PRACTICAL 5

Aim: Manage XenServer with XenCenter

Requirements: - 1.VM Ware

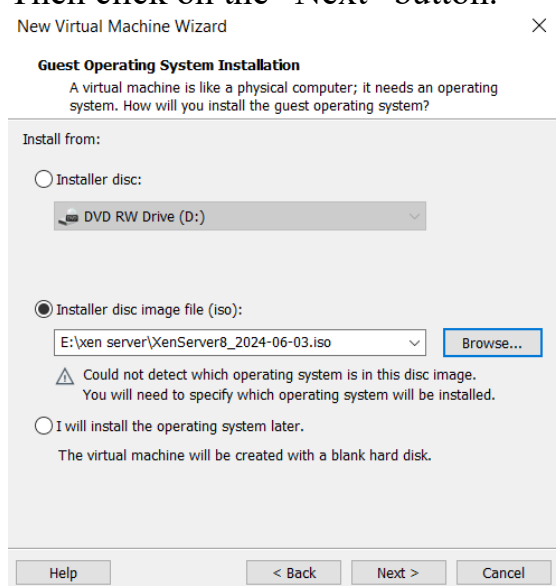**2. Xen Center**

3.Xen Server 8

Steps:

Step1: - Create a new Virtual Machine in VMware Workstation

File → New Virtual Machine

Step2: Select Typical (recommended) and click on "Next" button.

Step3: Select the iso file click on the Browse & select "XenServer-8.2.0- install-cd" file. Then click on the "Next" button.

Step4: Select Guest OS as "VMware ESXi" and Version as "VMware ESXi 5". Give a name to the Virtual Machine as "Xen Server".

New Virtual Machine Wizard ✕

Select a Guest Operating System
Which operating system will be installed on this virtual machine?

Guest operating system
- ○ Microsoft Windows
- ○ Linux
- ◉ VMware ESX
- ○ Other

Version

VMware ESXi 5.x ⌄

Help | < Back | Next > | Cancel

New Virtual Machine Wizard ✕

Name the Virtual Machine
What name would you like to use for this virtual machine?

Virtual machine name:

XEN SERVER

Location:

C:\Users\ADMIN\Documents\Virtual Machines\XEN SERVER | Browse...

The default location can be changed at Edit > Preferences.

< Back | Next > | Cancel

Step5: Select Maximum disk size 100 GB. Store virtual disk as a single file" and click on "Next." Click on "Customize Hardware"

New Virtual Machine Wizard ✕

Specify Disk Capacity
How large do you want this disk to be?

The virtual machine's hard disk is stored as one or more files on the host computer's physical disk. These file(s) start small and become larger as you add applications, files, and data to your virtual machine.

Maximum disk size (GB): 100

Recommended size for VMware ESXi 5.x: 40 GB

- ◉ Store virtual disk as a single file
- ○ Split virtual disk into multiple files

Splitting the disk makes it easier to move the virtual machine to another computer but may reduce performance with very large disks.

Help | < Back | Next > | Cancel

Step6: At the Hardware window select Memory size as 2GB, Close and Click on "Finish"

Hardware ✕

Device	Summary
Memory	4 GB
Processors	2
New CD/DVD (IDE)	Using file E:\xen server\Xen...
Network Adapter	NAT
USB Controller	Present
Display	Auto detect

Memory
Specify the amount of memory allocated to this virtual machine. The memory size must be a multiple of 4 MB.

Memory for this virtual machine: 4096 MB

128 GB
64 GB
32 GB
16 GB ◄
8 GB
4 GB ◄
2 GB
1 GB
512 MB
256 MB
128 MB
64 MB
32 MB
16 MB
8 MB
4 MB

■ Maximum recommended memory
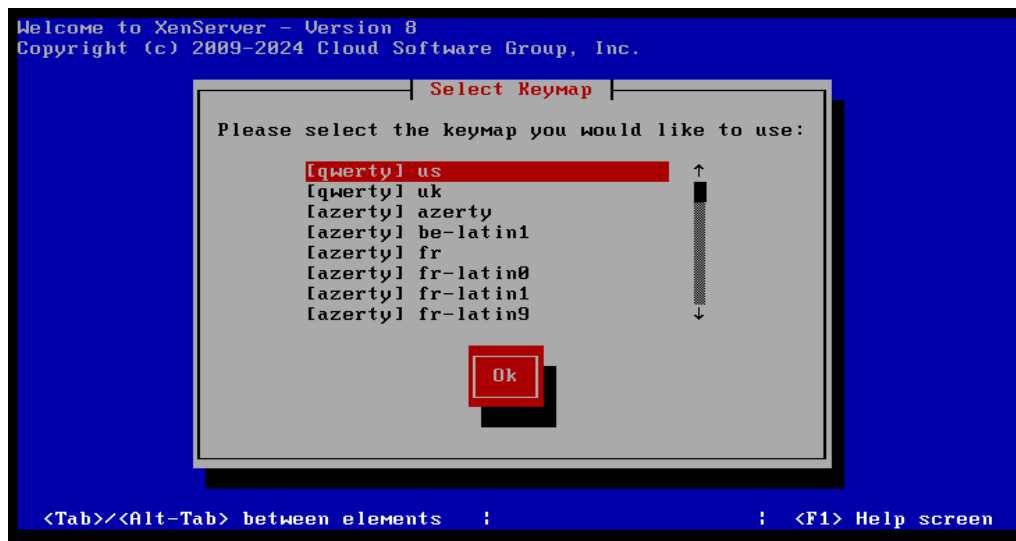(Memory swapping may occur beyond this size.)
9.7 GB

■ Recommended memory
4 GB

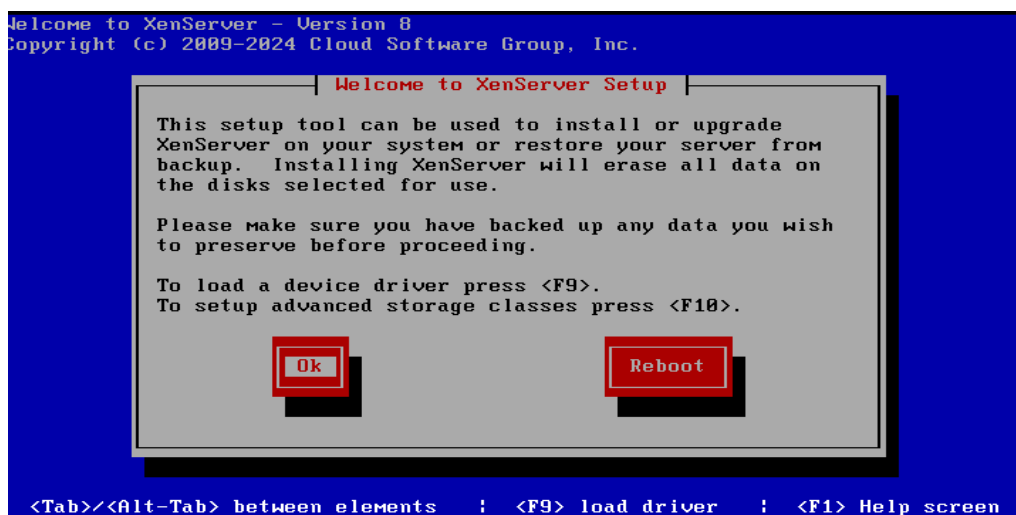■ Guest OS recommended minimum
4 GB

Add... | Remove

Close | Help
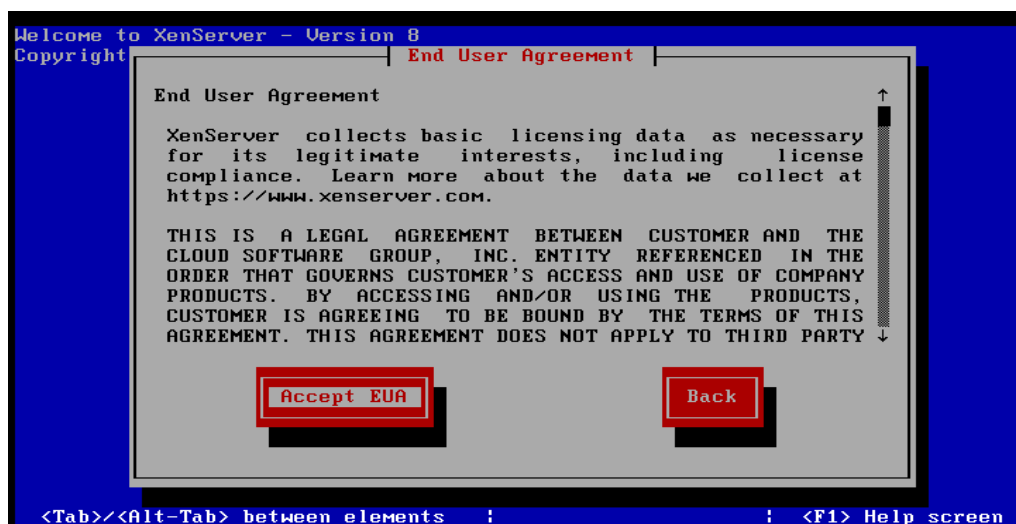
Step7: Power ON the Xen Server

Step8: Select Keymap as [qwerty] us and press Enter.
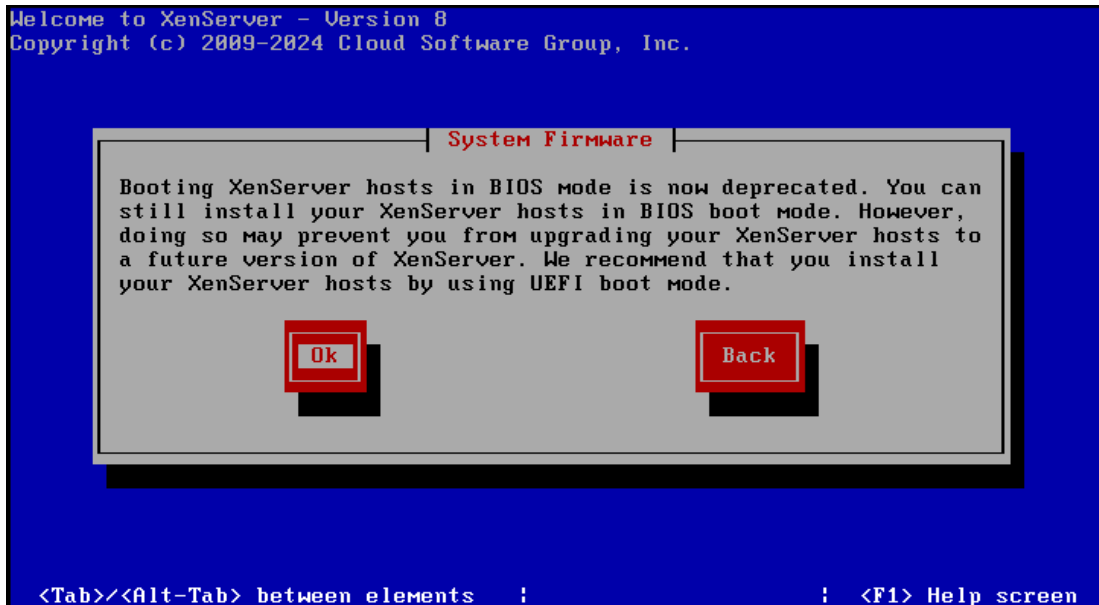

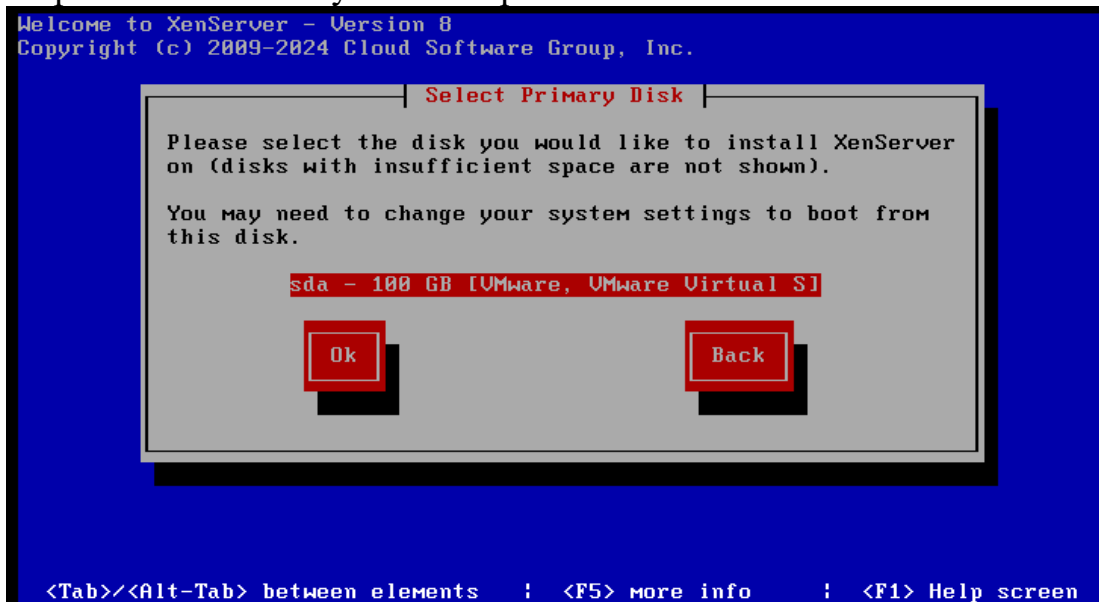Step9: In the Welcome to XenServer Setup screen press Enter to choose Ok.

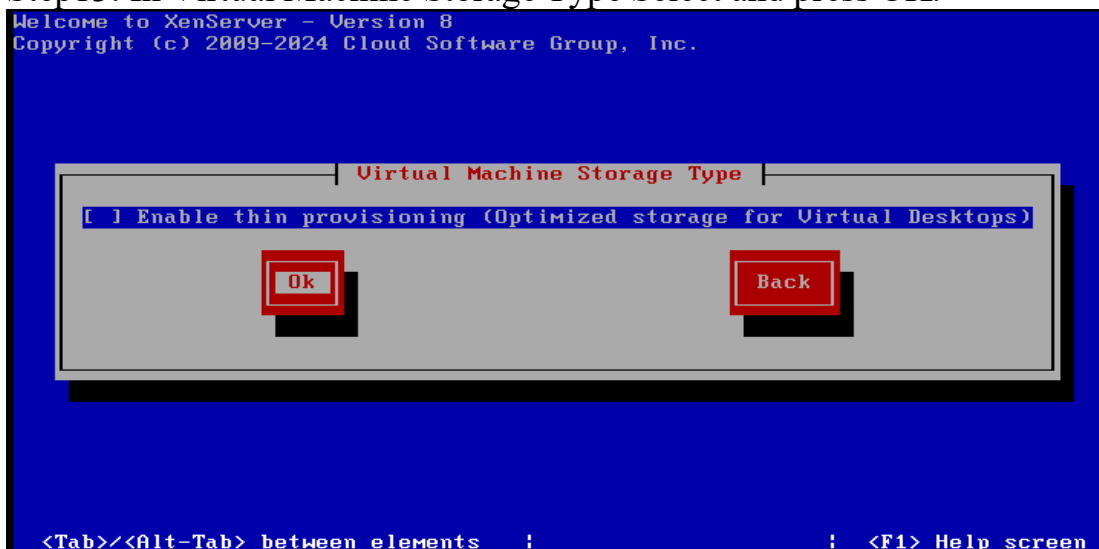Step10: In End User Agreement Select Accept EUA
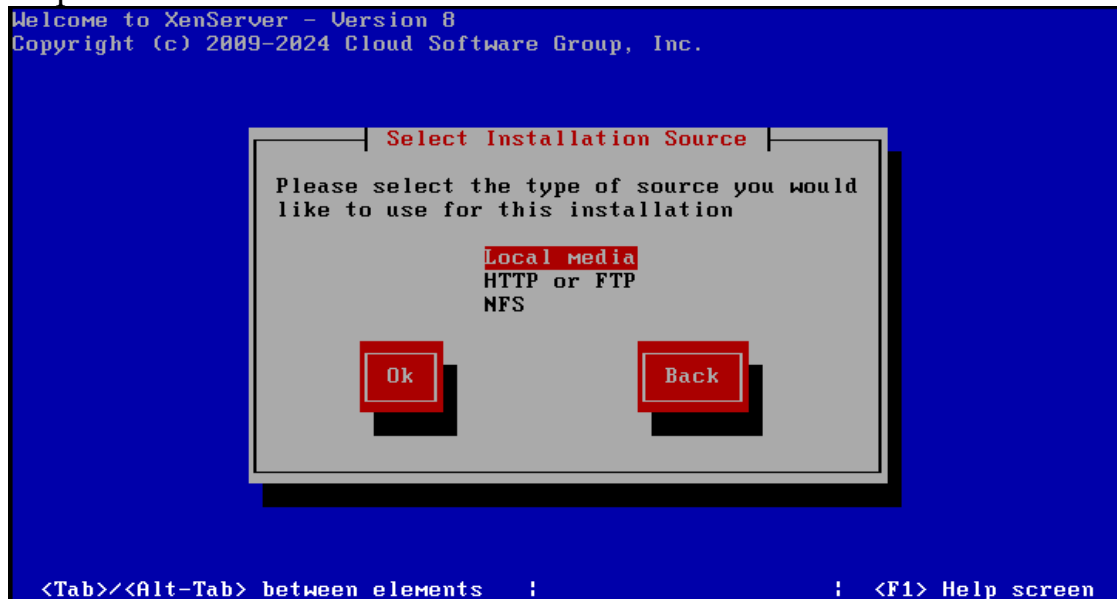
Step11: In system Firmware Select OK
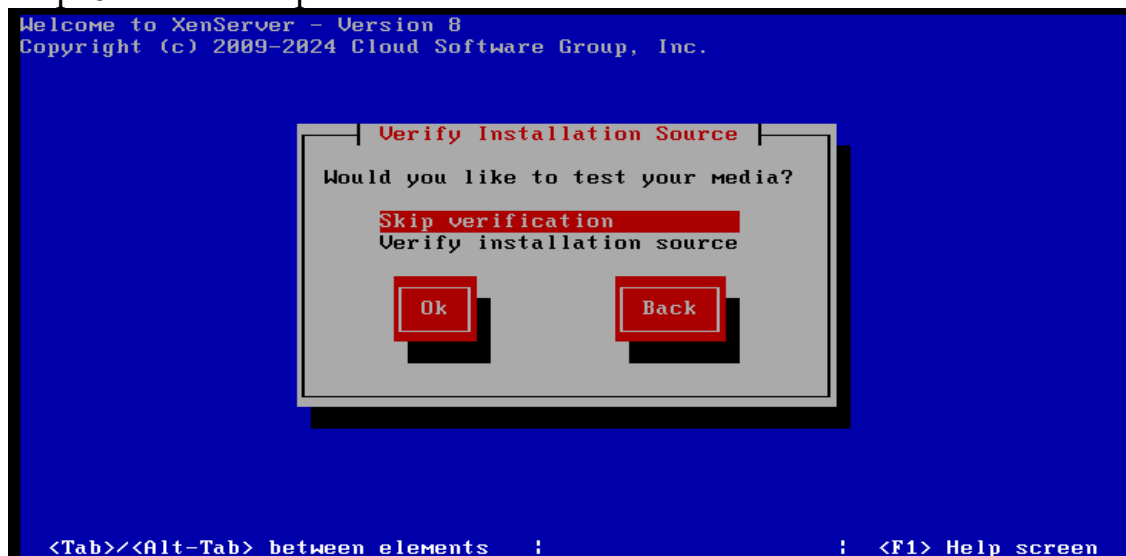

Step12: Select Primary Disk and press OK.

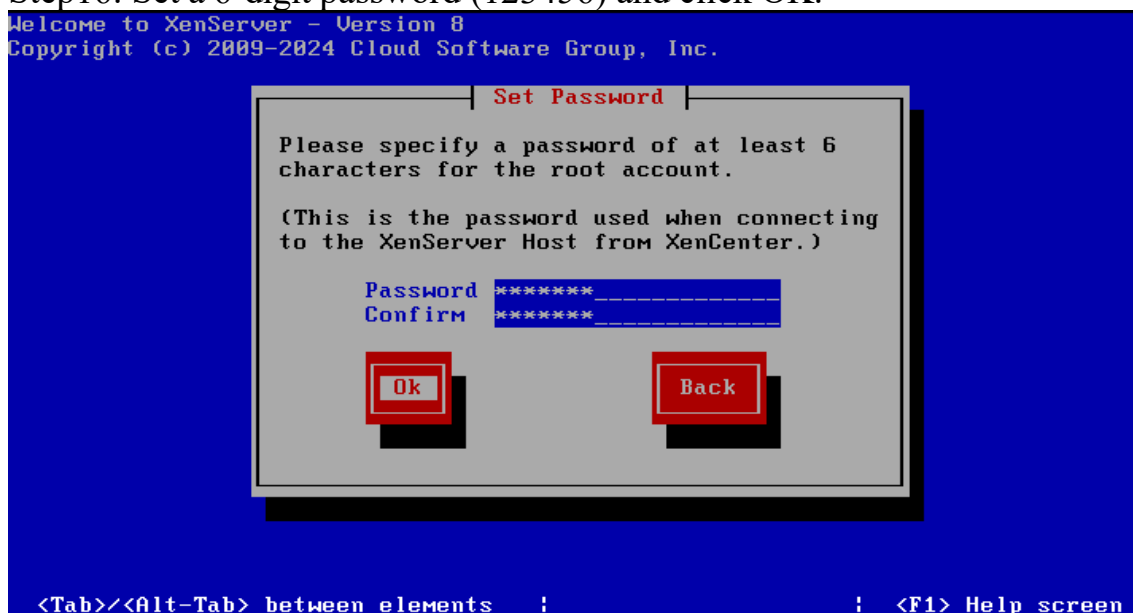Step13: In Virtual Machine Storage Type Select and press OK.

Step14: Select Installation Source as Local Media
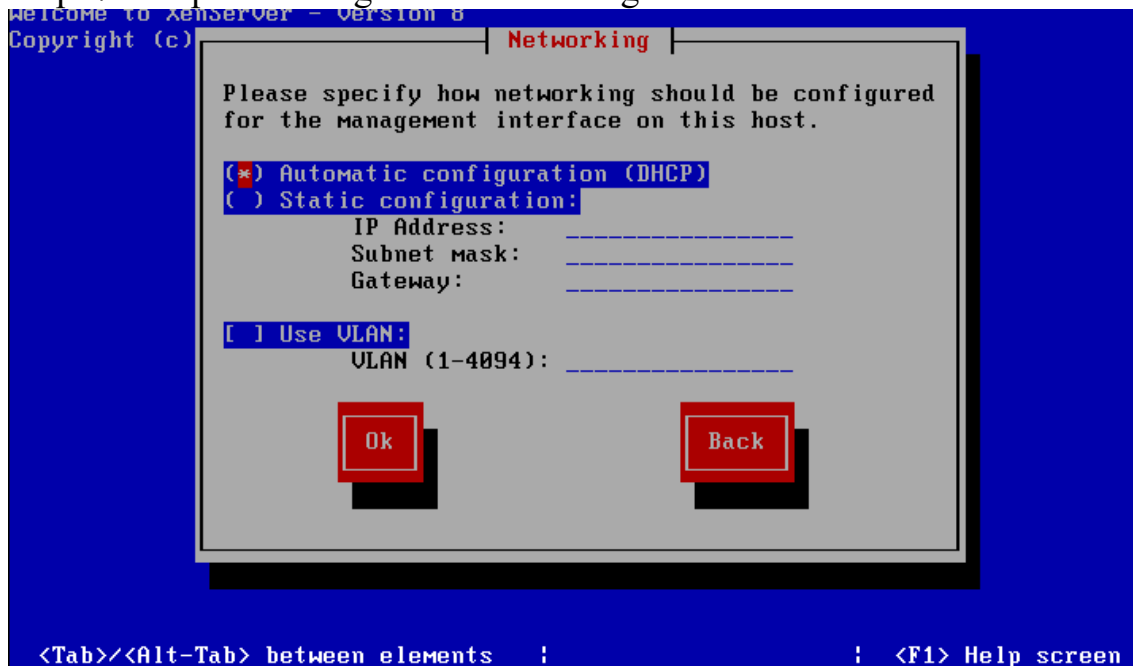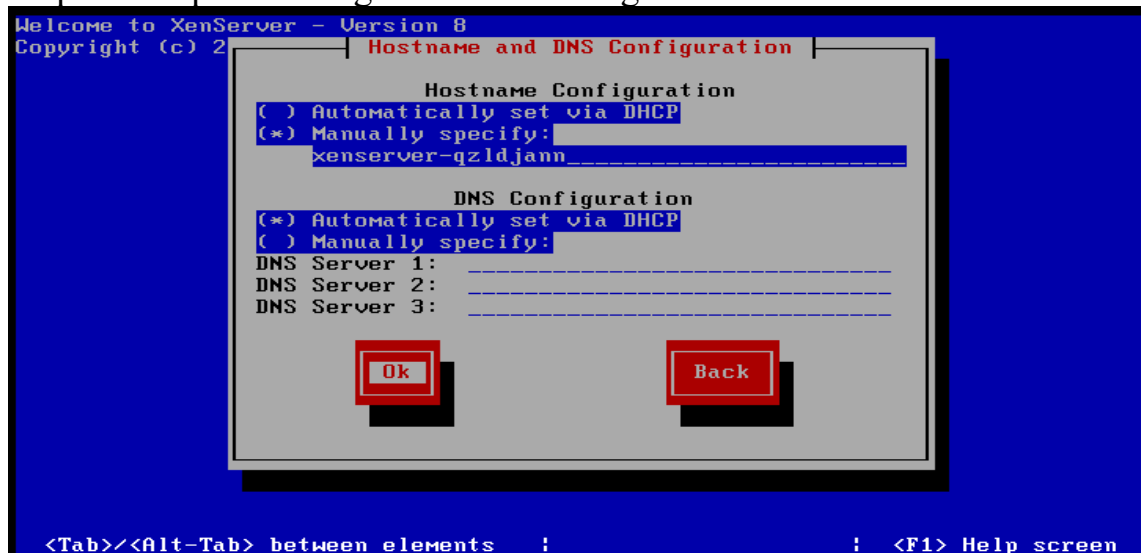

Step15: Choose skip verification and click on ok.

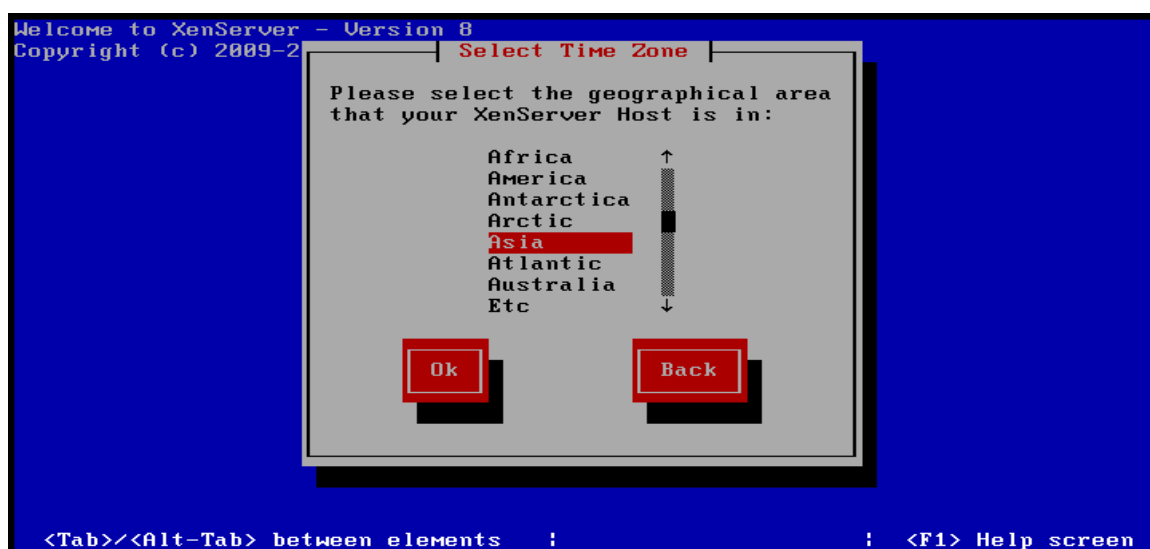Step16: Set a 6-digit password (123456) and click OK.

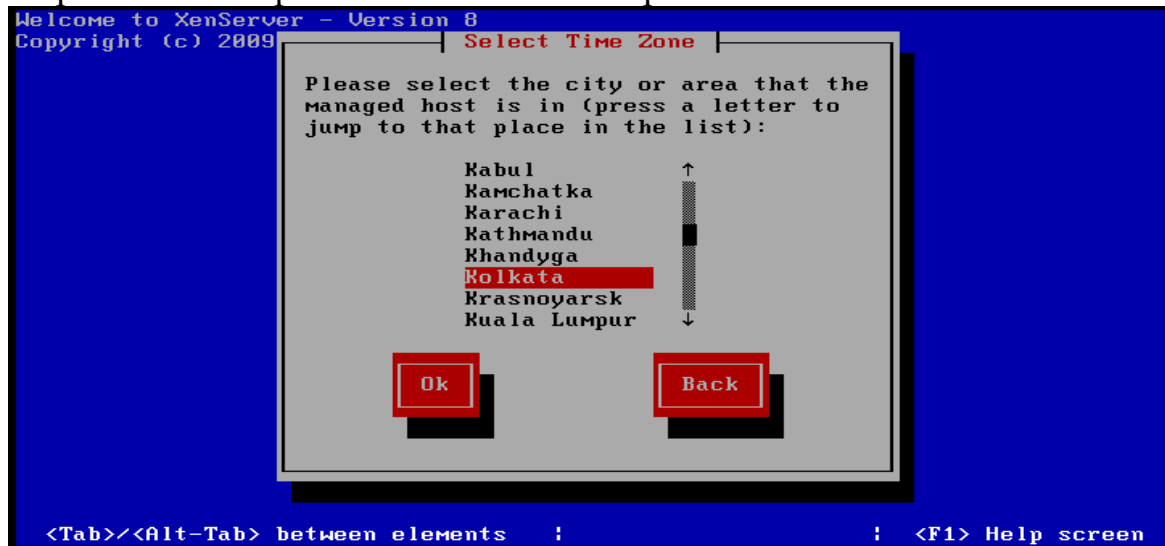Step17: Keep the setting default and navigate to OK Button

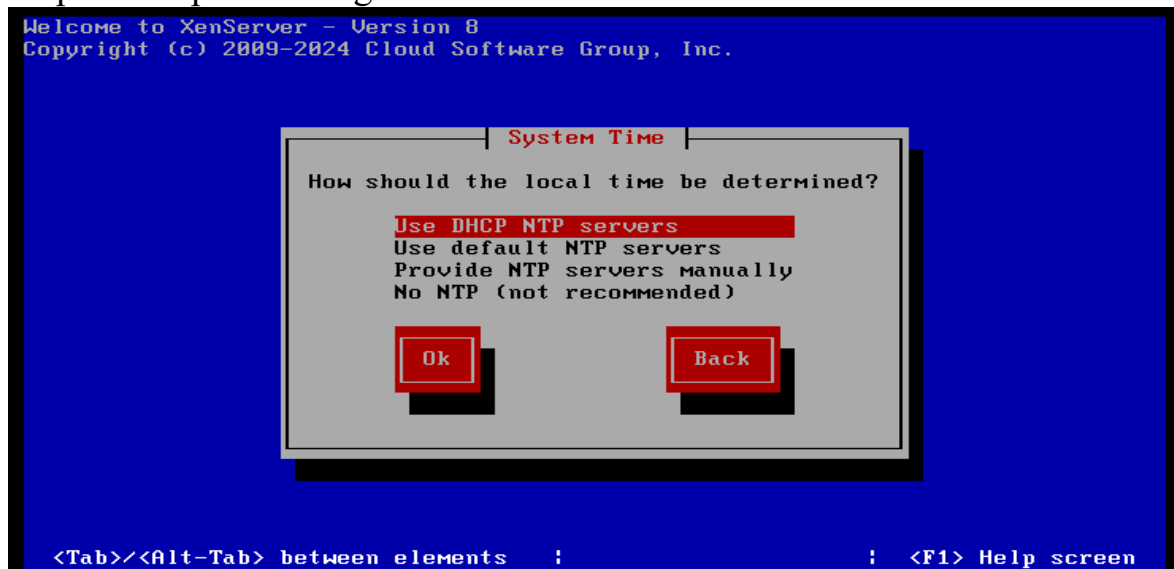Step18: Keep the setting default and navigate to OK Button

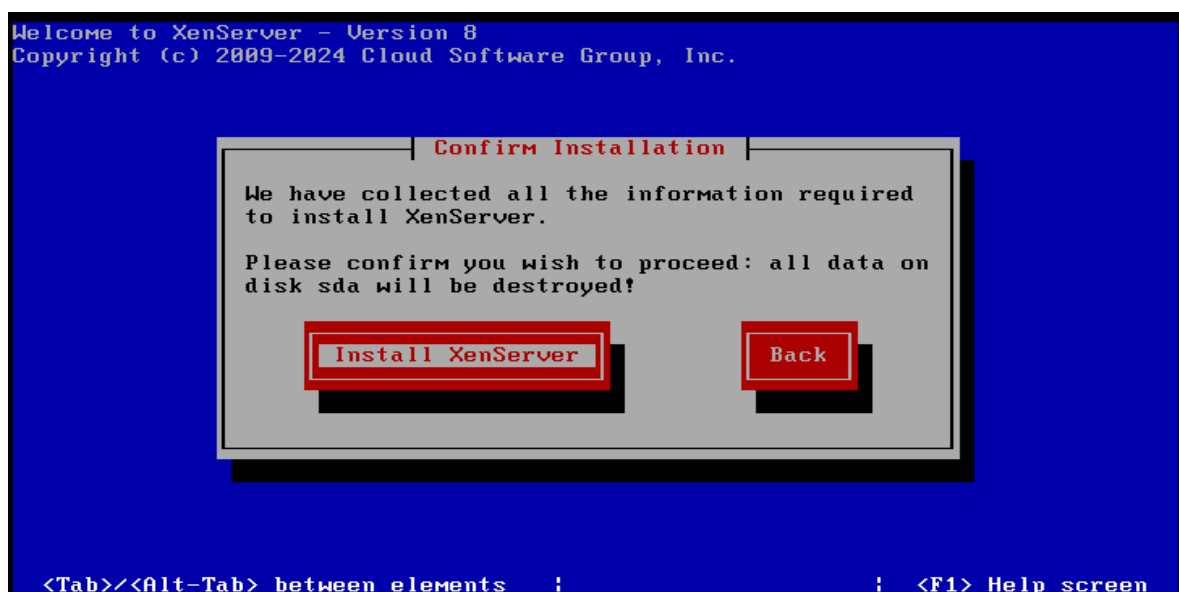Step19: In the dropdown find Asia and press Enter.

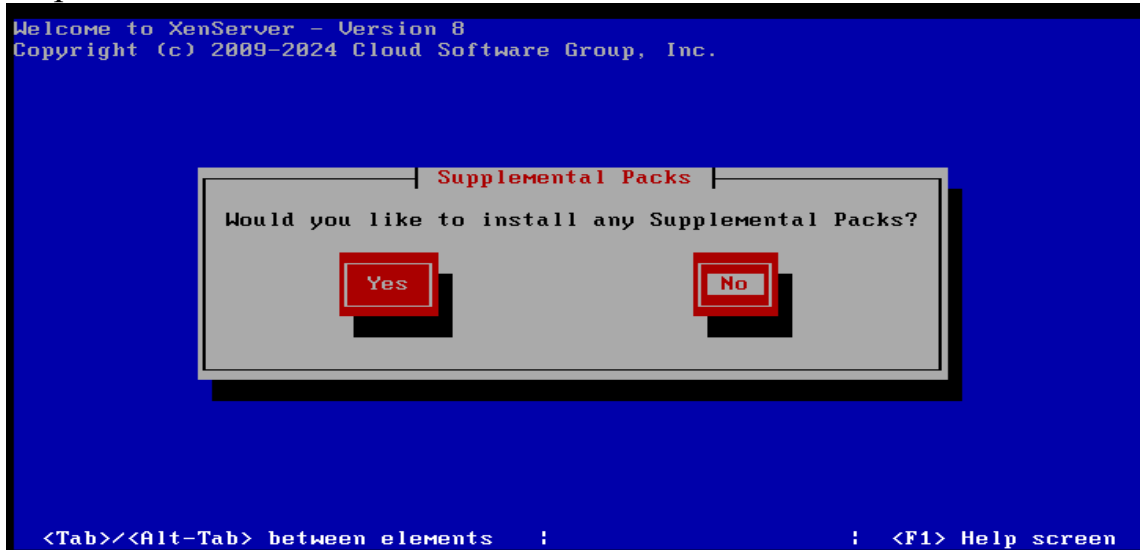Step20: In the dropdown find Kolkata and press Enter.

Welcome to XenServer - Version 8
Copyright (c) 2009

| Select Time Zone |

Please select the city or area that the
managed host is in (press a letter to
jump to that place in the list):

Kabul
Kamchatka
Karachi
Kathmandu
Khandyga
Kolkata
Krasnoyarsk
Kuala Lumpur

Ok   Back

<Tab>/<Alt-Tab> between elements   :   : <F1> Help screen

Step21: Keep the setting default & click on OK.

Welcome to XenServer - Version 8
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| System Time |

How should the local time be determined?

Use DHCP NTP servers
Use default NTP servers
Provide NTP servers manually
No NTP (not recommended)

Ok   Back

<Tab>/<Alt-Tab> between elements   :   : <F1> Help screen

Step22: Click on Install XenServer.

Welcome to XenServer - Version 8
Copyright (c) 2009-2024 Cloud Software Group, Inc.

| Confirm Installation |

We have collected all the information required
to install XenServer.

Please confirm you wish to proceed: all data on
disk sda will be destroyed!

Install XenServer   Back

<Tab>/<Alt-Tab> between elements   :   : <F1> Help screen

Step23: Select No and the vm will reboot.

```
Welcome to XenServer - Version 8
Copyright (c) 2009-2024 Cloud Software Group, Inc.



                ┤ Supplemental Packs ├
        Would you like to install any Supplemental Packs?

              ┌─────┐                    ┌─────┐
              │ Yes │                    │ No  │
              └─────┘                    └─────┘




    <Tab>/<Alt-Tab> between elements   :            :  <F1> Help screen
```

Step24: Press Enter

```
                    GNU GRUB  version 2.06

    ┌────────────────────────────────────────────────────────┐
    │*XenServer                                                │
    │ XenServer (Serial)                                       │
    │ XenServer in Safe Mode                                   │
    │ XenServer (Xen 4.17.4 / Linux 4.19.0+1)                  │
    │ XenServer (Serial, Xen 4.17.4 / Linux 4.19.0+1)          │
    │                                                          │
    │                                                          │
    │                                                          │
    │                                                          │
    └────────────────────────────────────────────────────────┘

        Use the ↑ and ↓ keys to select which entry is highlighted.
        Press enter to boot the selected OS, 'e' to edit the commands
        before booting or 'c' for a command-line.
    The highlighted entry will be executed automatically in 2s.
```

XenServer™

Step25: A panel will appear with wealth of information.
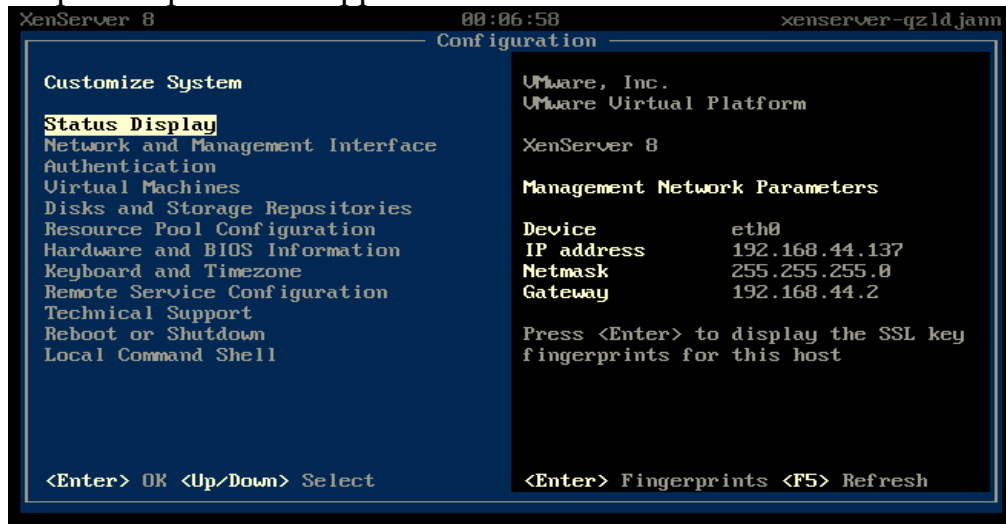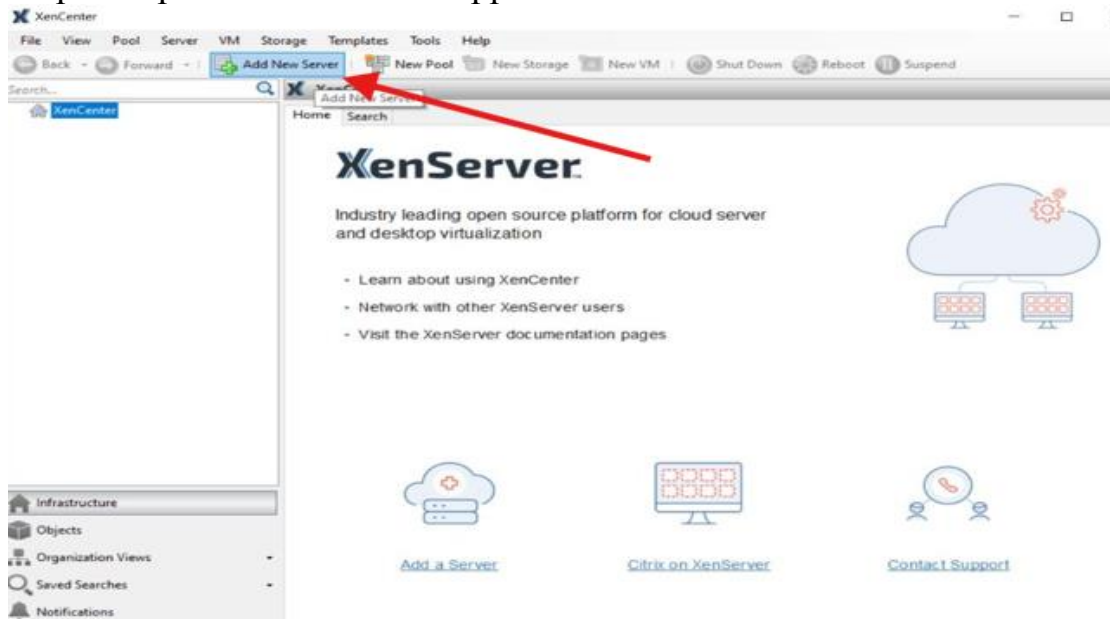

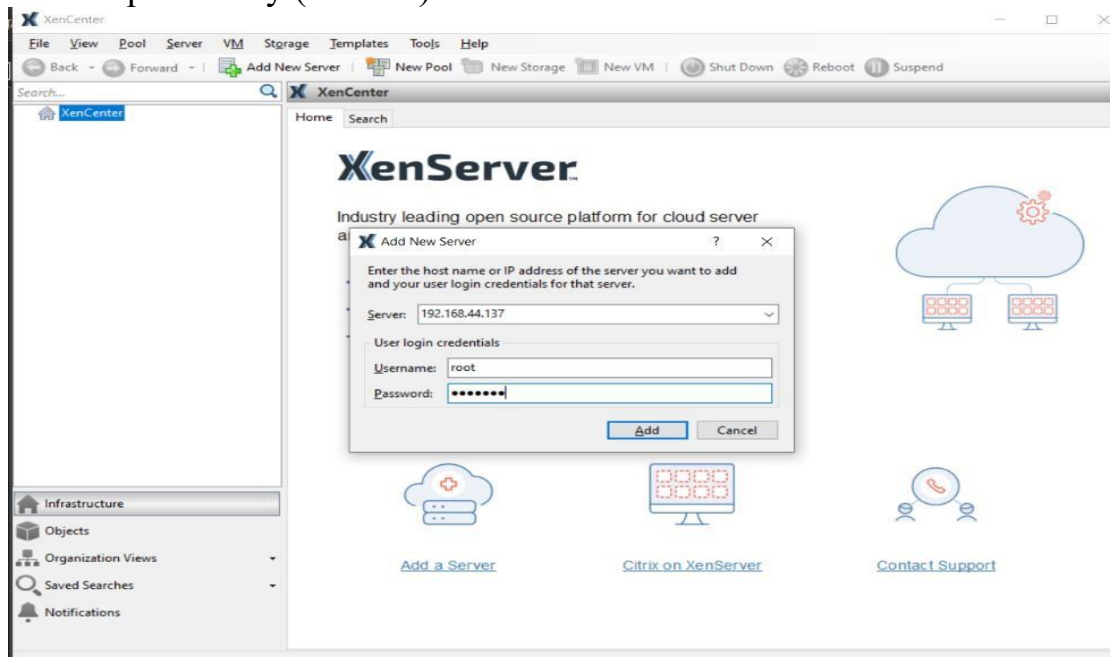Step26: Now Install the Xen center application.
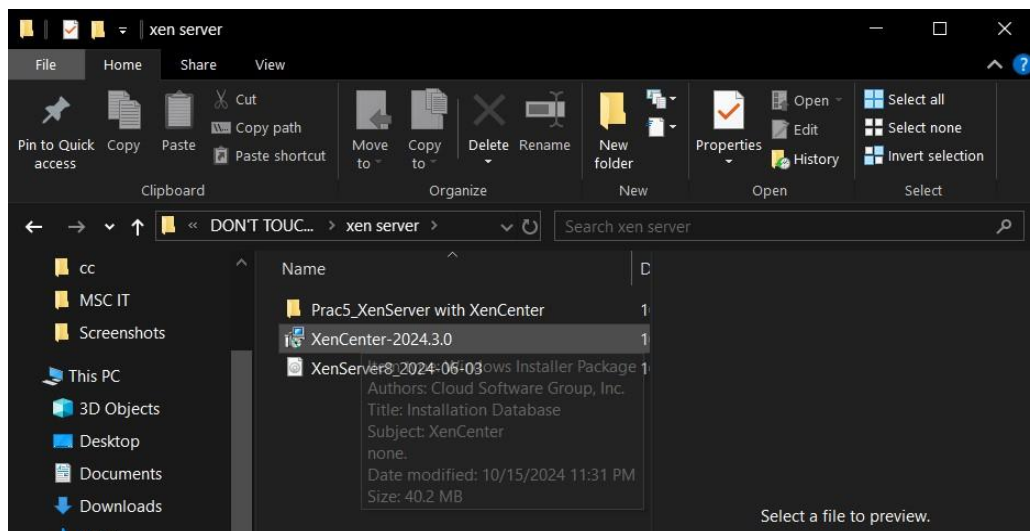
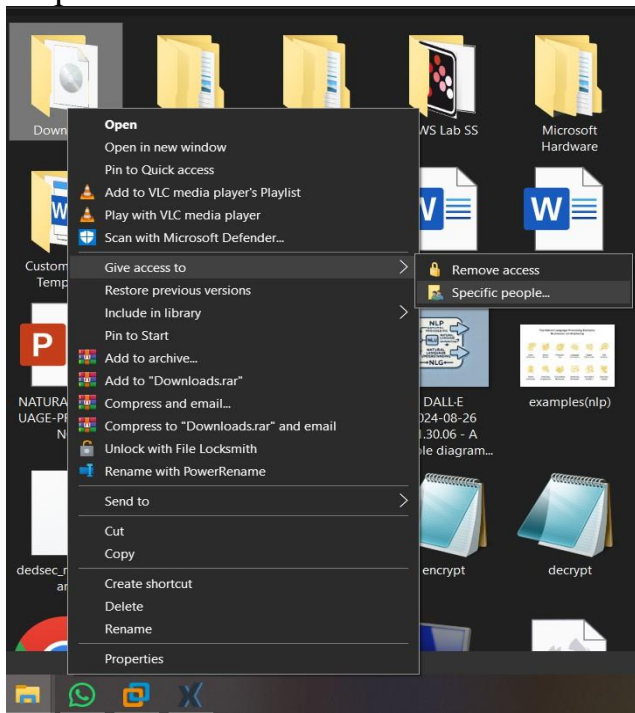Step27: Click on Next

Step28: Click on Install & then Next.
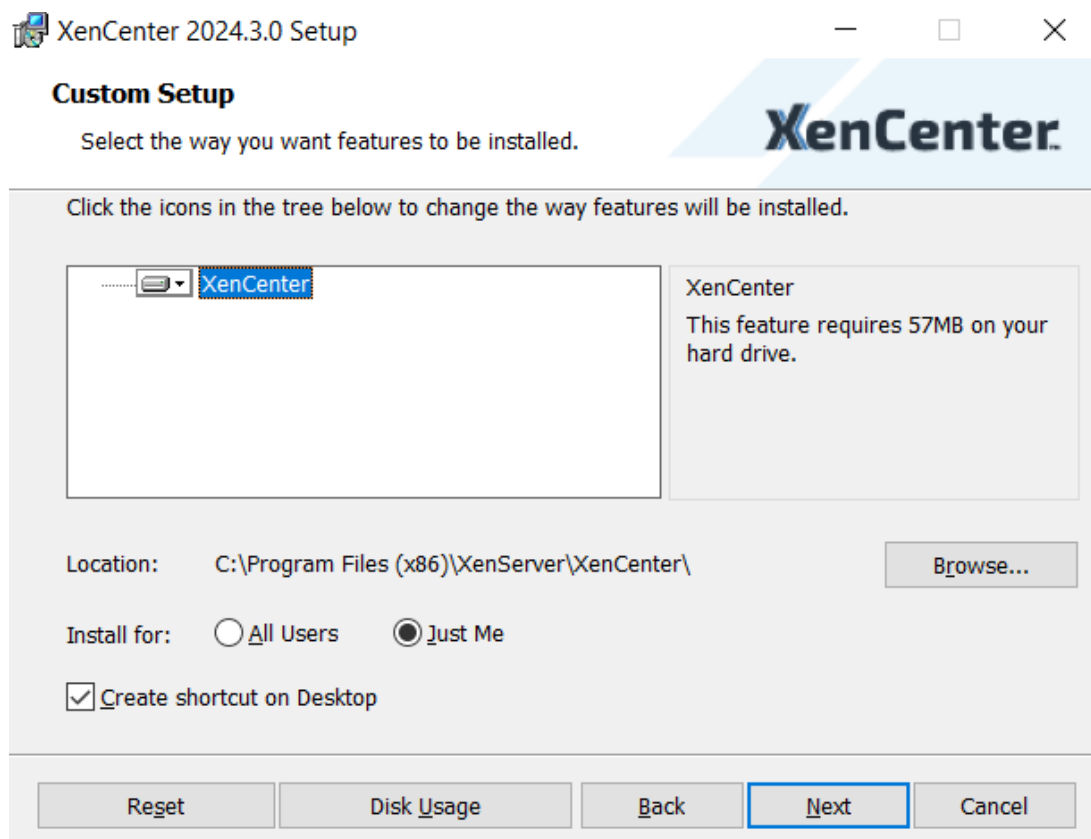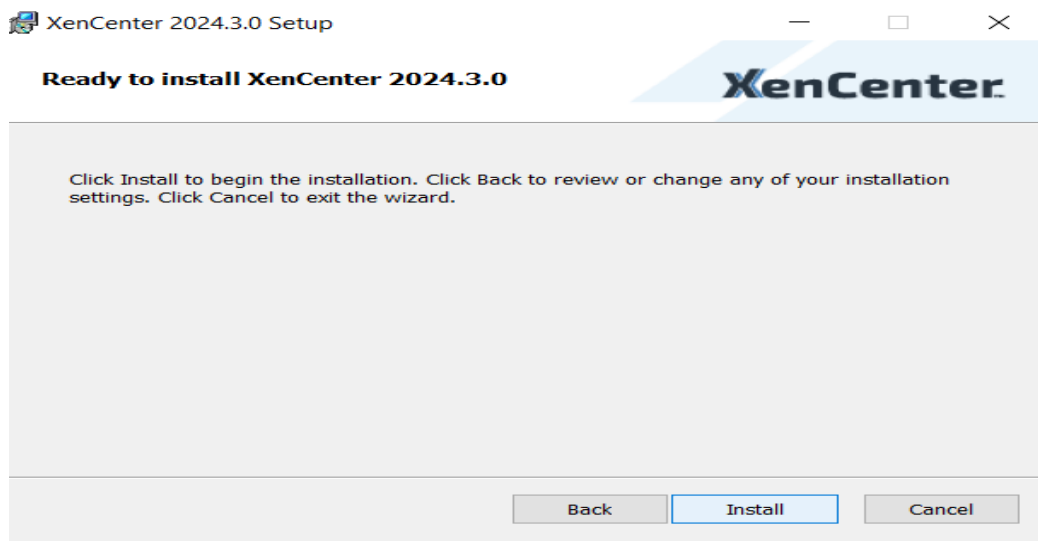
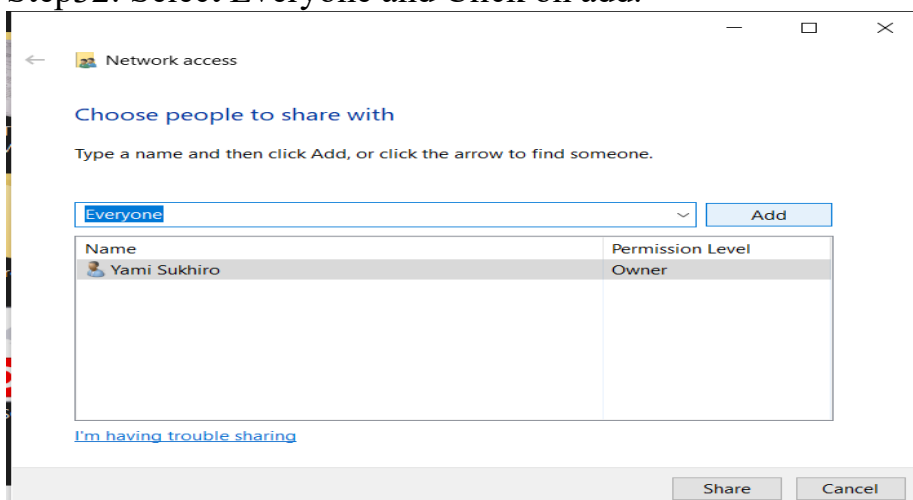Step29: Open the Xen Center app and Click on Add New Server

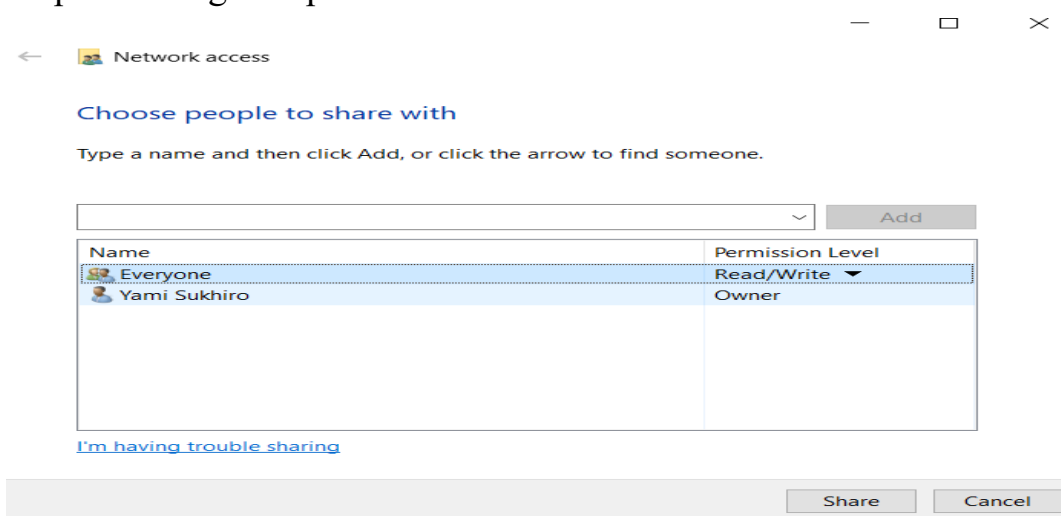Step30: Copy the Ip Address from the VMWare panel and put in 6-digit password which was set previously (123456).

Step31: In the Base Machine Share an Iso file of Windows server 2022 over network.
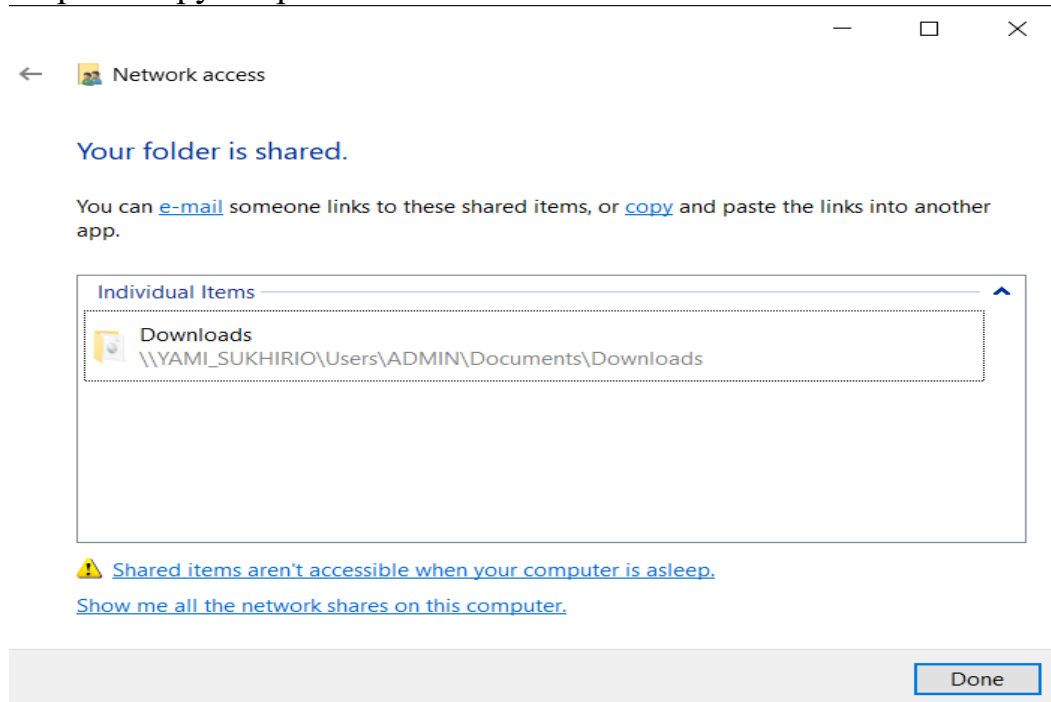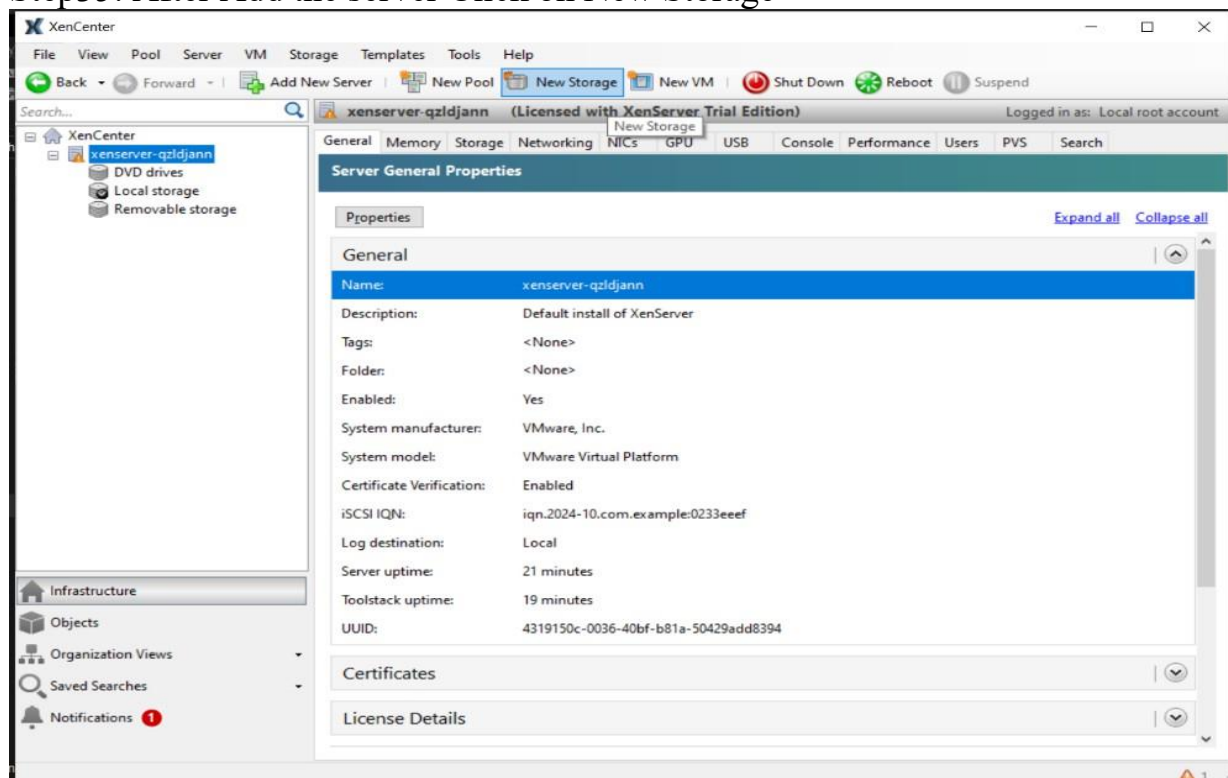

Step32: Select Everyone and Click on add.

Step33: Change the permission level to Read/Write and click on Share.

Step34: Copy the path.

Step35: After Add the server Click on New Storage

Step36: Select Windows File Sharing (SMB/CIFS) and NEXT
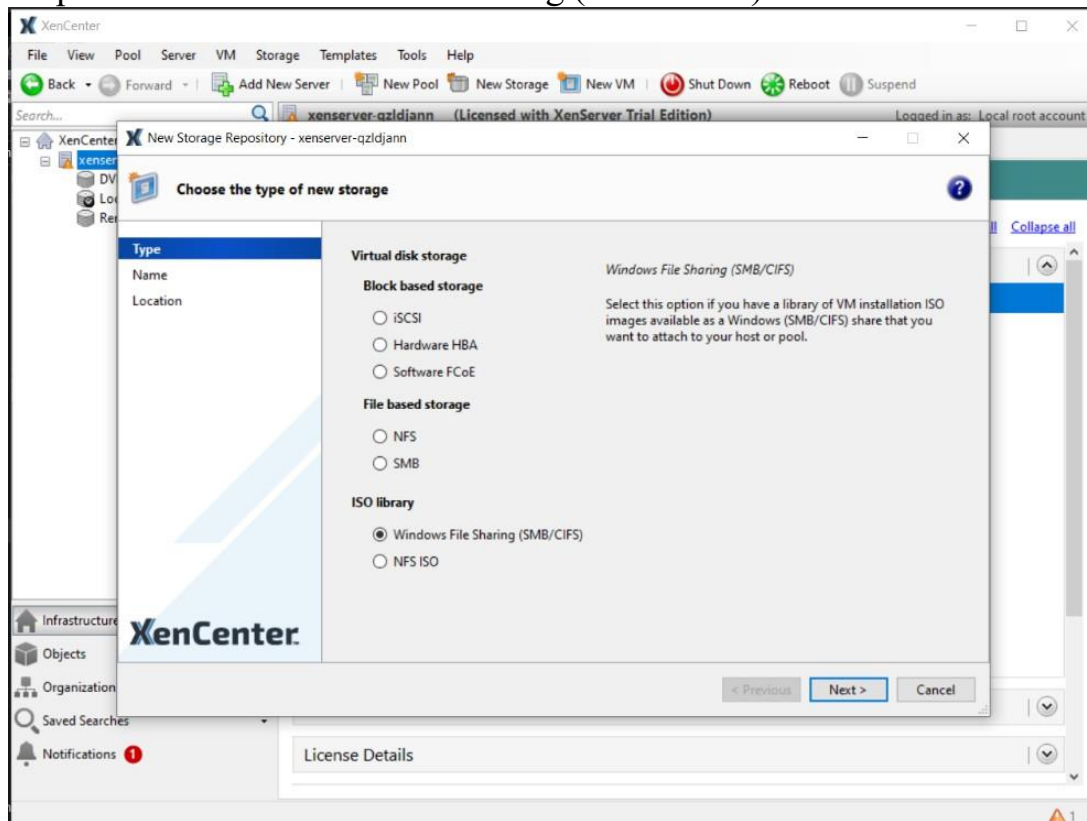
Step37: Change name to "PRACTICAL FILES" and NEXT
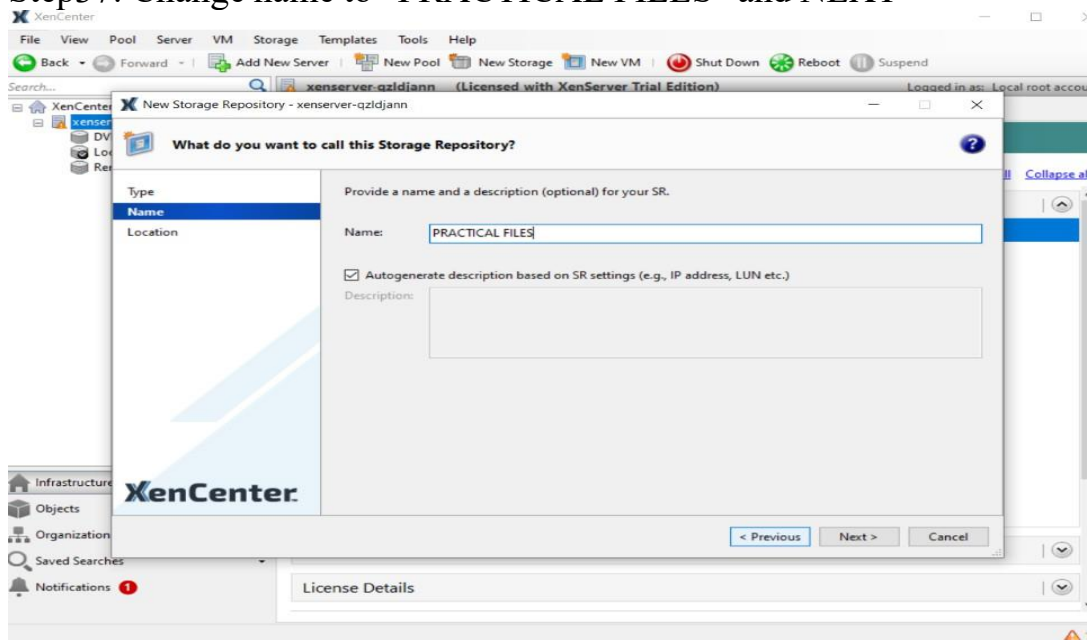
Step38: Paste the path of the file shared over the network.

(Remember file name should be written by \\Username\foldername\...)

eg: "\\Downloads\Windows_server2022"
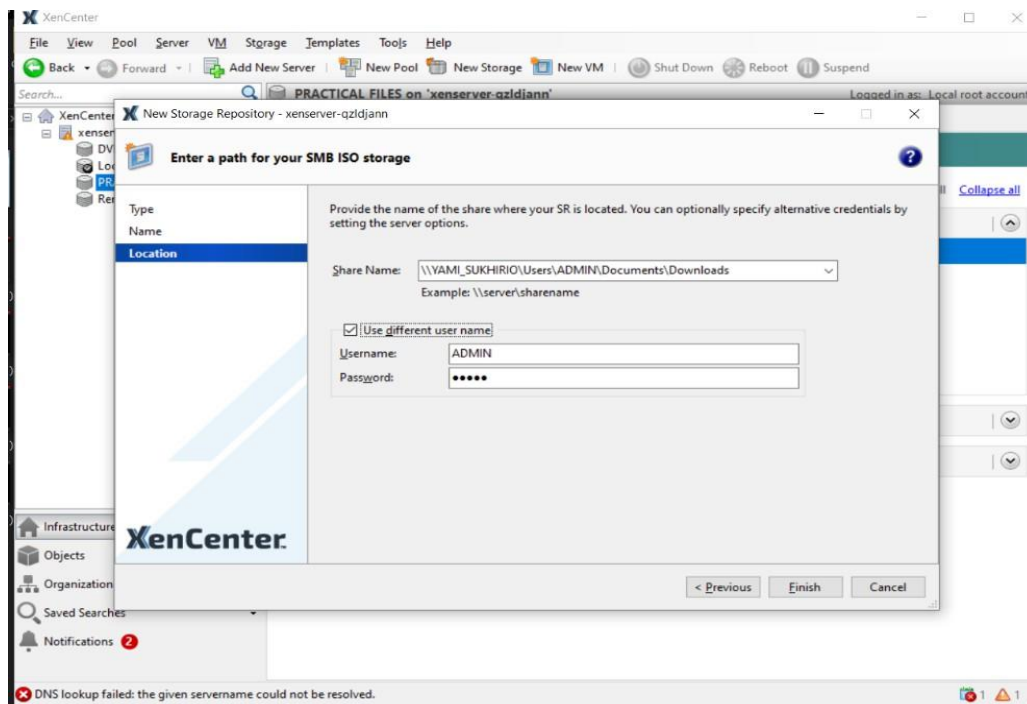
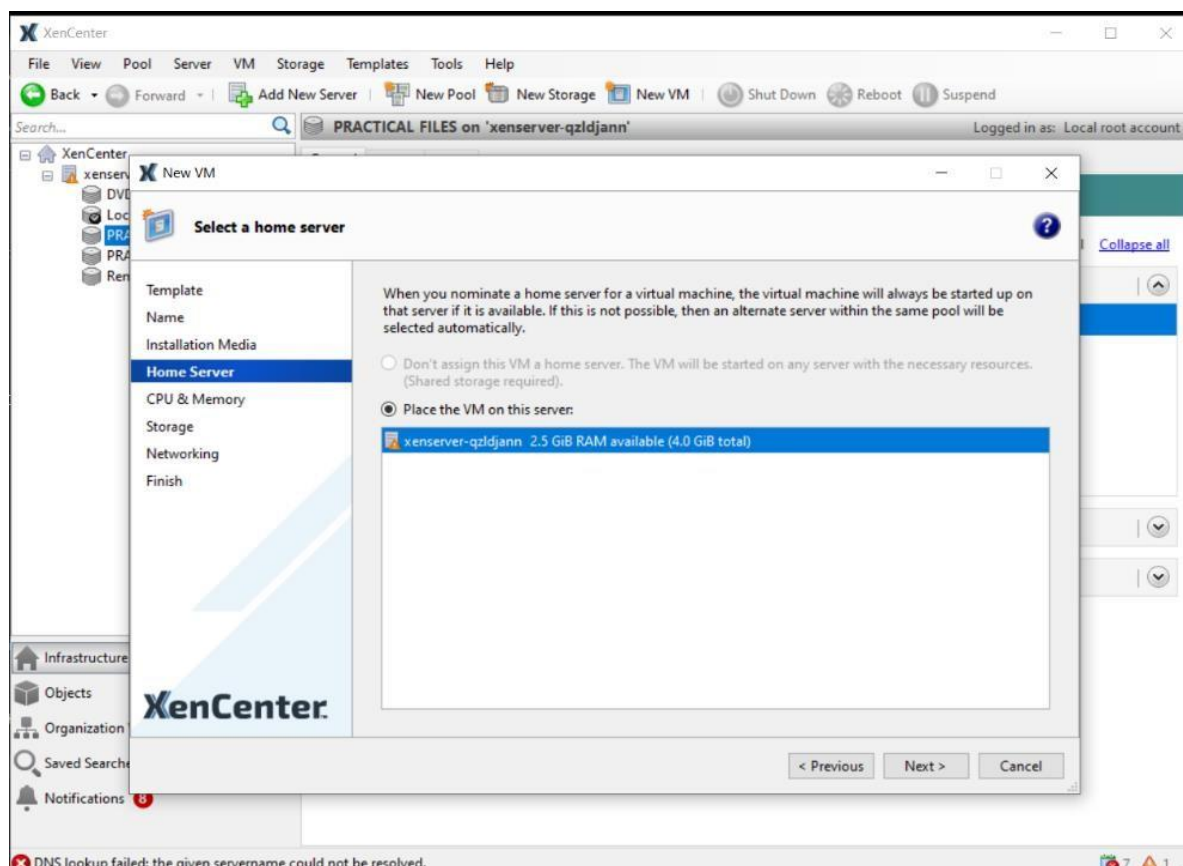Step39: After adding a New Storage Click on New VM And Select Windows Server 2022(64-bit)
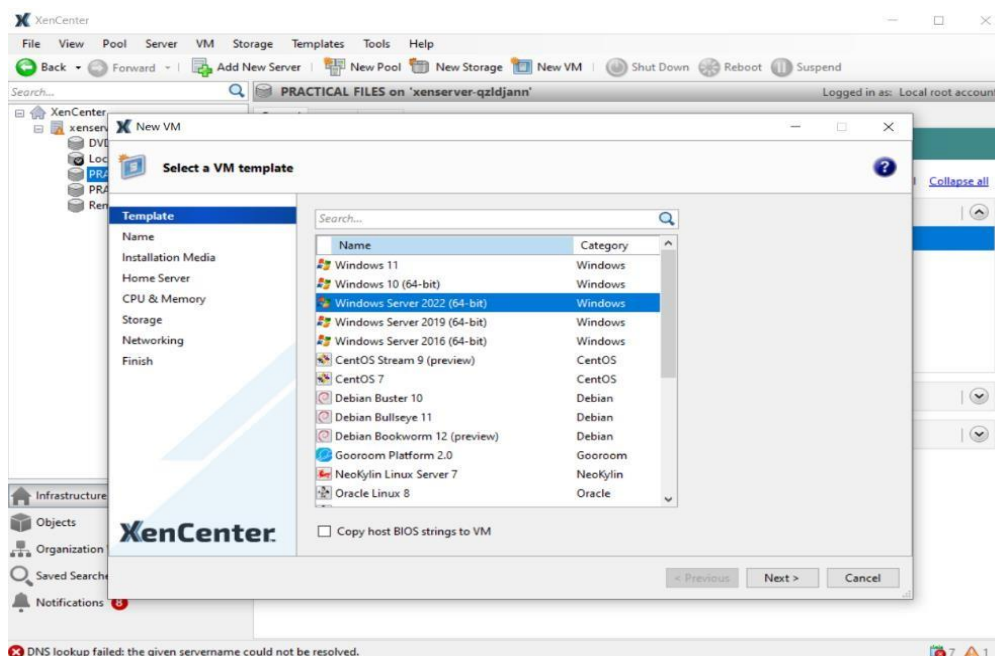
Step40: Select the ISO image which was shared over the network. -
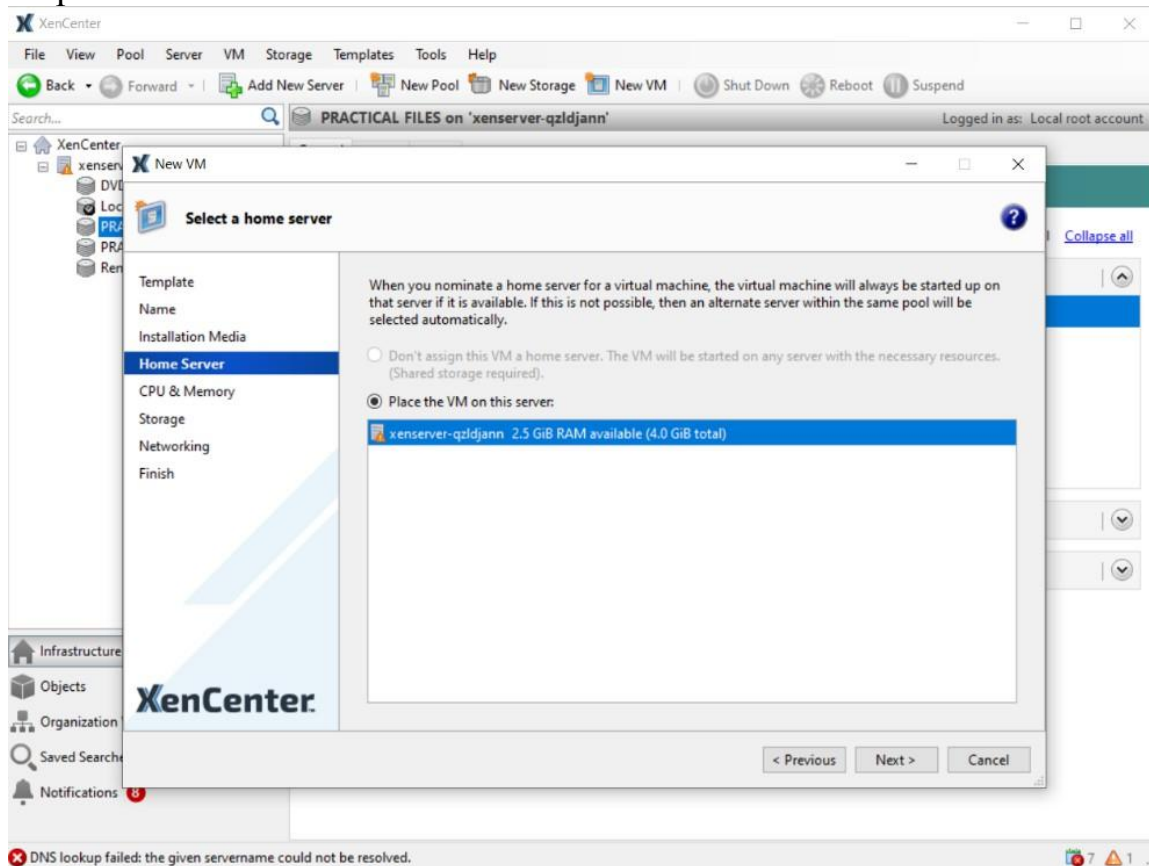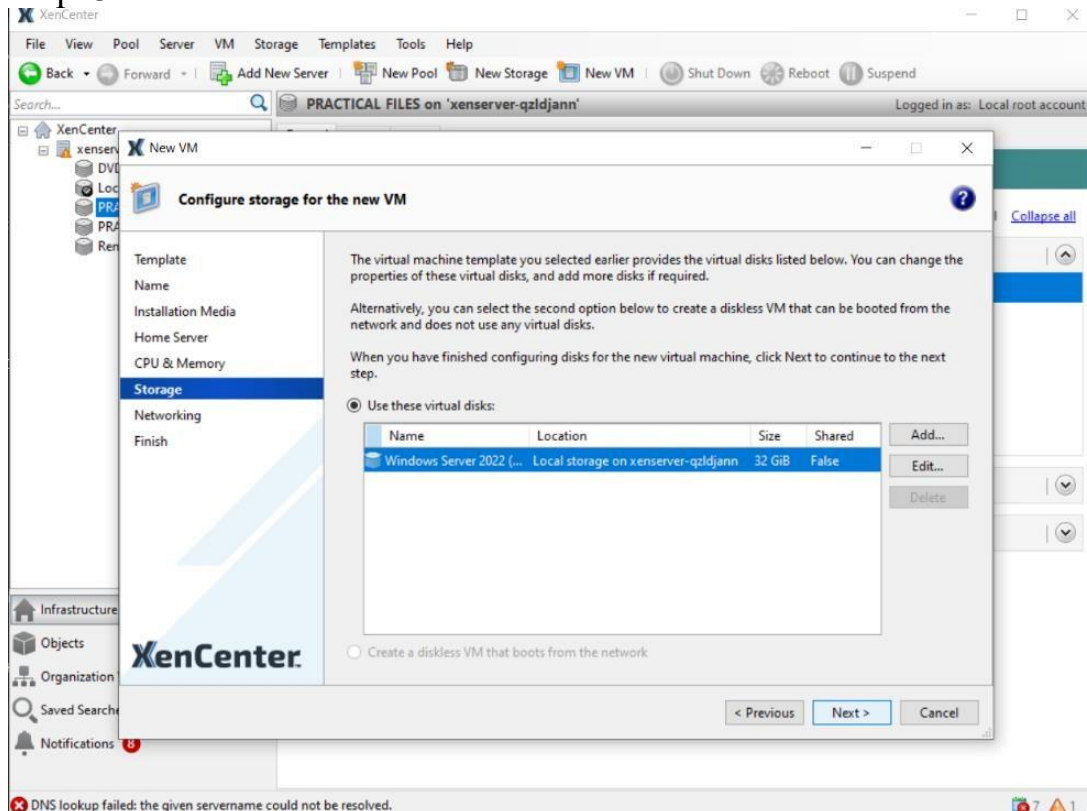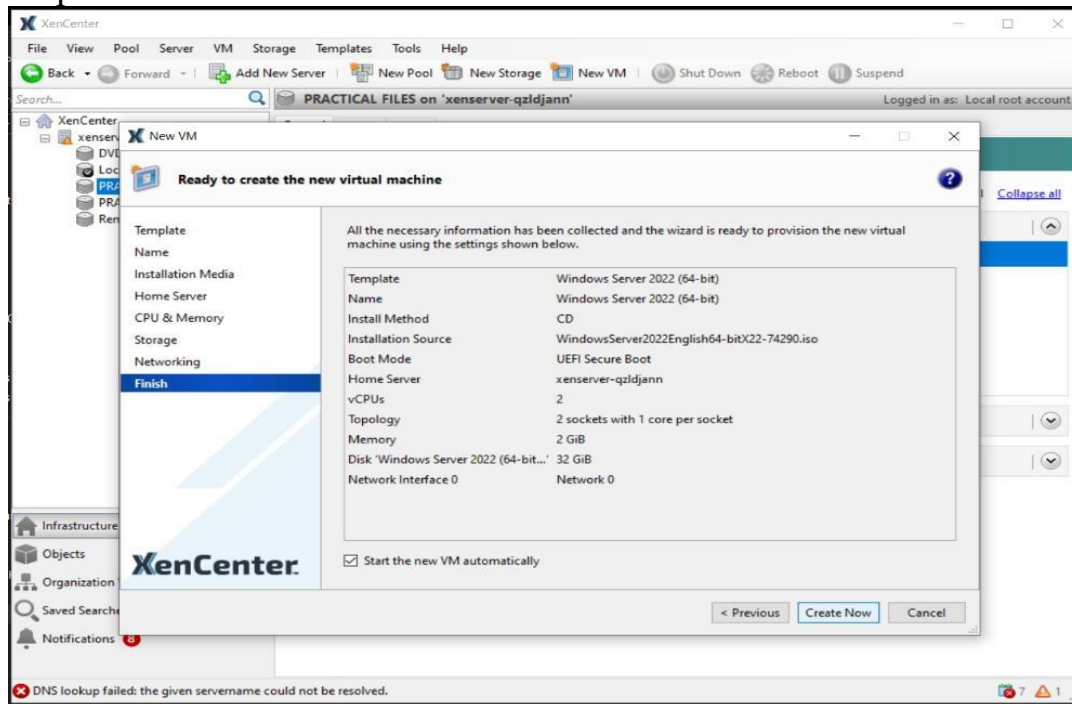WindowServer2022English64-bitX22-74290.ios
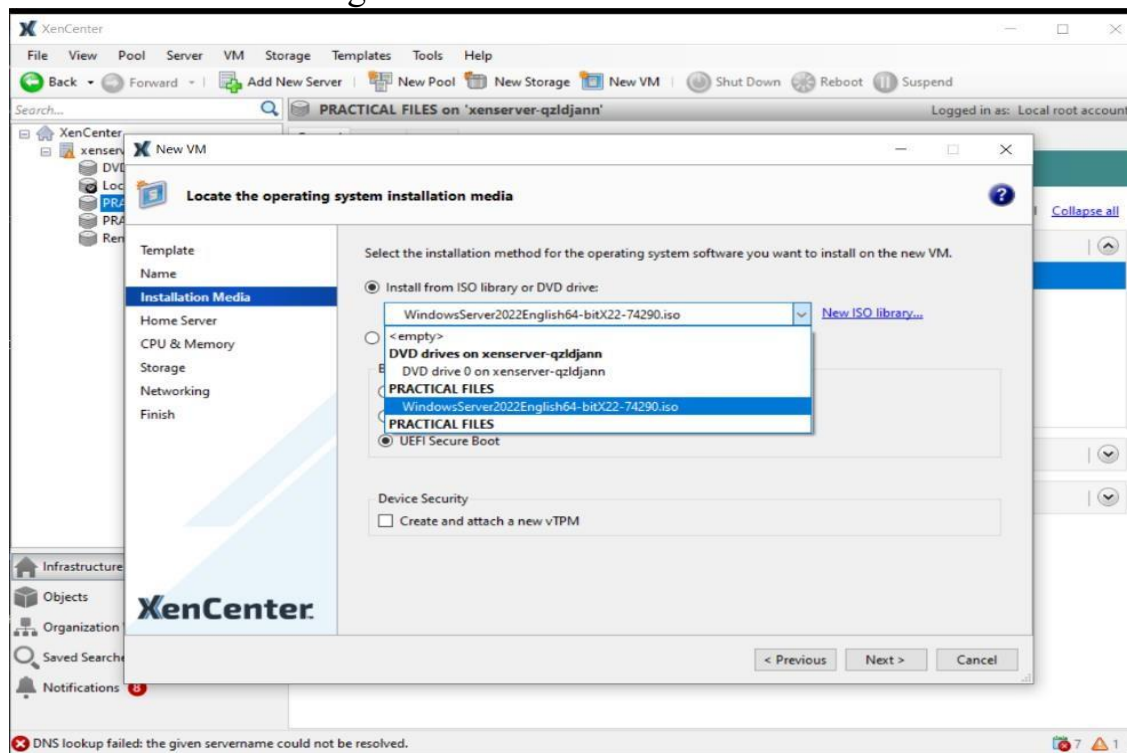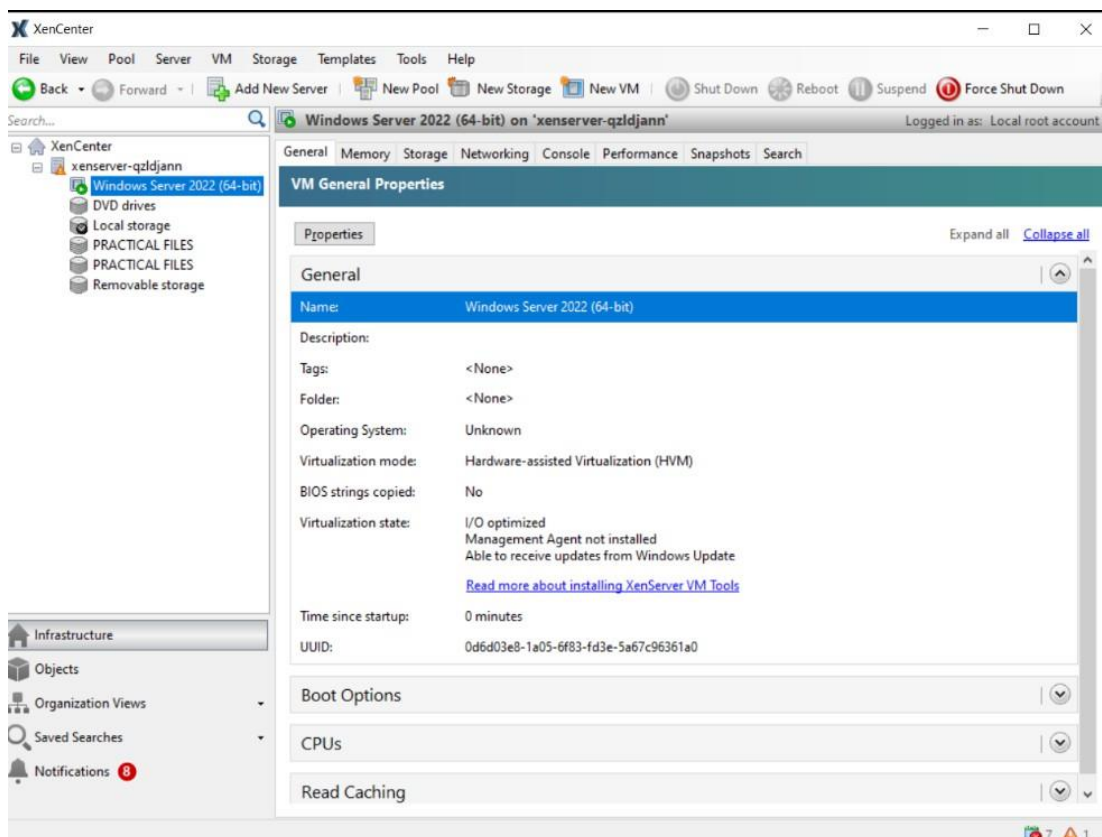

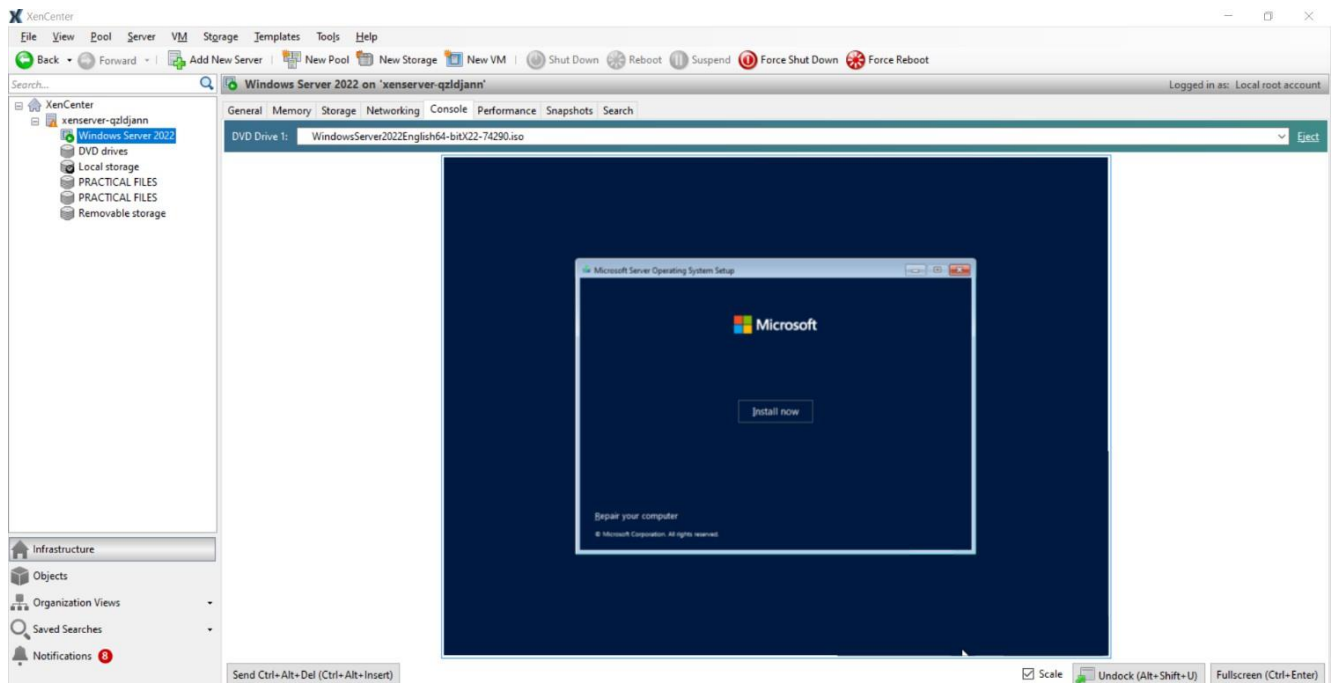Step41: Click on Next

Step42: Click on Next

Step43: Click on Next

Step44: Click on Create Now

Step46: Click on Windows Server 2022(64-bit) & Navigate to Console tab.

Step47: Click on Install

Step48: And Install Windows Server in Xen-Server