

Choose the Virtual Machine Hardware Compatibility

Which hardware features are needed for this virtual machine?

Virtual machine hardware compatibility

Hardware

Workstation 16.x

Compatible

☒ ESX Server

Compatible products:

Fusion 12.x

Workstation 16.x

Limitations:

128 GB memory

32 processors

10 network adapters

8 TB disk size

8 GB shared graphics memory

Help

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Cancel

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:

No drives available

☐ Installer disc image file (iso):

Browse...

☒ I will install the operating system later.

The virtual machine will be created with a blank hard disk.

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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

CentOS 6 64-bit



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Name the Virtual Machine

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

Virtual machine name:

Location:

The default location can be changed at Edit > Preferences.

Processor Configuration

Specify the number of processors for this virtual machine.

Processors

Number of processors: 2 ▾

Number of cores per processor: 2 ▾

Total processor cores: 4

[Help](#)[< Back](#)[Next >](#)[Cancel](#)

Memory for the Virtual Machine

How much memory would you like to use for this virtual machine?

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: 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:
6.1 GB

Recommended memory:
1 GB

Guest OS recommended minimum:
512 MB

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Network Type

What type of network do you want to add?

Network connection

- ☐ Use bridged networking
Give the guest operating system direct access to an external Ethernet network. The guest must have its own IP address on the external network.
- ☒ Use network address translation (NAT)
Give the guest operating system access to the host computer's dial-up or external Ethernet network connection using the host's IP address.
- ☐ Use host-only networking
Connect the guest operating system to a private virtual network on the host computer.
- ☐ Do not use a network connection

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Select I/O Controller Types

Which SCSI controller type would you like to use for SCSI virtual disks?

I/O controller types

SCSI Controller:

- ☐ BusLogic (Not available for 64-bit guests)
- ☒ LSI Logic (Recommended)
- ☐ LSI Logic SAS
- ☐ Paravirtualized SCSI

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Select a Disk Type

What kind of disk do you want to create?

Virtual disk type

- ☐ IDE
- ☒ SCSI (Recommended)
- ☐ SATA
- ☐ NVMe

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Cancel

Select a Disk

Which disk do you want to use?

Disk

☒ Create a new virtual disk

A virtual disk is composed of one or more files on the host file system, which will appear as a single hard disk to the guest operating system. Virtual disks can easily be copied or moved on the same host or between hosts.

☐ Use an existing virtual disk

Choose this option to reuse a previously configured disk.

☐ Use a physical disk (for advanced users)

Choose this option to give the virtual machine direct access to a local hard disk. Requires administrator privileges.

Help

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Cancel

Specify Disk Capacity

How large do you want this disk to be?

Maximum disk size (GB):

Recommended size for CentOS 6 64-bit: 20 GB

☐ Allocate all disk space now.

Allocating the full capacity can enhance performance but requires all of the physical disk space to be available right now. If you do not allocate all the space now, the virtual disk starts small and grows as you add data to it.

☐ 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.

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Cancel

Specify Disk File

Where would you like to store the disk file?

Disk file

A 30 GB virtual disk be created using multiple disk files. The disk files will be automatically named based on this file name.

Device	Summary
 Memory	2 GB
 Processors	4
 New CD/DVD (IDE)	Auto detect
 Network Adapter	NAT
 USB Controller	Present
 Display	Auto detect

Add...

Remove

3D graphics

☐ Accelerate 3D graphics

Monitors

☒ Use host setting for monitors☐ Specify monitor settings:

Number of monitors:

1

Maximum resolution of any one monitor:

2560 x 1600

Display scaling

☐ Stretch mode:☒ Keep aspect ratio stretch

Stretch the virtual machine display while maintaining the user interface aspect ratio

☐ Free stretch

Stretch the virtual machine display to fill the user interface, without maintaining the user interface aspect ratio

Close

Help

New Virtual Machine Wizard



Ready to Create Virtual Machine

Click Finish to create the virtual machine. Then you can install CentOS 6 64-bit.

The virtual machine will be created with the following settings:

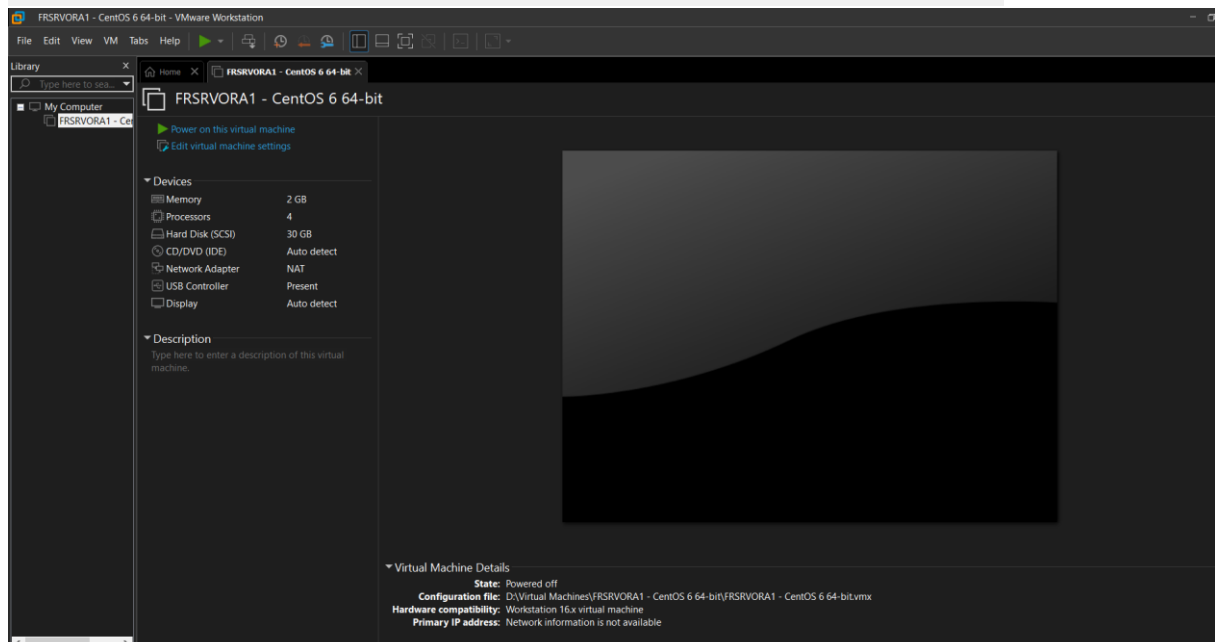
Name:	FRSRVORA1 - CentOS 6 64-bit
Location:	D:\Virtual Machines\FRRSRVORA1 - CentOS 6 64-bit
Version:	Workstation 16.x
Operating System:	CentOS 6 64-bit
Hard Disk:	30 GB, Split
Memory:	2048 MB
Network Adapter:	NAT
Other Devices:	4 CPU cores, CD/DVD, USB Controller

[Customize Hardware...](#)








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Finish

Cancel



Hardware Options

Device	Summary
 Memory	2 GB
 Processors	4
 Hard Disk (SCSI)	30 GB
 CD/DVD (IDE)	Auto detect
 Network Adapter	
 USB Controller	
 Display	

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: 2048 MB












Add Hardware Wizard



Hardware Type

What type of hardware do you want to install?

Hardware types:

-  Hard Disk
-  CD/DVD Drive
-  Floppy Drive
-  Network Adapter
-  USB Controller
-  Sound Card
-  Parallel Port
-  Serial Port
-  Printer
-  Generic SCSI Device
-  Trusted Platform Module

Explanation

Add a hard disk.

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Next >

Cancel

Add...

Remove

OK

Cancel

Help

Select a Disk Type

What kind of disk do you want to create?

Virtual disk type

- ☐ IDE
- ☒ SCSI (Recommended)
- ☐ SATA
- ☐ NVMe

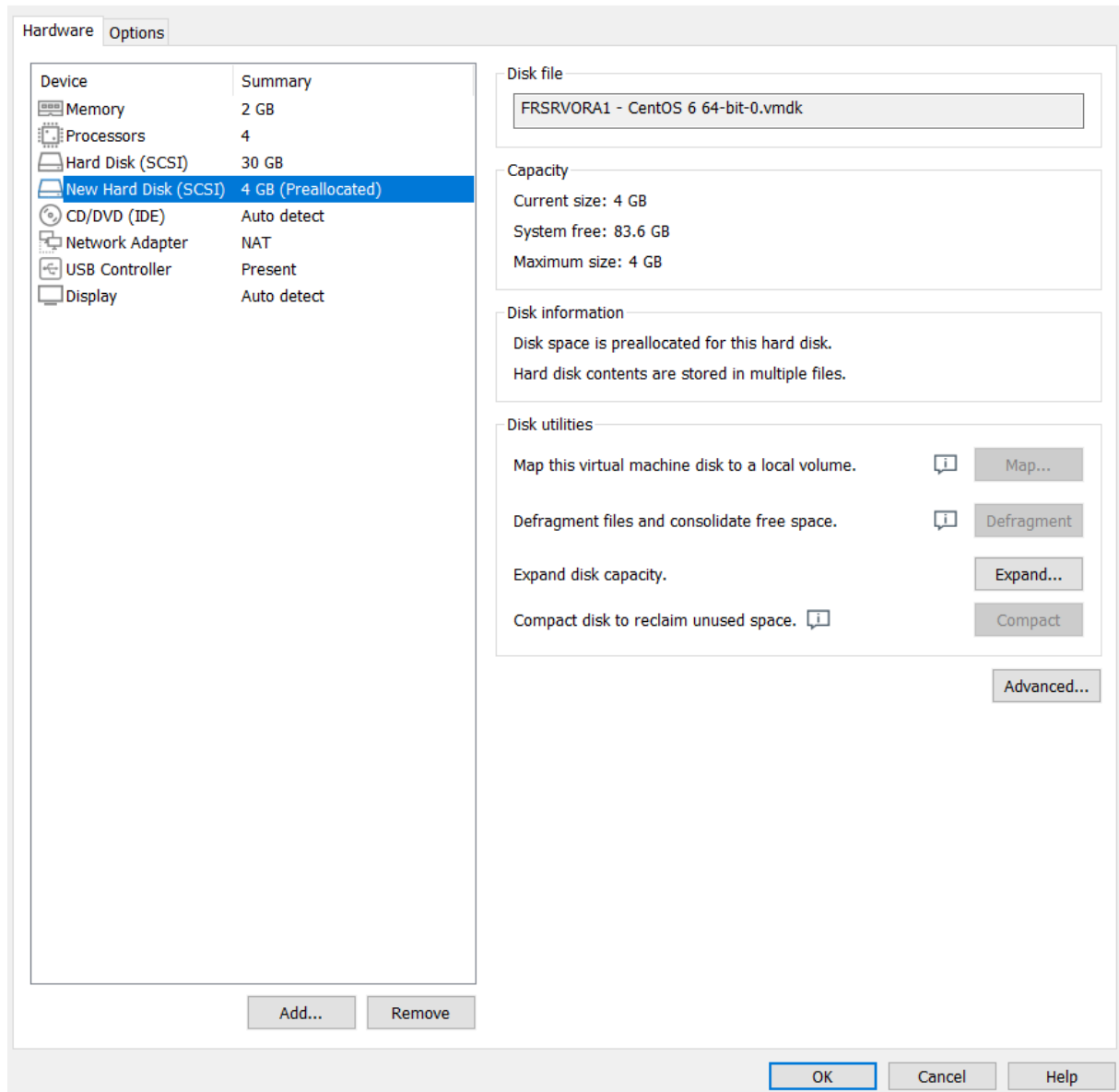
< Back

Next >

Cancel

Faire 5 fois la meme manippour créer 5 disques de 4Go

Virtual Machine Settings



Select a Disk

Which disk do you want to use?

Disk☒ **Create a new virtual disk**

A virtual disk is composed of one or more files on the host file system, which will appear as a single hard disk to the guest operating system. Virtual disks can easily be copied or moved on the same host or between hosts.

☐ **Use an existing virtual disk**

Choose this option to reuse a previously configured disk.

☐ **Use a physical disk (for advanced users)**

Choose this option to give the virtual machine direct access to a local hard disk. Requires administrator privileges.

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Cancel

Specify Disk Capacity

How large do you want this disk to be?

Maximum disk size (GB):

Recommended size for CentOS 6 64-bit: 20 GB

☒ Allocate all disk space now.

Allocating the full capacity can enhance performance but requires all of the physical disk space to be available right now. If you do not allocate all the space now, the virtual disk starts small and grows as you add data to it.

☒ 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.

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Specify Disk File

Where would you like to store the disk file?

Disk file

A 4 GB virtual disk be created using multiple disk files. The disk files will be automatically named based on this file name.

Hardware Options

Device	Summary
 Memory	2 GB
 Processors	4
 Hard Disk (SCSI)	30 GB
 New Hard Disk (SCSI)	4 GB (Preallocated)
 CD/DVD (IDE)	
 Network Adapter	
 USB Controller	
 Display	

Disk file

FRSRVORA1 - CentOS 6 64-bit-0.vmdk

Capacity

Current size: 4 GB

Add Hardware Wizard

Specify Disk File

Where would you like to store the disk file?

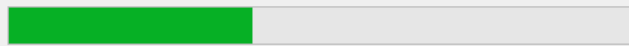
Disk file

One 4 GB disk file will be created using this file name.

FRSRVORA1 - CentOS 6 64-bit-1.vmdk

VMware Workstation

Creating Disk...



Cancel

< Back

Finish

Cancel

Add...

Remove



Map...



Defragment

Expand...

Compact

Advanced...

OK

Cancel

Help

Virtual Machine Settings



Hardware Options

Device	Summary
Memory	2 GB
Processors	4
Hard Disk (SCSI)	30 GB
New Hard Disk (SCSI)	4 GB (Preallocated)
New Hard Disk (SCSI)	4 GB (Preallocated)
New Hard Disk (SCSI)	4 GB (Preallocated)
New Hard Disk (SCSI)	4 GB (Preallocated)
New Hard Disk (SCSI)	4 GB (Preallocated)
CD/DVD (IDE)	Auto detect
Network Adapter	NAT
USB Controller	Present
Display	Auto detect

Add...

Remove

Disk file

FRSRVORA1 - CentOS 6 64-bit-5.vmdk

Capacity

Current size: 4 GB
System free: 63.6 GB
Maximum size: 4 GB

Disk information

Disk space is preallocated for this hard disk.
Hard disk contents are stored in a single file.

Disk utilities

Map this virtual machine disk to a local volume.

Map...

Defragment files and consolidate free space.

Defragment

Expand disk capacity.

Expand...

Compact disk to reclaim unused space.

Compact

Advanced...

OK

Cancel

Help

Virtual Machine Settings



Hardware Options

Device	Summary
Memory	2 GB
Processors	4
Hard Disk (SCSI)	30 GB
New Hard Disk (SCSI)	4 GB (Preallocated)
New Hard Disk (SCSI)	4 GB (Preallocated)
New Hard Disk (SCSI)	4 GB (Preallocated)
New Hard Disk (SCSI)	4 GB (Preallocated)
New Hard Disk (SCSI)	4 GB (Preallocated)
CD/DVD (IDE)	Auto detect
Network Adapter	NAT
USB Controller	Present
Display	Auto detect

Device status

- ☐ Connected
☒ Connect at power on

Connection

☐ Use physical drive:

Auto detect

☒ Use ISO image file:

D:\oracle\CentOS-6.8-x86_64-bin-DVD1.iso

Browse...

Advanced...

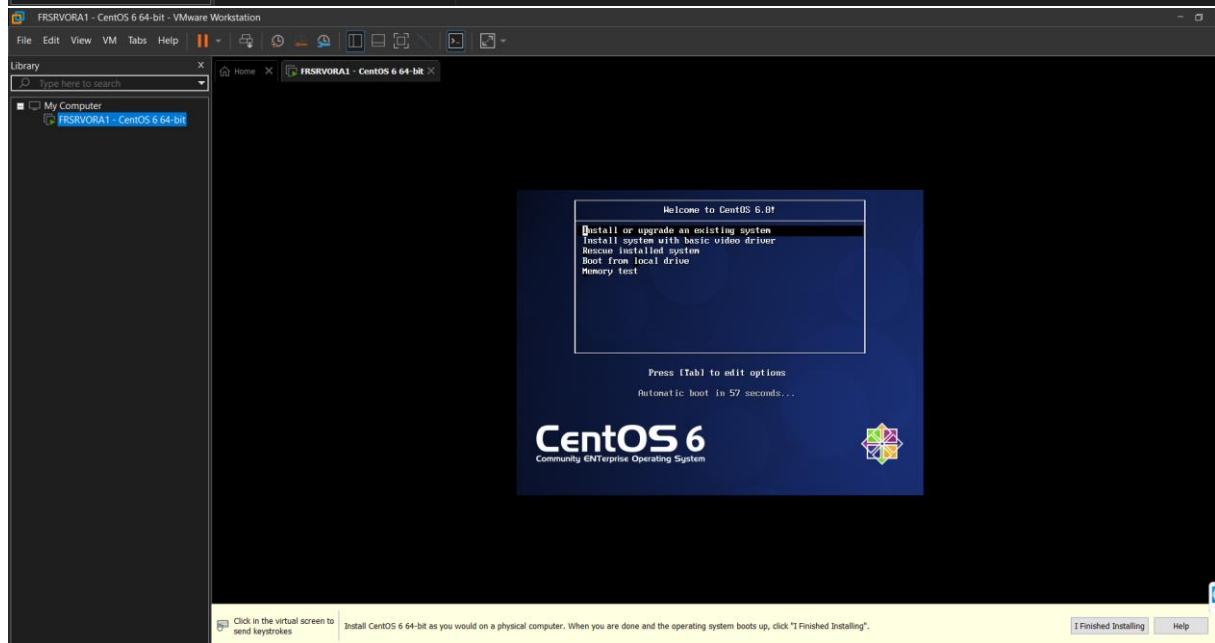
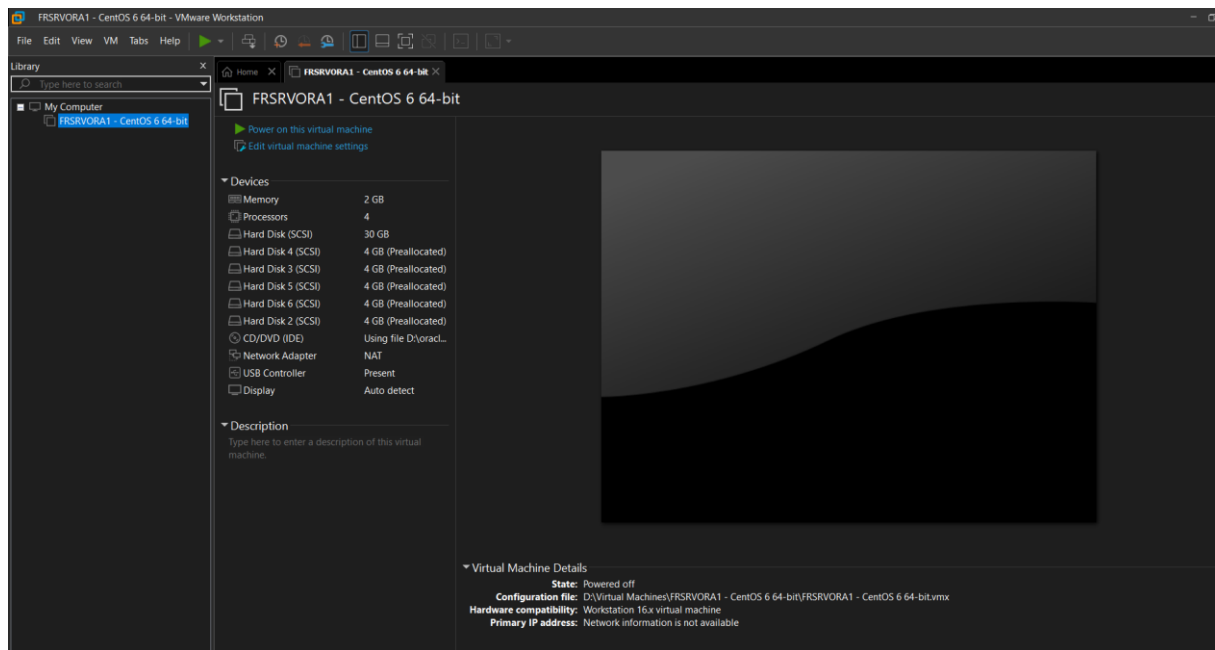
Add...

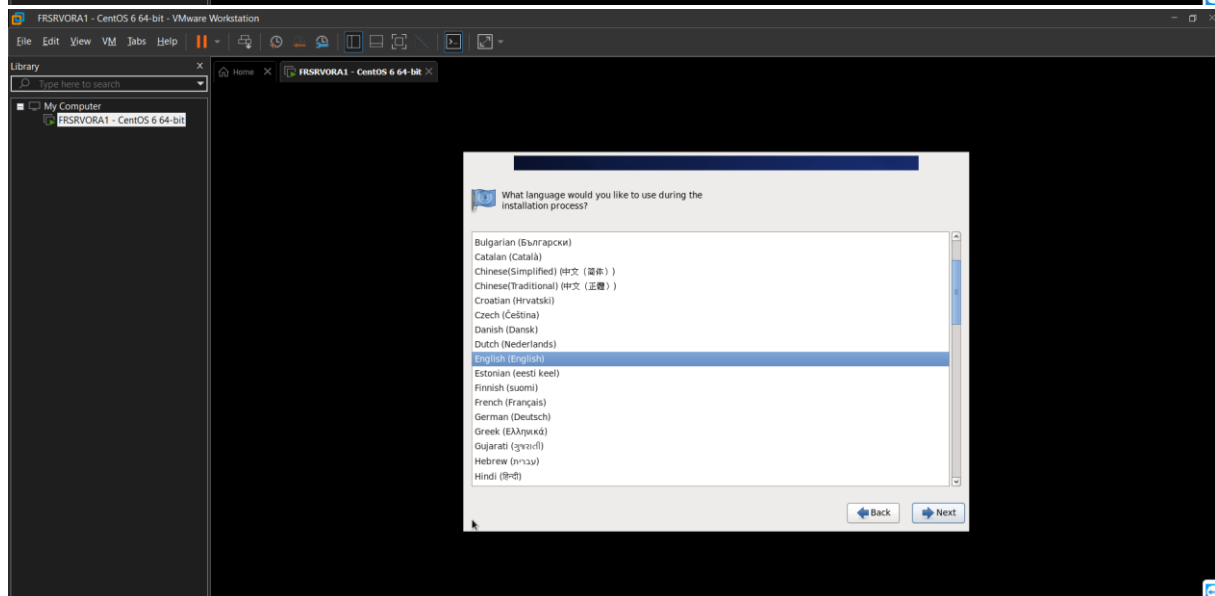
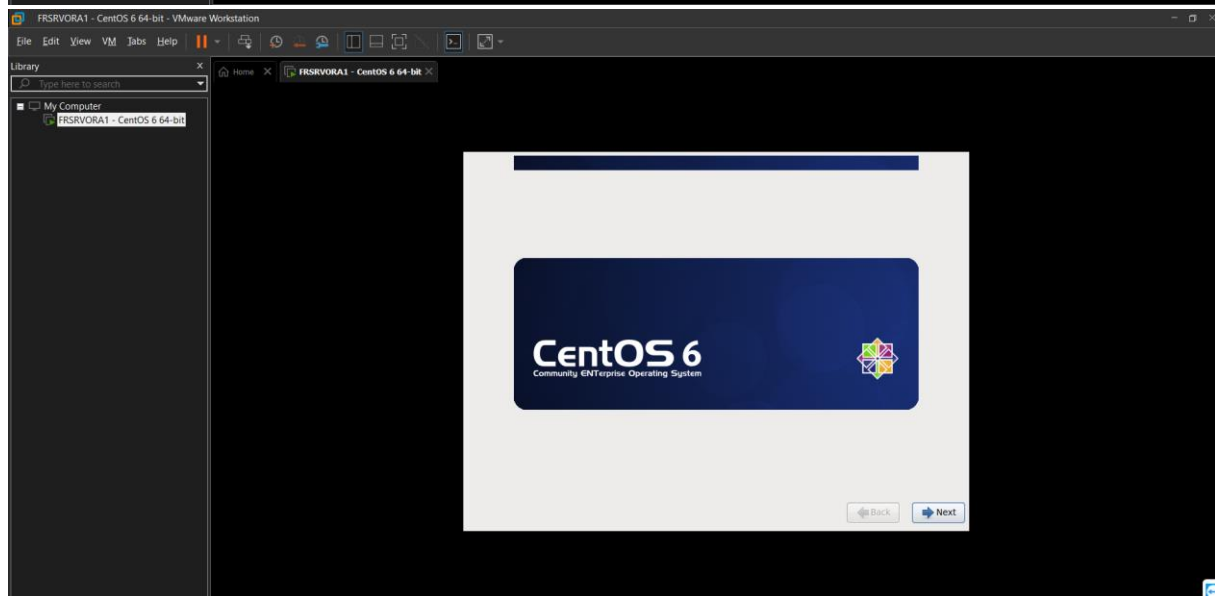
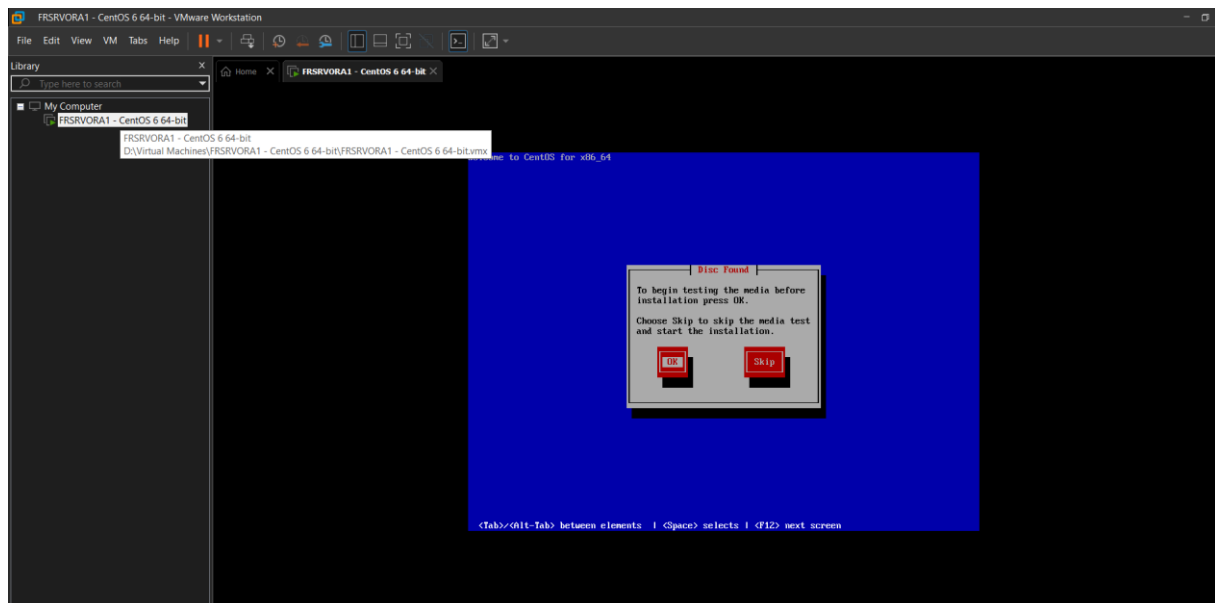
Remove

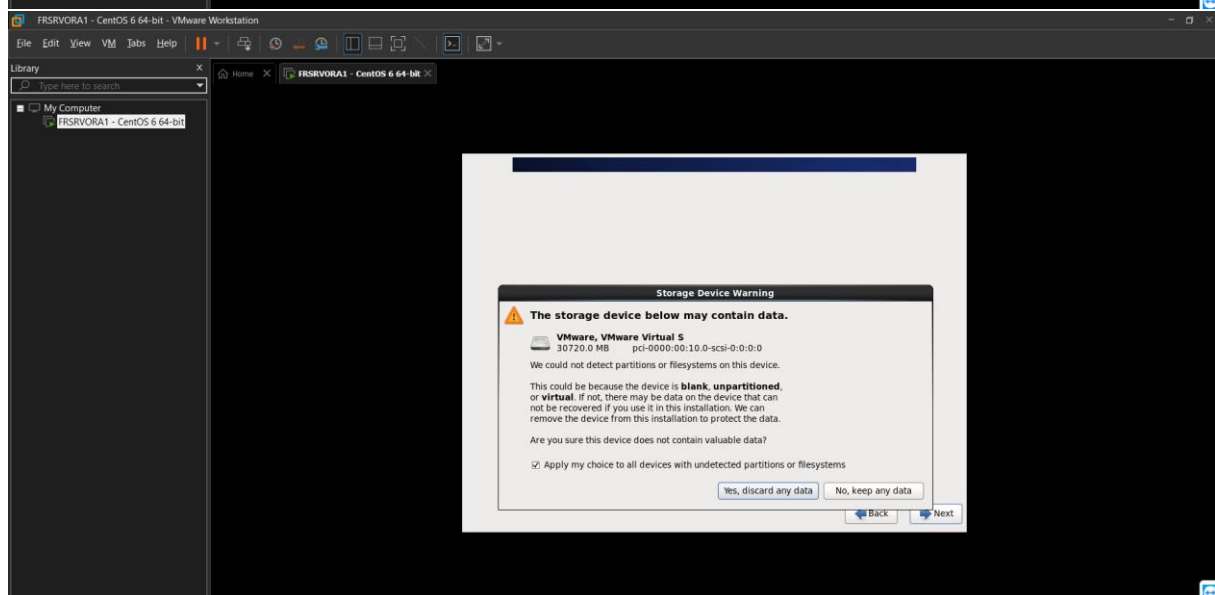
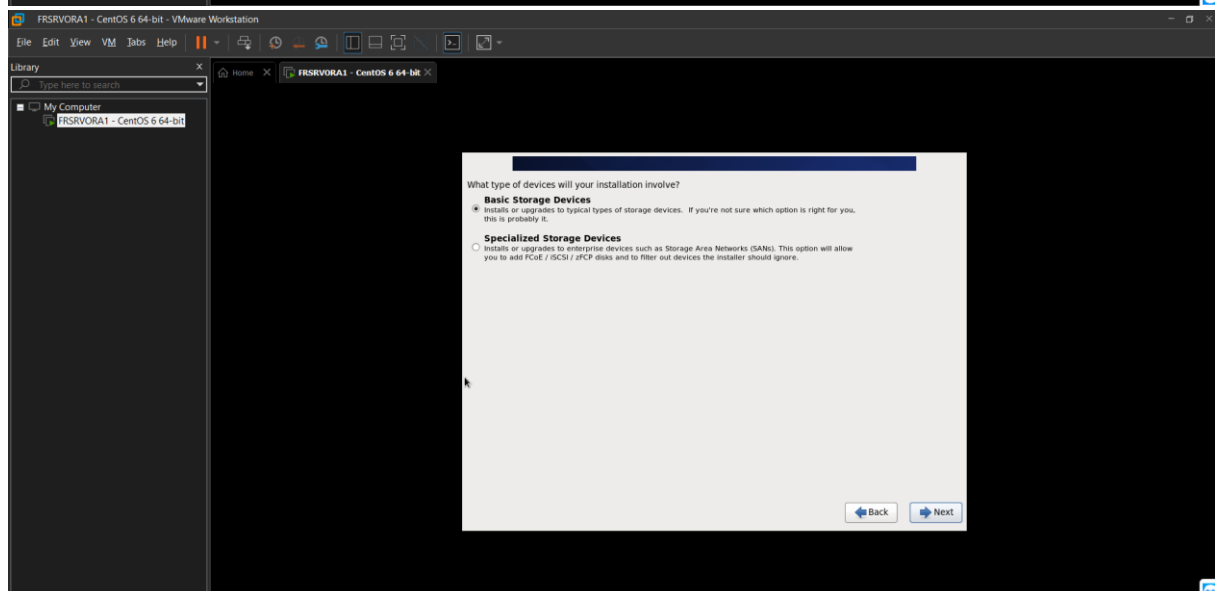
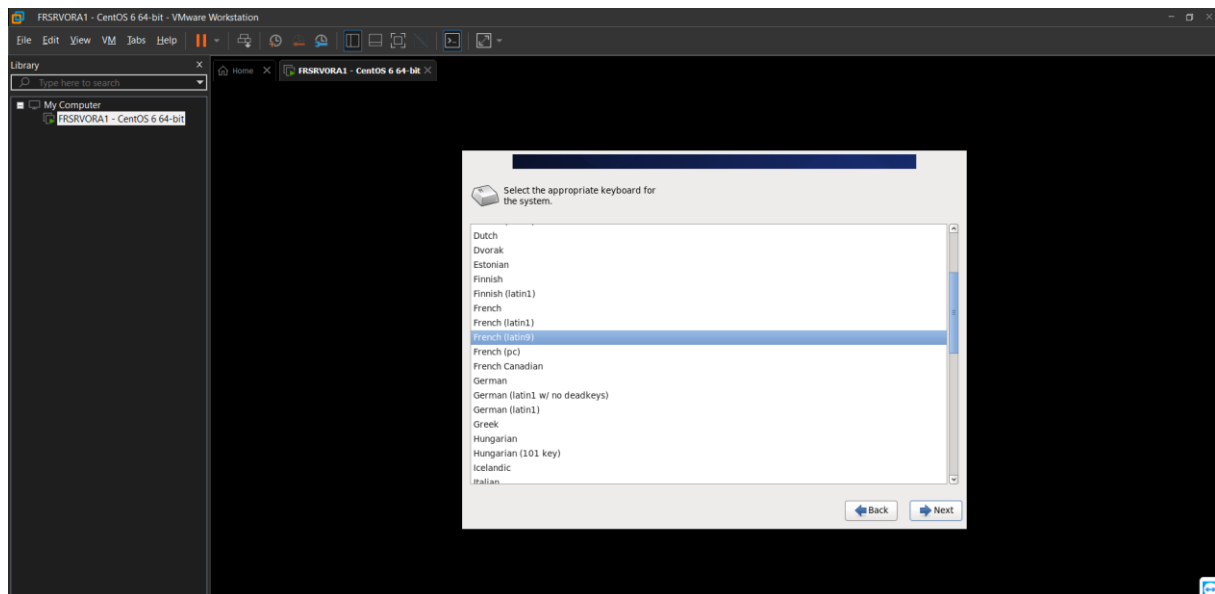
OK

Cancel

Help









Please name this computer. The hostname identifies the computer on a network.

Hostname:

[Configure Network](#)

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[Next >](#)

Please select the nearest city in your time zone:



Selected city: Paris, Europe

☒ System clock uses UTC

[< Back](#)

[Next >](#)



The root account is used for administering the system. Enter a password for the root user.

Root Password:

Confirm:

 Back

 Next

Root password : azerty2021

Which type of installation would you like?



Use All Space

Removes all partitions on the selected device(s). This includes partitions created by other operating systems.

Tip: This option will remove data from the selected device(s). Make sure you have backups.



Replace Existing Linux System(s)

Removes only Linux partitions (created from a previous Linux installation). This does not remove other partitions you may have on your storage device(s) (such as VFAT or FAT32).

Tip: This option will remove data from the selected device(s). Make sure you have backups.



Shrink Current System

Shrinks existing partitions to create free space for the default layout.



Use Free Space

Retains your current data and partitions and uses only the unpartitioned space on the selected device(s), assuming you have enough free space available.



Create Custom Layout

Manually create your own custom layout on the selected device(s) using our partitioning tool.

☐ Encrypt system

☐ Review and modify partitioning layout

← Back

Next →

Below are the storage devices you've selected to be a part of this installation. Please indicate using the arrows below which devices you'd like to use as data drives (these will not be formatted, only mounted) and which devices you'd like to use as system drives (these may be formatted). Please also indicate which system drive will have the bootloader installed.

Data Storage Devices (to be mounted only)

Model	Capacity	Vendor	Identifi
VMware, VMware Virtual S	4096 MB	VMware_	pci-000
VMware, VMware Virtual S	4096 MB	VMware_	pci-000
VMware, VMware Virtual S	4096 MB	VMware_	pci-000
VMware, VMware Virtual S	4096 MB	VMware_	pci-000
VMware, VMware Virtual S	4096 MB	VMware_	pci-000



Install Target Devices

Boot Loader	Model	Cap
<input checked="" type="radio"/>	VMware, VMware Virtual S	307



Tip: Install target devices will be reformatted and wiped of any data. Make sure you have backups.

← Back

Next →

Below are the storage devices you've selected to be a part of this installation. Please indicate using the arrows below which devices you'd like to use as data drives (these will not be formatted, only mounted) and which devices you'd like to use as system drives (these may be formatted). Please also indicate which system drive will have the bootloader installed.

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VMware, VMware Virtual S			
VMware, VMware Virtual S			
VMware, VMware Virtual S			

Install Target Devices

Boot Loader	Model	Cap
<input checked="" type="radio"/>	VMware, VMware Virtual S	307

Writing storage configuration to disk



The partitioning options you have selected will now be written to disk. Any data on deleted or reformatted partitions will be lost.

Go back

Write changes to disk

Tip: Install target devices will be reformatted and wiped of any data. Make sure you have backups.

← Back

Next →

The default installation of CentOS is a minimum install. You can optionally select a different set of software now.

- ☒ Desktop
- ☐ Minimal Desktop
- ☐ Minimal
- ☐ Basic Server
- ☐ Database Server
- ☐ Web Server
- ☐ Virtual Host
- ☐ Software Development Workstation

Please select any additional repositories that you want to use for software installation.

☒ CentOS

+ Add additional software repositories

Modify repository

You can further customize the software selection now, or after install via the software management application.

☒ Customize later ☐ Customize now

← Back

Next →

CentOS 6

Community ENTERprise Operating System



Installation Starting

Starting installation process



← Back

Next →

CentOS 6

Community ENTERprise Operating System



Packages completed: 162 of 1123

Installing binutils-2.20.51.0.2-5.44.el6.x86_64 (9 MB)
A GNU collection of binary utilities

← Back

Next →



Congratulations, your CentOS installation is complete.

Please reboot to use the installed system. Note that updates may be available to ensure the proper functioning of your system and installation of these updates is recommended after the reboot.

 Back

 Reboot

› Welcome
License
Information
Create User
Date and Time
Kdump

Welcome

There are a few more steps to take before your system is ready to use.
The Setup Agent will now guide you through some basic configuration.
Please click the "Forward" button in the lower right corner to continue



Back

Forward

Welcome

License Information

Create User

Date and Time

Kdump

License Information

CentOS-6 EULA

CentOS-6 comes with no guarantees or warranties of any sorts, either written or implied.

The Distribution is released as GPLv2. Individual packages in the distribution come with their own licences. A copy of the GPLv2 license is included with the distribution media.

☒ Yes, I agree to the License Agreement

☐ No, I do not agree

Back

Forward

Passer cette étape

Welcome

License Information

Create User

Date and Time

Kdump

Create User

You must create a 'username' for regular (non-administrative) use of your system. To create a system 'username', please provide the information requested below.

Username:

Full Name:

Password:

Confirm Password:

If you need to use network authentication, such as Kerberos or NIS, please click the Use Network Login button.

Use Network Login...

If you need more control when creating the user (specifying home directory, and/or UID), please click the Advanced button.

Advanced...

Back

Forward

Welcome

License

Information

» Create User

Date and Time

Kdump

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Use Network Login...

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Advanced...

Back

Forward

You did not set up an user account capable of logging into the system. Are you sure you want to continue?

No

Yes

L'heure plustard

Welcome

License

Information

Create User

» Date and Time

Kdump

Date and Time

Please set the date and time for the system.

Date and Time

Current date and time: Wed 23 Jun 2021 01:29:56 PM CEST

☐ Synchronize date and time over the network

Manually set the date and time of your system:

Date

< June >

< 2021 >

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3
4	5	6	7	8	9	10

Time

Hour:

Minute:

27

Second:

30

Back

Forward

Welcome
License
Information
Create User
Date and Time
› Kdump

Kdump

Kdump is a kernel crash dumping mechanism. In the event of a system crash, kdump will capture information from your system that can be invaluable in determining the cause of the crash. Note that kdump does require reserving a portion of system memory that will be unavailable for other uses.

☐ Enable kdump?

Total System Memory (MB): 1990

Kdump Memory (MB): 128

Usable System Memory (MB): 1862

Advanced kdump configuration

```
# makedumpfile, the default one, to retrieve your core,
# which on some arches can drastically reduce core file
# size. See /usr/sbin/makedumpfile --help for a list of
# options. Note that the -i and -g options are not
# needed here, as the initrd will automatically be
# populated with a config file appropriate for the
# running kernel.
# For ssh dump, scp should be used instead of cp.
#
# raw <partition> - Will write /proc/vmcore into raw <partition>.
#
# nfs <nfs mount> - Will mount fs and copy /proc/vmcore to
# <mnt> /<path> /%HOST-%DATE/, supports DNS.
#
# nfs4 <nfs mount> - Will use NFSv4 instead of NFSv3
#
# net <nfs mount> - This is a deprecated option to transfer vmcore
# nfs. Use "nfs" option instead.
```

Back

Finish

Welcome
License
Information
Create User
Date and Time
› Kdump

Kdump

Kdump is a kernel crash dumping mechanism. In the event of a system crash, kdump will capture information from your system that can be invaluable in determining the cause of the crash. Note that kdump does require reserving a portion of system memory that will be unavailable for other uses.

☐ Enable kdump?

Total System Memory (MB): 1990

Kdump Memory (MB): 128

Usable System Memory (MB): 1862

Advanced kdump configuration

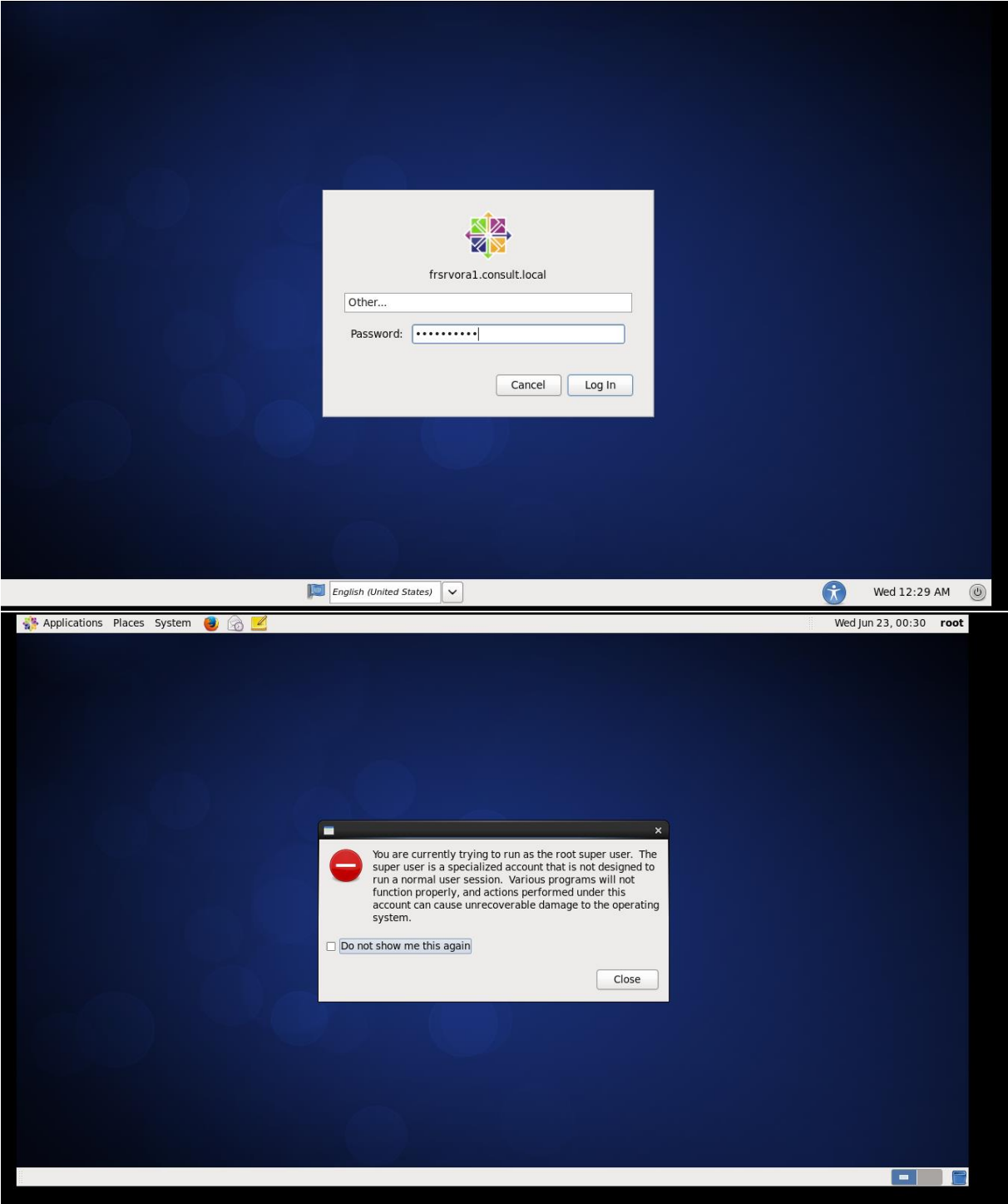
```
# makedumpfile, the default one, to retrieve your core,
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# size. See /usr/sbin/makedumpfile --help for a list of
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# nfs4 <nfs mount> - Will use NFSv4 instead of NFSv3
#
# net <nfs mount> - This is a deprecated option to transfer vmcore
# nfs. Use "nfs" option instead.
```

Changing Kdump settings requires rebooting the system to reallocate memory accordingly. Would you like to continue with this change and reboot the system after firstboot is complete?

No Yes

Back

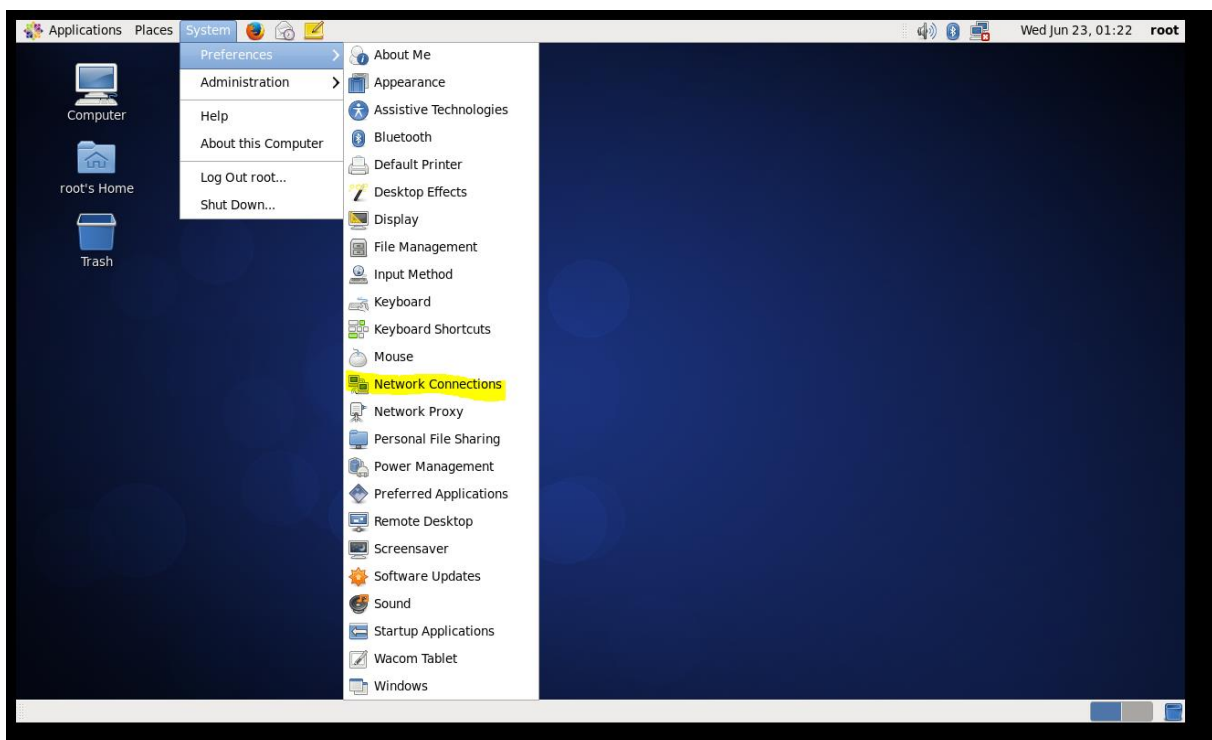
Finish

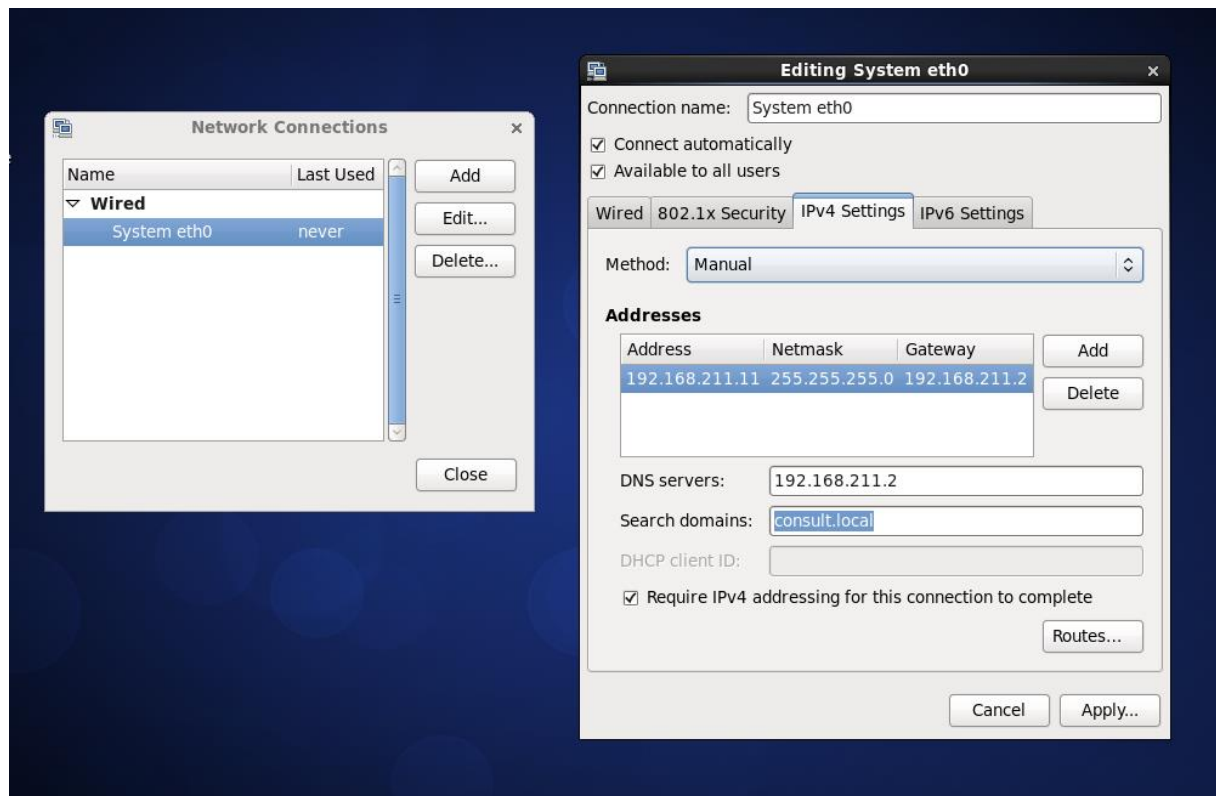


Taper `ipconfig /all` pour avoir la configuration réseaux du vmnet8 NAT

Carte Ethernet VMware Network Adapter VMnet8 :

```
Suffixe DNS propre à la connexion. . . . :  
Description. . . . . : VMware Virtual Ethernet Adapter  
for VMnet8  
Adresse physique . . . . . : 00-50-56-C0-00-08  
DHCP activé. . . . . : Oui  
Configuration automatique activée. . . : Oui  
Adresse IPv6 de liaison locale. . . . :  
fe80::b472:a27d:260c:d374%15(préféré)  
Adresse d'autoconfiguration IPv4 . . . : 169.254.211.116(préféré)  
Masque de sous-réseau. . . . . : 255.255.0.0  
Passerelle par défaut. . . . . :  
IAID DHCPv6 . . . . . : 1006653526  
DUID de client DHCPv6. . . . . : 00-01-00-01-27-41-77-FB-00-D8-61-  
07-13-E0  
Serveurs DNS. . . . . : fec0:0:0:ffff::1%1  
                        fec0:0:0:ffff::2%1  
                        fec0:0:0:ffff::3%1  
NetBIOS sur Tcpip. . . . . : Activé
```





Cliquer sur apply et close

Telecharger et installer putty et Xming par défaut.

PuTTY Configuration

Category:

- Session
 - Logging
- Terminal
 - Keyboard
 - Bell
 - Features
- Window
 - Appearance
 - Behaviour
 - Translation
 - Selection
 - Colours
- Connection
 - Data
 - Proxy
 - SSH
 - Kex
 - Host keys
 - Cipher
 - Auth
 - TTY
 - X11
 - Tunnels
 - Bugs

Basic options for your PuTTY session

Specify the destination you want to connect to

Host Name (or IP address) Port

192.168.211.11 22

Connection type:

☒ SSH ☐ Serial ☐ Other: Telnet

Load, save or delete a stored session

Saved Sessions

FRSRVORA1

Default Settings
FRSRVORA1

Load Save Delete

Close window on exit

☐ Always ☐ Never ☒ Only on clean exit

About Help Open Cancel

Category:

- Keyboard
- Bell
- Features
- Window
 - Appearance
 - Behaviour
 - Translation
- Selection
- Colours
- Connection
 - Data
 - Proxy
 - SSH
 - Kex
 - Host keys
 - Cipher
 - Auth
 - TTY
 - X11**
 - Tunnels
 - Bugs
 - More bugs
- Serial
- Telnet

Options controlling SSH X11 forwarding

X11 forwarding

☒ Enable X11 forwarding

X display location

192.168.221.1:0.0

Remote X11 authentication protocol

☒ MIT-Magic-Cookie-1☐ XDM-Authorization-1

X authority file for local display

Browse...

About

Help

Open

Cancel