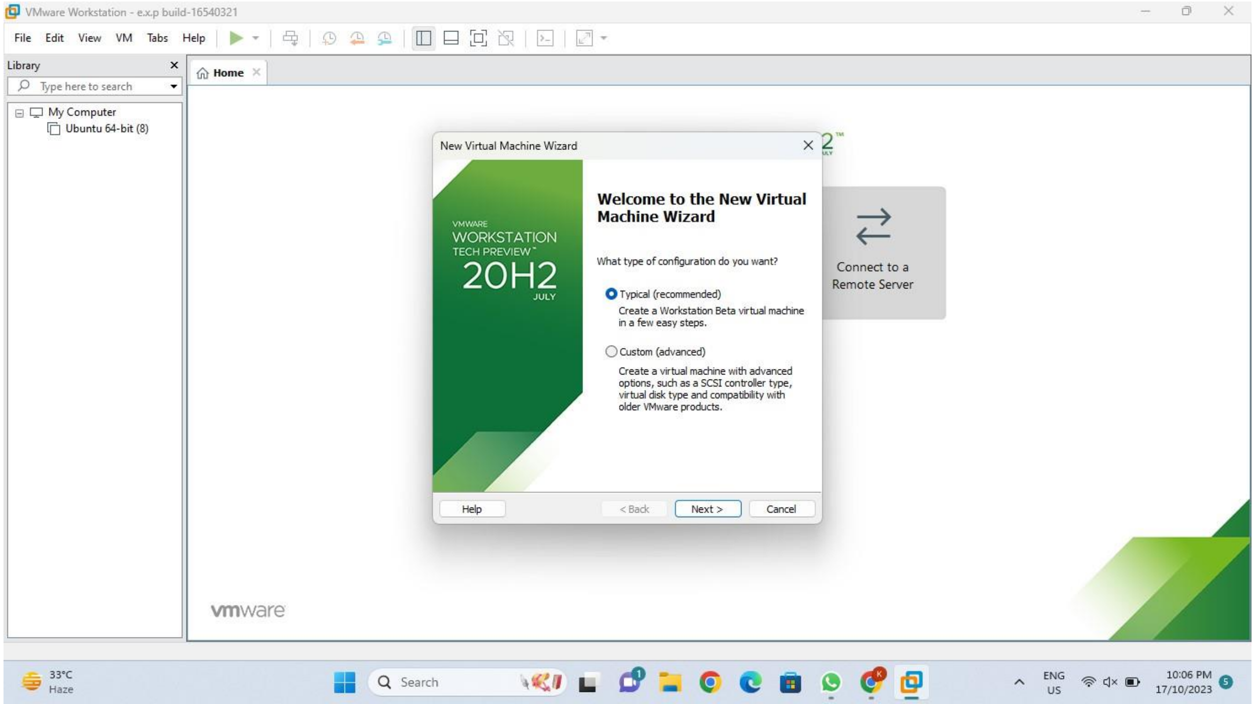
EXPERIMENT 10

Create a Cloning of a VM and Test it by loading the Previous Version/Cloned VM


VMware Workstation - e.x.p build-16540321
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Ubuntu 64-bit (8)
Home
VMWARE WORKSTATION TECH PREVIEW 20H2 JULY
Connect to a Remote Server
Help
< Back
Next >
Cancel
vmware
33°C Haze
Search
ENG US
10:06 PM 17/10/2023

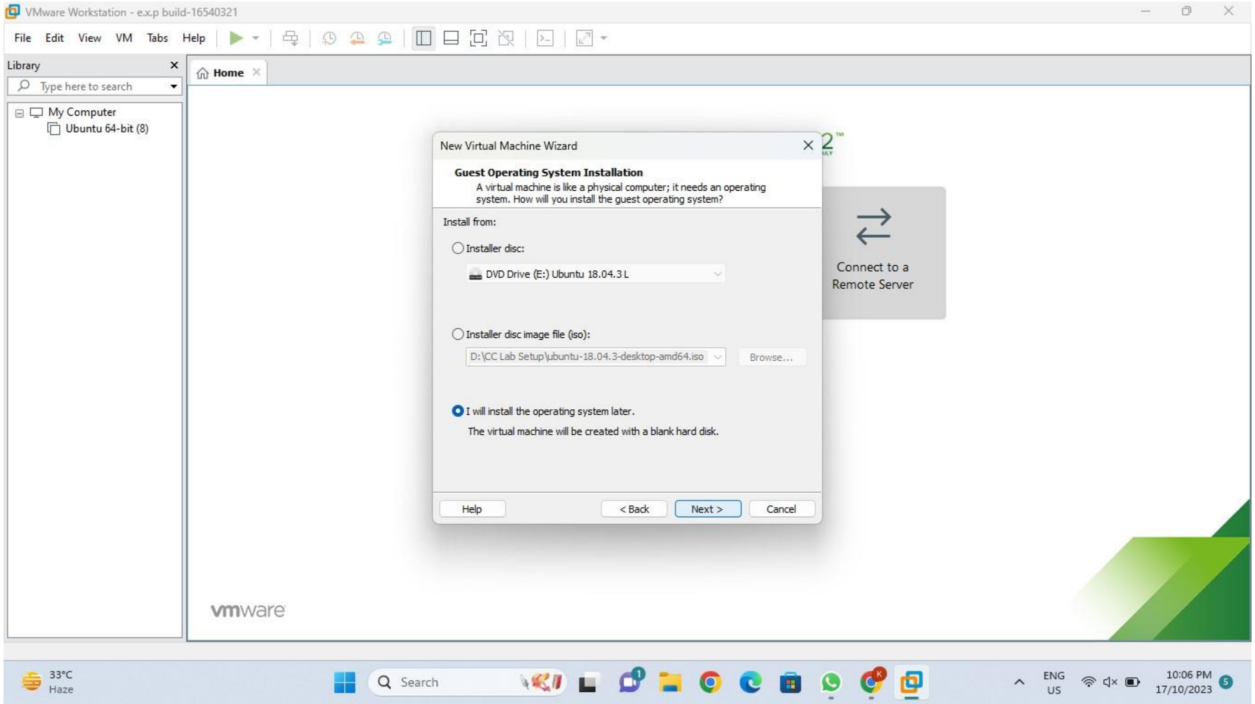
New Virtual Machine Wizard

Welcome to the New Virtual Machine Wizard

What type of configuration do you want?

● Typical (recommended)
Create a Workstation Beta virtual machine in a few easy steps.

○ Custom (advanced)
Create a virtual machine with advanced options, such as a SCSI controller type, virtual disk type and compatibility with older VMware products.


VMware Workstation - e.x.p build-16540321
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Ubuntu 64-bit (8)
Home
Connect to a Remote Server
Browse...
Help
< Back
Next >
Cancel
vmware
33°C Haze
Search
ENG US
10:06 PM 17/10/2023

New Virtual Machine Wizard

Guest Operating System Installation
A virtual machine is like a physical computer; it needs an operating system. How will you install the guest operating system?

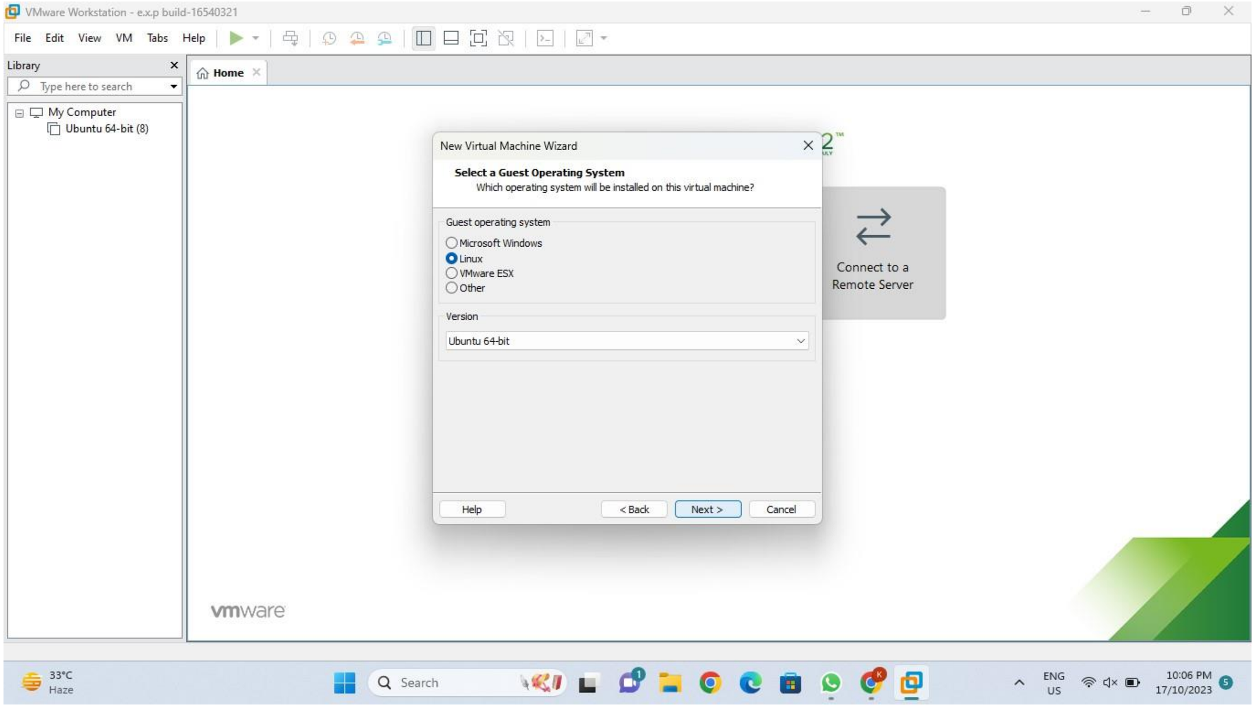
Install from:

○ Installer disc:
DVD Drive (E:) Ubuntu 18.04.3 L

○ Installer disc image file (iso):
D:\CC Lab Setup\ubuntu-18.04.3-desktop-amd64.iso

● I will install the operating system later.
The virtual machine will be created with a blank hard disk.

EXPERIMENT 10



VMware Workstation - e.x.p build-16540321
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Ubuntu 64-bit (8)
Home
Connect to a Remote Server
vmware

New Virtual Machine Wizard

Select a Guest Operating System

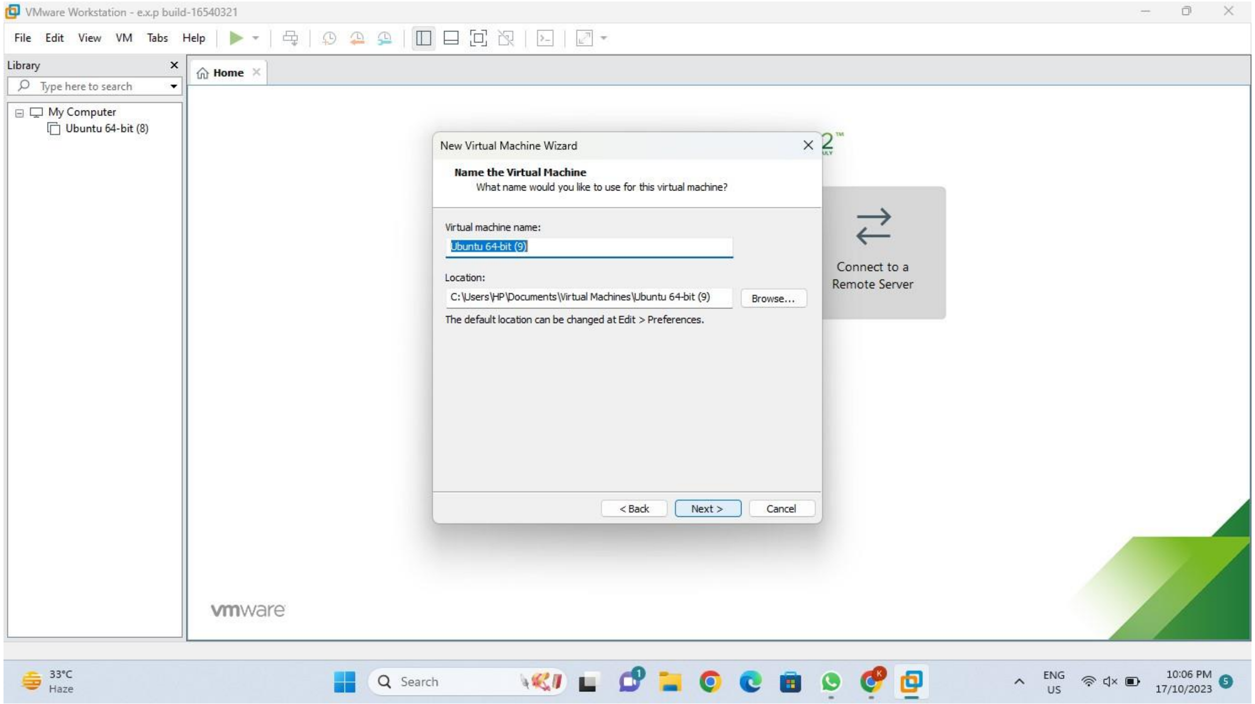
Which operating system will be installed on this virtual machine?

Guest operating system

○ Microsoft Windows
● Linux
○ VMware ESX
○ Other

Version: Ubuntu 64-bit

Help
< Back
Next >
Cancel



VMware Workstation - e.x.p build-16540321
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Ubuntu 64-bit (8)
Home
Connect to a Remote Server
vmware

New Virtual Machine Wizard

Name the Virtual Machine

What name would you like to use for this virtual machine?

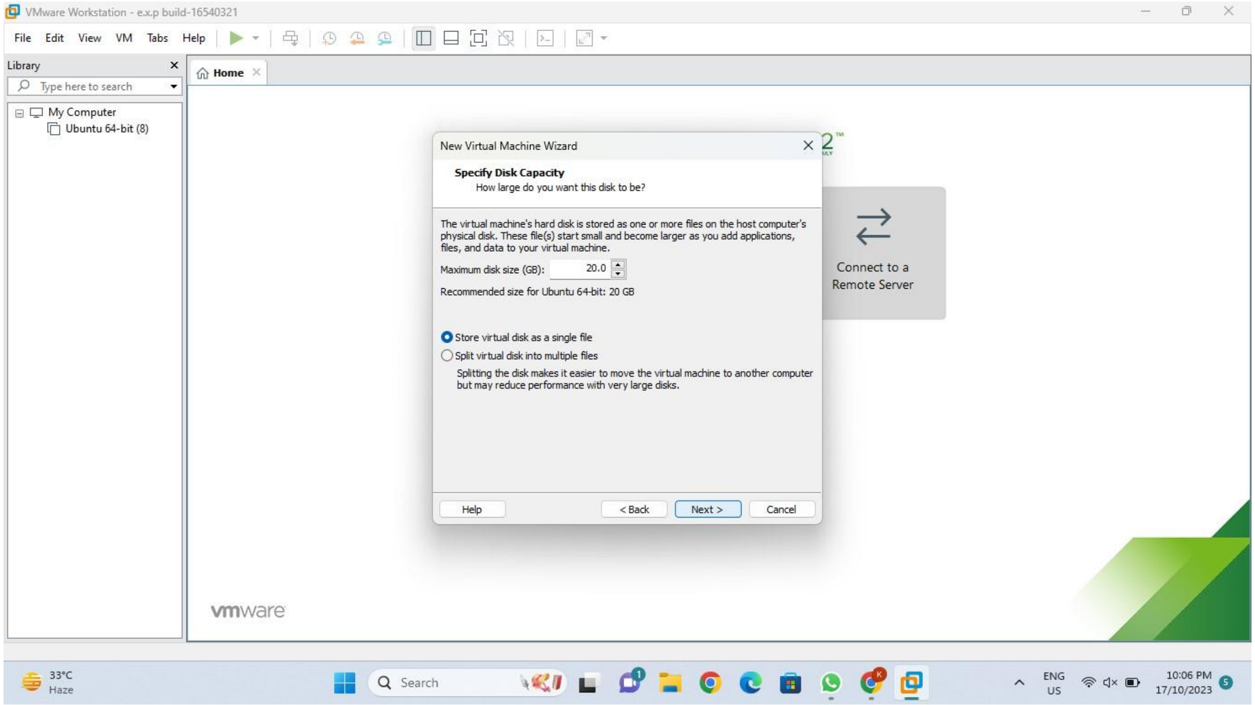
Virtual machine name: Ubuntu 64-bit (9)

Location: C:\Users\HP\Documents\Virtual Machines\Ubuntu 64-bit (9)

The default location can be changed at Edit > Preferences.

Browse...
< Back
Next >
Cancel

EXPERIMENT 10


VMware Workstation - e.x.p build-16540321
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Ubuntu 64-bit (8)
Home
Connect to a Remote Server
vmware
Help
< Back
Next >
Cancel
33°C Haze
Search
ENG US
10:06 PM 17/10/2023

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.

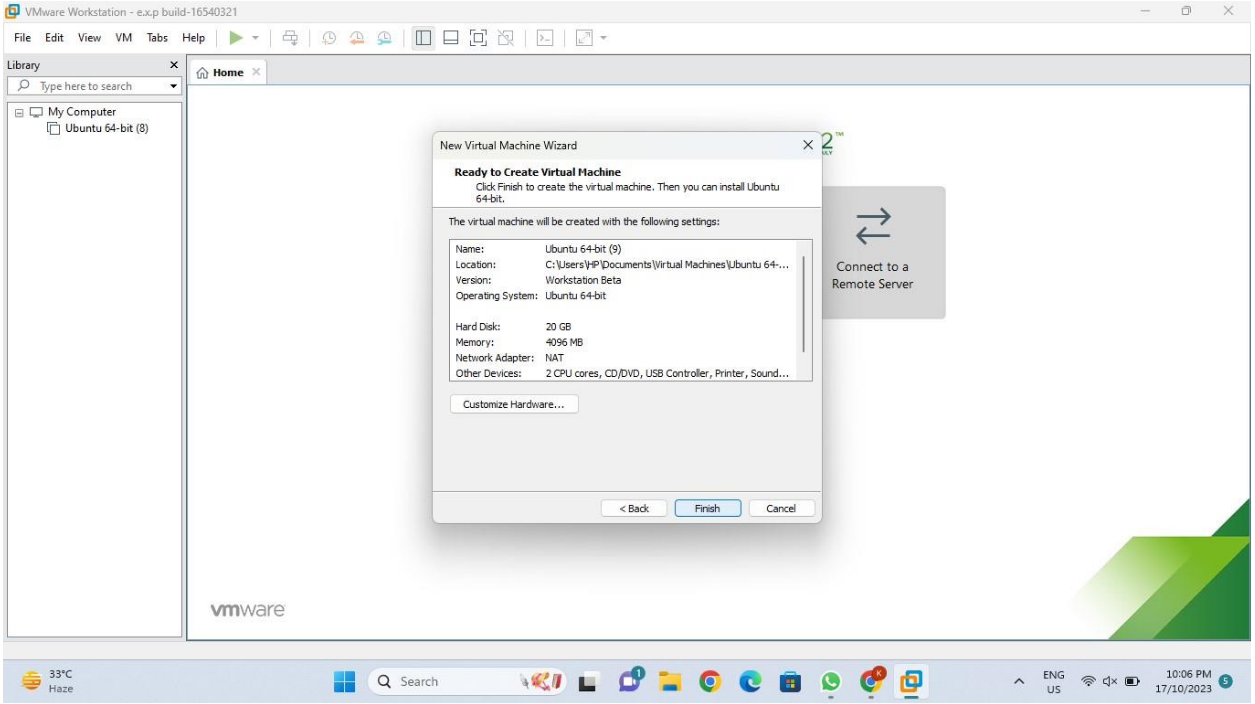
Maximum disk size (GB): 20.0

Recommended size for Ubuntu 64-bit: 20 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.


VMware Workstation - e.x.p build-16540321
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Ubuntu 64-bit (8)
Home
Connect to a Remote Server
vmware
Customize Hardware...
< Back
Finish
Cancel
33°C Haze
Search
ENG US
10:06 PM 17/10/2023

New Virtual Machine Wizard

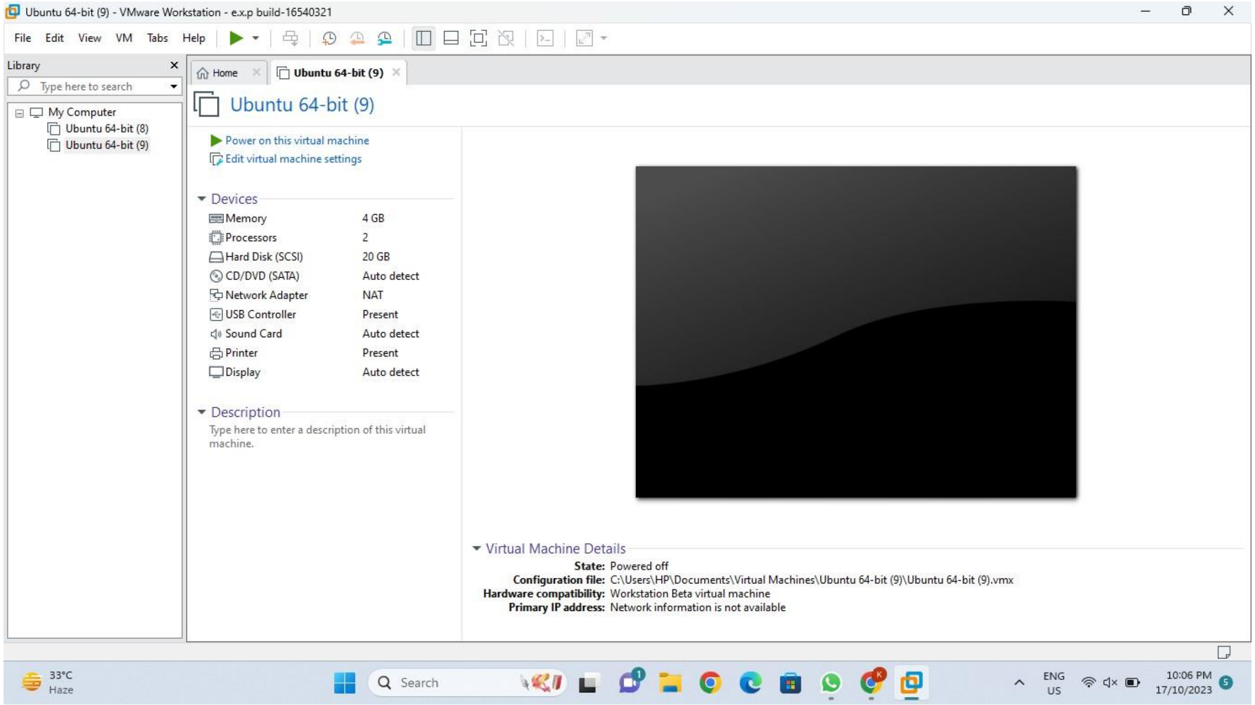
Ready to Create Virtual Machine

Click Finish to create the virtual machine. Then you can install Ubuntu 64-bit.

The virtual machine will be created with the following settings:

Name:	Ubuntu 64-bit (9)
Location:	C:\Users\HP\Documents\Virtual Machines\Ubuntu 64-...
Version:	Workstation Beta
Operating System:	Ubuntu 64-bit
Hard Disk:	20 GB
Memory:	4096 MB
Network Adapter:	NAT
Other Devices:	2 CPU cores, CD/DVD, USB Controller, Printer, Sound...

EXPERIMENT 10


Ubuntu 64-bit (9) - VMware Workstation - e.x.p build-16540321
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Ubuntu 64-bit (8)
Ubuntu 64-bit (9)
Home
Ubuntu 64-bit (9)
Power on this virtual machine
Edit virtual machine settings
Search
33°C
Haze
ENG
US
10:06 PM
17/10/2023

Ubuntu 64-bit (9)

Devices

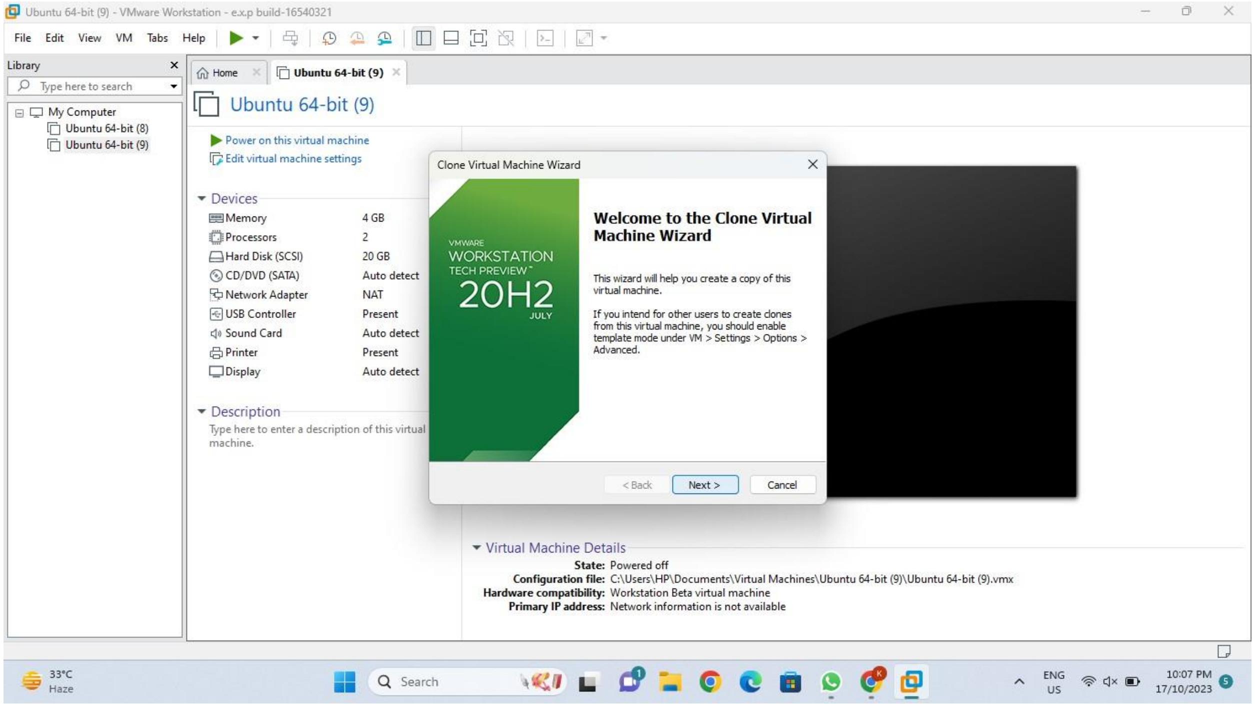
Memory	4 GB
Processors	2
Hard Disk (SCSI)	20 GB
CD/DVD (SATA)	Auto detect
Network Adapter	NAT
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect

Description

Type here to enter a description of this virtual machine.

Virtual Machine Details

State: Powered off
Configuration file: C:\Users\HP\Documents\Virtual Machines\Ubuntu 64-bit (9)\Ubuntu 64-bit (9).vmx
Hardware compatibility: Workstation Beta virtual machine
Primary IP address: Network information is not available


Ubuntu 64-bit (9) - VMware Workstation - e.x.p build-16540321
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Ubuntu 64-bit (8)
Ubuntu 64-bit (9)
Home
Ubuntu 64-bit (9)
Power on this virtual machine
Edit virtual machine settings
Clone Virtual Machine Wizard
VMWARE
WORKSTATION
TECH PREVIEW
20H2
JULY
< Back
Next >
Cancel
Search
33°C
Haze
ENG
US
10:07 PM
17/10/2023

Welcome to the Clone Virtual Machine Wizard

This wizard will help you create a copy of this virtual machine.

If you intend for other users to create clones from this virtual machine, you should enable template mode under VM > Settings > Options > Advanced.

Devices

Memory	4 GB
Processors	2
Hard Disk (SCSI)	20 GB
CD/DVD (SATA)	Auto detect
Network Adapter	NAT
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect

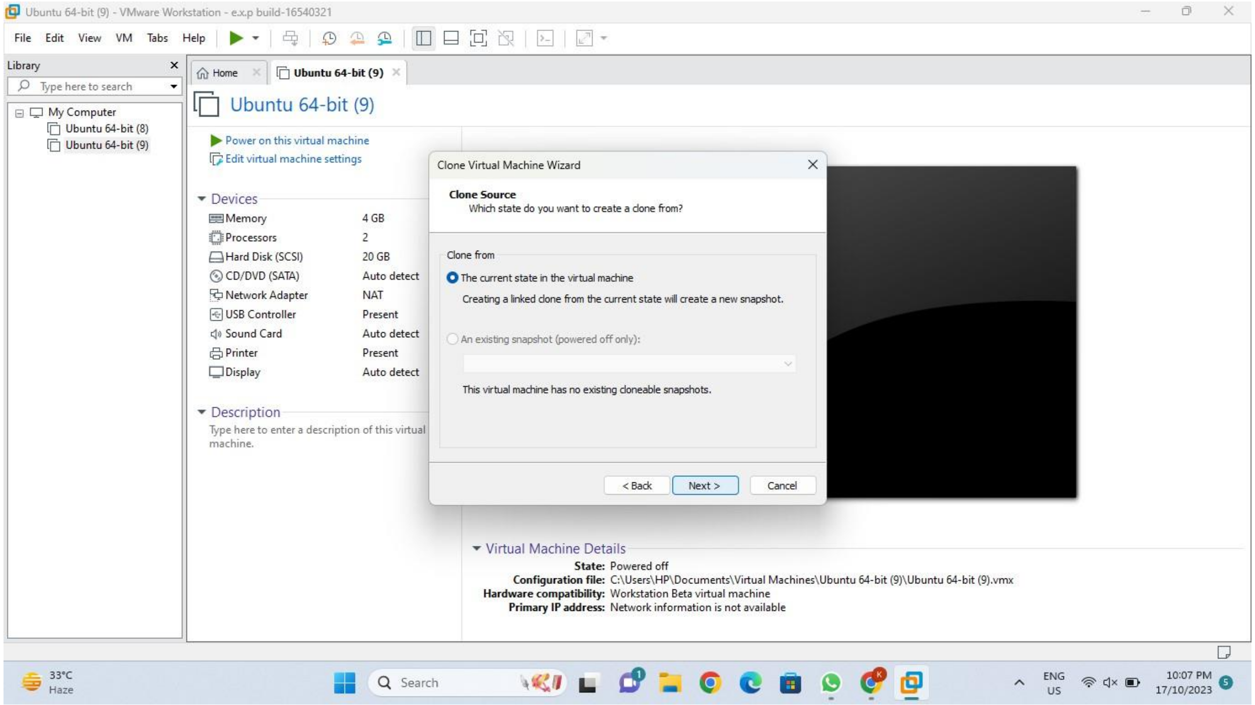
Description

Type here to enter a description of this virtual machine.

Virtual Machine Details

State: Powered off
Configuration file: C:\Users\HP\Documents\Virtual Machines\Ubuntu 64-bit (9)\Ubuntu 64-bit (9).vmx
Hardware compatibility: Workstation Beta virtual machine
Primary IP address: Network information is not available

EXPERIMENT 10


Ubuntu 64-bit (9) - VMware Workstation - e.x.p build-16540321
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Ubuntu 64-bit (8)
Ubuntu 64-bit (9)
Home
Ubuntu 64-bit (9)
Power on this virtual machine
Edit virtual machine settings
< Back
Next >
Cancel
33°C
Haze
Search
ENG
US
10:07 PM
17/10/2023

Ubuntu 64-bit (9)

Devices

Memory	4 GB
Processors	2
Hard Disk (SCSI)	20 GB
CD/DVD (SATA)	Auto detect
Network Adapter	NAT
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect

Description

Type here to enter a description of this virtual machine.

Clone Virtual Machine Wizard

Clone Source
Which state do you want to create a clone from?

Clone from

● The current state in the virtual machine

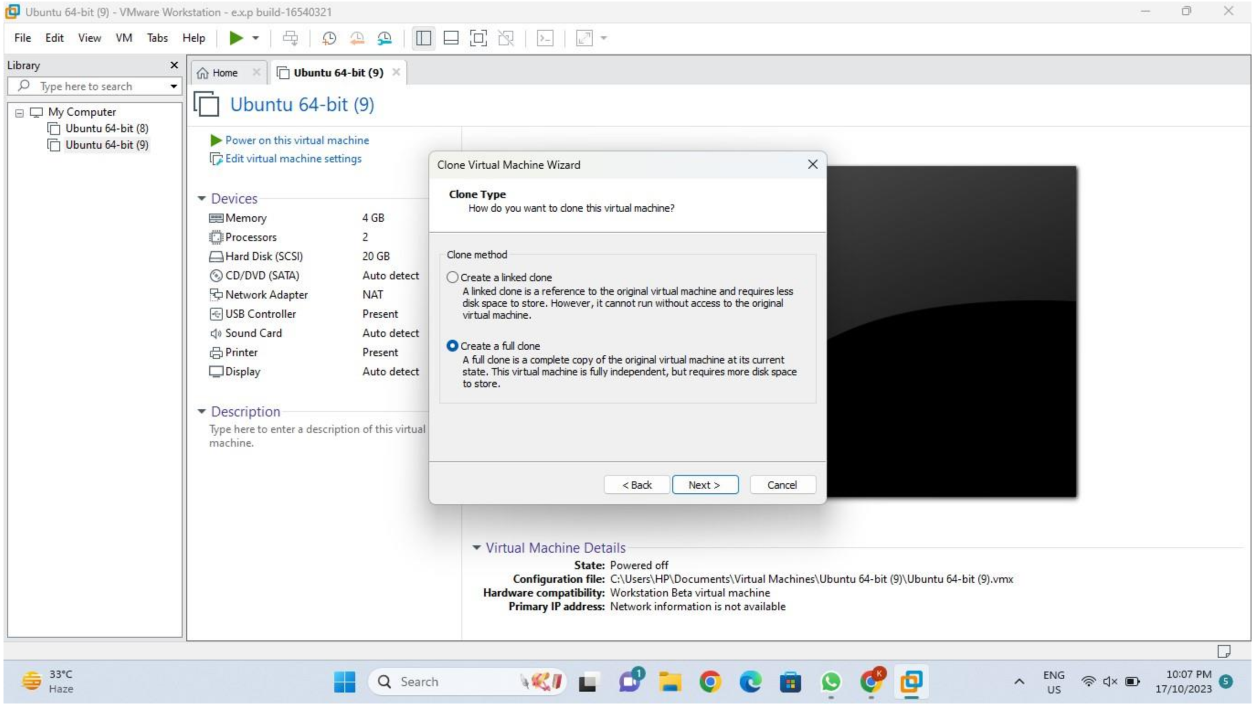
Creating a linked clone from the current state will create a new snapshot.

○ An existing snapshot (powered off only):

This virtual machine has no existing cloneable snapshots.

Virtual Machine Details

State: Powered off
Configuration file: C:\Users\HP\Documents\Virtual Machines\Ubuntu 64-bit (9)\Ubuntu 64-bit (9).vmx
Hardware compatibility: Workstation Beta virtual machine
Primary IP address: Network information is not available


Ubuntu 64-bit (9) - VMware Workstation - e.x.p build-16540321
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Ubuntu 64-bit (8)
Ubuntu 64-bit (9)
Home
Ubuntu 64-bit (9)
Power on this virtual machine
Edit virtual machine settings
< Back
Next >
Cancel
33°C
Haze
Search
ENG
US
10:07 PM
17/10/2023

Ubuntu 64-bit (9)

Devices

Memory	4 GB
Processors	2
Hard Disk (SCSI)	20 GB
CD/DVD (SATA)	Auto detect
Network Adapter	NAT
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect

Description

Type here to enter a description of this virtual machine.

Clone Virtual Machine Wizard

Clone Type
How do you want to clone this virtual machine?

Clone method

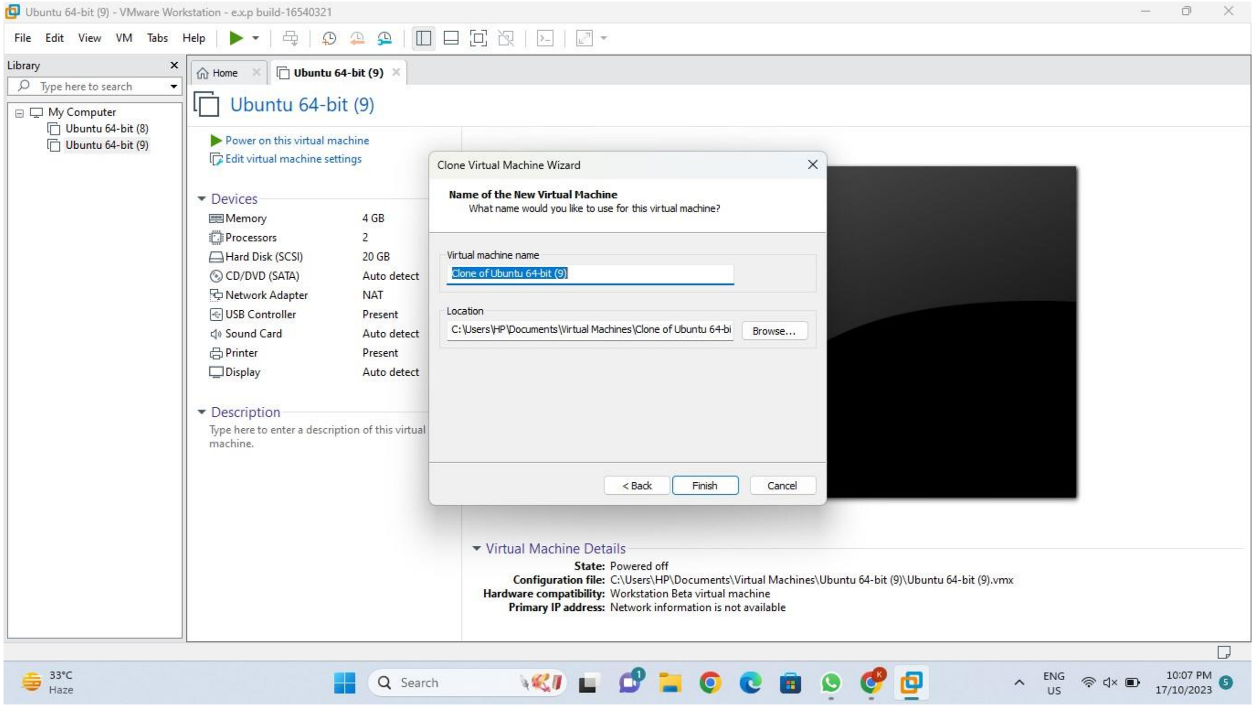
○ Create a linked clone
A linked clone is a reference to the original virtual machine and requires less disk space to store. However, it cannot run without access to the original virtual machine.

● Create a full clone
A full clone is a complete copy of the original virtual machine at its current state. This virtual machine is fully independent, but requires more disk space to store.

Virtual Machine Details

State: Powered off
Configuration file: C:\Users\HP\Documents\Virtual Machines\Ubuntu 64-bit (9)\Ubuntu 64-bit (9).vmx
Hardware compatibility: Workstation Beta virtual machine
Primary IP address: Network information is not available

EXPERIMENT 10


Ubuntu 64-bit (9) - VMware Workstation - e.x.p build-16540321
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Ubuntu 64-bit (8)
Ubuntu 64-bit (9)
Home
Ubuntu 64-bit (9)
Power on this virtual machine
Edit virtual machine settings
< Back
Finish
Cancel
Browse...
33°C Haze
Search
ENG US
10:07 PM 17/10/2023

Ubuntu 64-bit (9)

Devices

Memory	4 GB
Processors	2
Hard Disk (SCSI)	20 GB
CD/DVD (SATA)	Auto detect
Network Adapter	NAT
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect

Description

Type here to enter a description of this virtual machine.

Clone Virtual Machine Wizard

Name of the New Virtual Machine

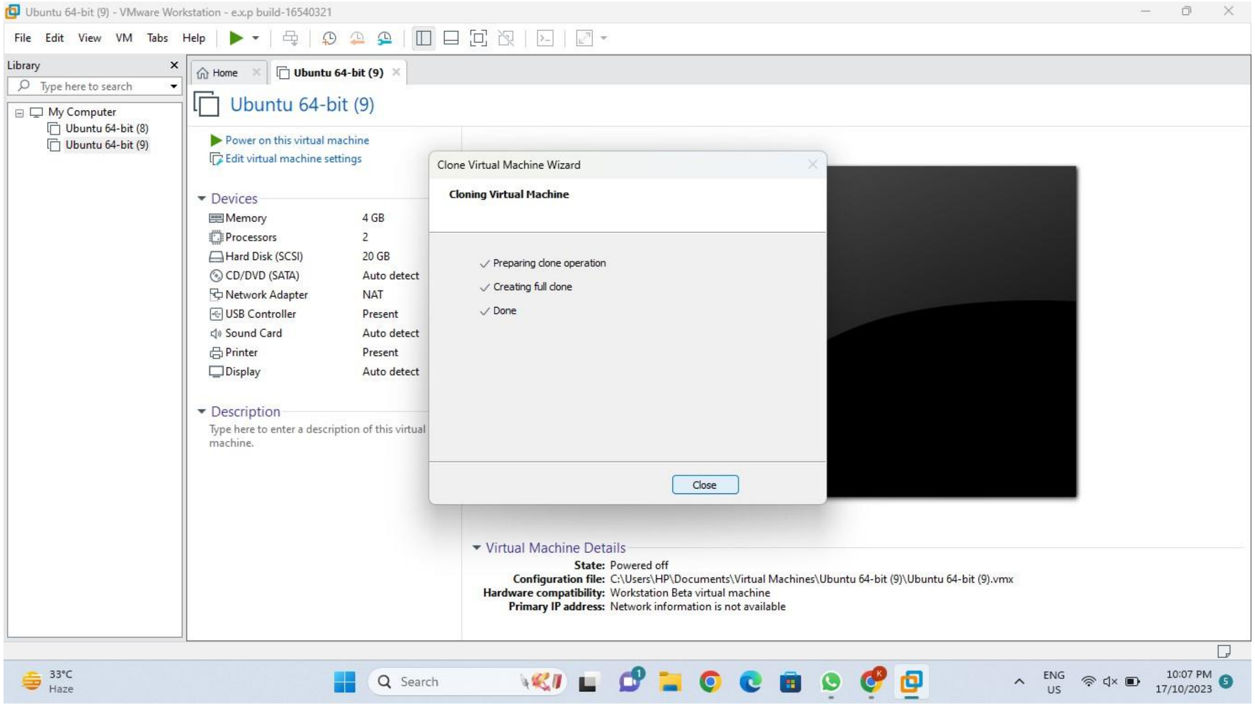
What name would you like to use for this virtual machine?

Virtual machine name: Clone of Ubuntu 64-bit (9)

Location: C:\Users\HP\Documents\Virtual Machines\Clone of Ubuntu 64-bi

Virtual Machine Details

State: Powered off
Configuration file: C:\Users\HP\Documents\Virtual Machines\Ubuntu 64-bit (9)\Ubuntu 64-bit (9).vmx
Hardware compatibility: Workstation Beta virtual machine
Primary IP address: Network information is not available


Ubuntu 64-bit (9) - VMware Workstation - e.x.p build-16540321
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Ubuntu 64-bit (8)
Ubuntu 64-bit (9)
Home
Ubuntu 64-bit (9)
Power on this virtual machine
Edit virtual machine settings
Close
33°C Haze
Search
ENG US
10:07 PM 17/10/2023

Ubuntu 64-bit (9)

Devices

Memory	4 GB
Processors	2
Hard Disk (SCSI)	20 GB
CD/DVD (SATA)	Auto detect
Network Adapter	NAT
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect

Description

Type here to enter a description of this virtual machine.

Clone Virtual Machine Wizard

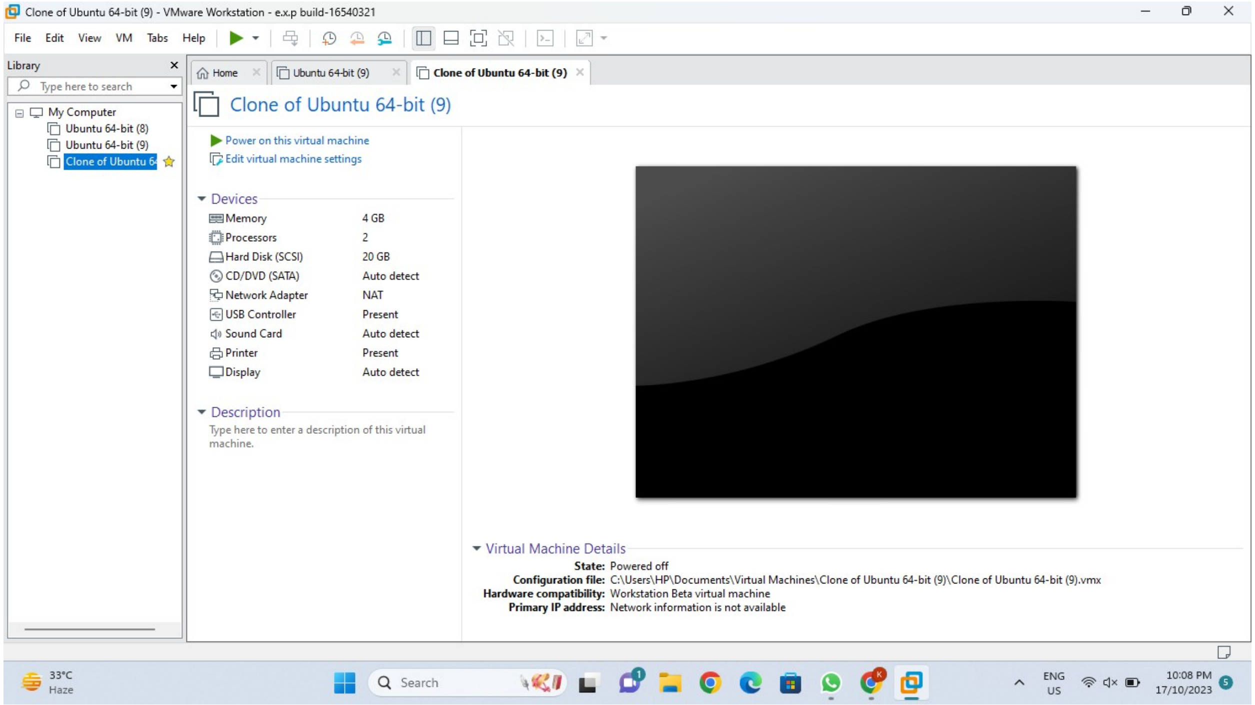
Cloning Virtual Machine

✓ Preparing clone operation
✓ Creating full clone
✓ Done

Virtual Machine Details

State: Powered off
Configuration file: C:\Users\HP\Documents\Virtual Machines\Ubuntu 64-bit (9)\Ubuntu 64-bit (9).vmx
Hardware compatibility: Workstation Beta virtual machine
Primary IP address: Network information is not available

EXPERIMENT 10


Clone of Ubuntu 64-bit (9) - VMware Workstation - e.x.p build-16540321
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Ubuntu 64-bit (8)
Ubuntu 64-bit (9)
Clone of Ubuntu 64
Home
Ubuntu 64-bit (9)
Clone of Ubuntu 64-bit (9)
Power on this virtual machine
Edit virtual machine settings
Description
Type here to enter a description of this virtual machine.
33°C
Haze
Search
ENG
US
10:08 PM
17/10/2023

Clone of Ubuntu 64-bit (9)

Devices

Memory	4 GB
Processors	2
Hard Disk (SCSI)	20 GB
CD/DVD (SATA)	Auto detect
Network Adapter	NAT
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect

Virtual Machine Details

State: Powered off
Configuration file: C:\Users\HP\Documents\Virtual Machines\Clone of Ubuntu 64-bit (9)\Clone of Ubuntu 64-bit (9).vmx
Hardware compatibility: Workstation Beta virtual machine
Primary IP address: Network information is not available