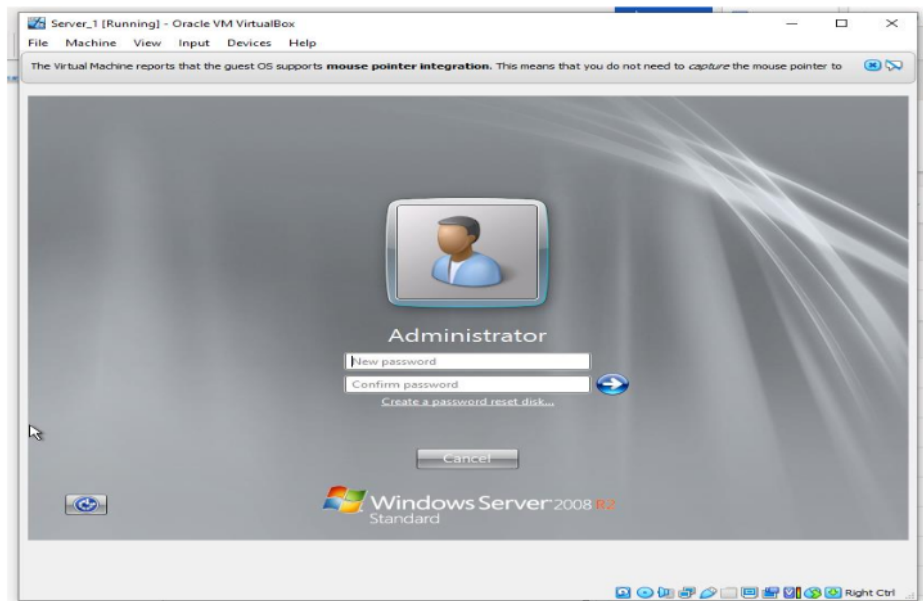
Almost ready, change the user password on server 1 make sure you remember the password.



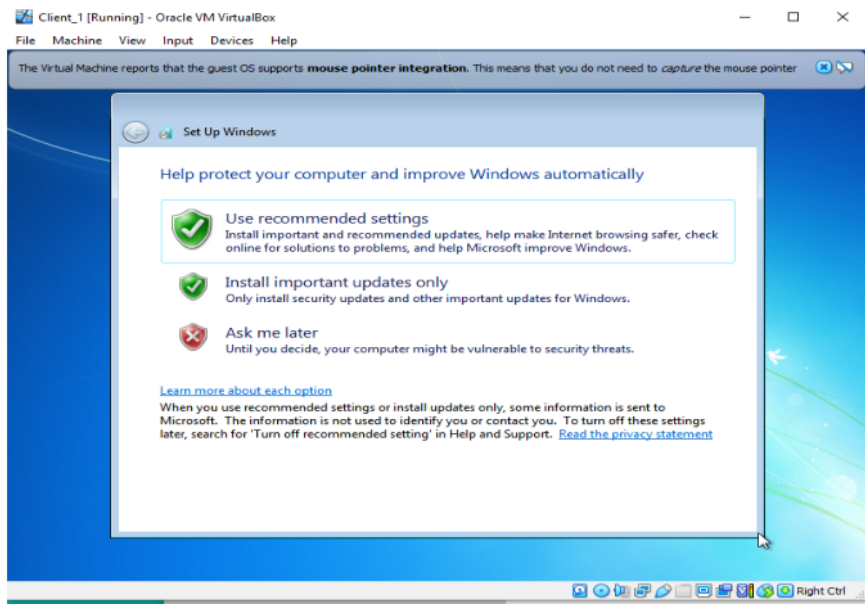
Client_1



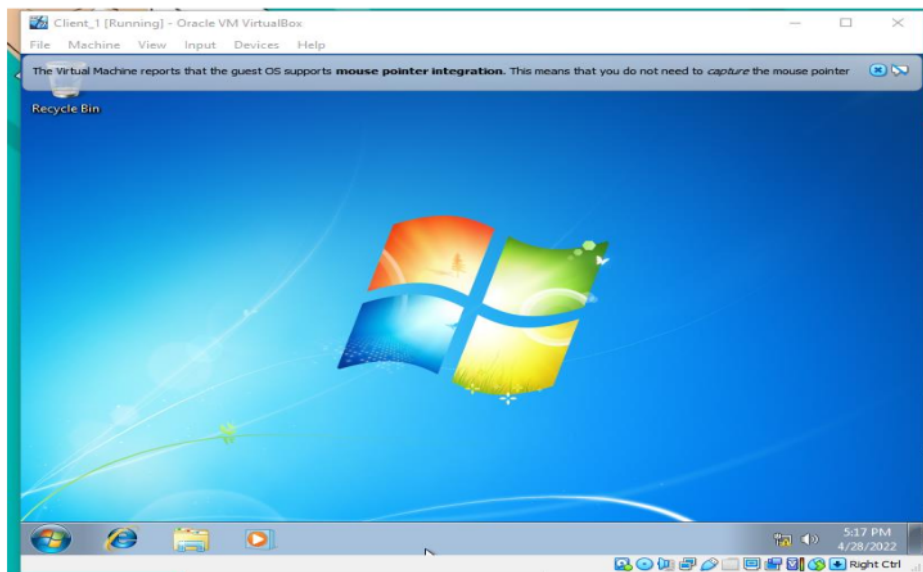
Server_1



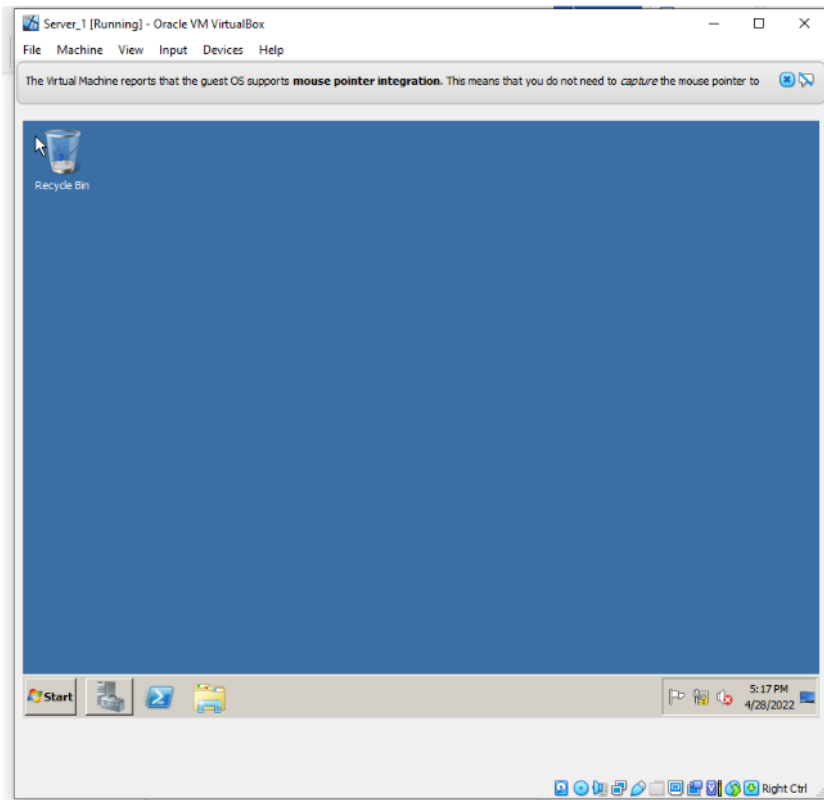
Click on recommended settings to continue the installation.



The installation for client 1 is complete.



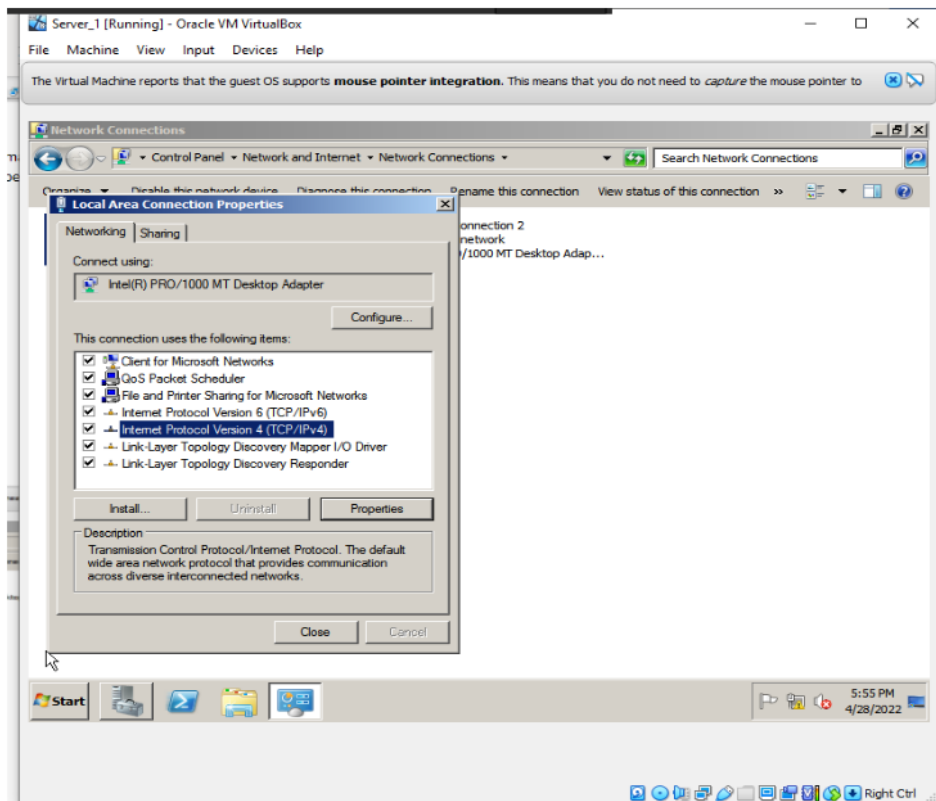
The installation for the server is finish too.



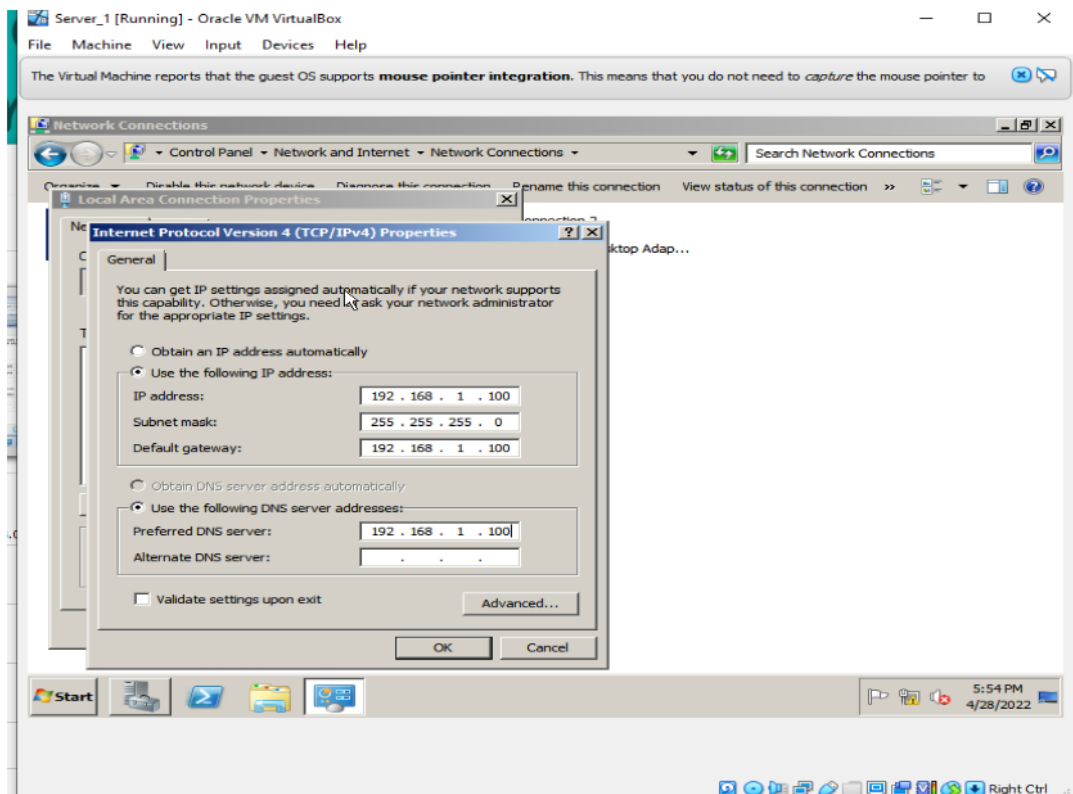
To resume this, the author sets up two virtual machines (VMs) and installed server 2008 on them. Then he sets up more virtual machines (VMs) on the same virtual box and he installed the client PCs.

Now we are going to configure the network of the server.

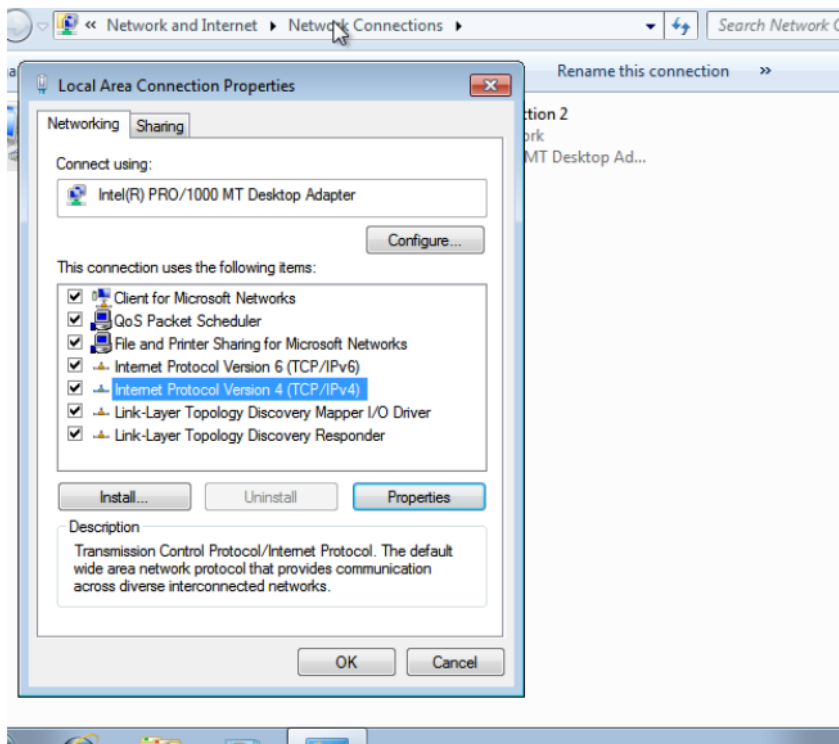
click on start, control panel, network sharing center, manage network connections to configure the networking settings. And local area connection, chose properties TCP/IP version 4 and went to properties.

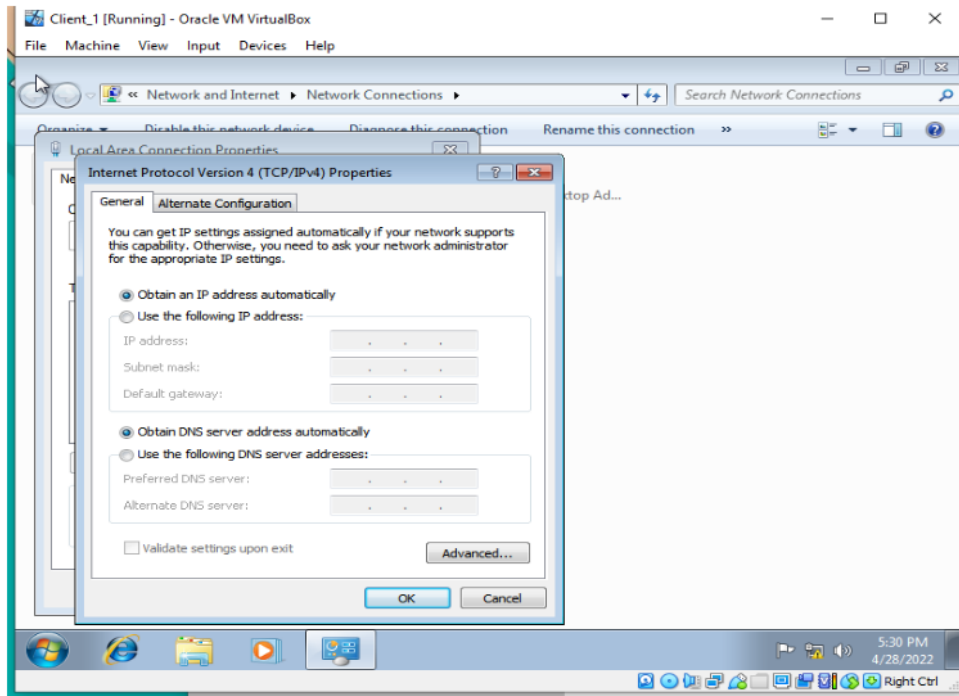


Server 1 IP address allocated



Client 1





Just to summarize for the first lab on the top the internet is not working. So I decide to create this new one server 2019 as a DC and for client windows 10.

First I went to download Windows 10 ISO and a Server 2019 ISO

Next, I create A virtual machine for my Domain Controller, which will house Active Directory.

And I gave it Virtual Machine 2 Network adapters, one to connect to my home network and one to connect to the private/virtual lab network

I went to install Server 2019 on this virtual machine,

And then assign IP addressing to both the network adapters. The one connected to home vs the one connected to the internal network.

Next, I went to install Active Directory and create my domain,

After that I went to setup NAT, so my clients can get to the internet,

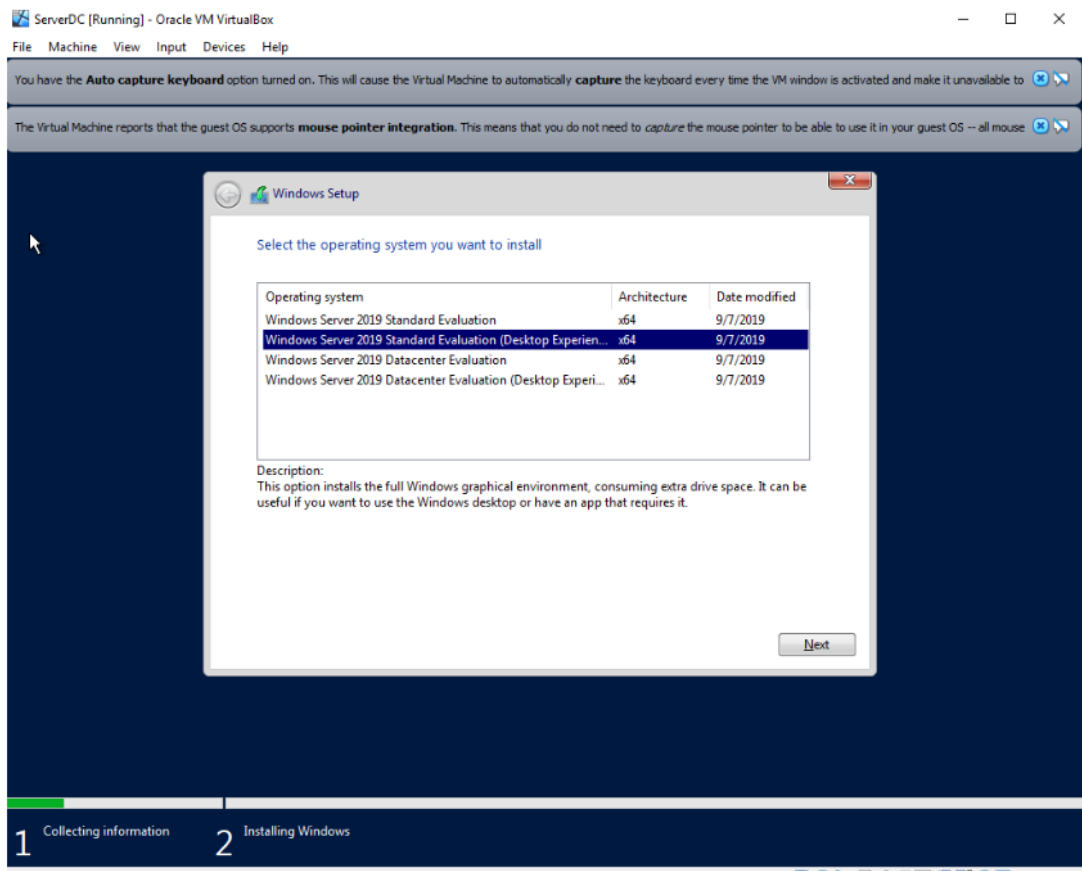
Next, I setup a DHCP server, so when I create my Windows 10 machine, it can automatically get an IP Address.

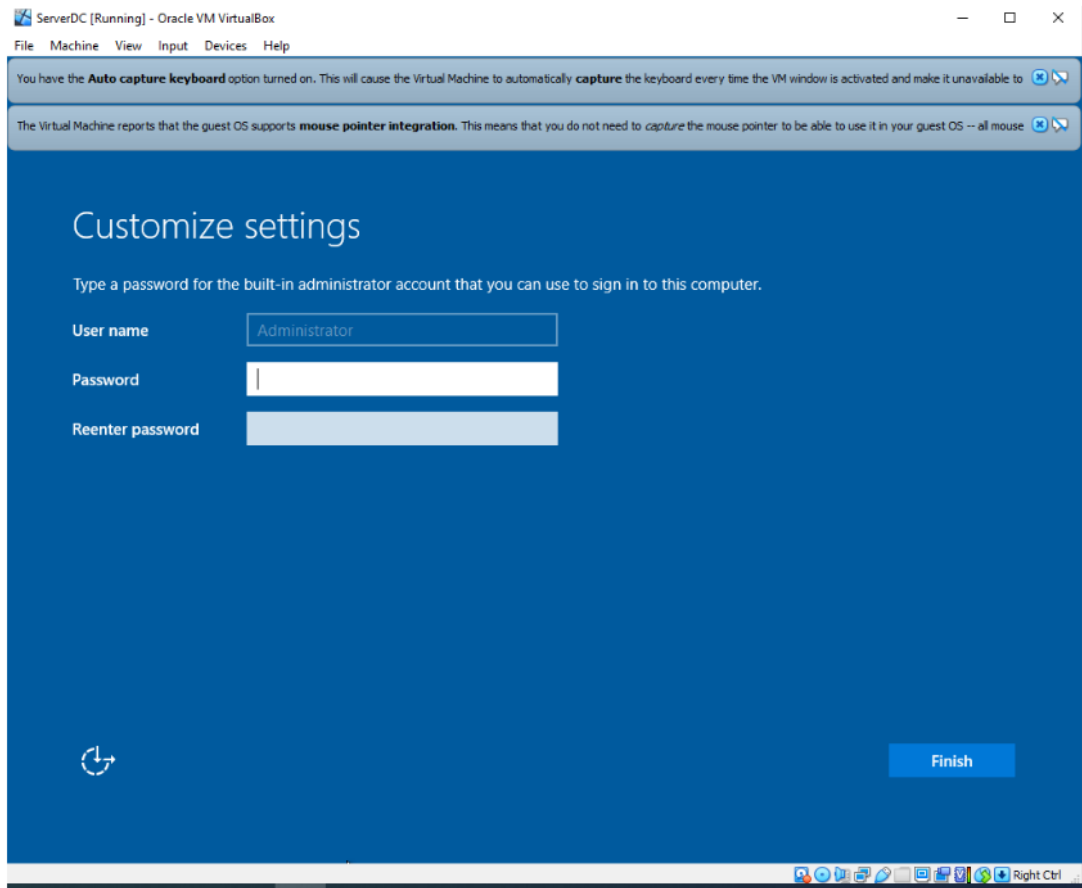
After that, I created another virtual machine with a network adapter that attached to the internal network

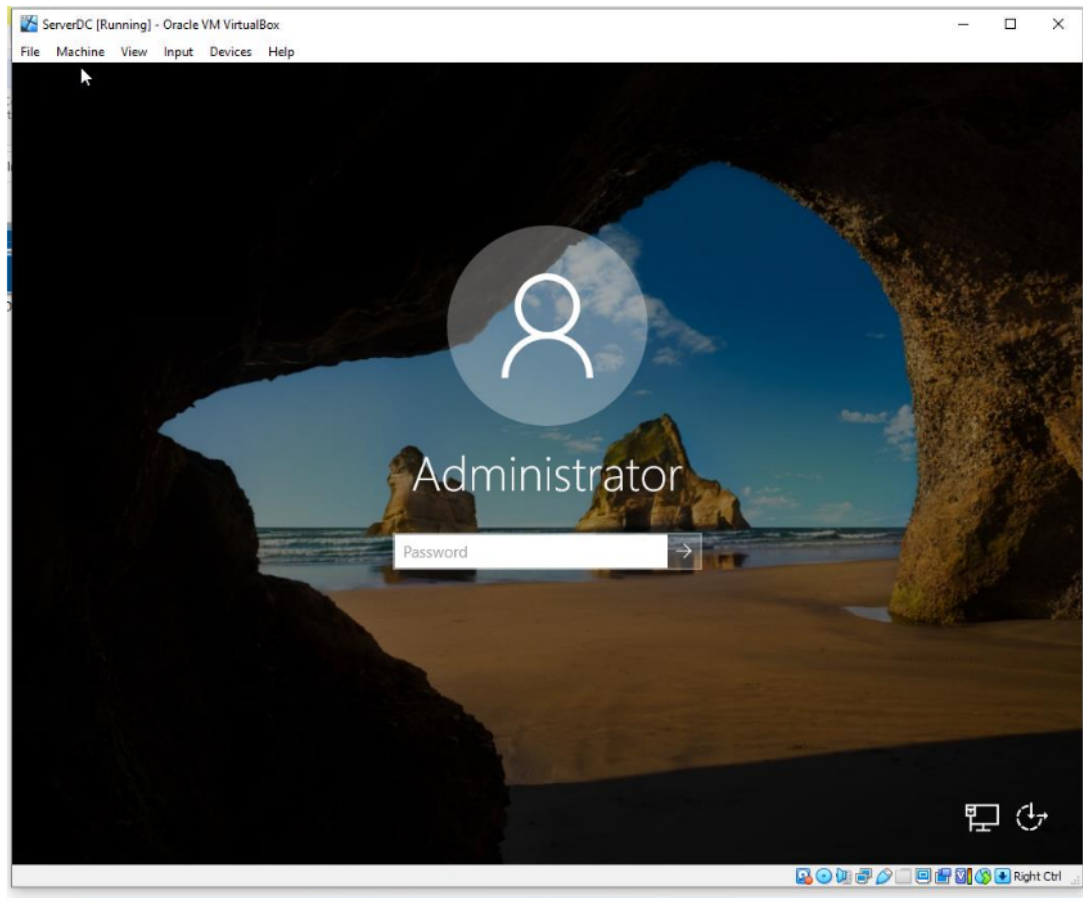
I installed Windows 10 on that VM and then ensure it automatically gets a proper IP address from the DHCP server.

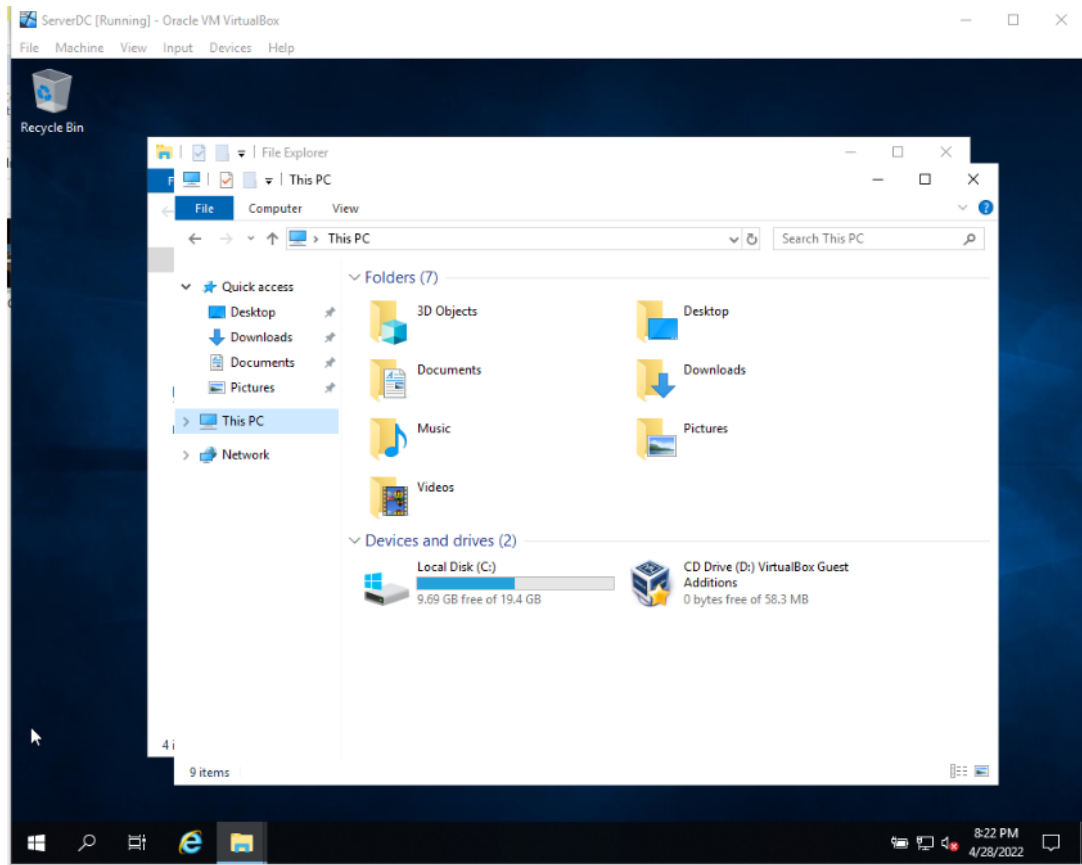
Next, I went to join the domain with this computer, so that I can log into it with one of the accounts I created. I will attach screenshots of the process down here.

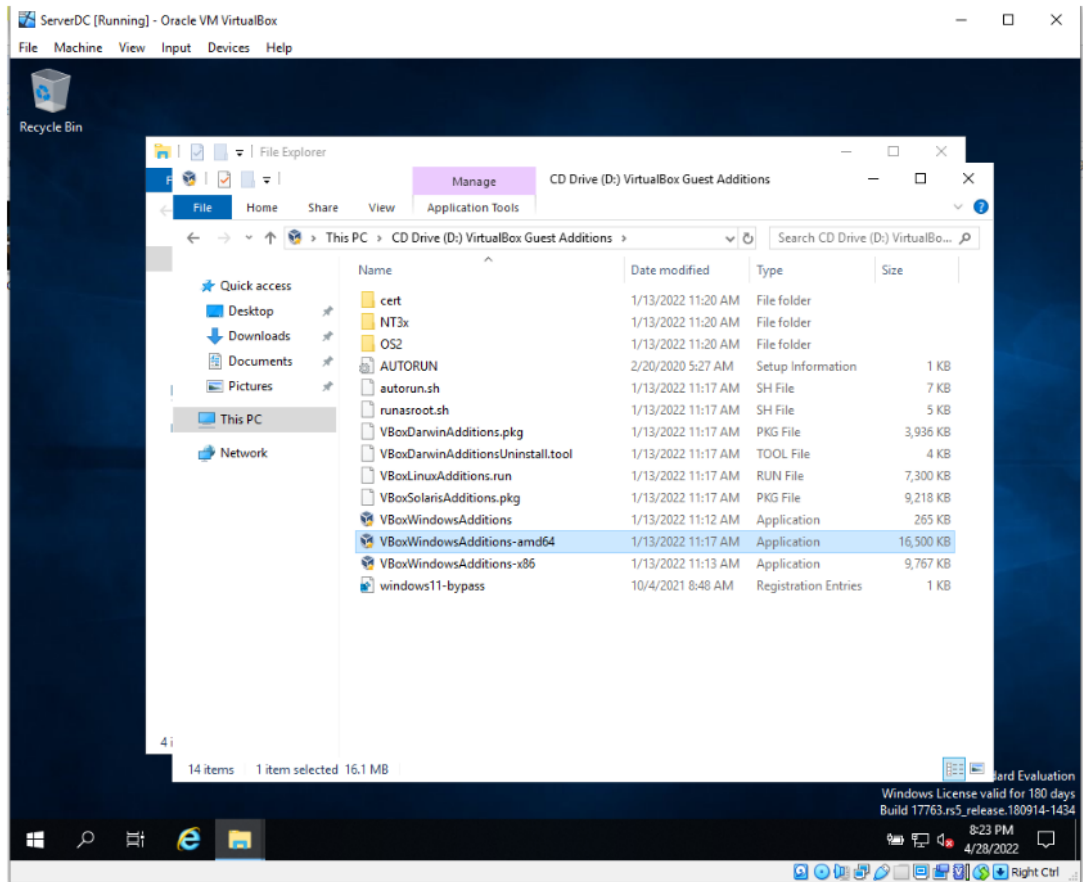
See below screenshots of the server

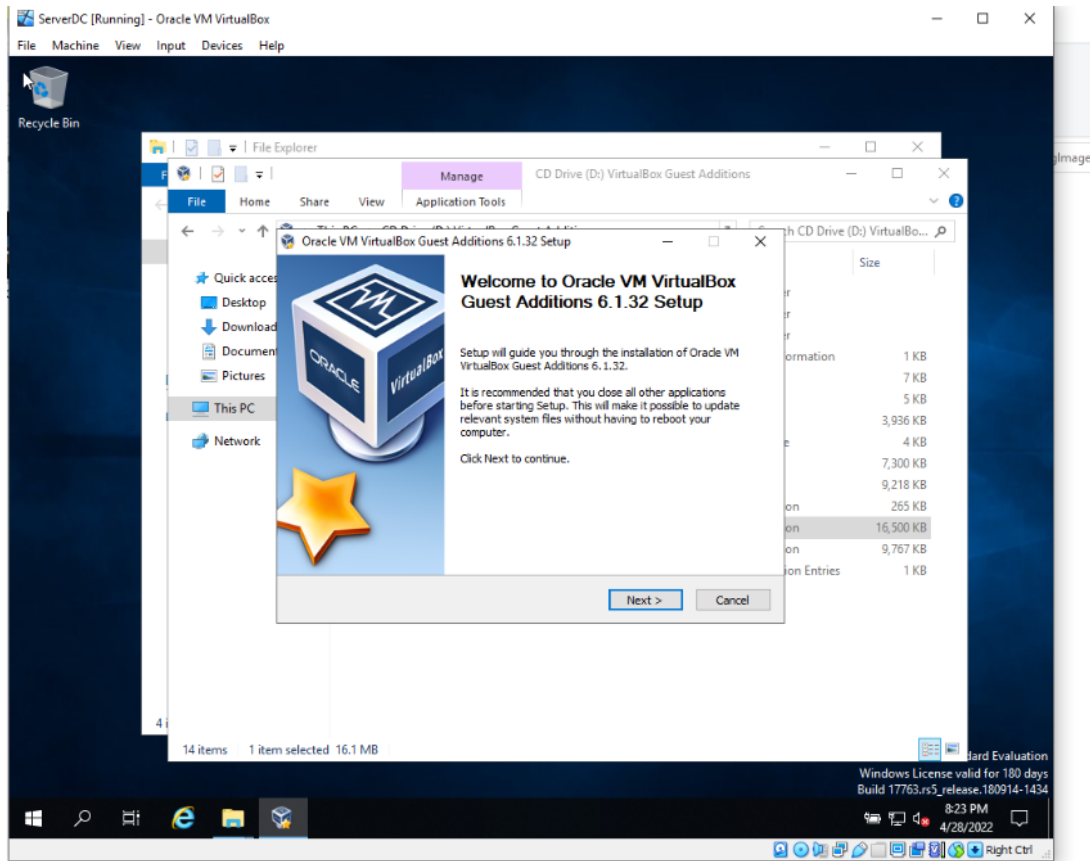


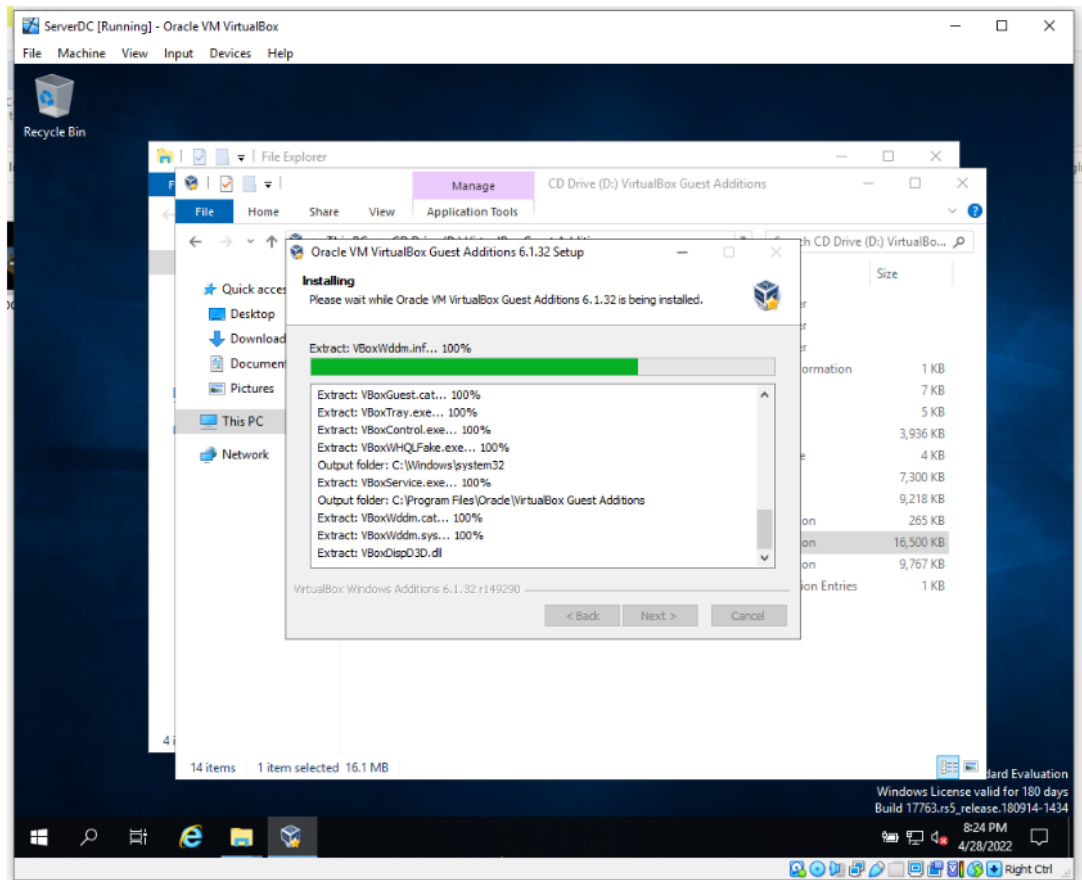


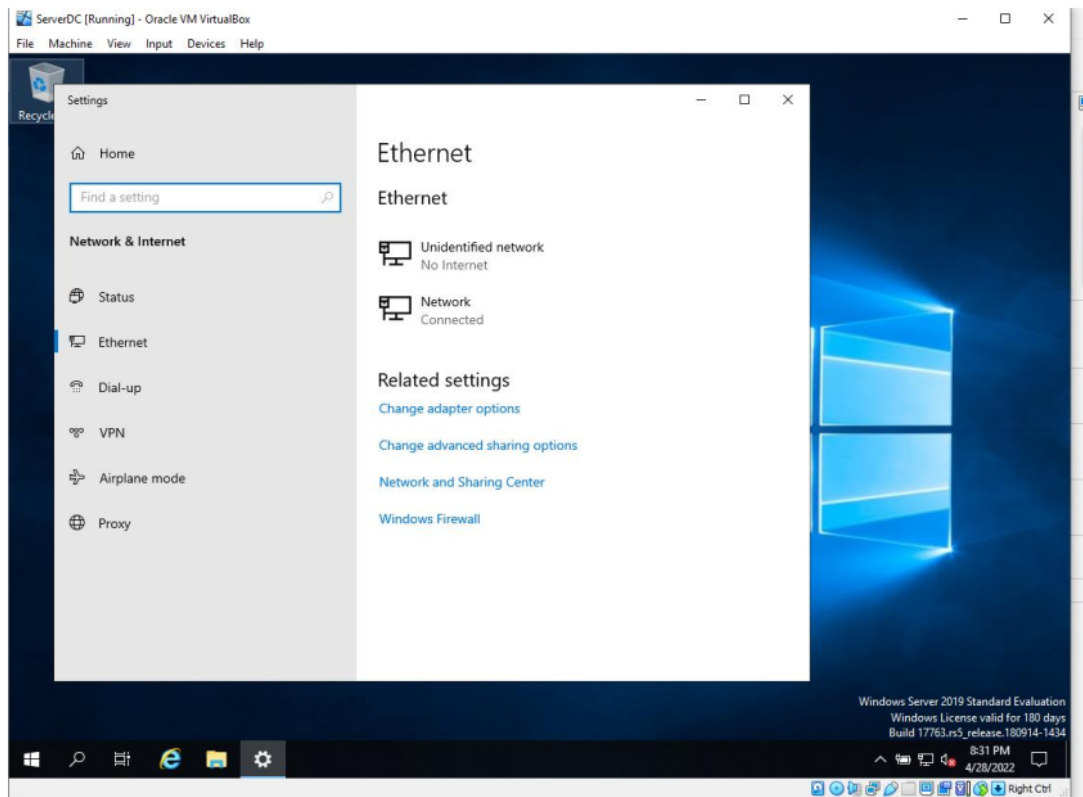


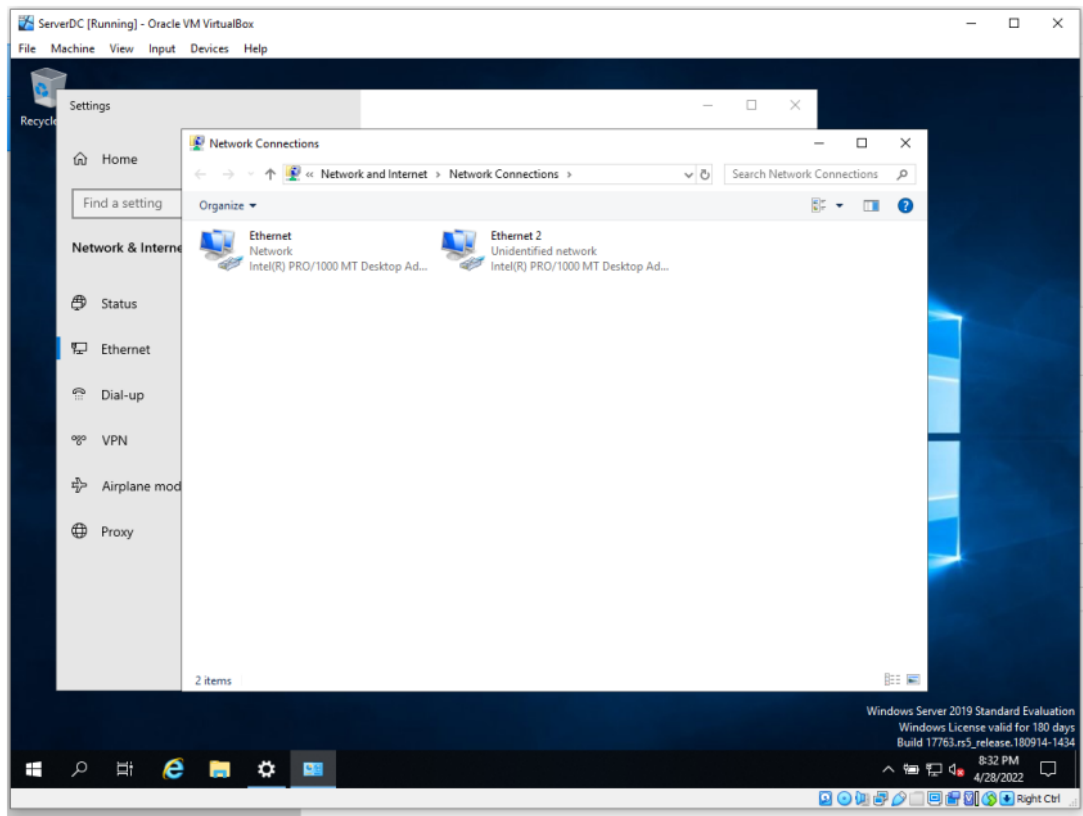


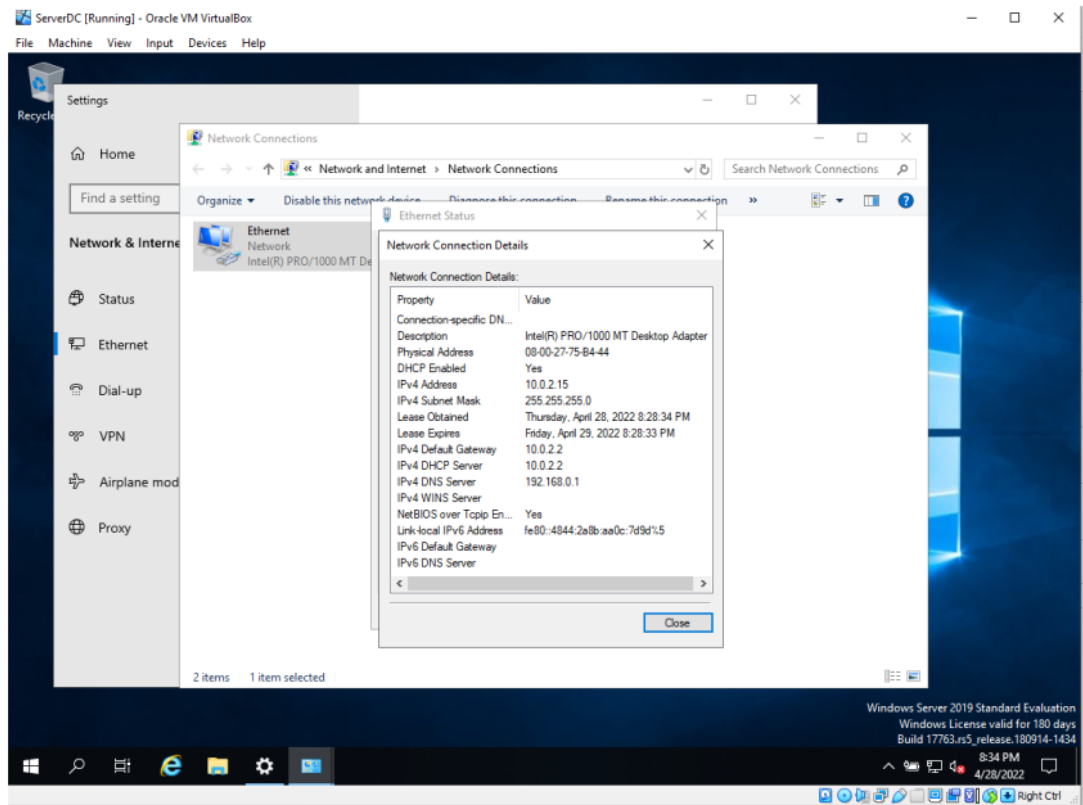


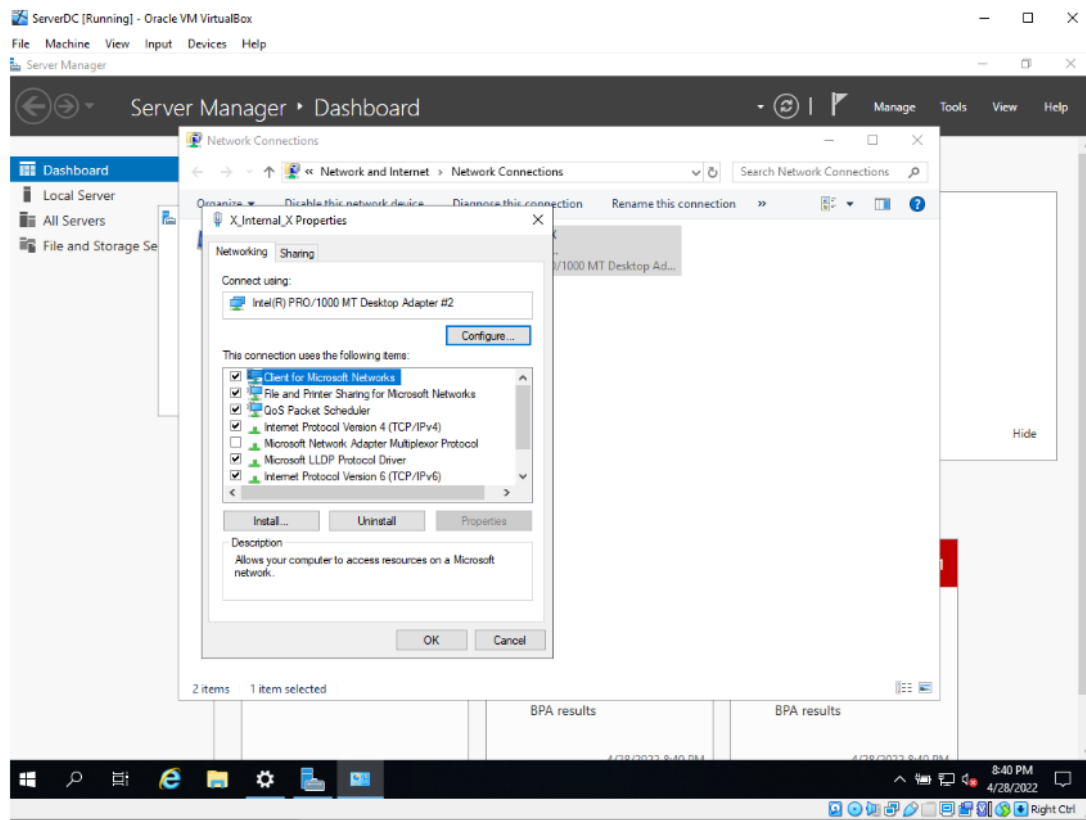


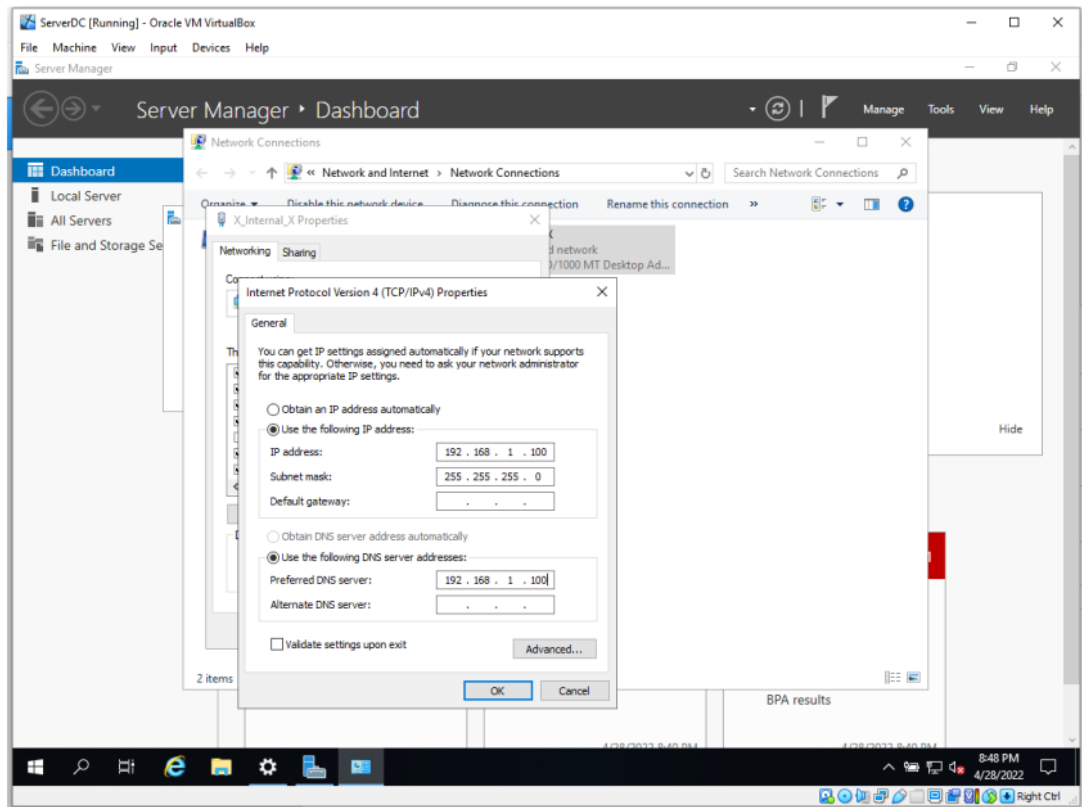




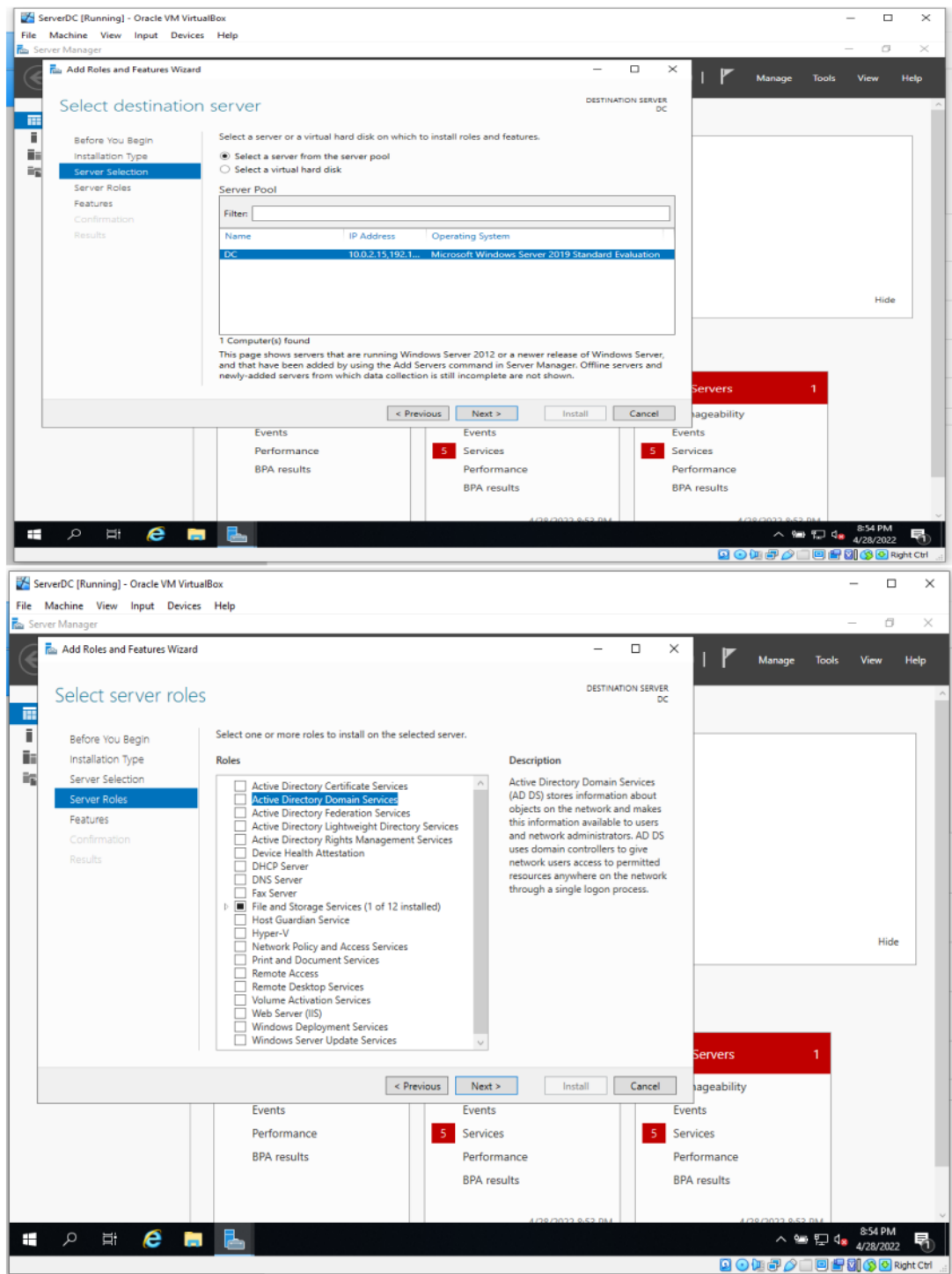


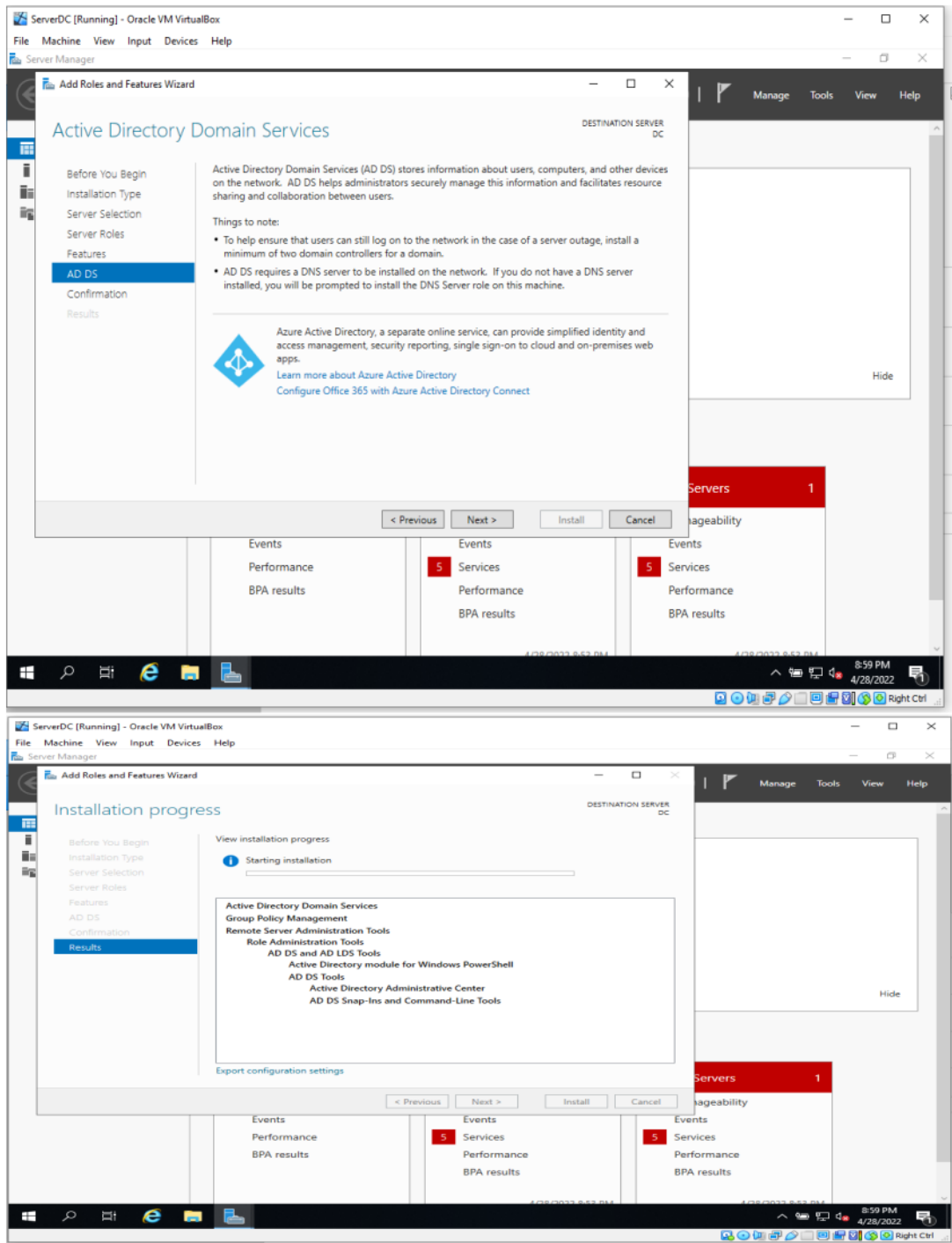


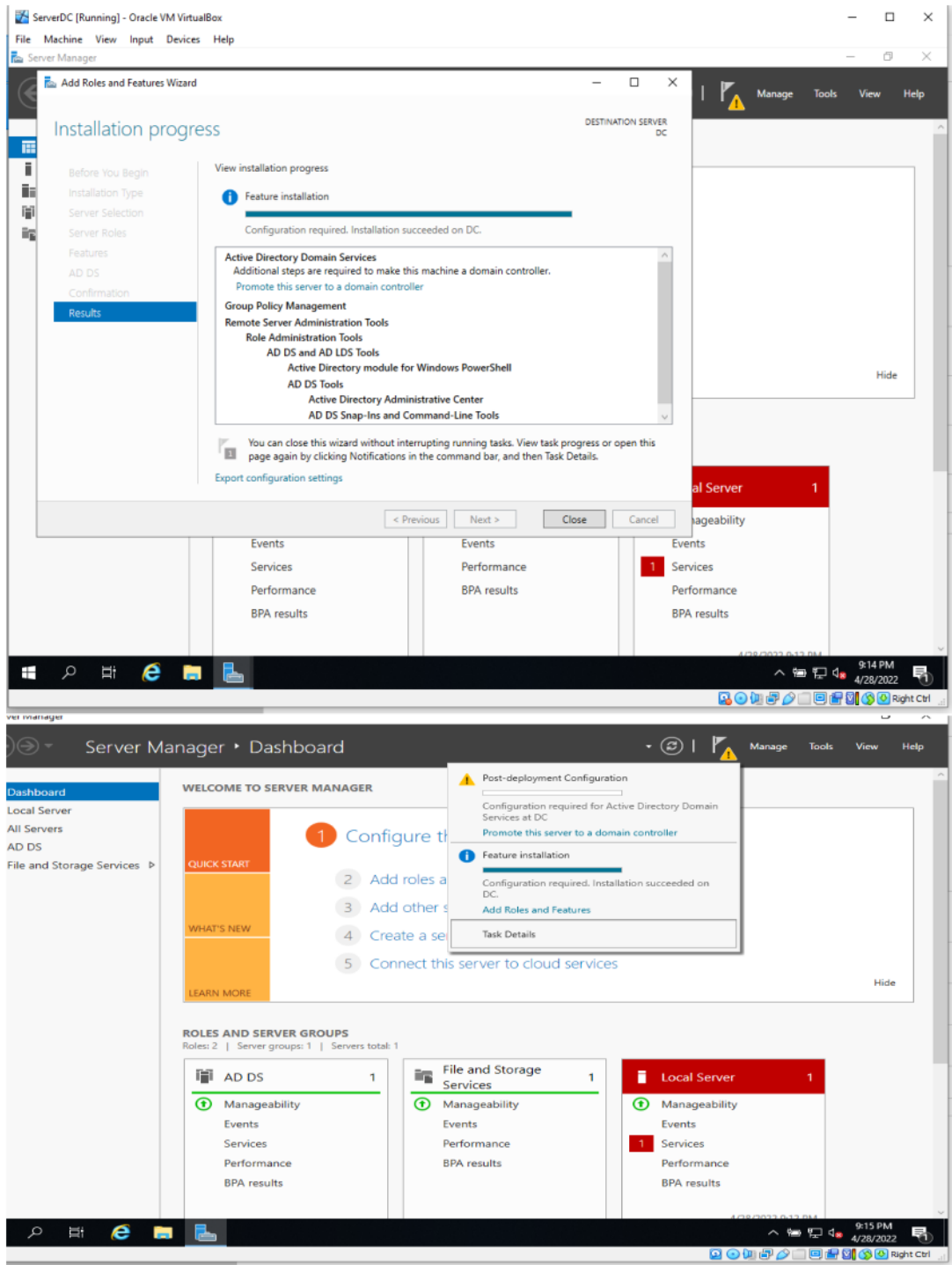


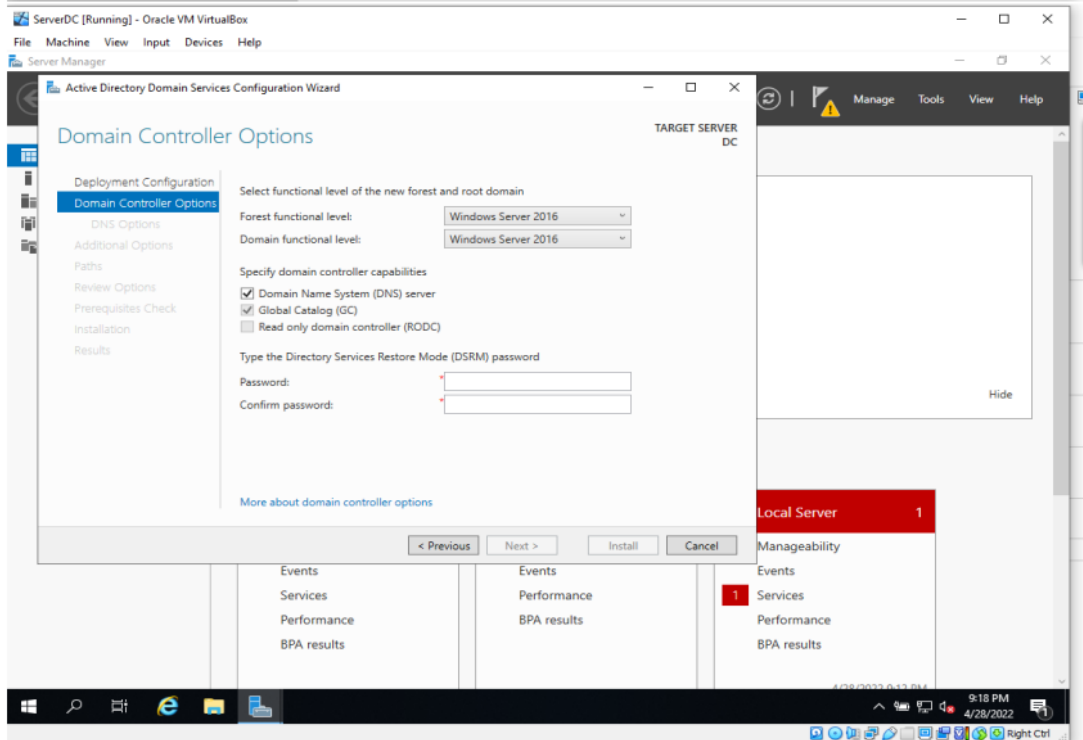
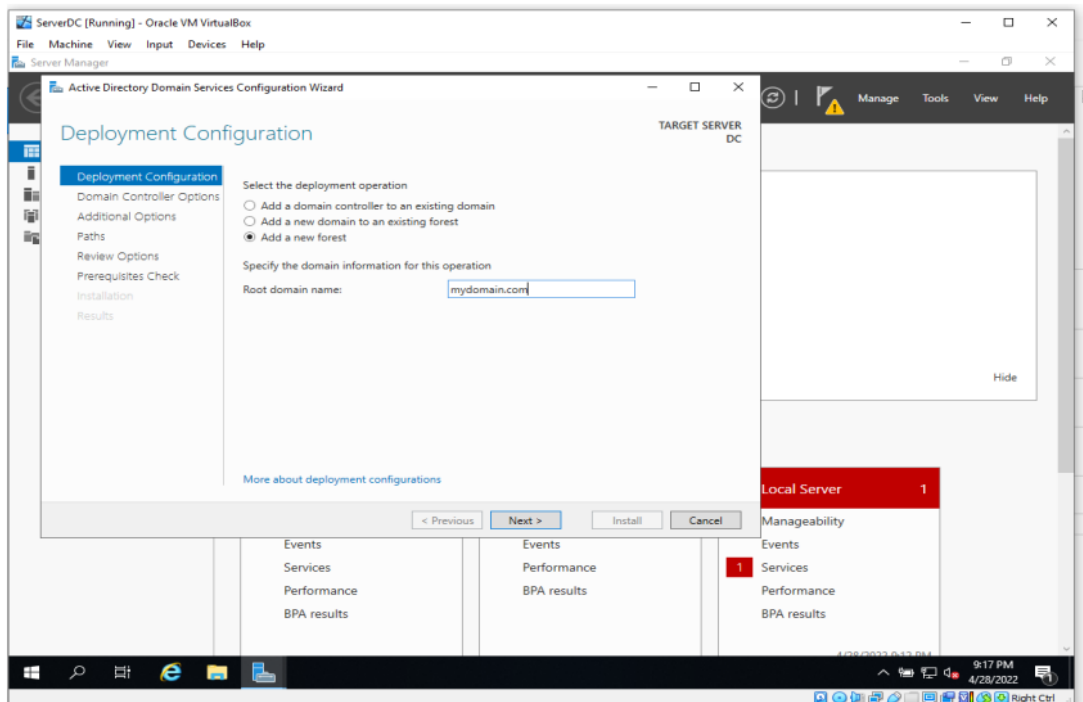


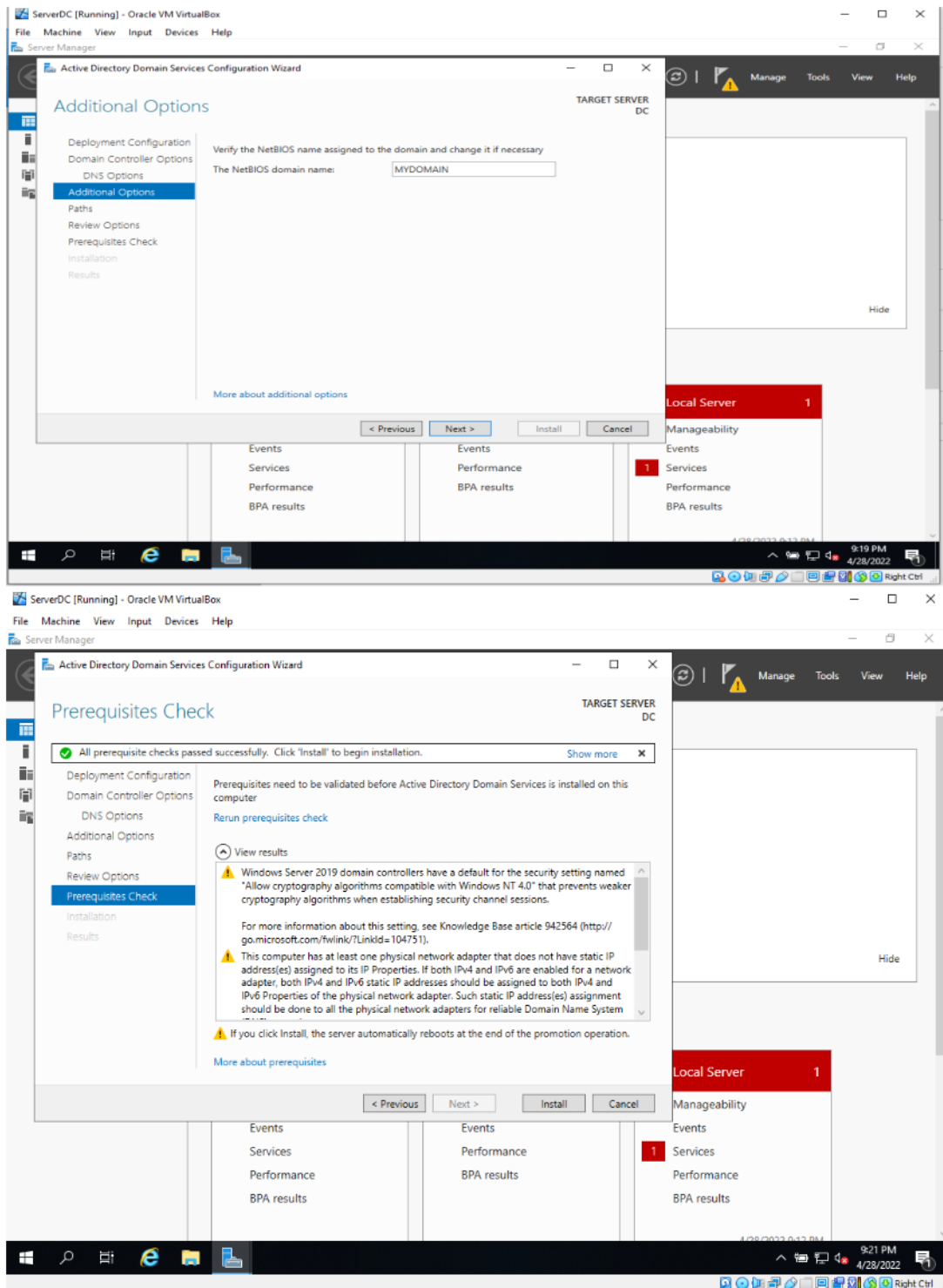
Screenshots of the Domain

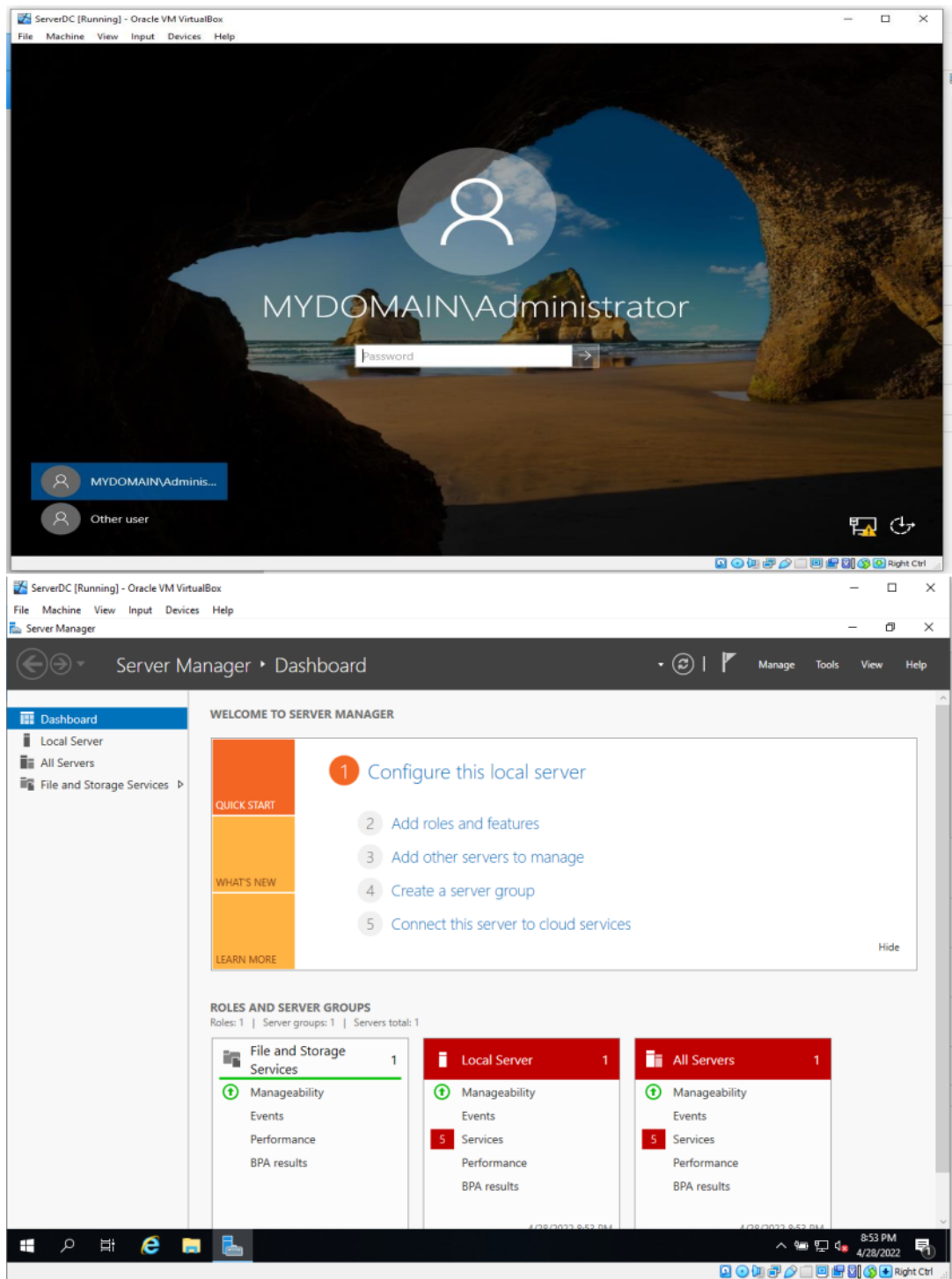




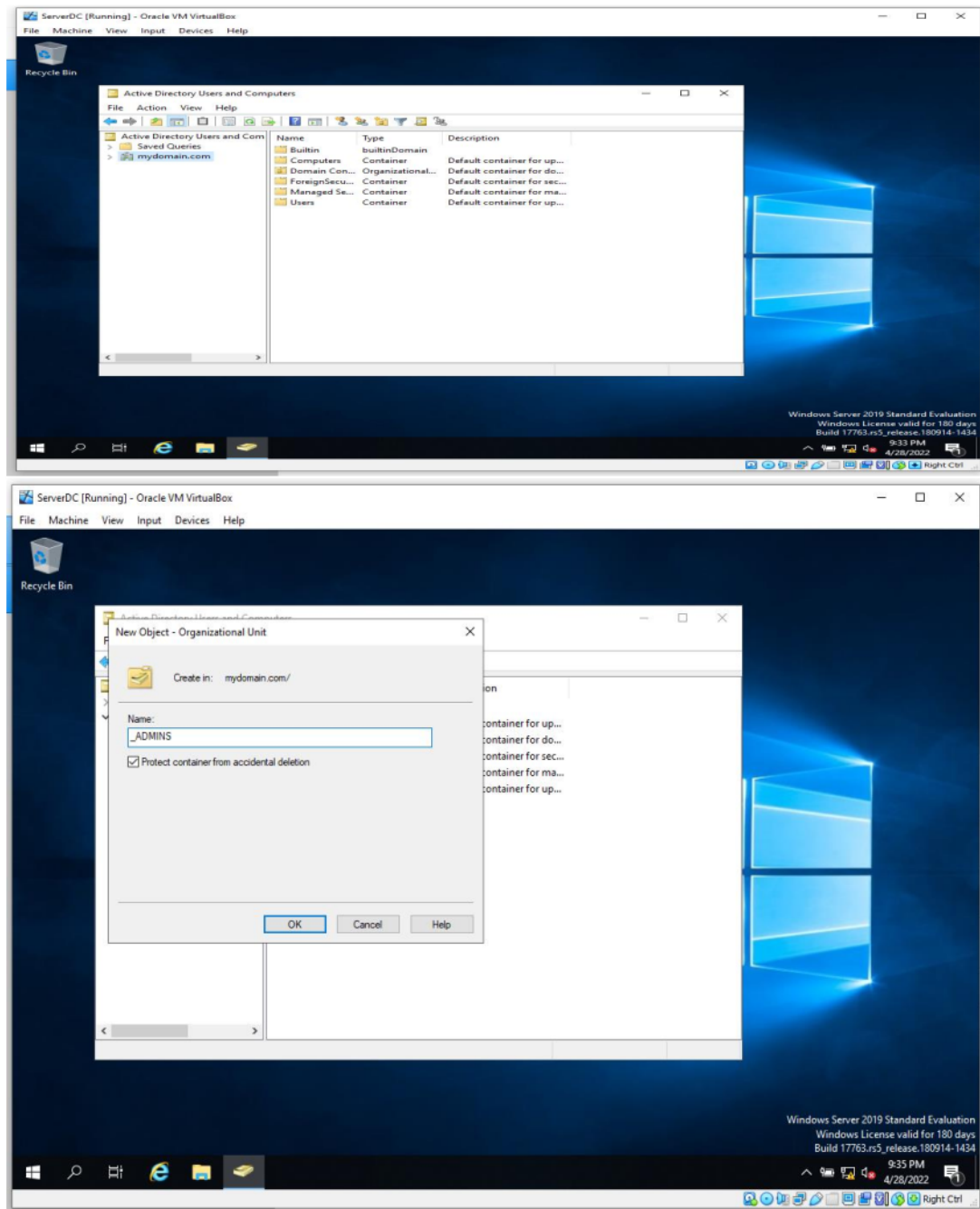


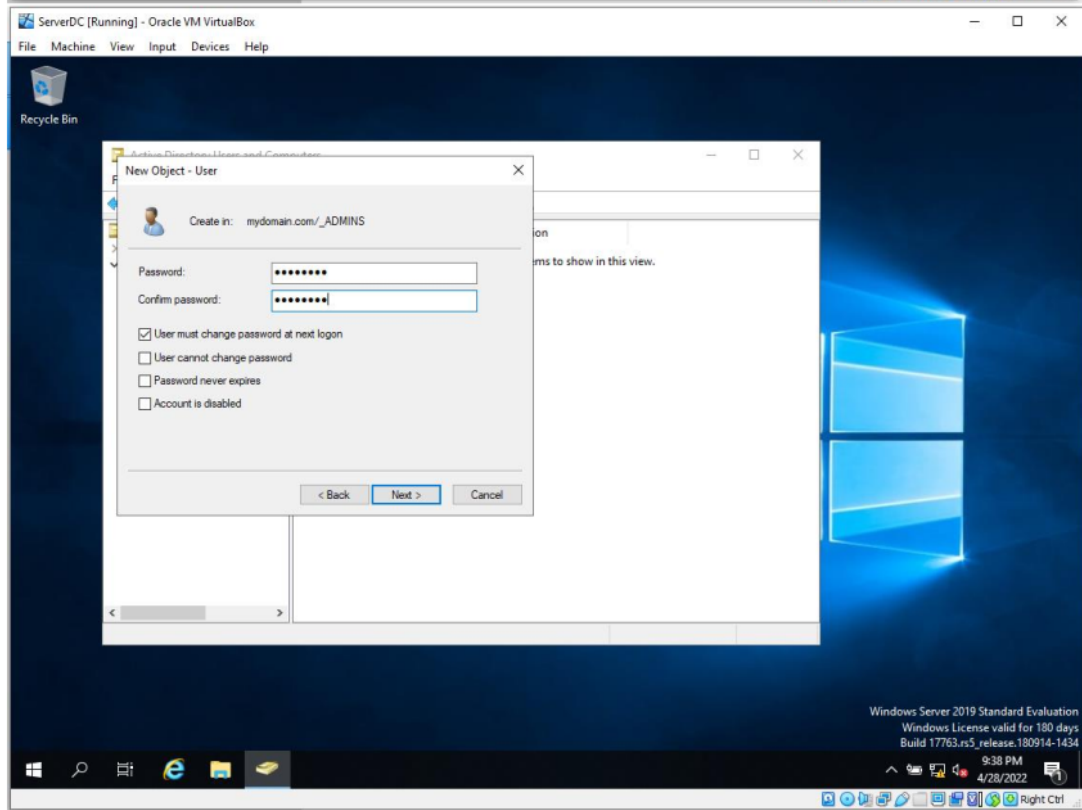
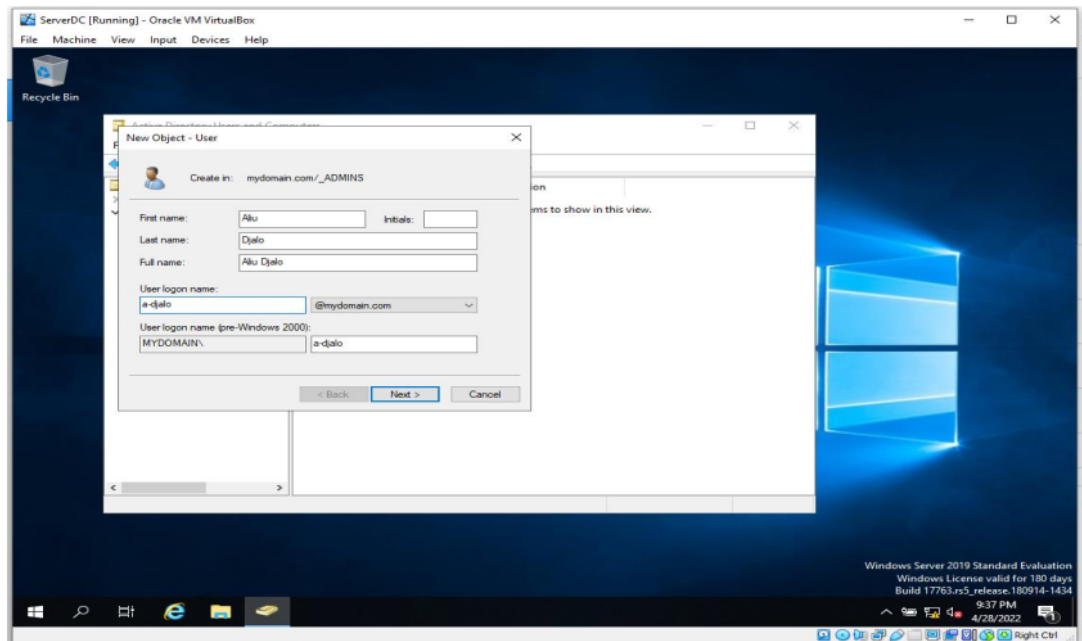


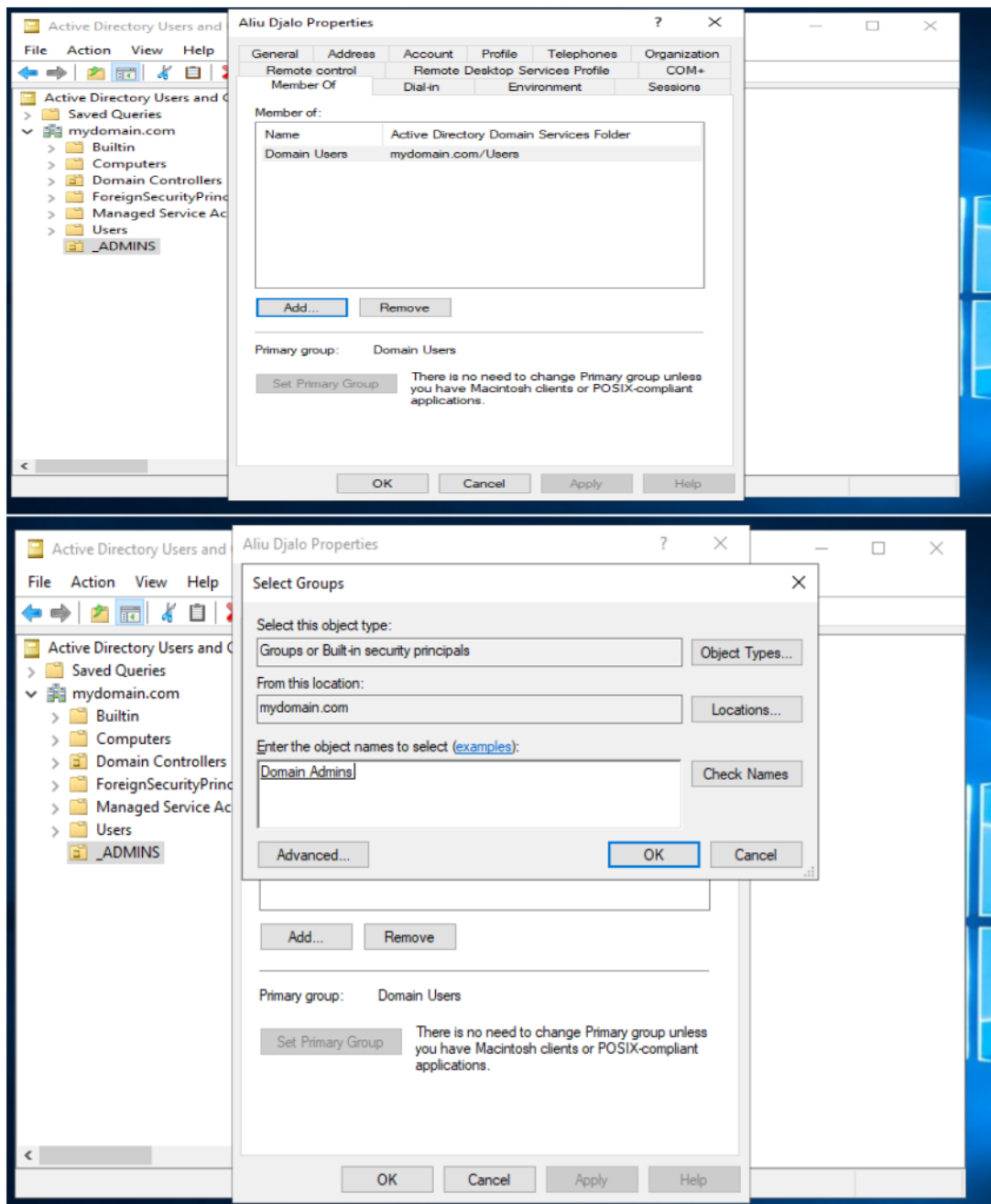


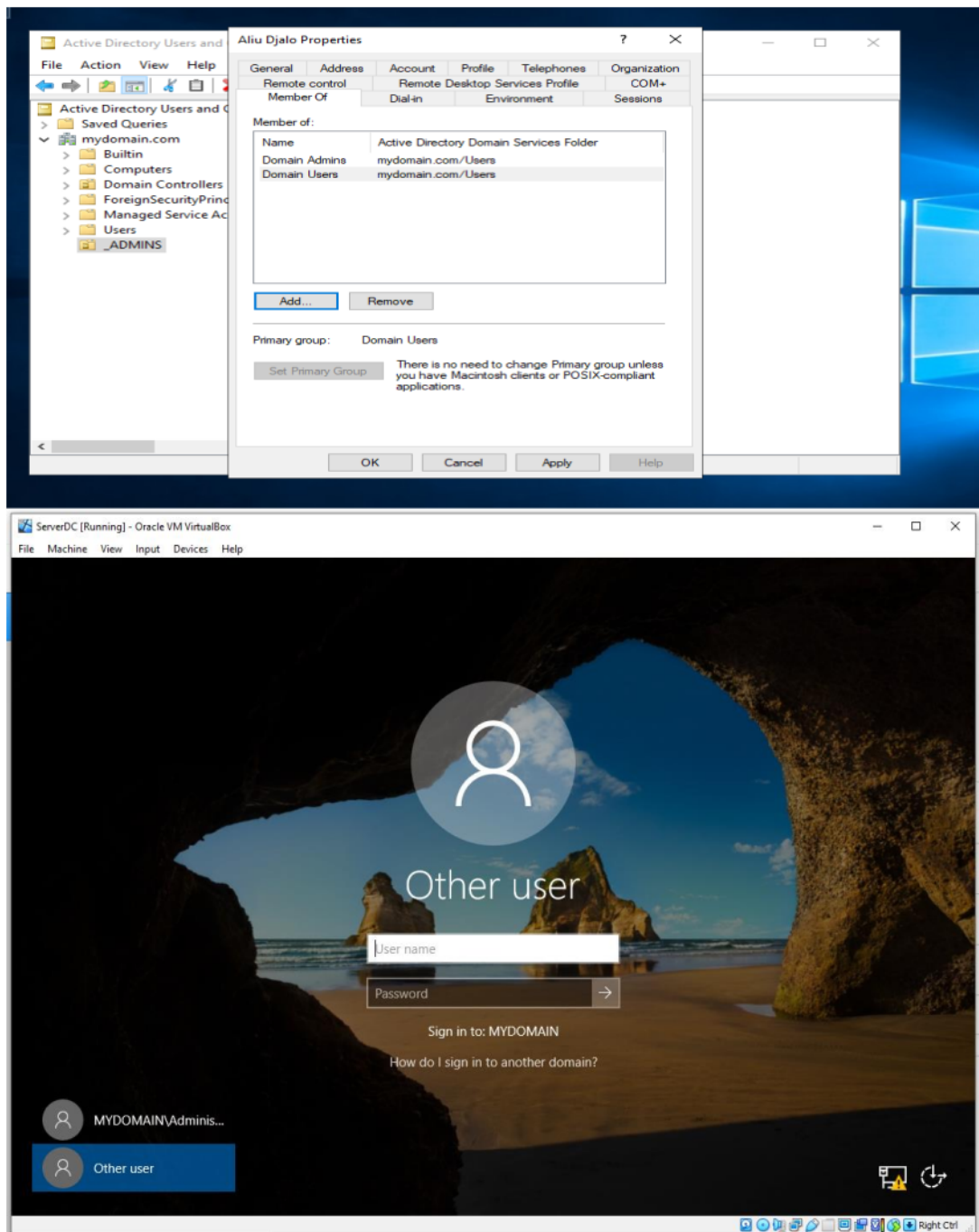


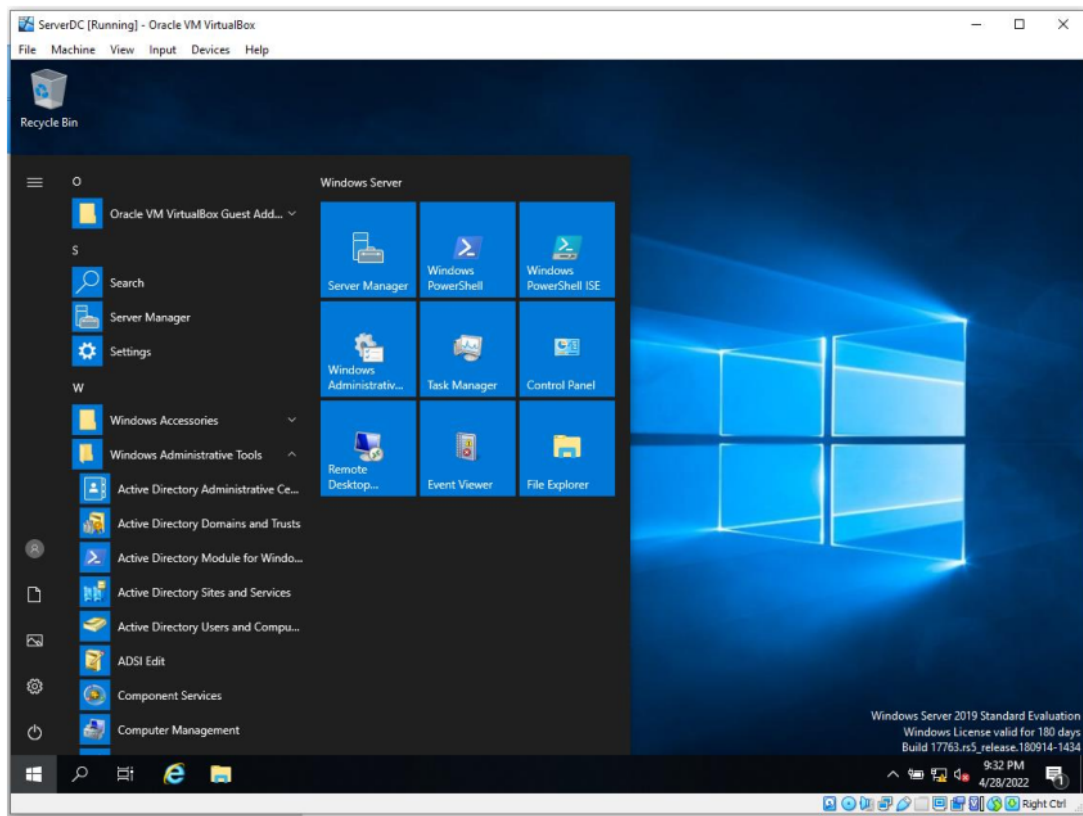
Dedicated domain account see below the process



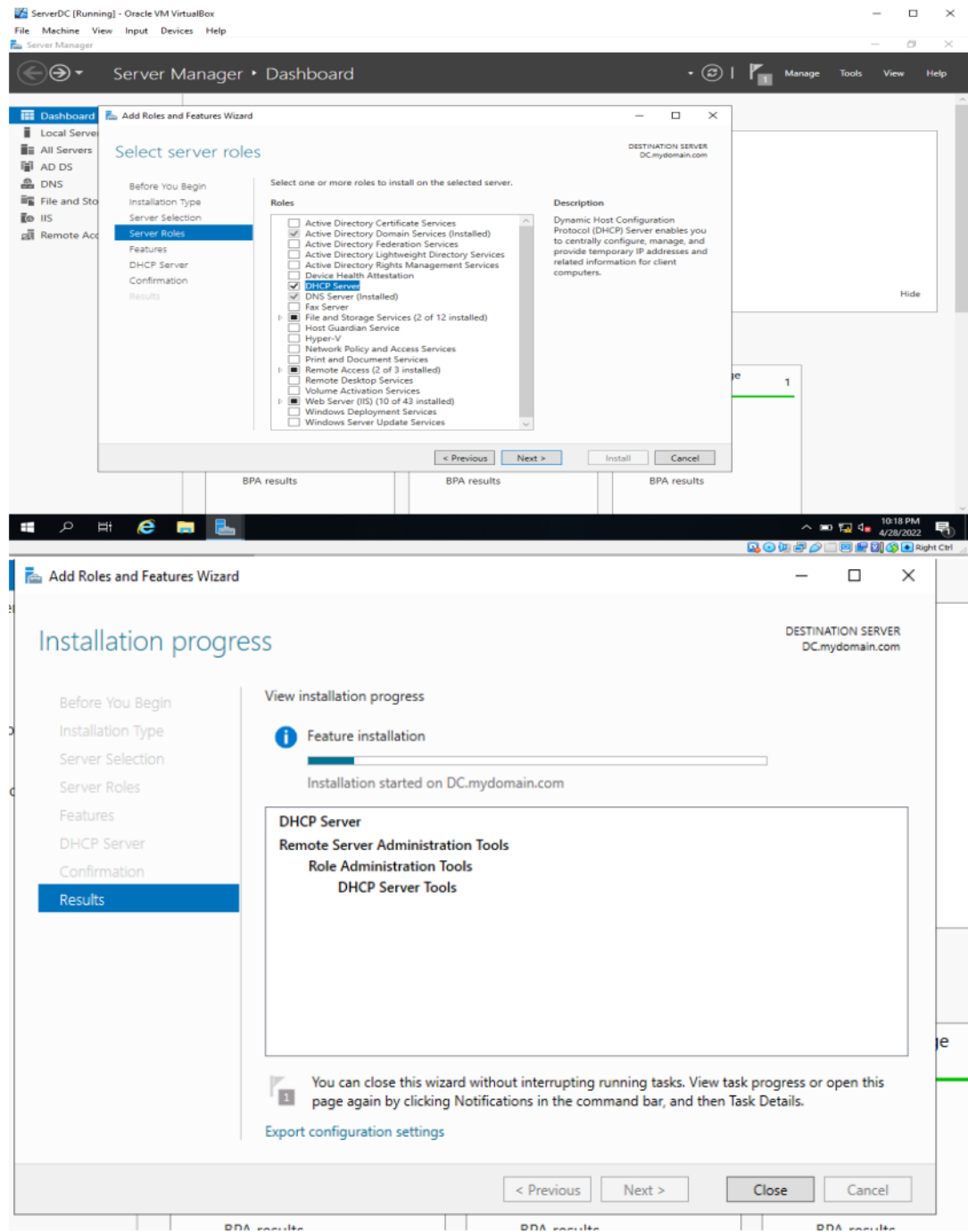


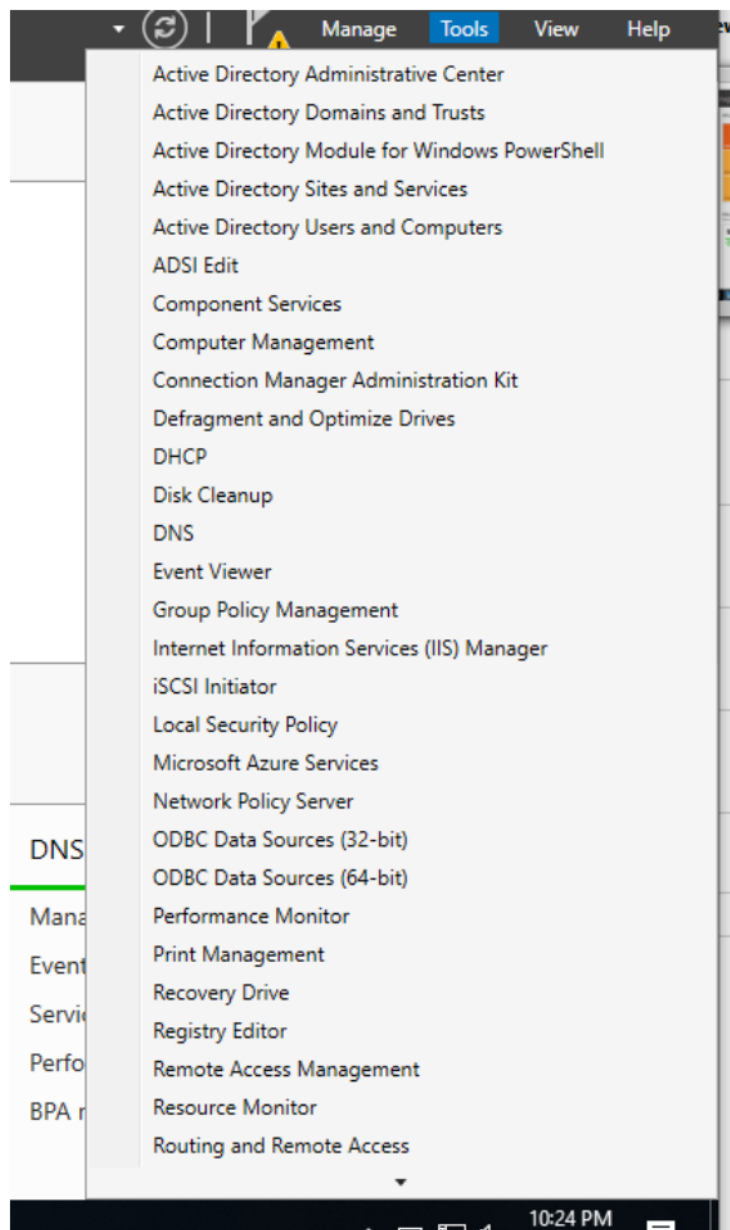


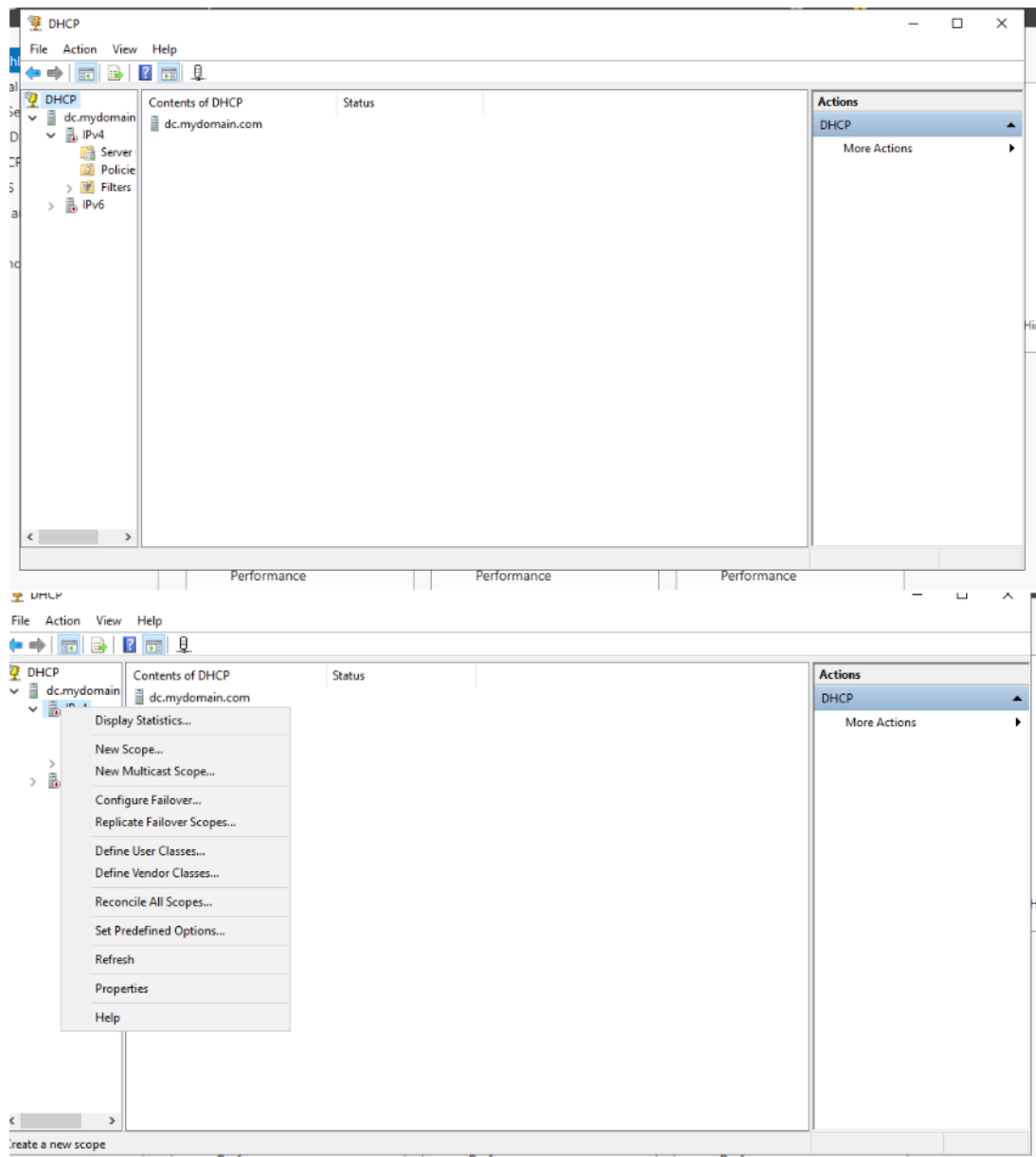


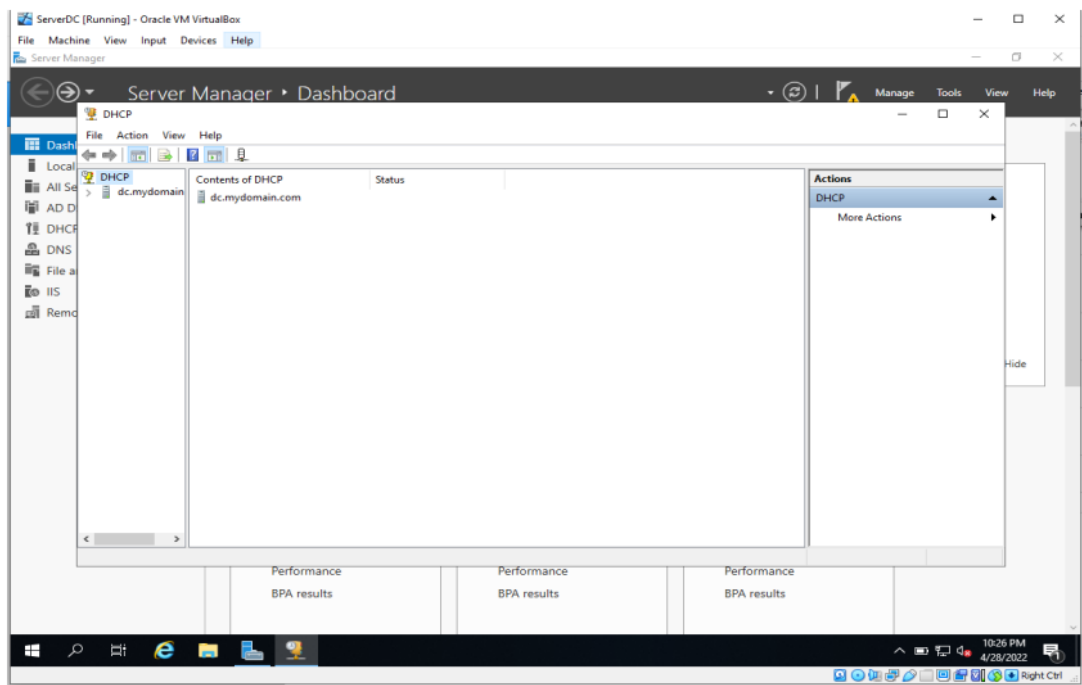


DHCP









New Scope Wizard

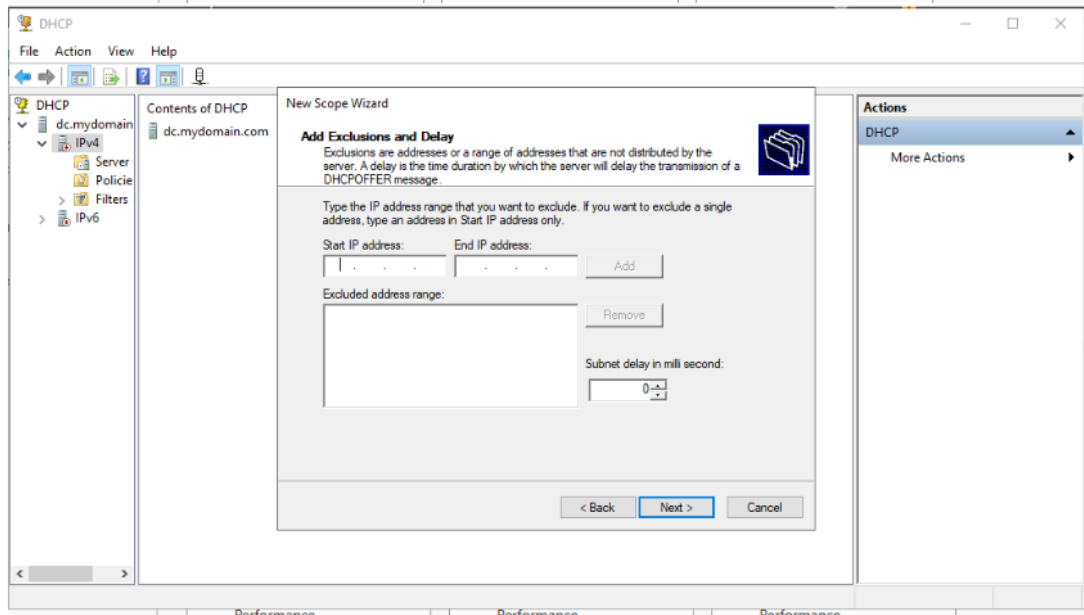
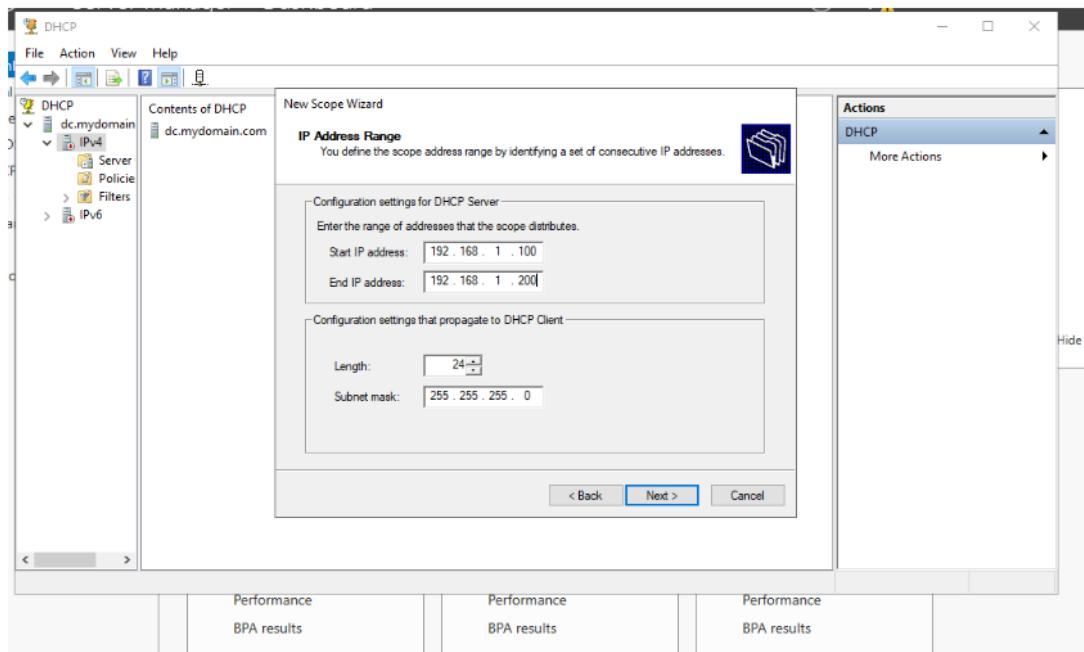
Scope Name
You have to provide an identifying scope name. You also have the option of providing a description.

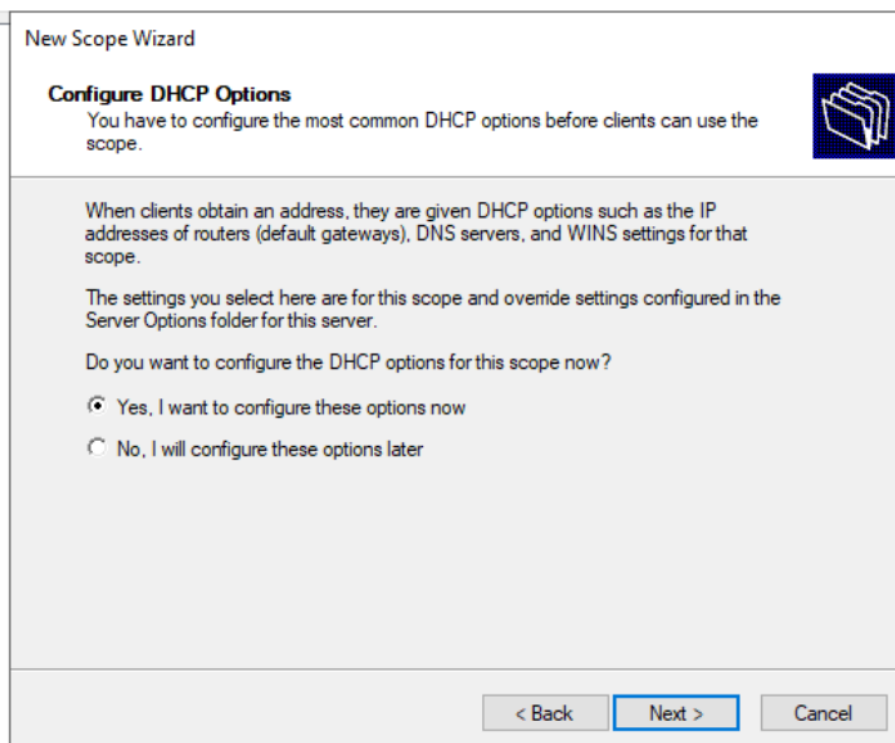
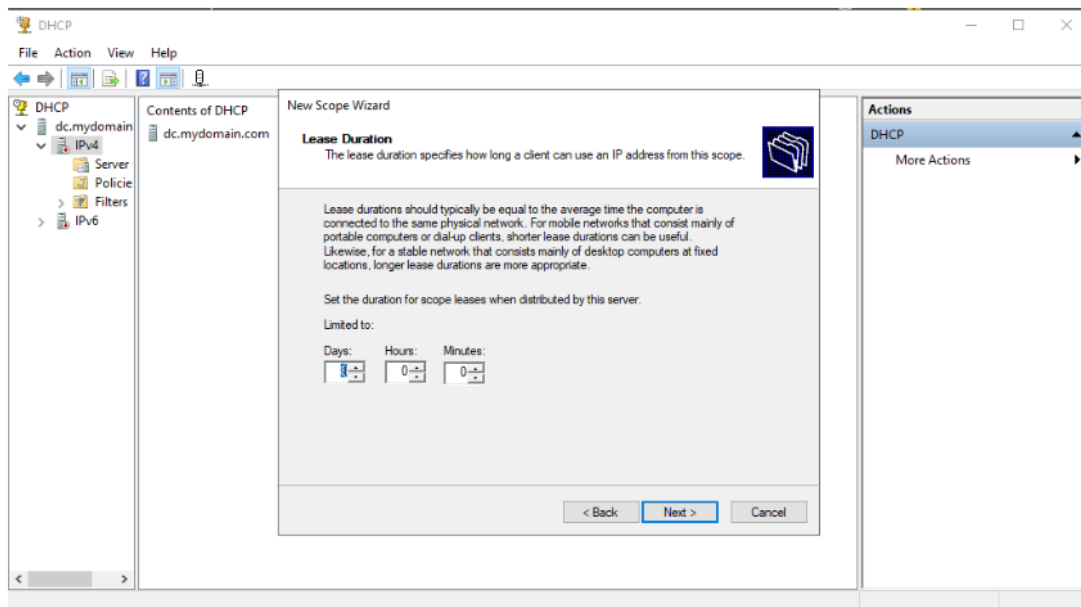
Type a name and description for this scope. This information helps you quickly identify how the scope is to be used on your network.

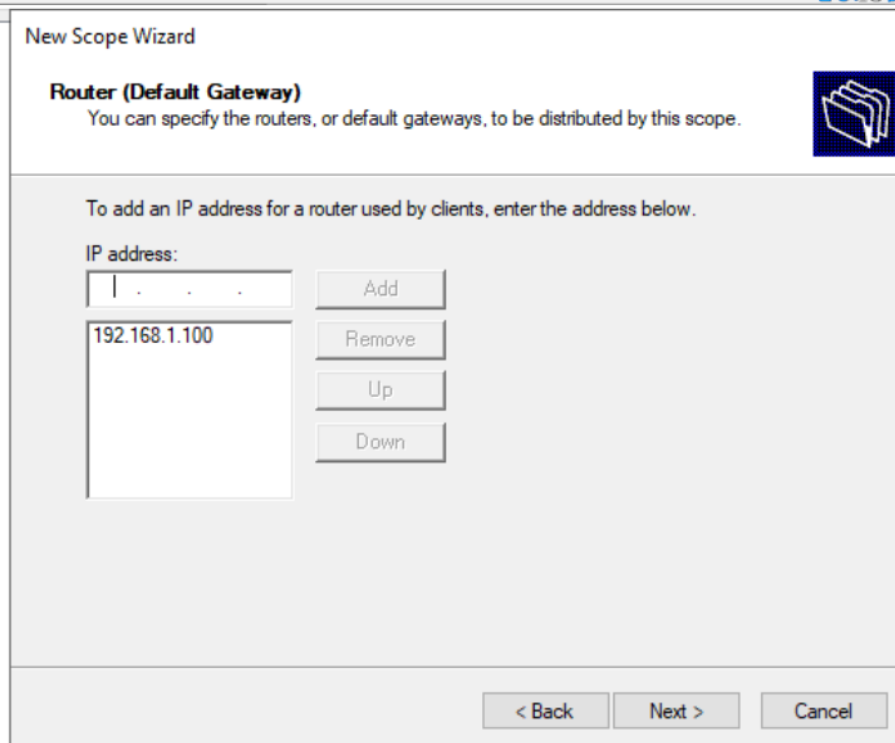
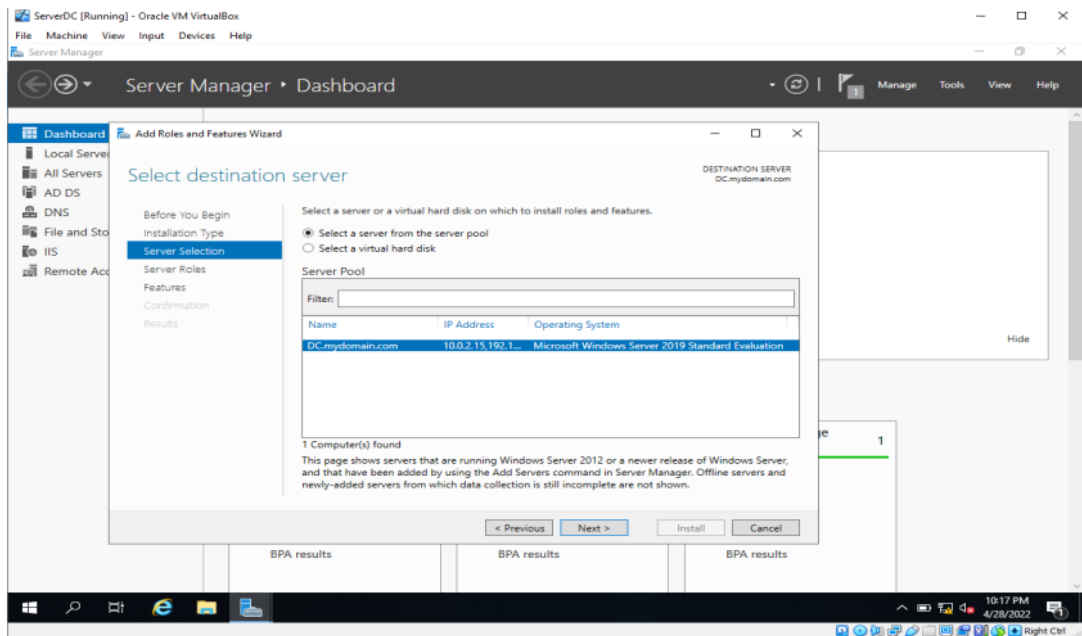
Name:

Description:

< Back **Next >** Cancel







New Scope Wizard

Domain Name and DNS Servers
The Domain Name System (DNS) maps and translates domain names used by clients on your network.

You can specify the parent domain you want the client computers on your network to use for DNS name resolution.

Parent domain:

To configure scope clients to use DNS servers on your network, enter the IP addresses for those servers.

Server name: IP address:

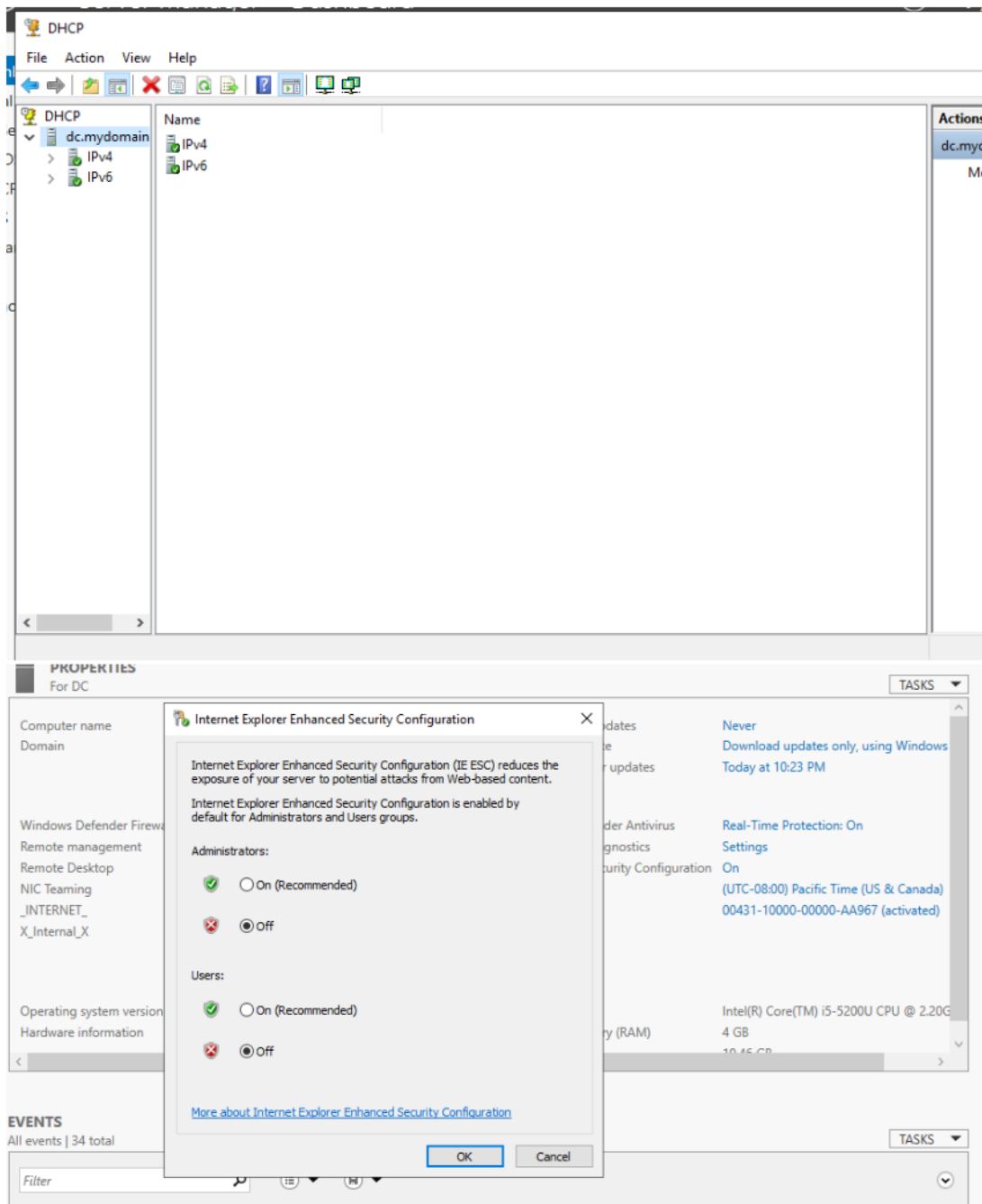
New Scope Wizard

Activate Scope
Clients can obtain address leases only if a scope is activated.

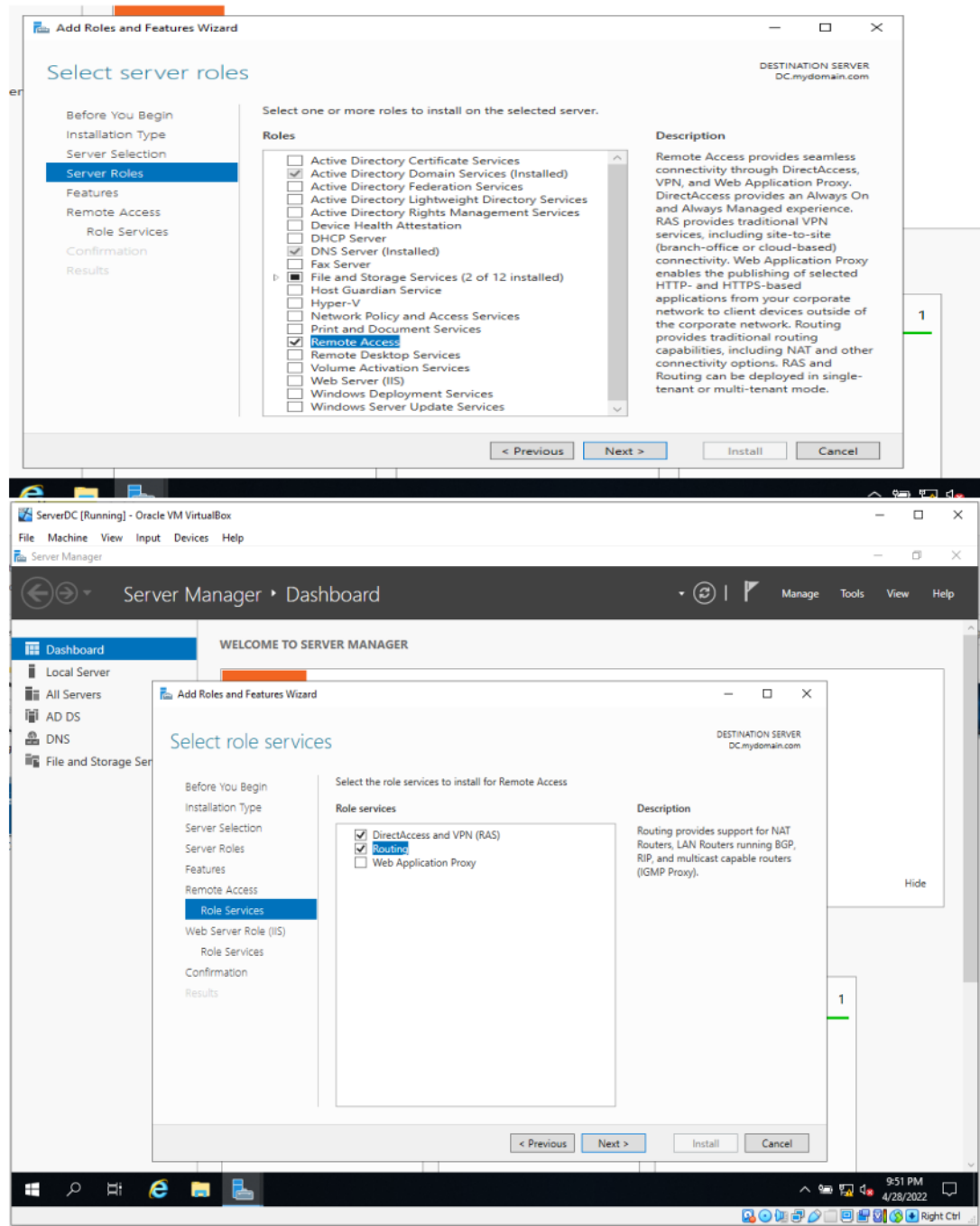
Do you want to activate this scope now?

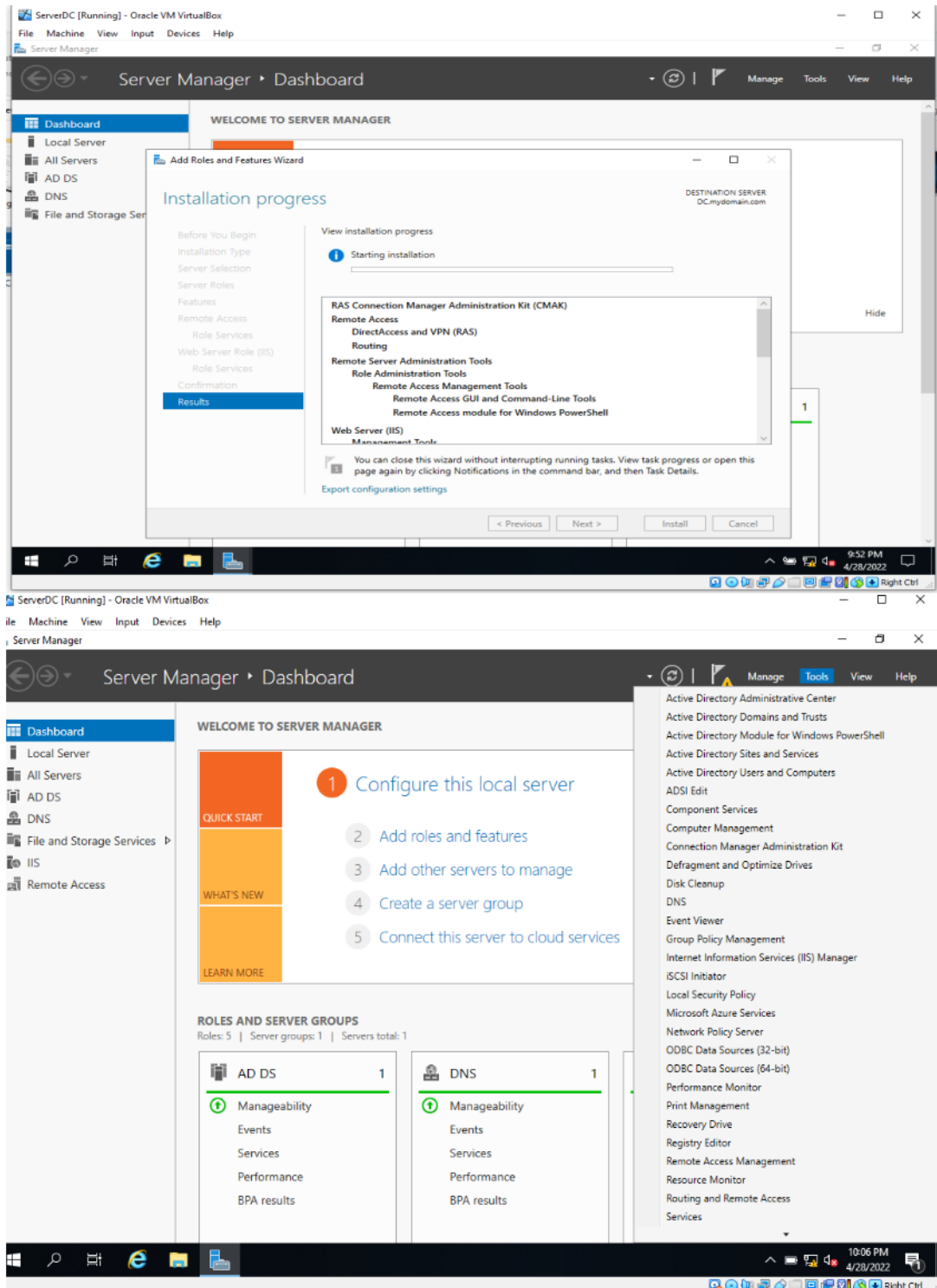
☒ Yes, I want to activate this scope now

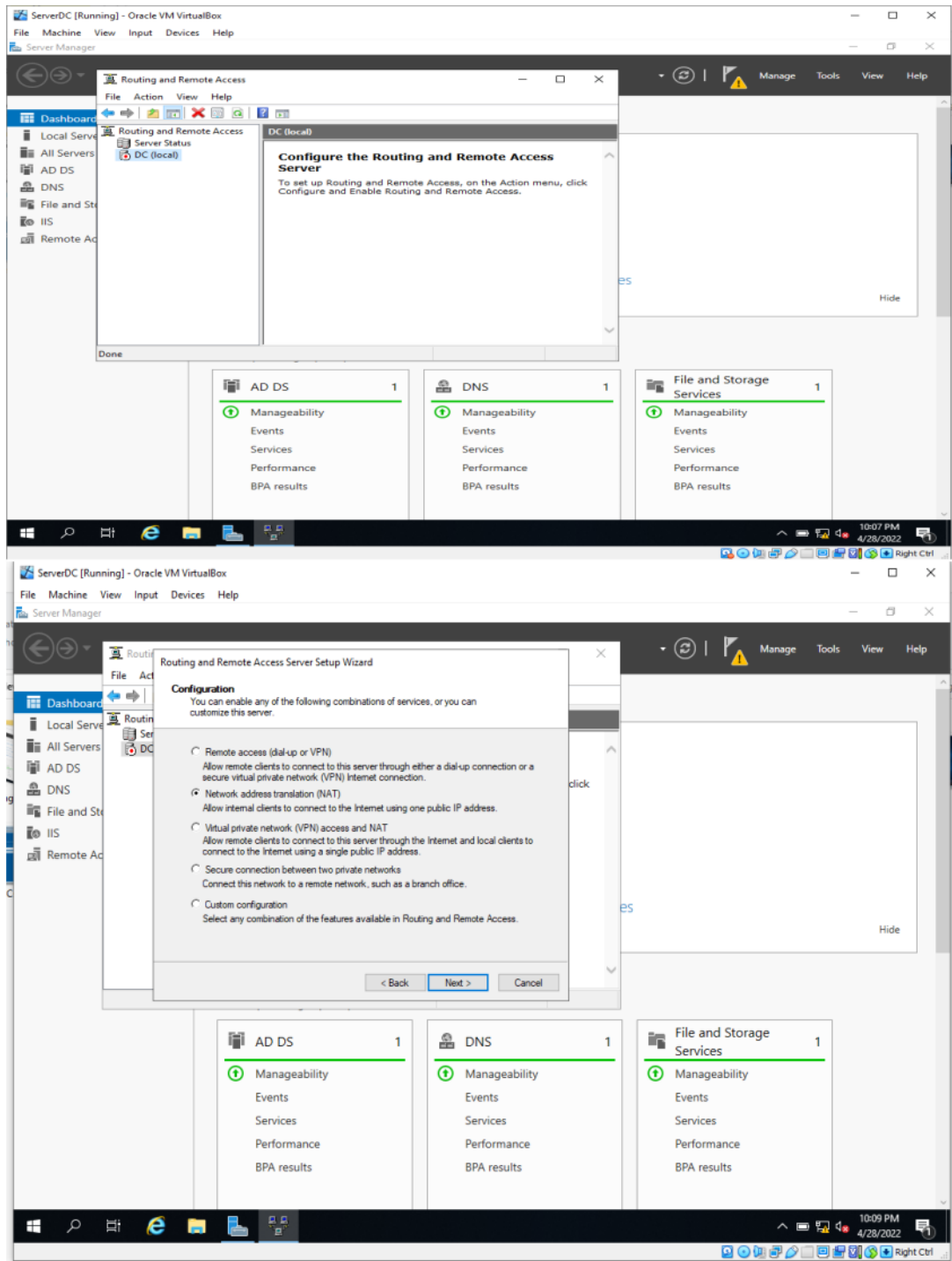
☐ No, I will activate this scope later

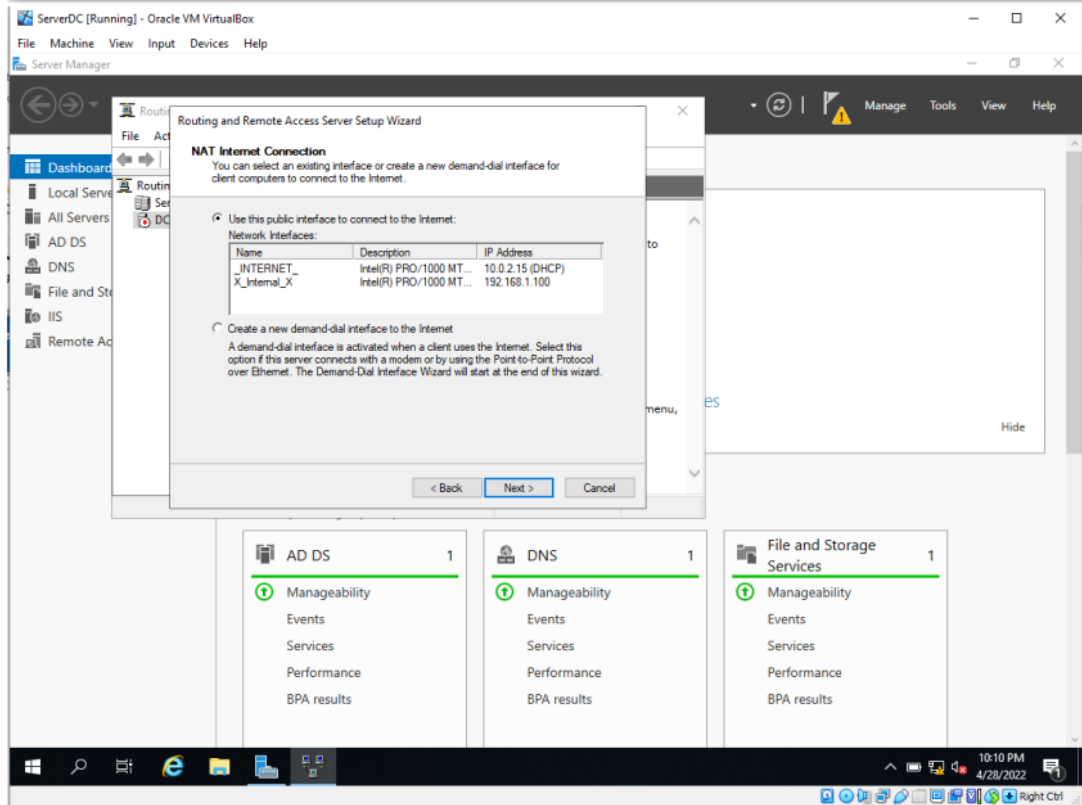
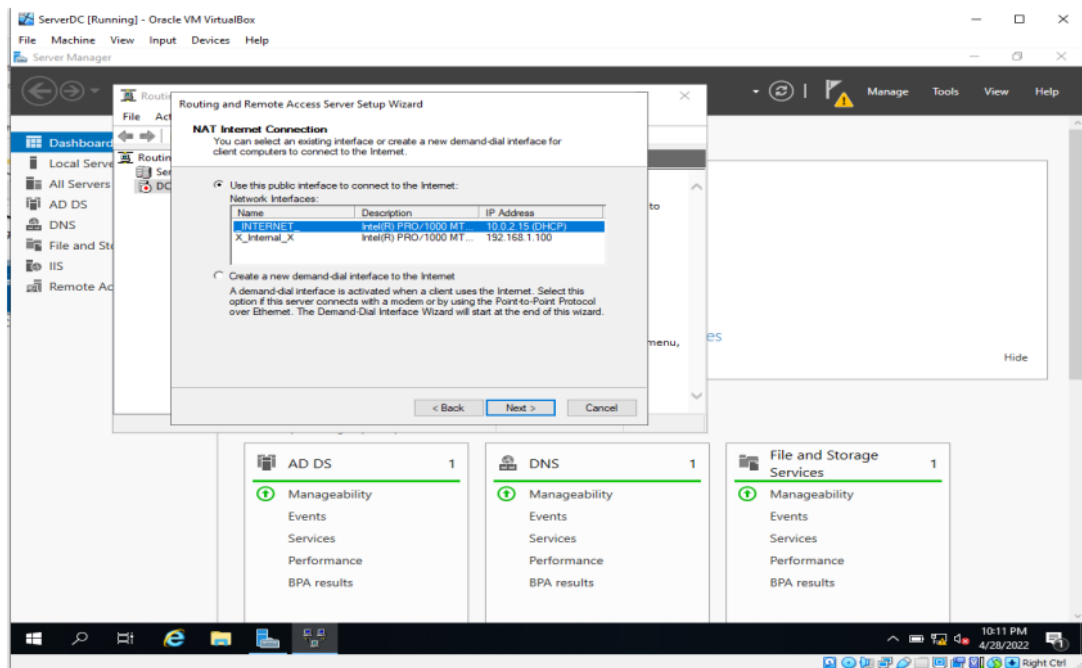


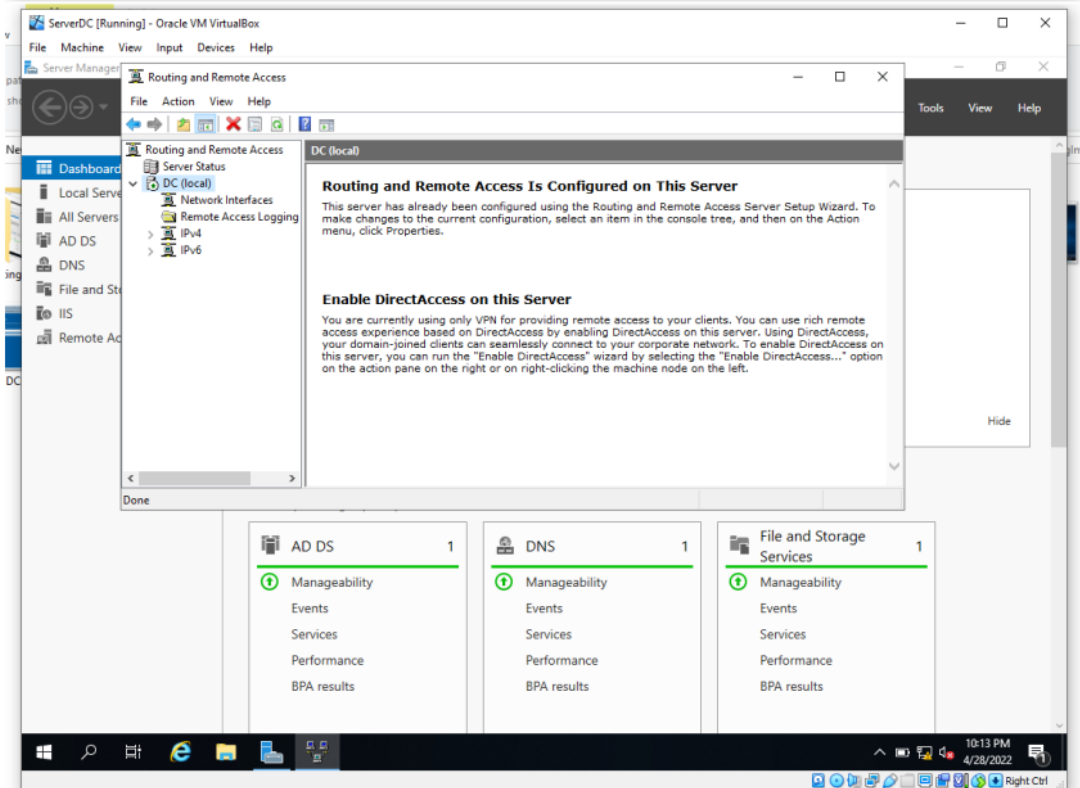
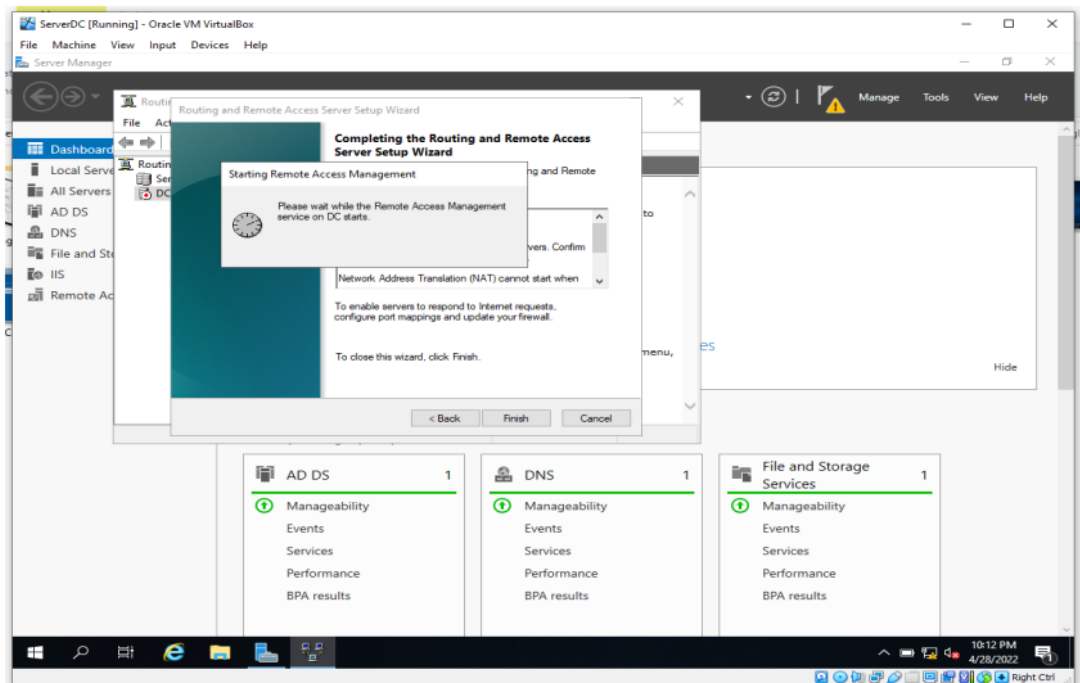
RAS / NAT

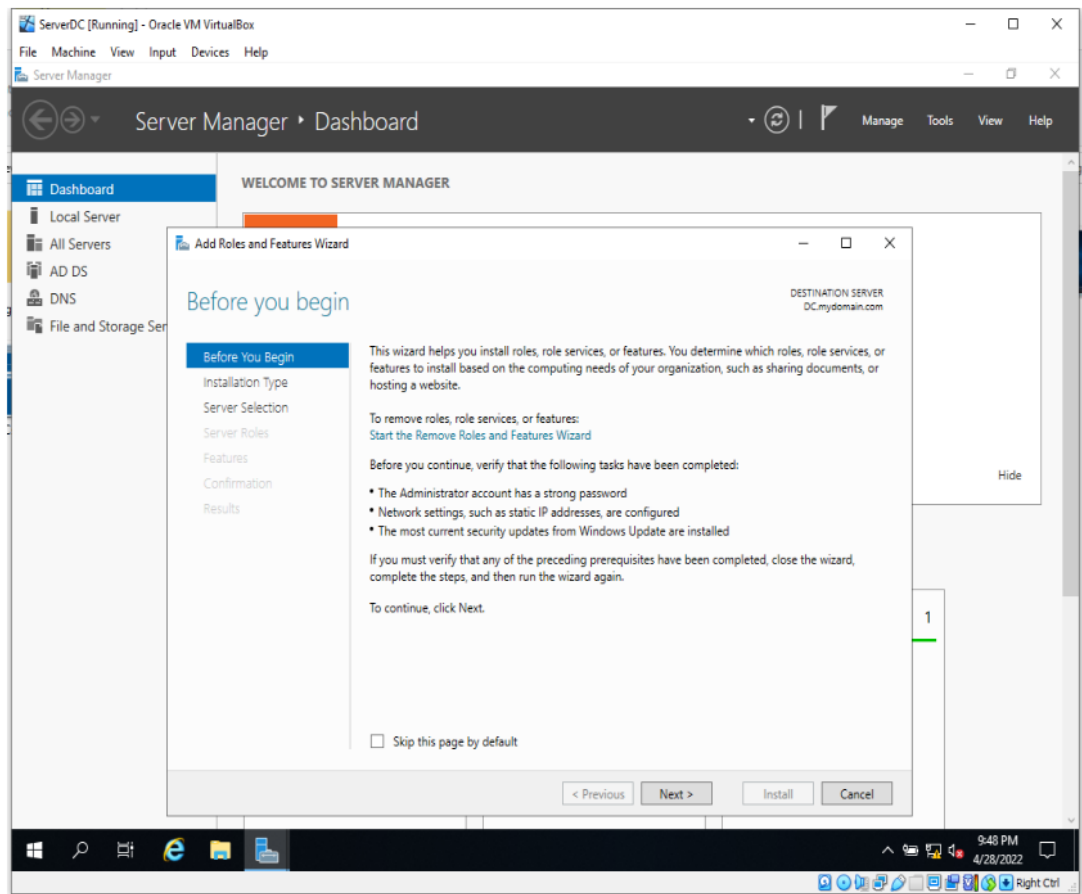




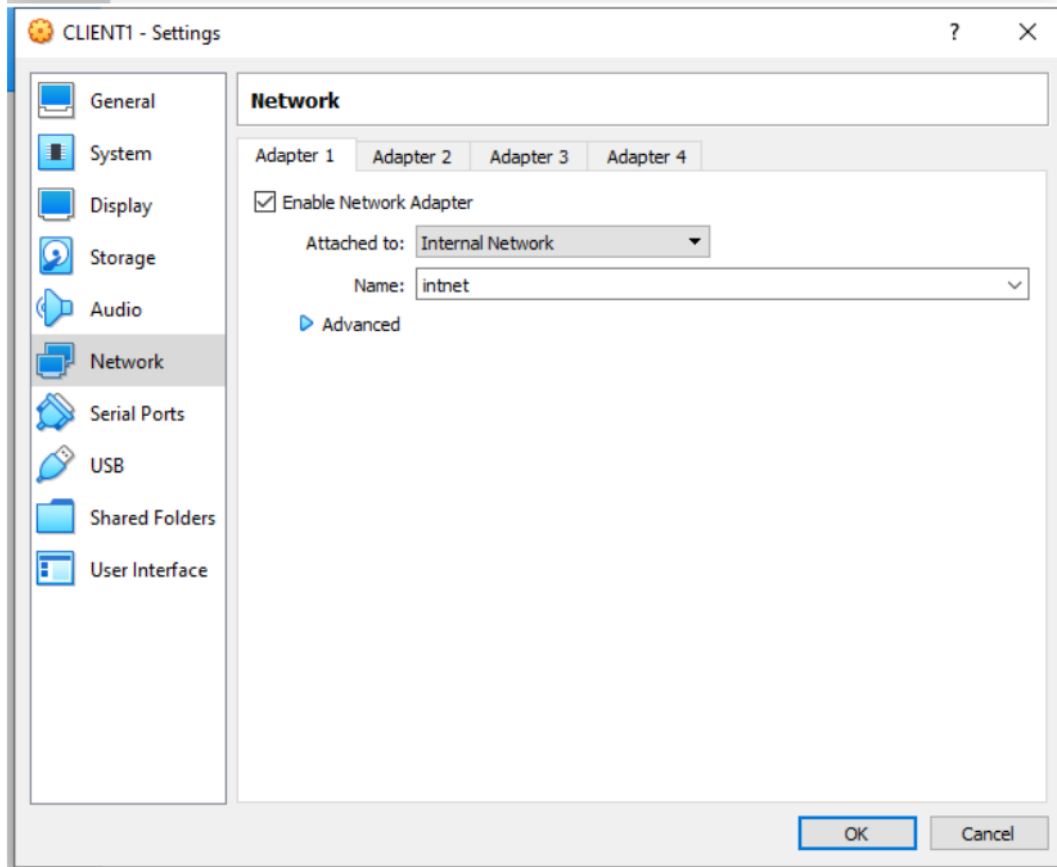
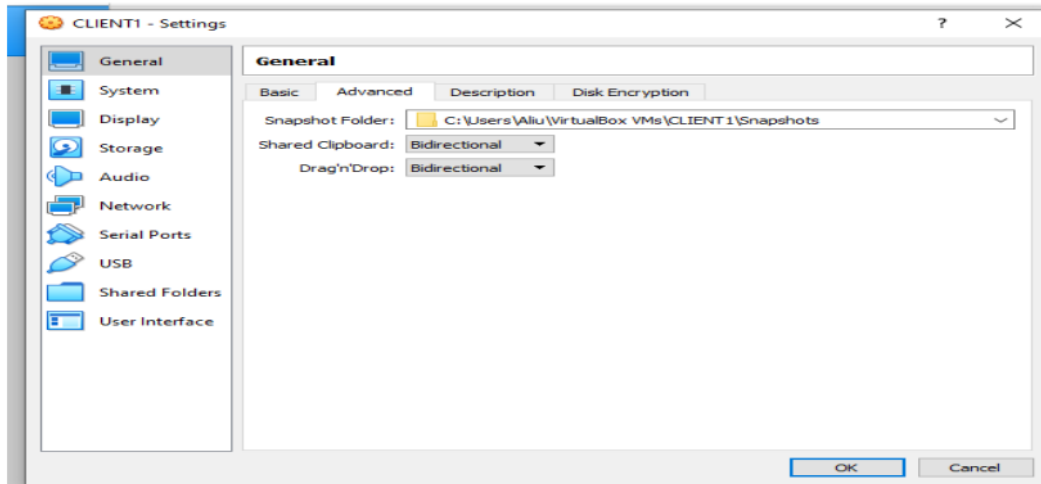


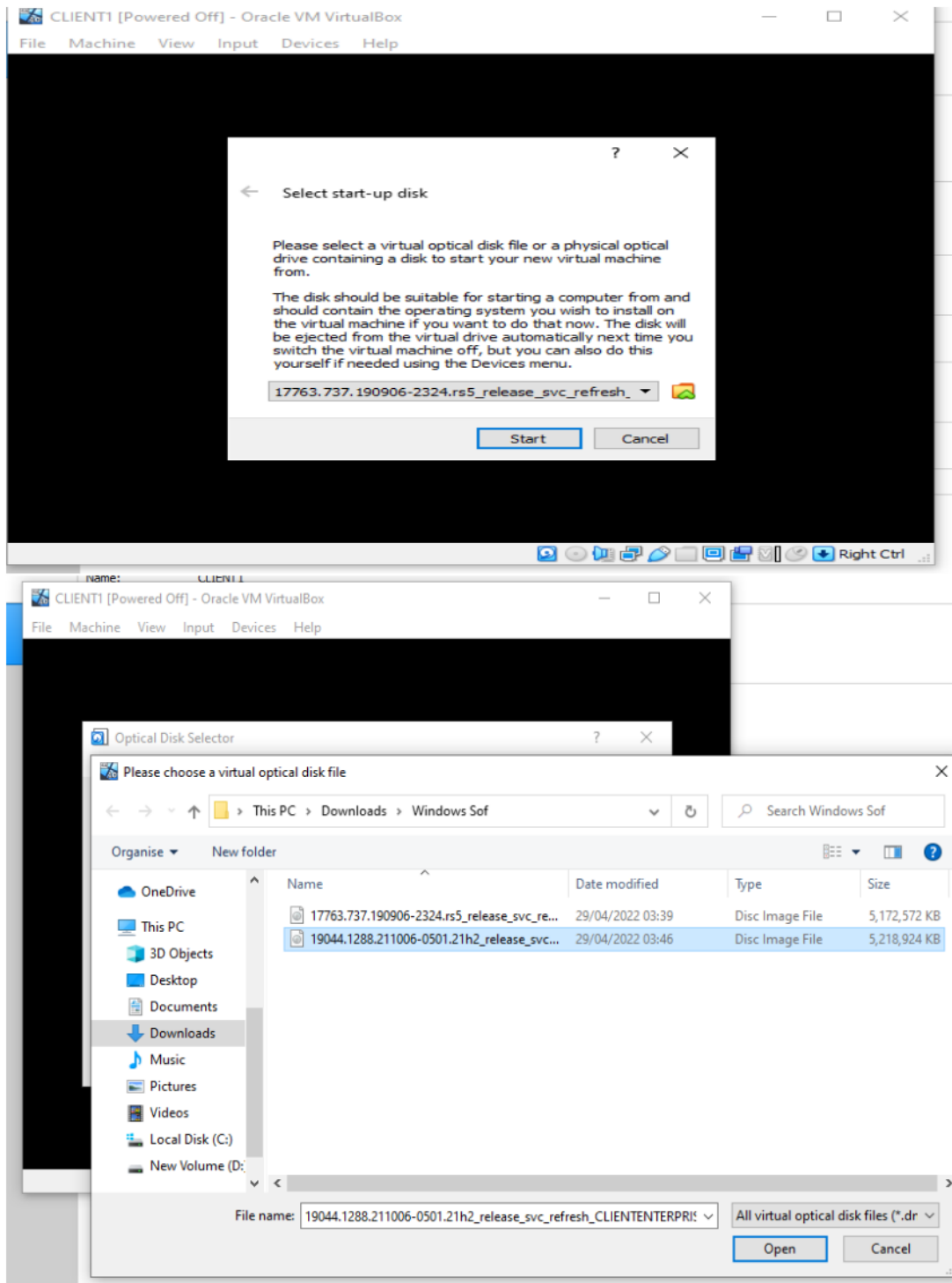


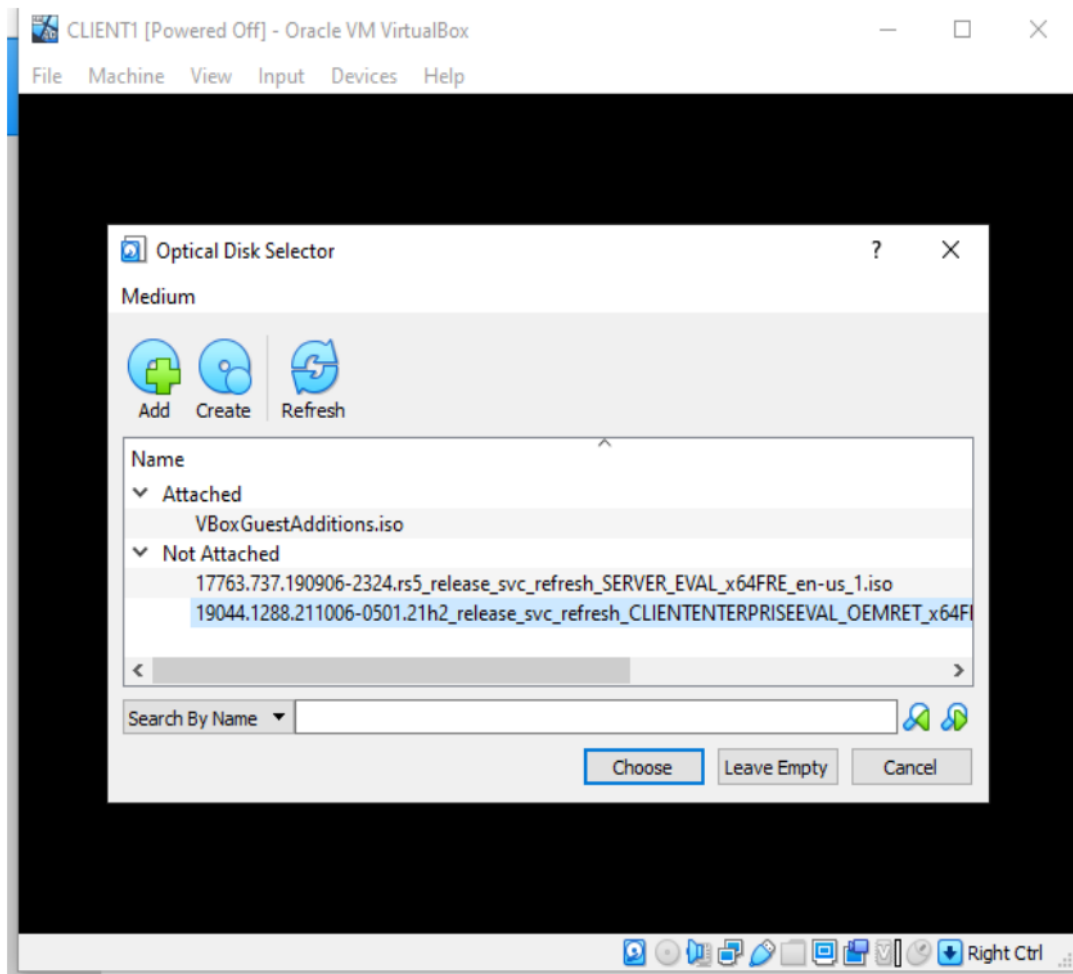


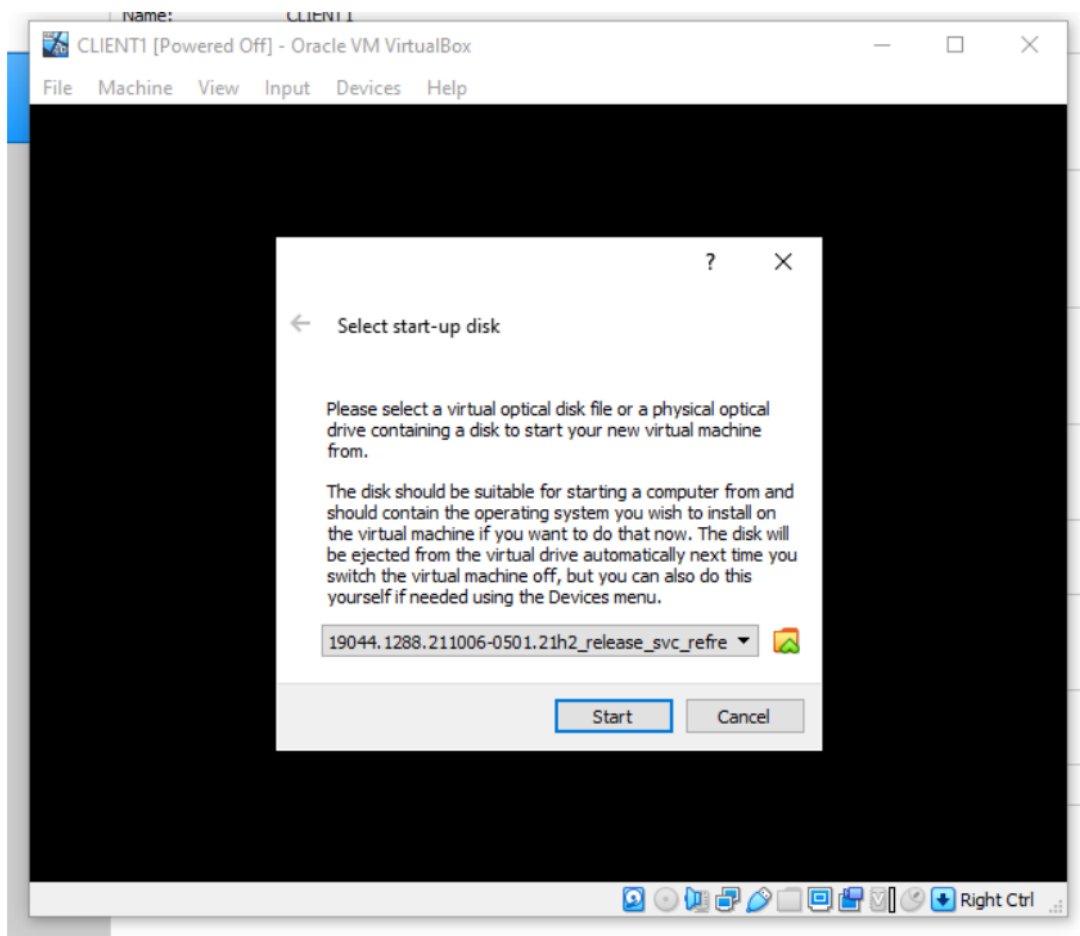


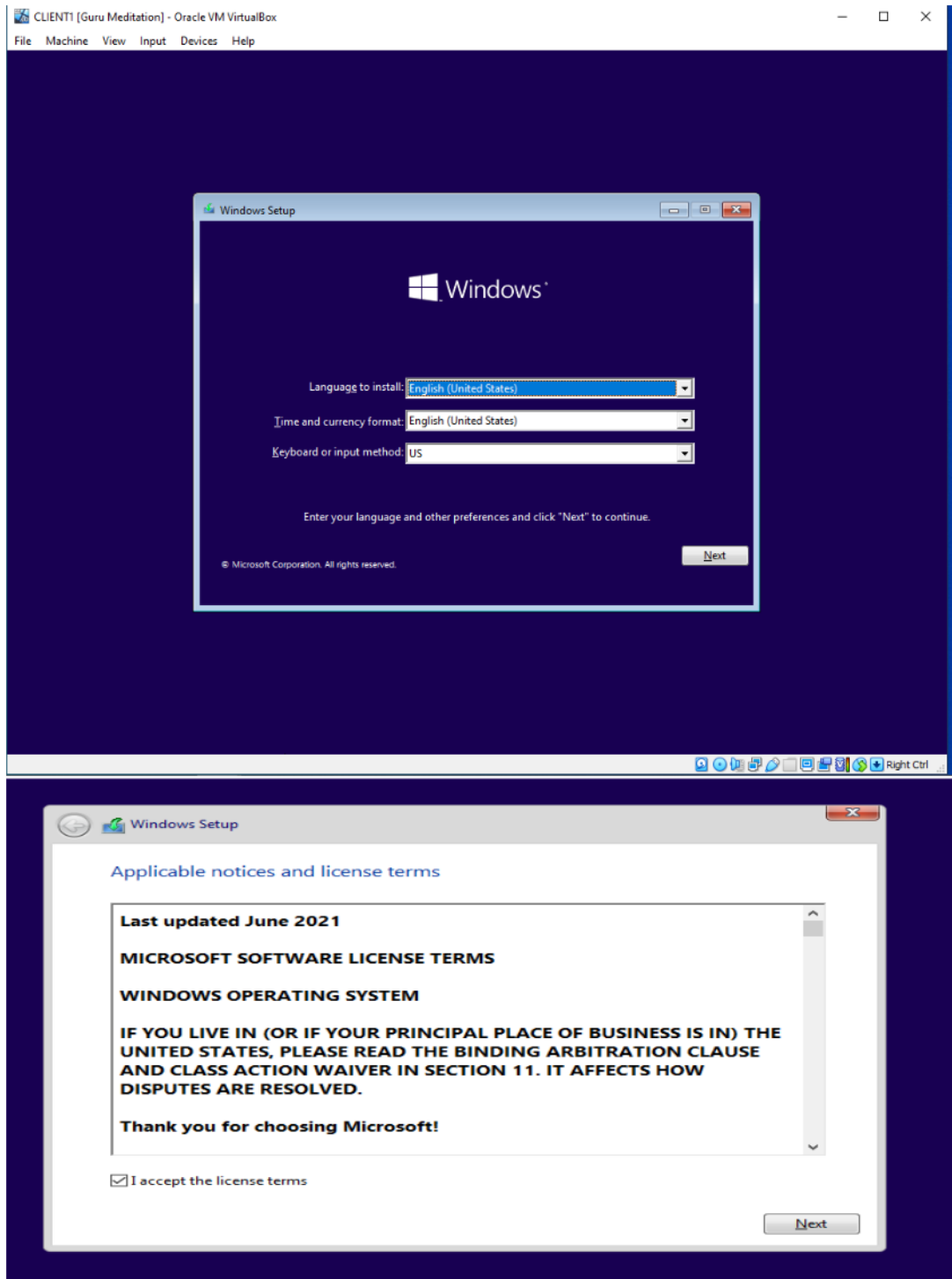
CLIENT PC

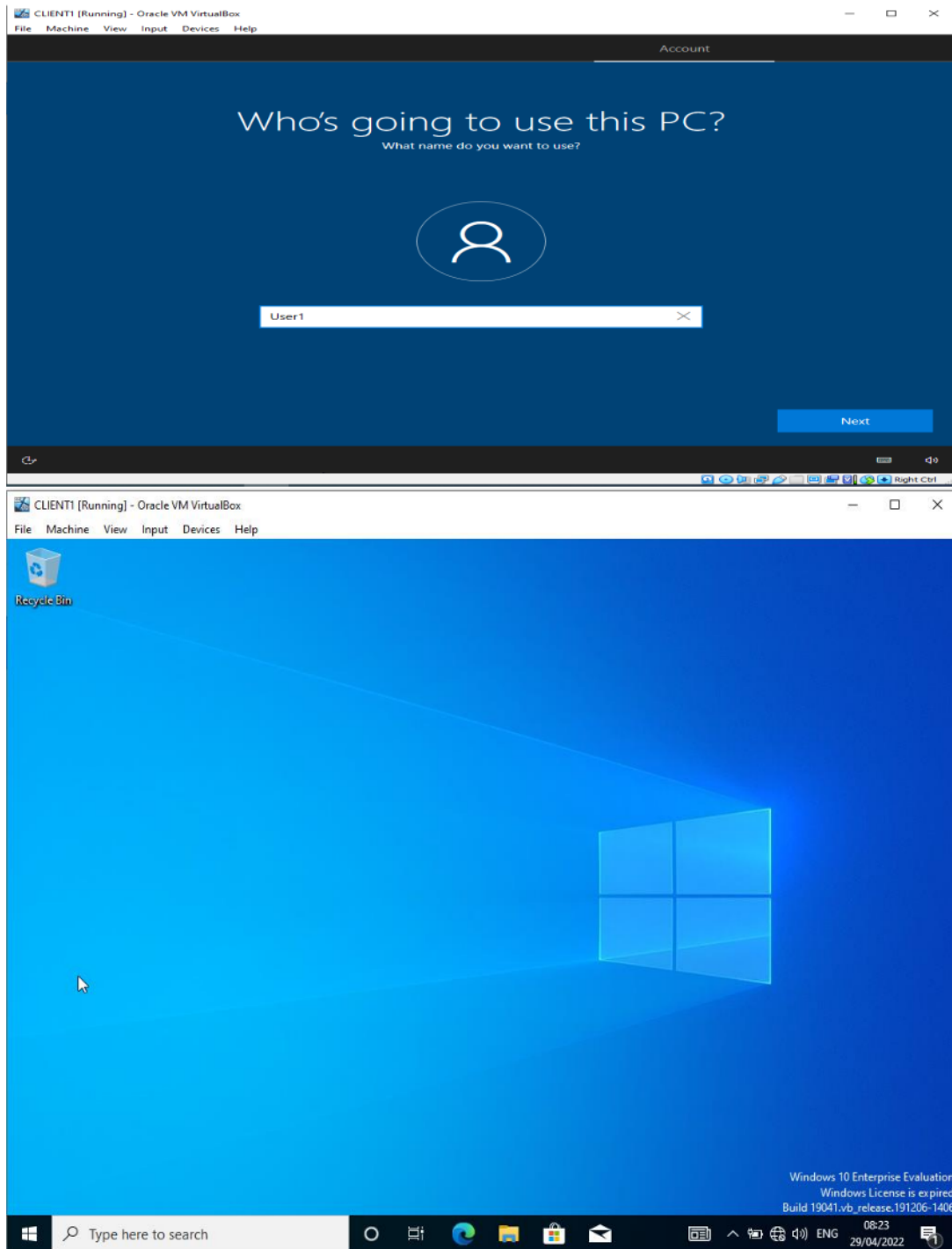




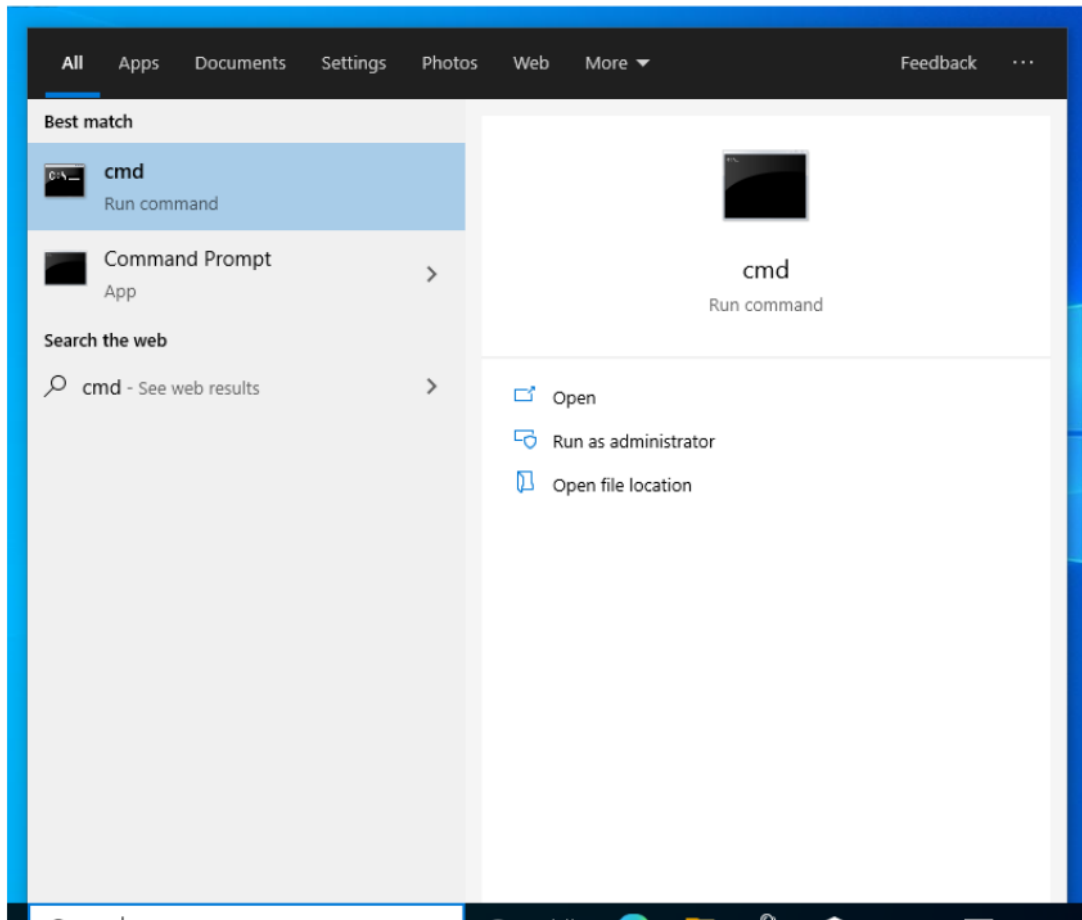








TESTING




```
Command Prompt
Windows IP Configuration

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix  . : mydomain.com
    Link-local IPv6 Address . . . . . : fe80::f86a:e3f:dcc7:4403%4
    IPv4 Address. . . . . : 192.168.1.101
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 0.0.0.0
                                192.168.1.100

C:\Users\User>ping www.google.com

Pinging www.google.com [172.217.169.68] with 32 bytes of data:
Reply from 192.168.1.101: Destination host unreachable.
Reply from 192.168.1.101: Destination host unreachable.
Reply from 192.168.1.101: Destination host unreachable.
Reply from 192.168.1.101: Destination host unreachable.

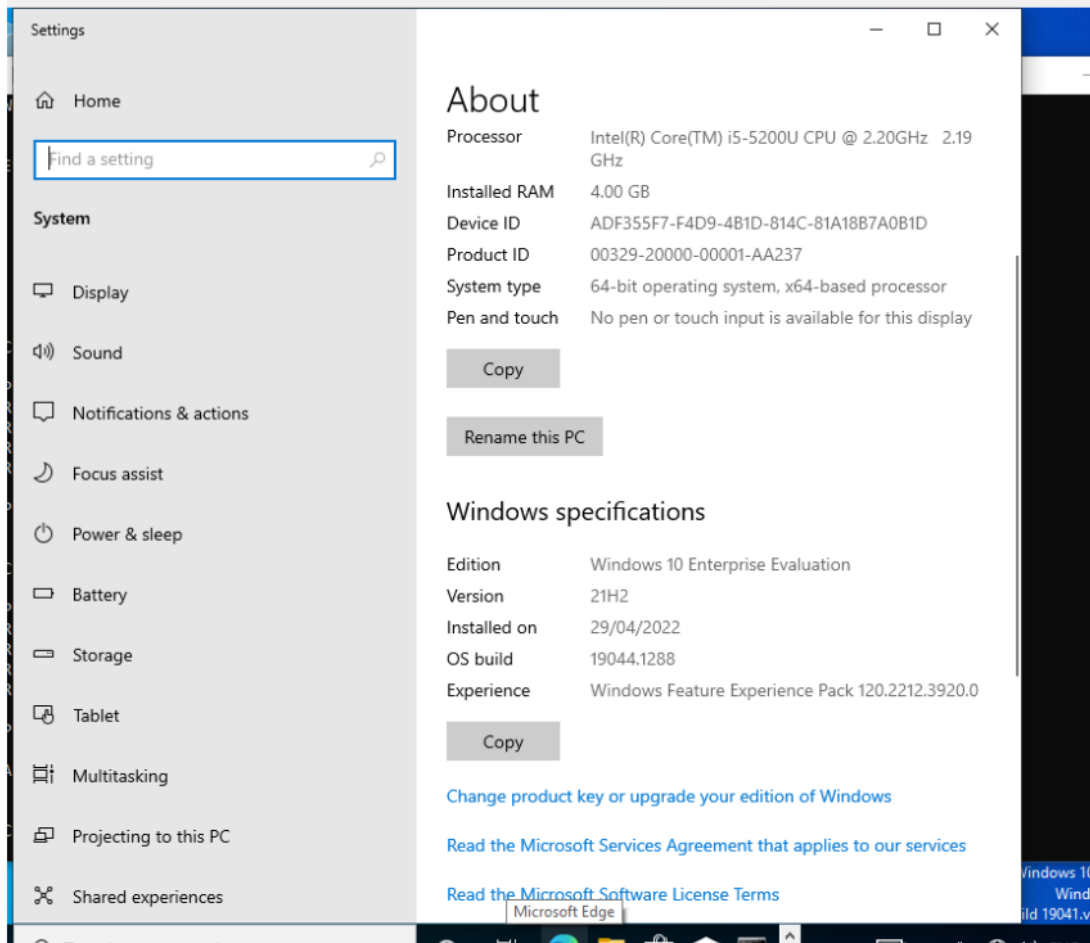
Ping statistics for 172.217.169.68:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

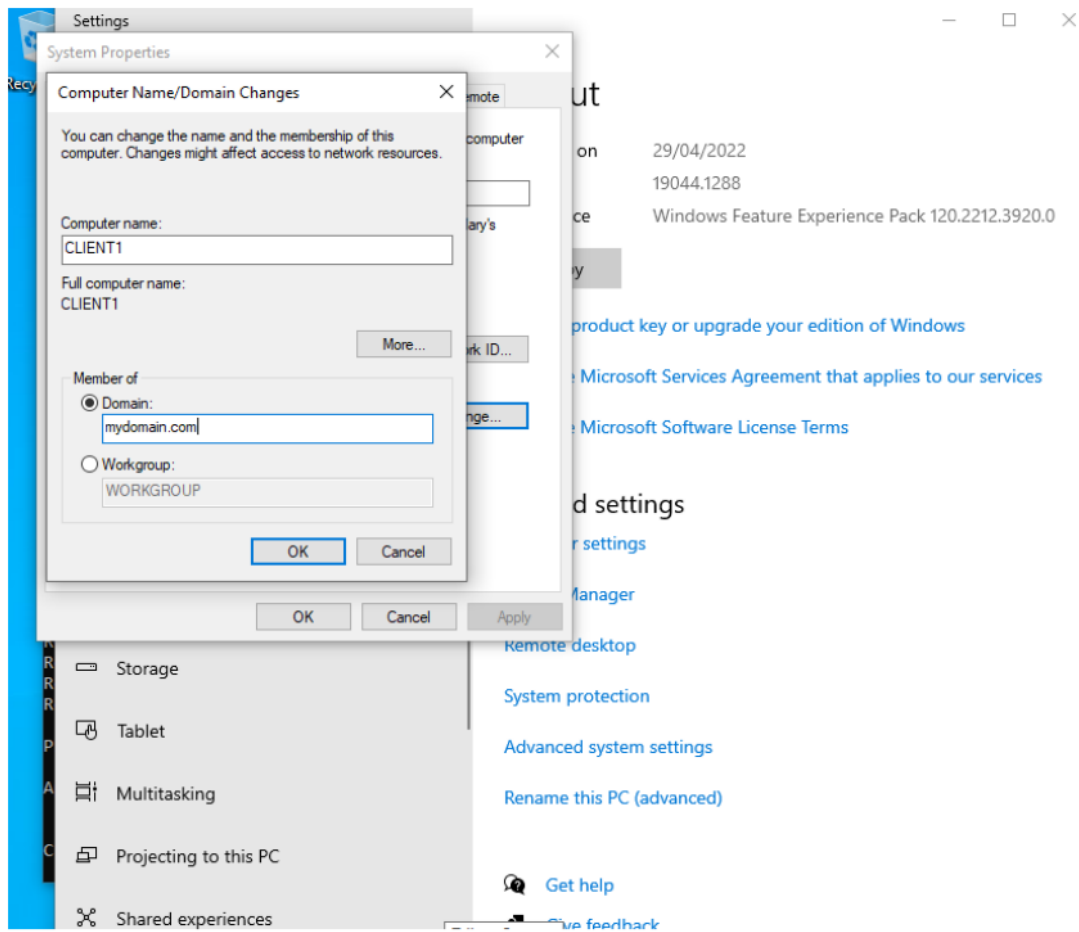
C:\Users\User>ping mydomain.com

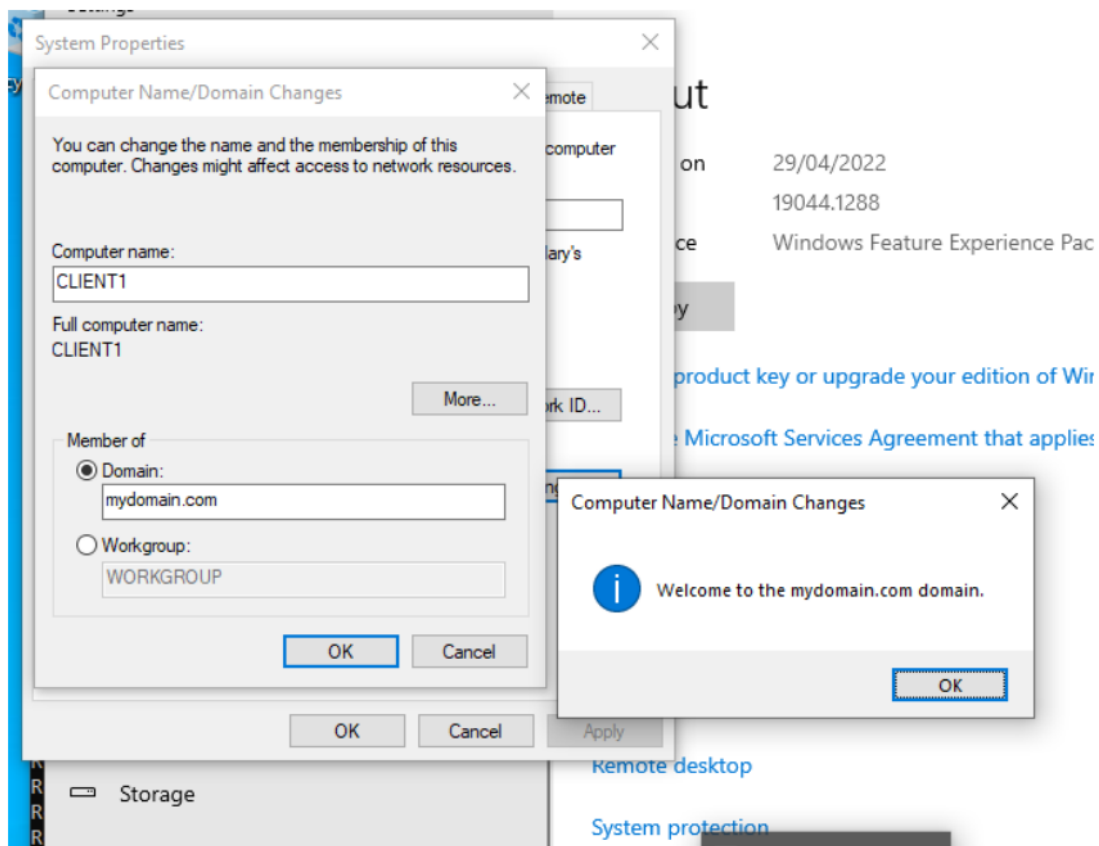
Pinging mydomain.com [192.168.1.100] with 32 bytes of data:
Reply from 192.168.1.100: bytes=32 time<1ms TTL=128
Reply from 192.168.1.100: bytes=32 time<1ms TTL=128
Reply from 192.168.1.100: bytes=32 time<1ms TTL=128
Reply from 192.168.1.100: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.100:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Users\User>
```







Asseg 1

GRADEMARK REPORT

FINAL GRADE

GENERAL COMMENTS

Instructor

67 / 100

PAGE 1

PAGE 2

PAGE 3

PAGE 4

PAGE 5

PAGE 6

PAGE 7

PAGE 8

PAGE 9

PAGE 10

PAGE 11

PAGE 12

PAGE 13

PAGE 14

PAGE 15

PAGE 16

PAGE 17

PAGE 18

PAGE 19

PAGE 20

PAGE 21

PAGE 22

PAGE 23

PAGE 24

PAGE 25

PAGE 26

PAGE 27

PAGE 28

PAGE 29

PAGE 30

PAGE 31

PAGE 32

PAGE 33

PAGE 34

PAGE 35

PAGE 36

PAGE 37

PAGE 38

PAGE 39

PAGE 40

PAGE 41

PAGE 42

PAGE 43

PAGE 44

PAGE 45

PAGE 46

PAGE 47

PAGE 48

PAGE 49

PAGE 50

PAGE 51

PAGE 52

PAGE 53

PAGE 54

PAGE 55

PAGE 56

PAGE 57

PAGE 58

PAGE 59

PAGE 60

PAGE 61

PAGE 62

PAGE 63

PAGE 64

PAGE 65

PAGE 66

PAGE 67

PAGE 68

PAGE 69

