TASK 5

Create the following Guest OS :

Each Guest should have 2 storage

HDD1: 20G

HDD2: 10G

RAM : Depending on the Guest

CPU : 1 Core

Assign hostname:>

pc1.kochi.ibm.com :CentOS7.5

pc2.kochi.ibm.com :CentOS7.1

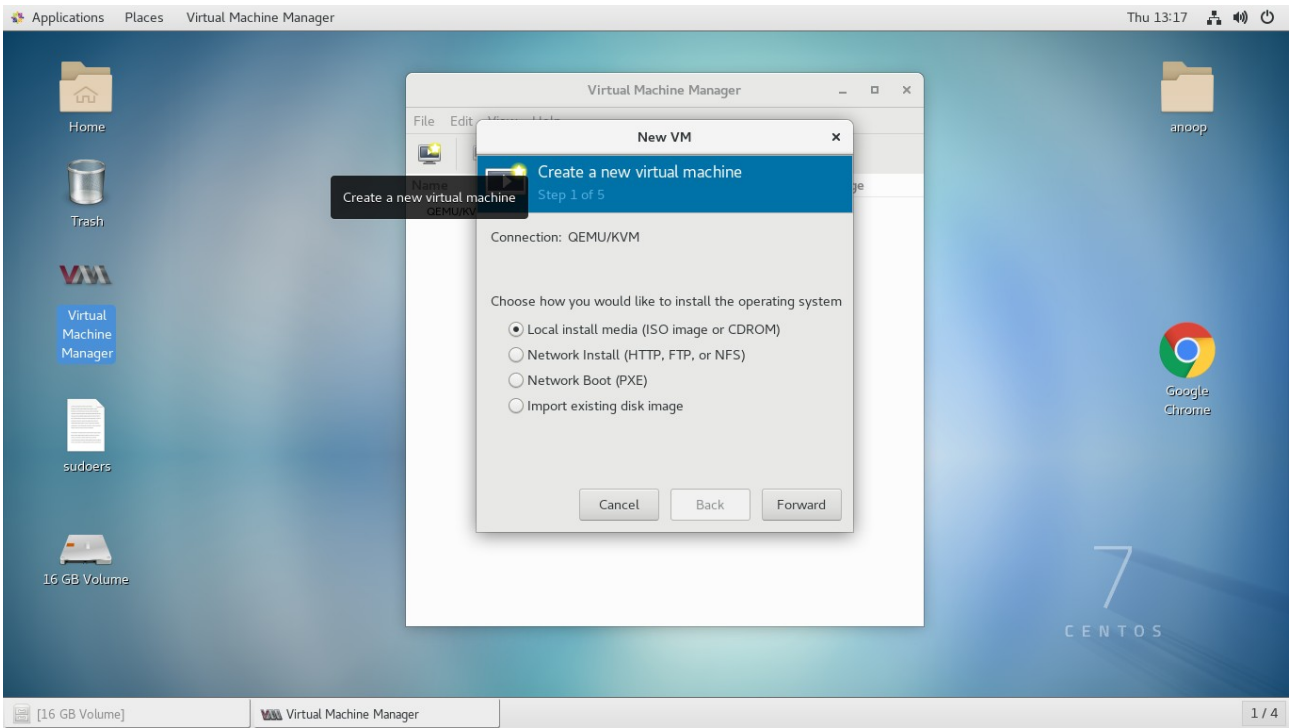
pc3.kochi.ibm.com :RHEL7

pc4.kochi.ibm.com :Ubuntu

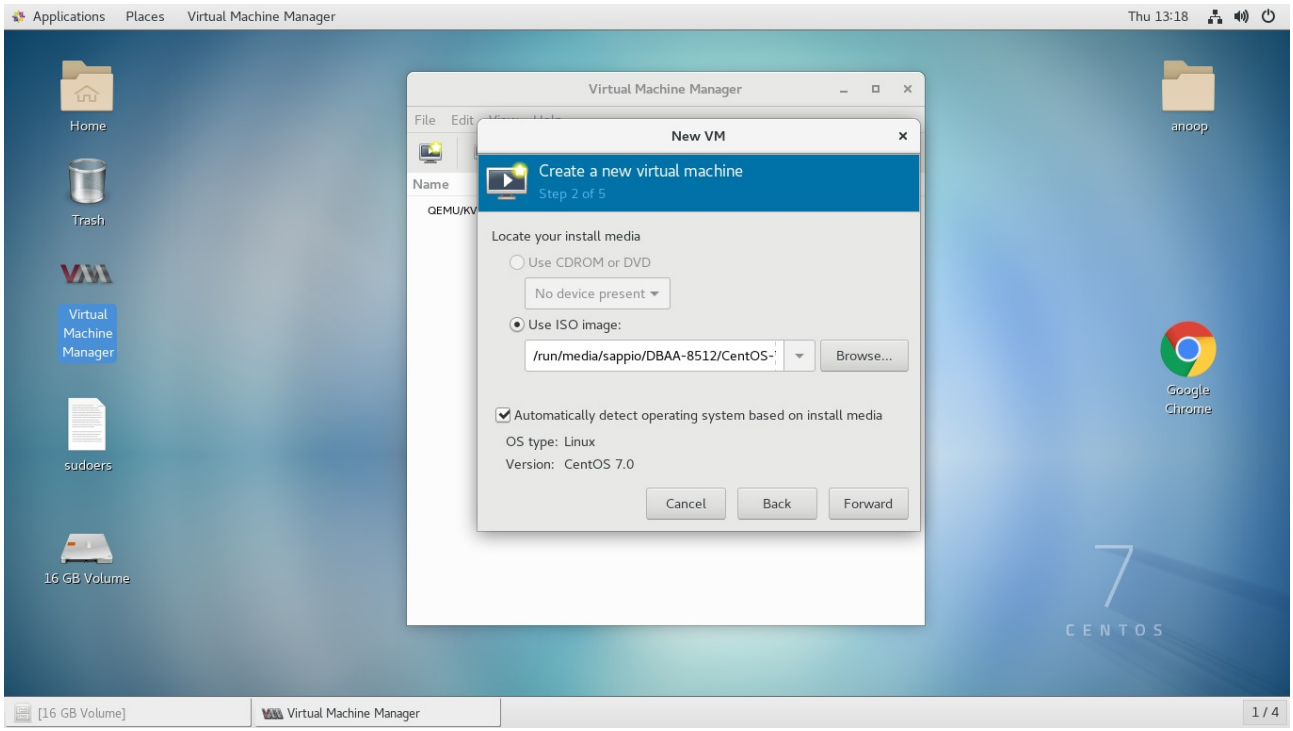
pc5.kochi.ibm.com :Windows

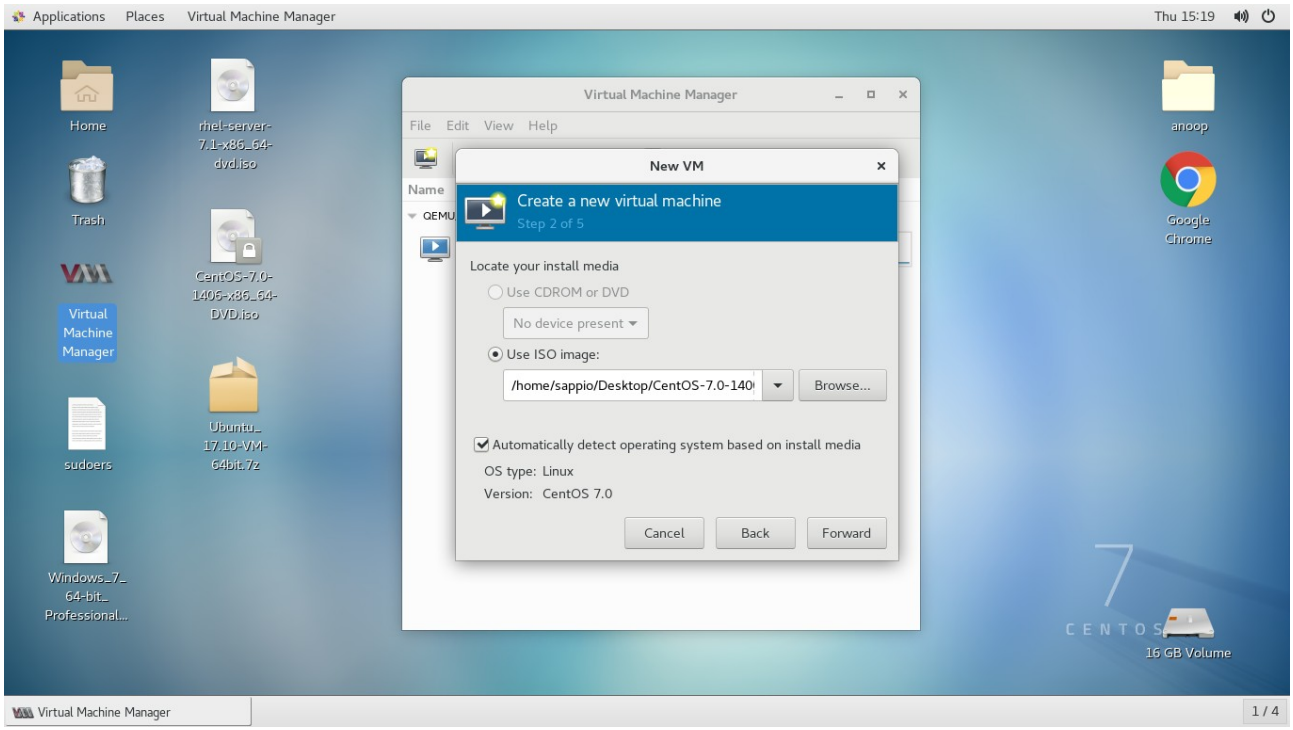
start the kvm

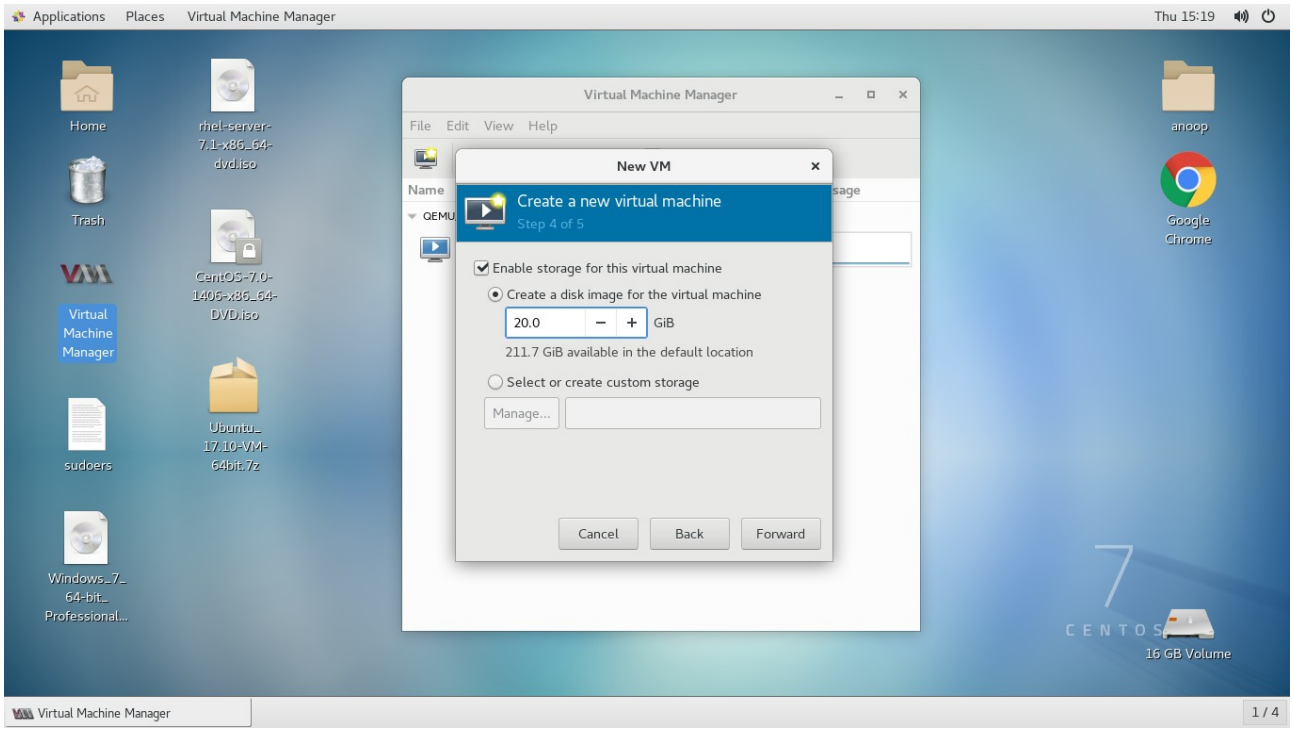
create a new virtual new virtual machine.

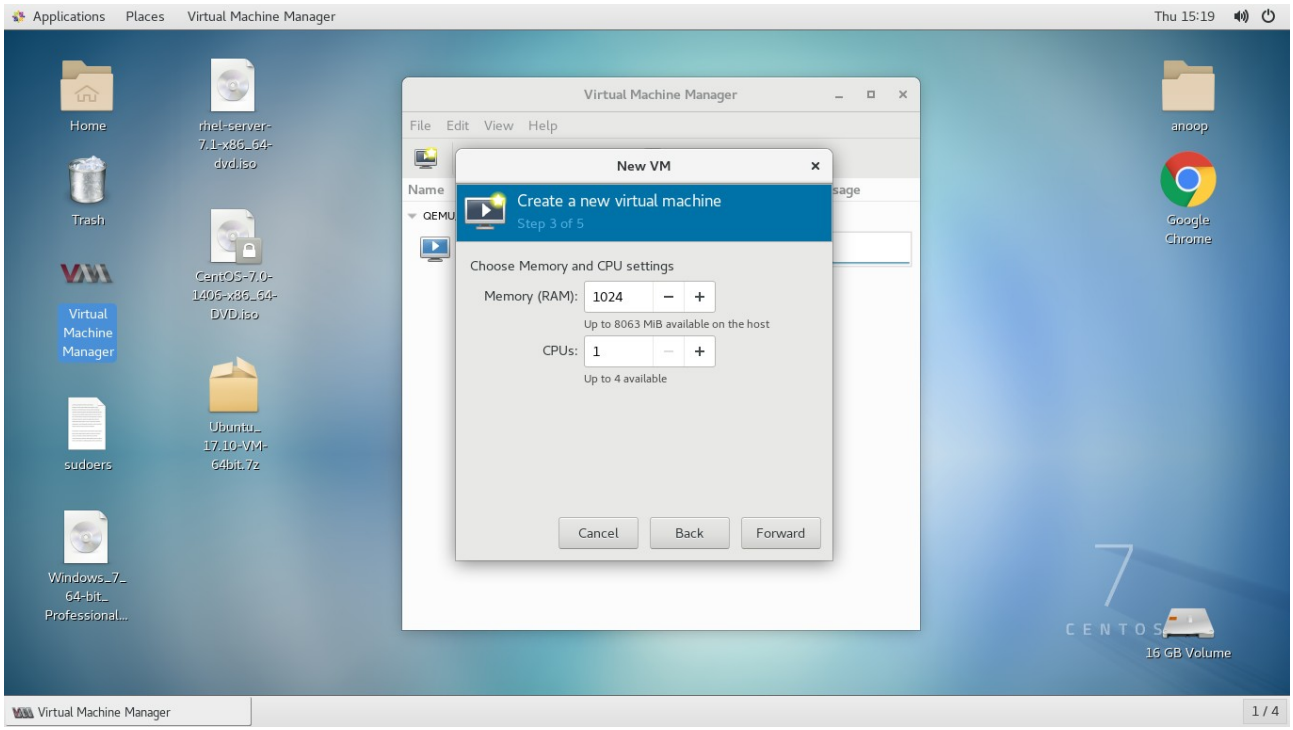


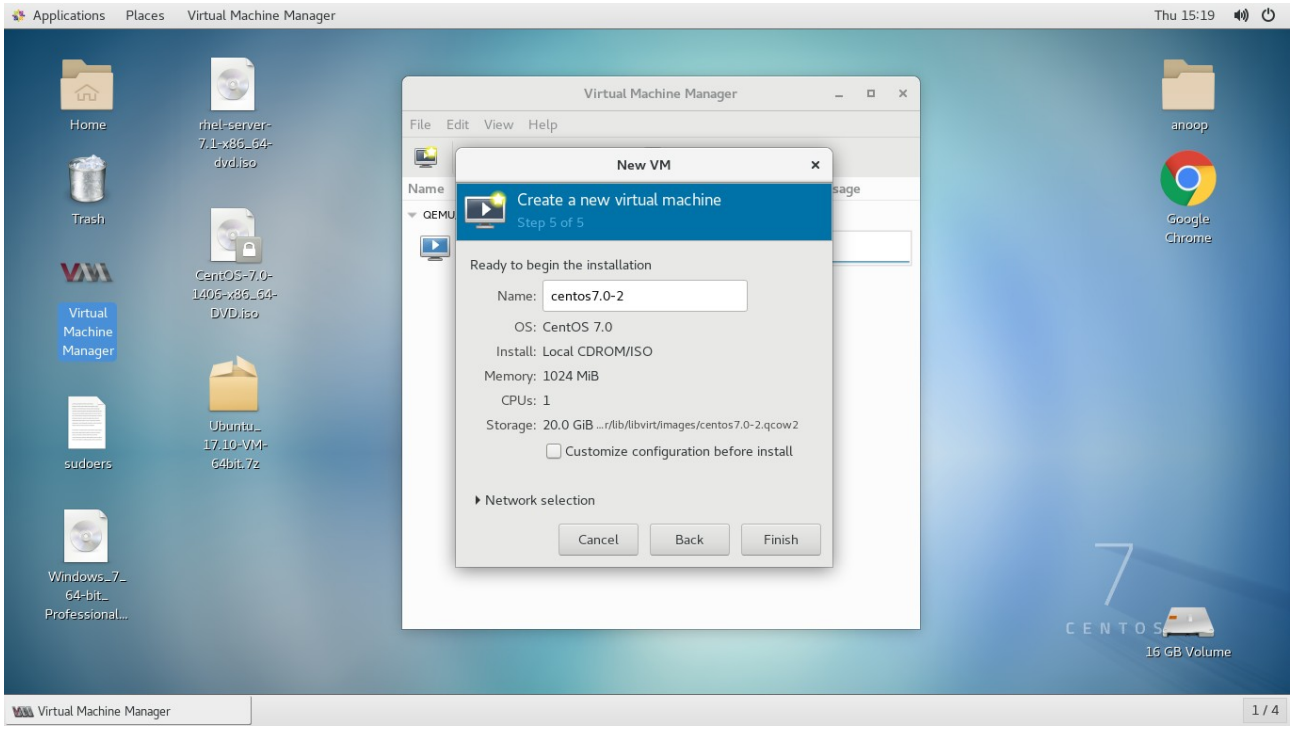
Browse the iso image for the os to be installed.

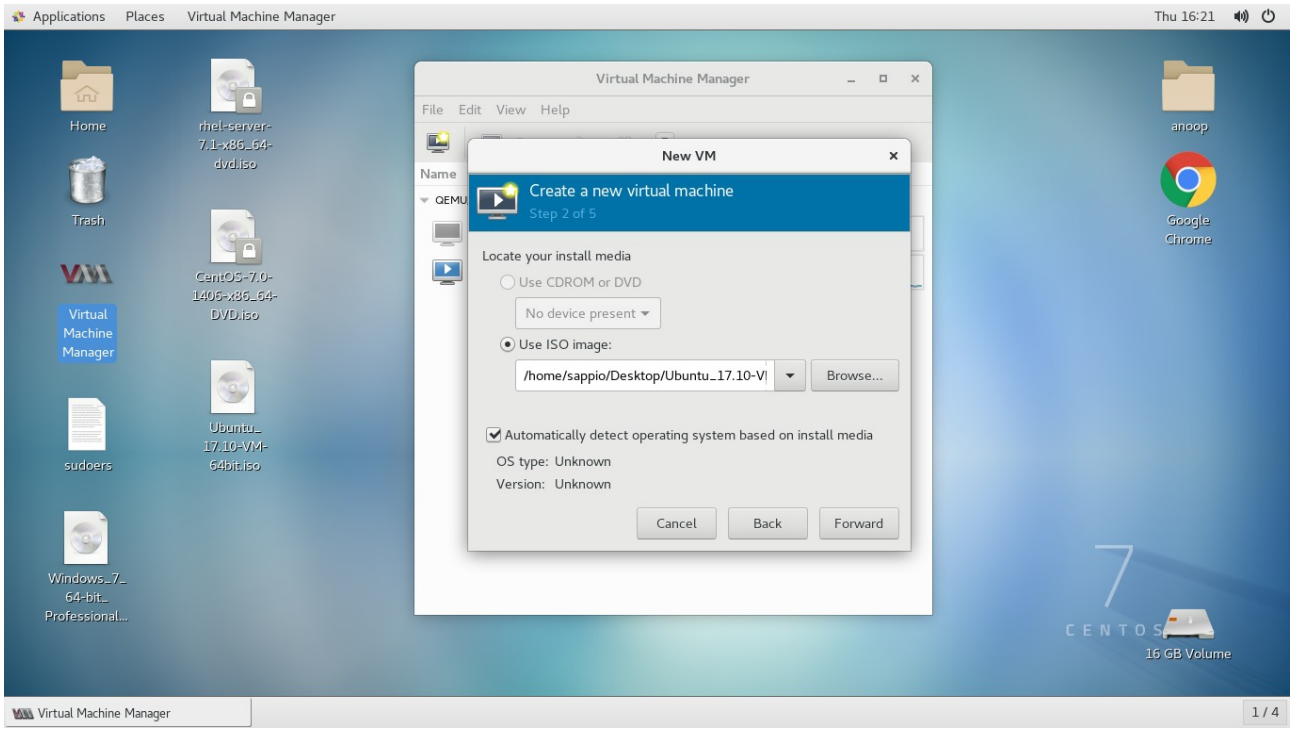


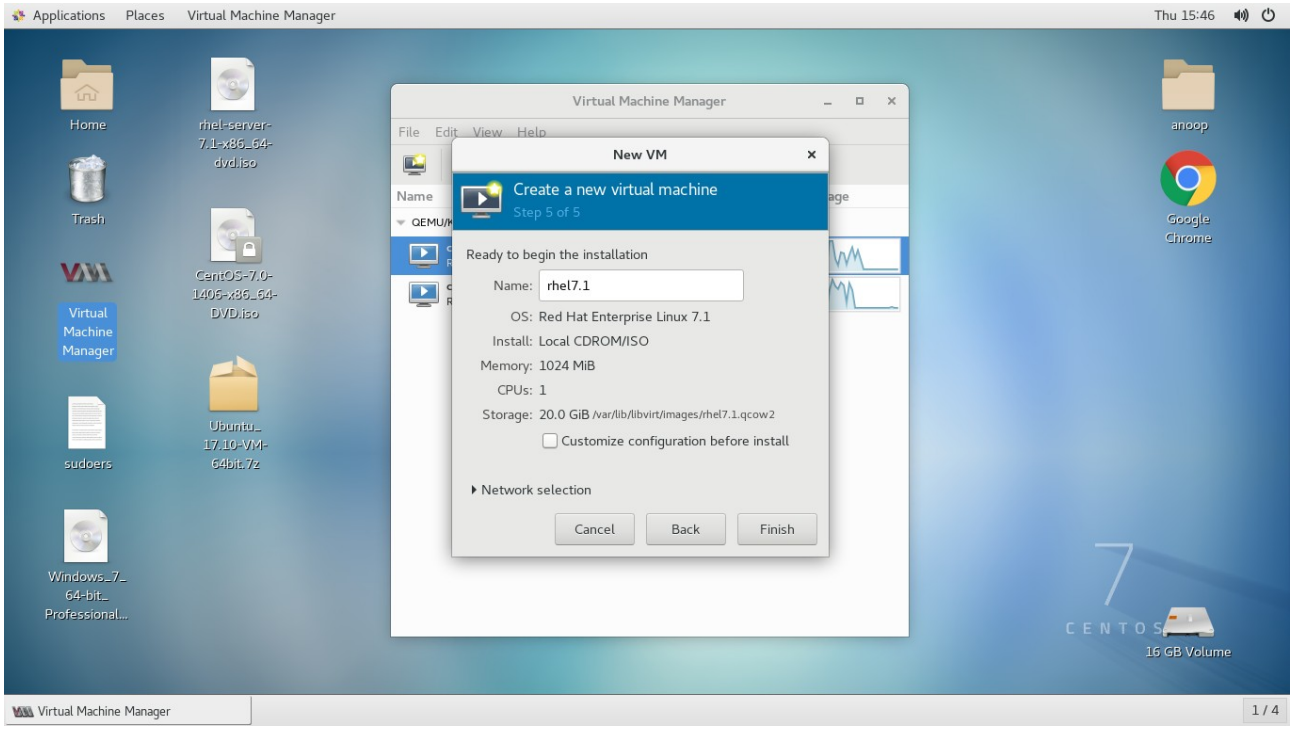


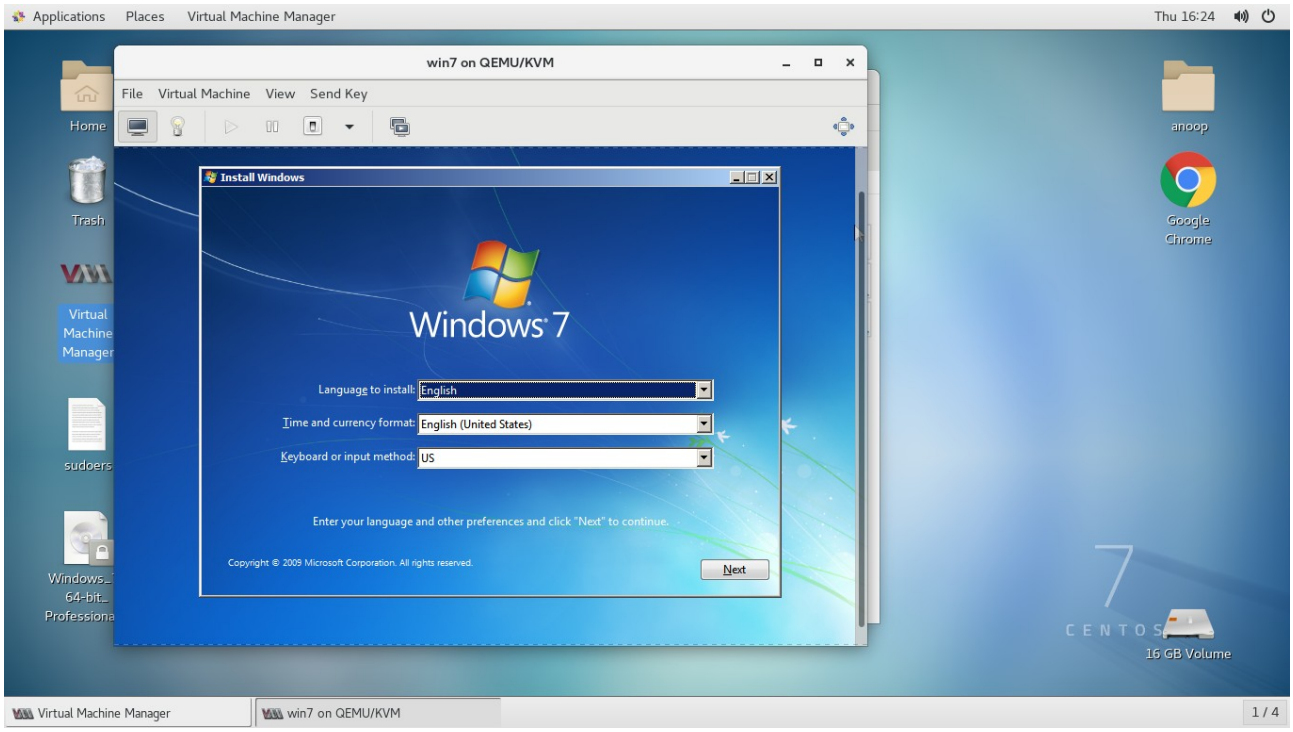

Applications
Places
Virtual Machine Manager
Thu 15:19
Home
rhel-server-7.1-x86_64-dvd.iso
Trash
CentOS-7.0-1406-x86_64-DVD.iso
Virtual Machine Manager
Ubuntu_17.10-VM-64bit.7z
sudoers
Windows_7_64-bit_Professional...
anoop
Google Chrome
16 GB Volume
Virtual Machine Manager
File Edit View Help
New VM
Create a new virtual machine
Step 4 of 5
Enable storage for this virtual machine
Create a disk image for the virtual machine
20.0
GiB
211.7 GiB available in the default location
Select or create custom storage
Manage...
Cancel
Back
Forward
1 / 4


Applications
Places
Virtual Machine Manager
Thu 15:19
Home
rhel-server-7.1-x86_64-dvd.iso
Trash
CentOS-7.0-1406-x86_64-DVD.iso
Virtual Machine Manager
Ubuntu_17.10-VM-64bit.7z
sudoers
Windows_7_64-bit_Professional...
anoop
Google Chrome
16 GB Volume
Virtual Machine Manager
File Edit View Help
New VM
Create a new virtual machine
Step 3 of 5
Choose Memory and CPU settings
Memory (RAM):
1024
Up to 8063 MiB available on the host
CPUs:
1
Up to 4 available
Cancel
Back
Forward
1 / 4


Applications
Places
Virtual Machine Manager
Thu 15:19
Home
rhel-server-7.1-x86_64-dvd.iso
Trash
CentOS-7.0-1406-x86_64-DVD.iso
Virtual Machine Manager
Ubuntu_17.10-VM-64bit.7z
sudoers
Windows_7_64-bit_Professional...
anoop
Google Chrome
16 GB Volume
Virtual Machine Manager
File Edit View Help
New VM
Create a new virtual machine
Step 5 of 5
Ready to begin the installation
Name: centos7.0-2
OS: CentOS 7.0
Install: Local CDROM/ISO
Memory: 1024 MiB
CPUs: 1
Storage: 20.0 GiB ...r/lib/libvirt/images/centos7.0-2.qcow2
Customize configuration before install
Network selection
Cancel
Back
Finish
Virtual Machine Manager
1 / 4


Applications
Places
Virtual Machine Manager
Thu 16:21
Home
rhel-server-7.1-x86_64-dvd.iso
Trash
CentOS-7.0-1406-x86_64-DVD.iso
Virtual Machine Manager
Ubuntu_17.10-VM-64bit.iso
sudoers
Windows_7_64-bit_Professional...
anoop
Google Chrome
16 GB Volume
Virtual Machine Manager
File Edit View Help
New VM
Create a new virtual machine
Step 2 of 5
Locate your install media
Use CDROM or DVD
No device present
Use ISO image:
/home/sappio/Desktop/Ubuntu_17.10-V
Browse...
Automatically detect operating system based on install media
OS type: Unknown
Version: Unknown
Cancel
Back
Forward
Virtual Machine Manager
1 / 4



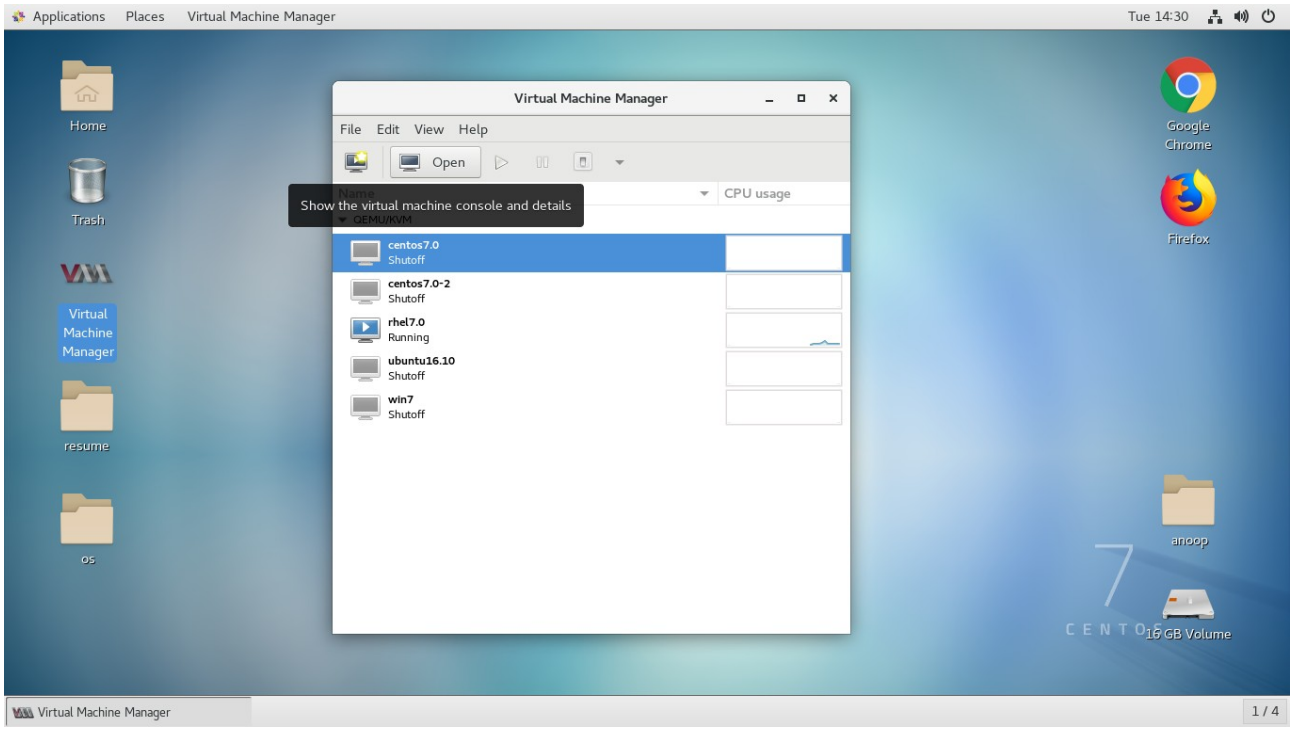


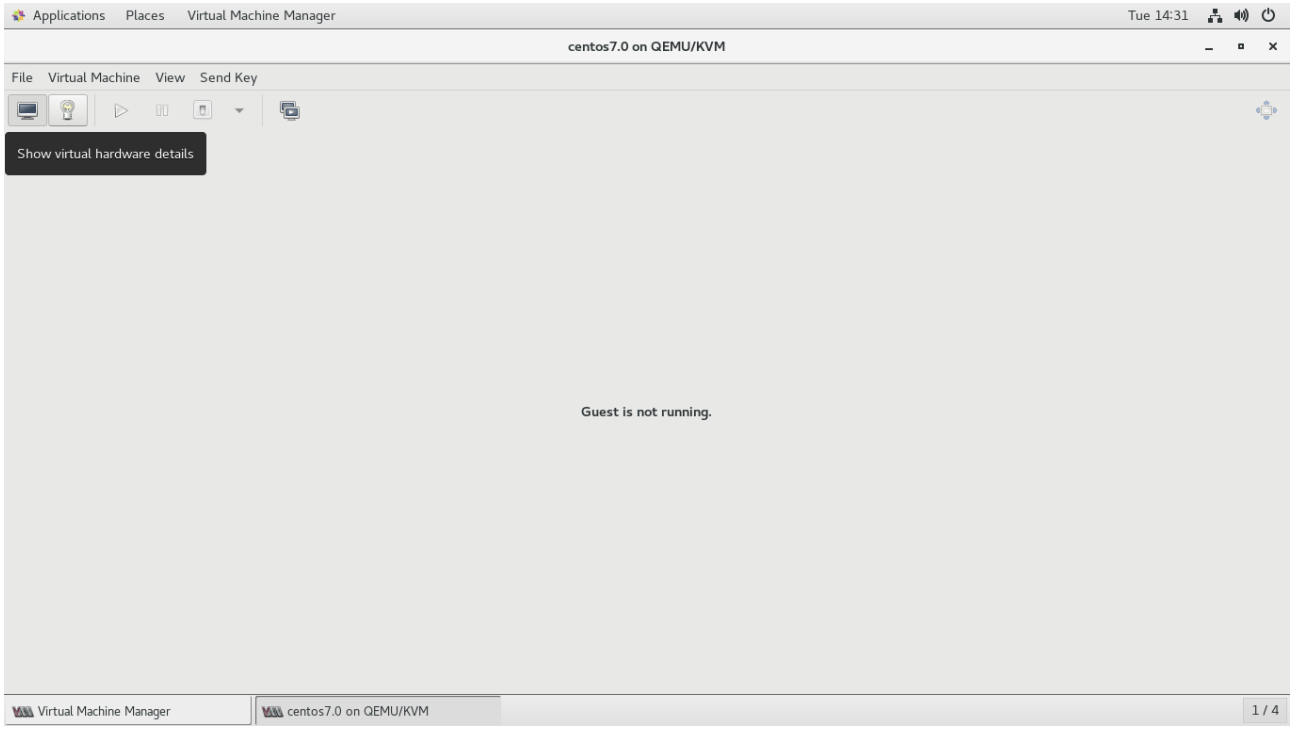
Setting partion size for each of the created operating systems

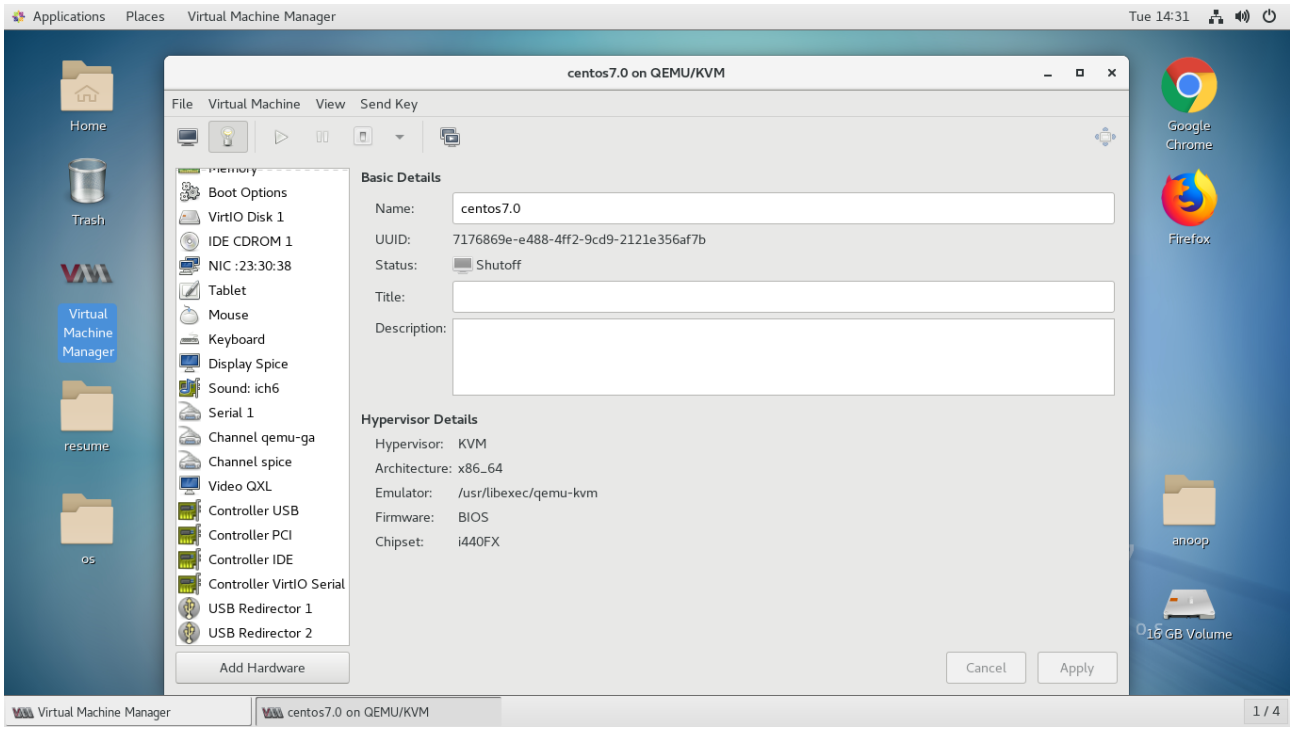
Each Guest should have 2 storage

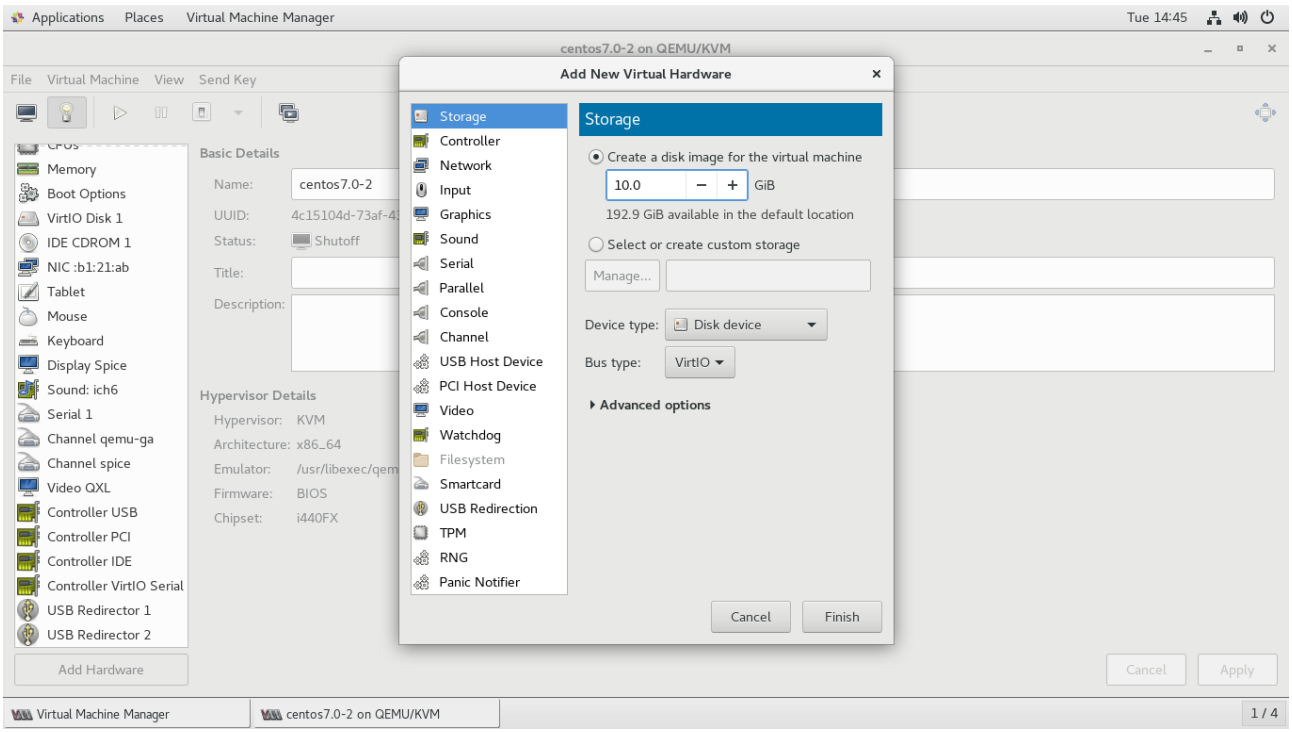
HDD1: 20G

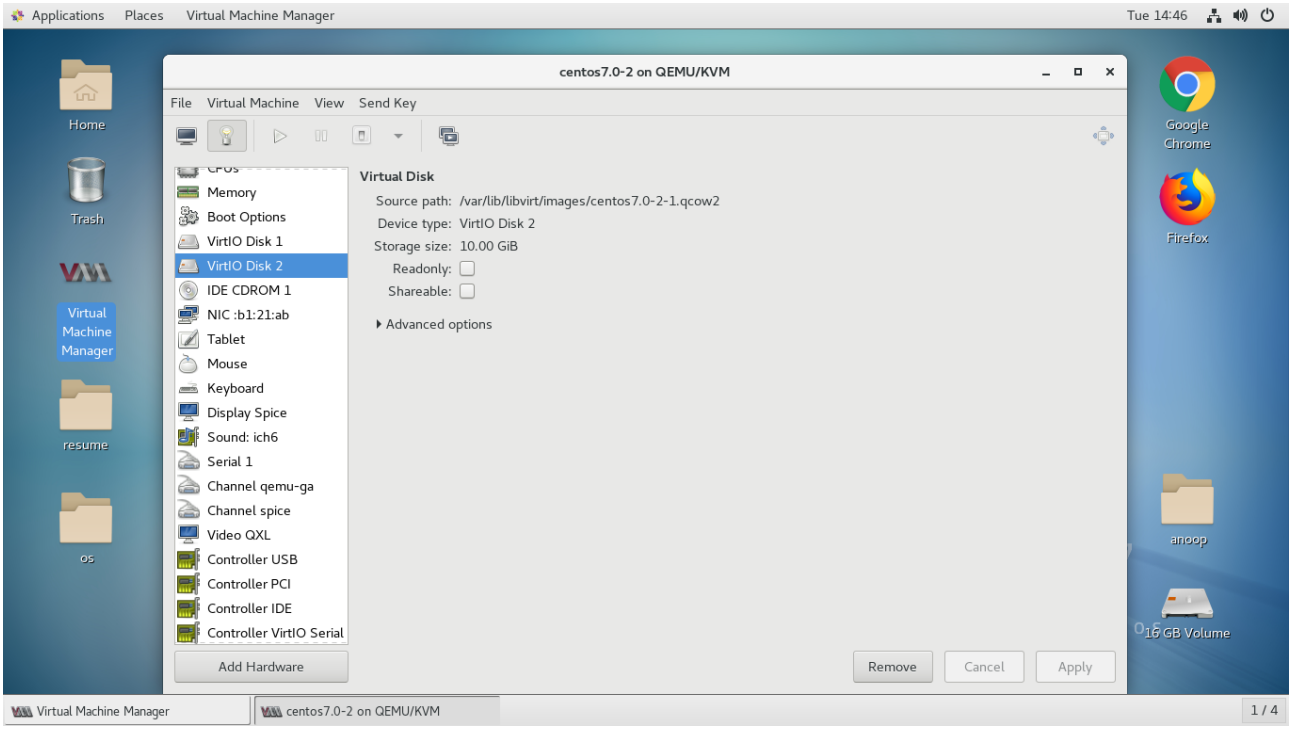
HDD2: 10G


Applications
Places
Virtual Machine Manager
Tue 14:30
Home
Trash
Virtual Machine Manager
resume
os
Google Chrome
Firefox
anoop
16 GB Volume
Virtual Machine Manager
File Edit View Help
Open
Show the virtual machine console and details
CPU usage
QEMU/KVM
centos7.0
Shutoff
centos7.0-2
Shutoff
rhel7.0
Running
ubuntu16.10
Shutoff
win7
Shutoff
Virtual Machine Manager
1 / 4


Applications
Places
Virtual Machine Manager
Tue 14:31
centos7.0 on QEMU/KVM
File Virtual Machine View Send Key
Show virtual hardware details
Guest is not running.
Virtual Machine Manager
centos7.0 on QEMU/KVM
1 / 4


Applications
Places
Virtual Machine Manager
Tue 14:31
centos7.0 on QEMU/KVM
File
Virtual Machine
View
Send Key
Boot Options
VirtIO Disk 1
IDE CDROM 1
NIC :23:30:38
Tablet
Mouse
Keyboard
Display Spice
Sound: ich6
Serial 1
Channel qemu-ga
Channel spice
Video QXL
Controller USB
Controller PCI
Controller IDE
Controller VirtIO Serial
USB Redirector 1
USB Redirector 2
Add Hardware
Basic Details
Name:
centos7.0
UUID:
7176869e-e488-4ff2-9cd9-2121e356af7b
Status:
Shutoff
Title:
Description:
Hypervisor Details
Hypervisor:
KVM
Architecture:
x86_64
Emulator:
/usr/libexec/qemu-kvm
Firmware:
BIOS
Chipset:
i440FX
Cancel
Apply
Home
Trash
Virtual Machine Manager
resume
os
Google Chrome
Firefox
anoop
16 GB Volume
Virtual Machine Manager
centos7.0 on QEMU/KVM
1 / 4


Applications
Places
Virtual Machine Manager
Tue 14:45
centos7.0-2 on QEMU/KVM
File
Virtual Machine
View
Send Key
Add New Virtual Hardware
Storage
Controller
Network
Input
Graphics
Sound
Serial
Parallel
Console
Channel
USB Host Device
PCI Host Device
Video
Watchdog
Filesystem
Smartcard
USB Redirection
TPM
RNG
Panic Notifier
Create a disk image for the virtual machine
10.0
GiB
192.9 GiB available in the default location
Select or create custom storage
Manage...
Device type:
Disk device
Bus type:
VirtIO
Advanced options
Cancel
Finish
Memory
Boot Options
VirtIO Disk 1
IDE CDROM 1
NIC :b1:21:ab
Tablet
Mouse
Keyboard
Display Spice
Sound: ich6
Serial 1
Channel qemu-ga
Channel spice
Video QXL
Controller USB
Controller PCI
Controller IDE
Controller VirtIO Serial
USB Redirector 1
USB Redirector 2
Add Hardware
Basic Details
Name:
centos7.0-2
Status:
Shutoff
Title:
Description:
Hypervisor Details
Hypervisor:
KVM
Architecture:
x86_64
Chipset:
i440FX
Cancel
Apply
Virtual Machine Manager
centos7.0-2 on QEMU/KVM
1 / 4


Applications
Places
Virtual Machine Manager
Tue 14:46
Home
Trash
Virtual Machine Manager
resume
os
Google Chrome
Firefox
anoop
16 GB Volume
centos7.0-2 on QEMU/KVM
File
Virtual Machine
View
Send Key
Memory
Boot Options
VirtIO Disk 1
VirtIO Disk 2
IDE CDROM 1
NIC :b1:21:ab
Tablet
Mouse
Keyboard
Display Spice
Sound: ich6
Serial 1
Channel qemu-ga
Channel spice
Video QXL
Controller USB
Controller PCI
Controller IDE
Controller VirtIO Serial
Add Hardware
Virtual Disk
Source path: /var/lib/libvirt/images/centos7.0-2-1.qcow2
Device type: VirtIO Disk 2
Storage size: 10.00 GiB
Readonly:
Shareable:
Advanced options
Remove
Cancel
Apply
Virtual Machine Manager
centos7.0-2 on QEMU/KVM
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