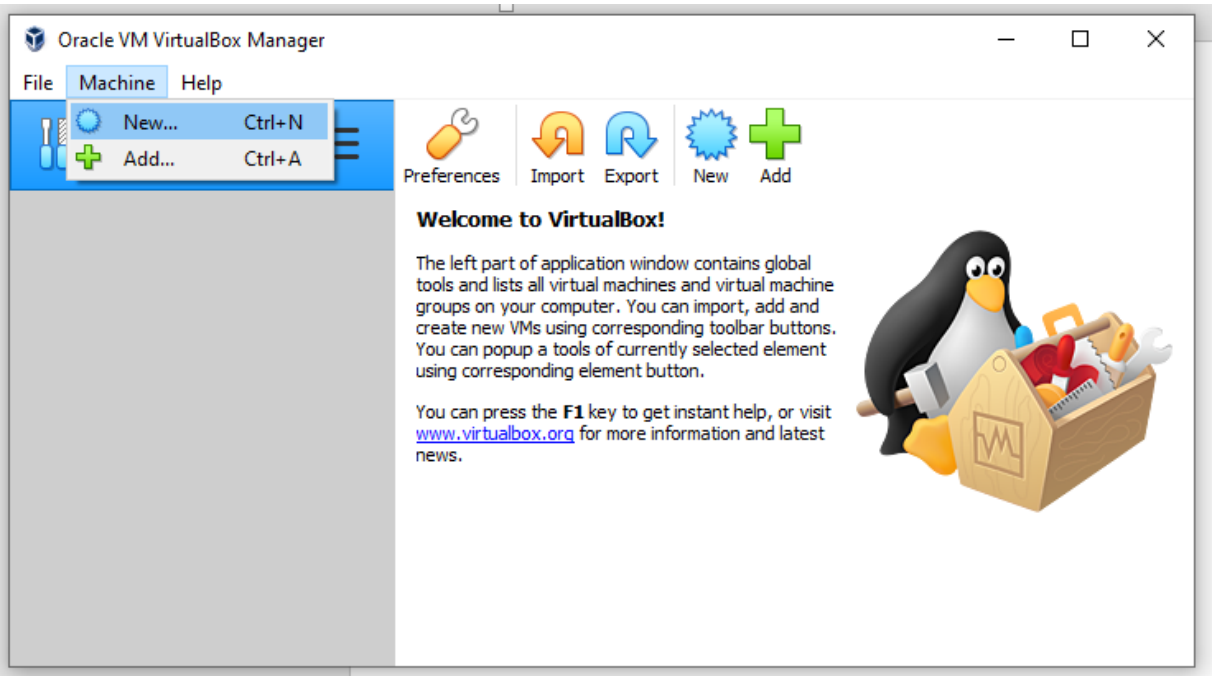
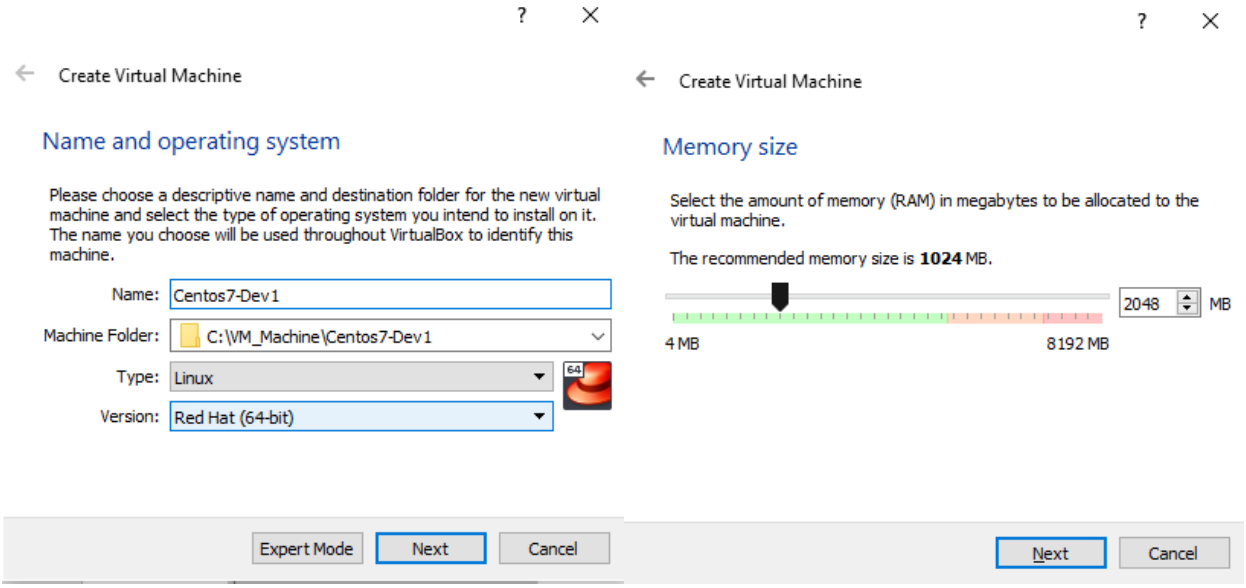
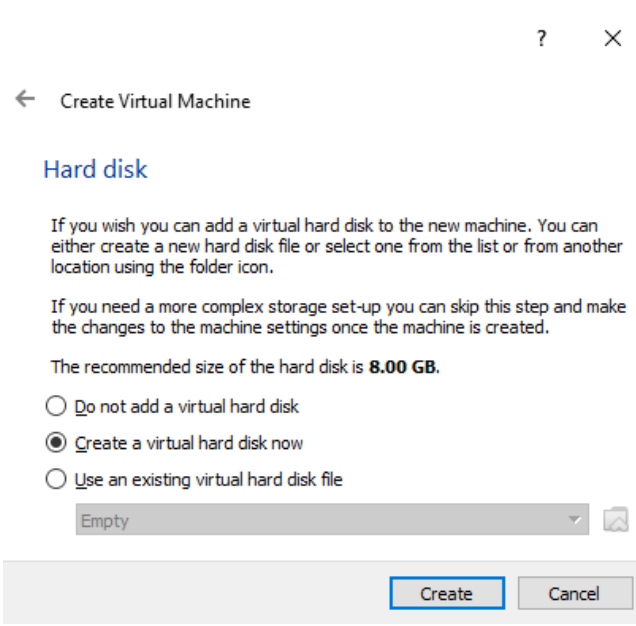
VM installing steps for Virtual Box:

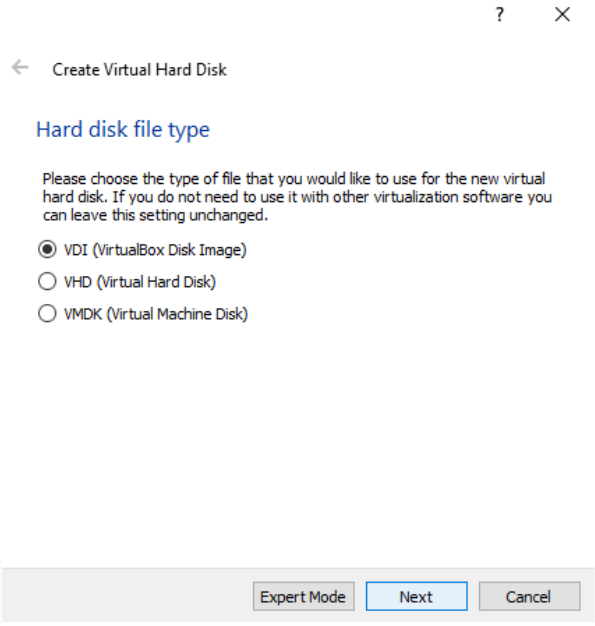
Download virtual box from below site:

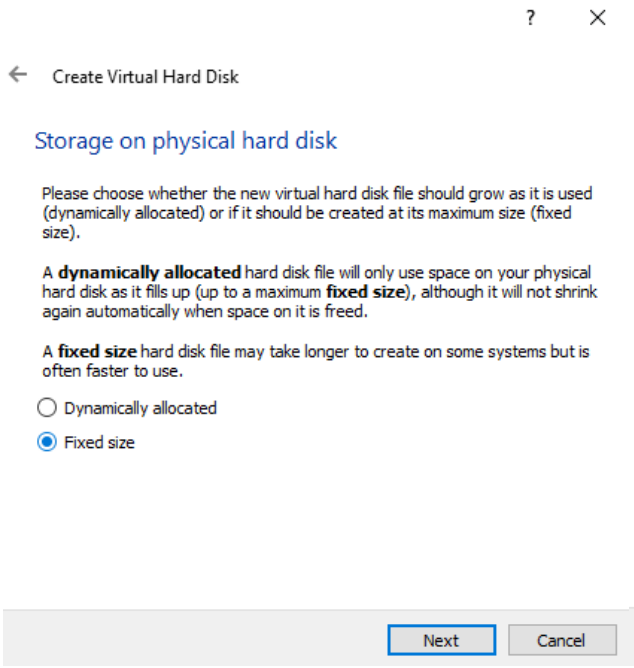
https://www.virtualbox.org/

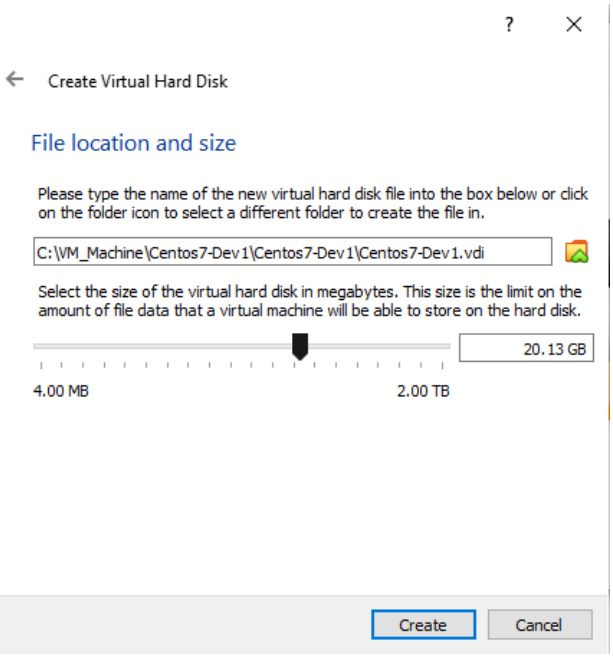


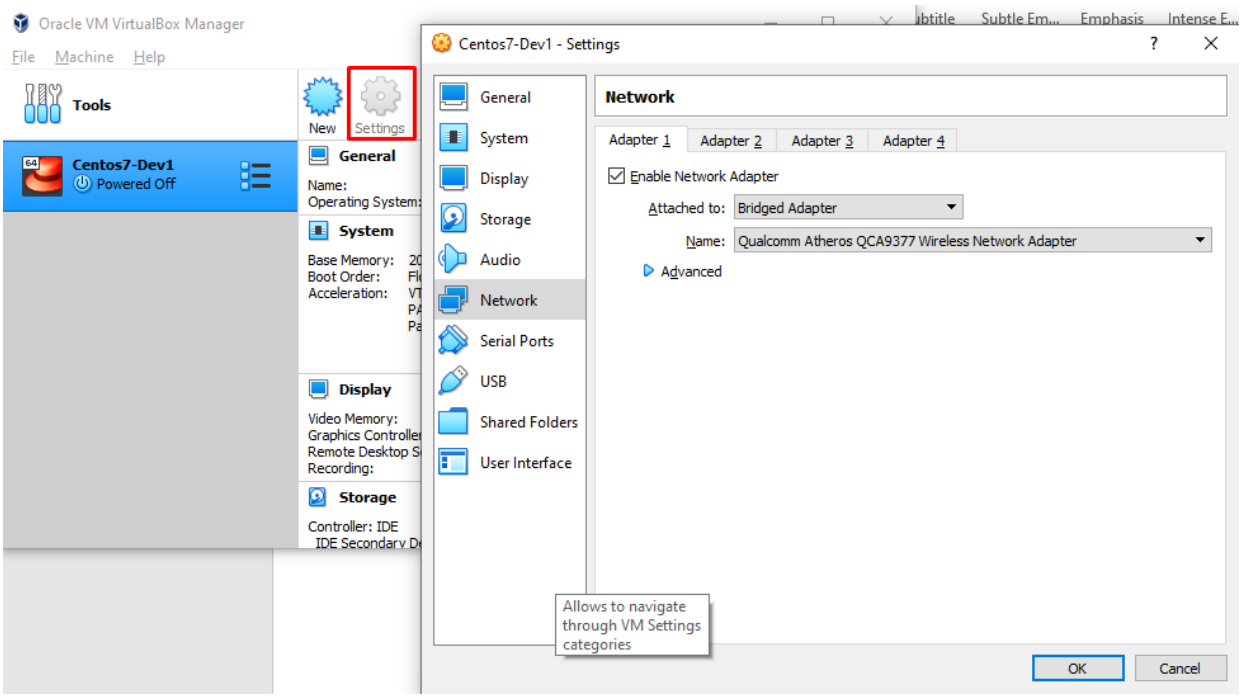


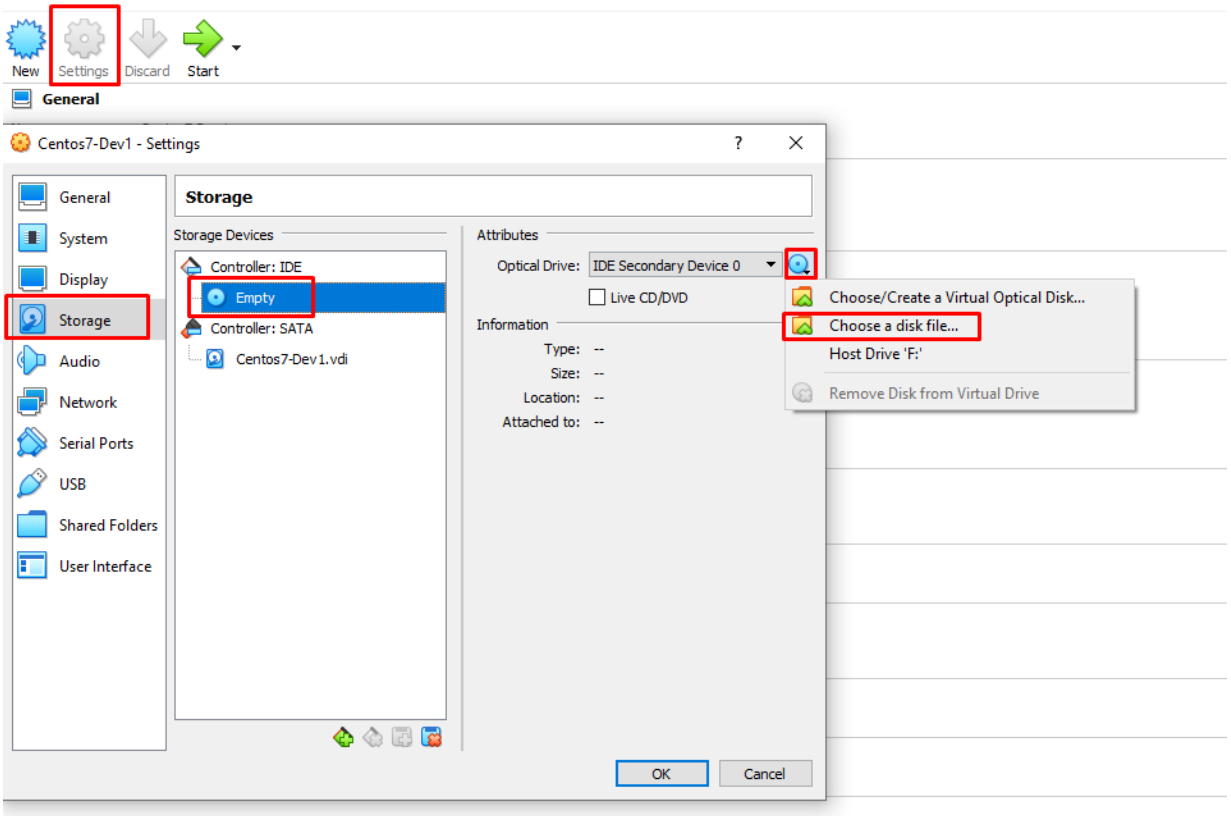

Create Virtual Machine
Hard disk
If you wish you can add a virtual hard disk to the new machine. You can either create a new hard disk file or select one from the list or from another location using the folder icon.
If you need a more complex storage set-up you can skip this step and make the changes to the machine settings once the machine is created.
The recommended size of the hard disk is 8.00 GB.
Do not add a virtual hard disk
Create a virtual hard disk now
Use an existing virtual hard disk file
Empty
Create
Cancel

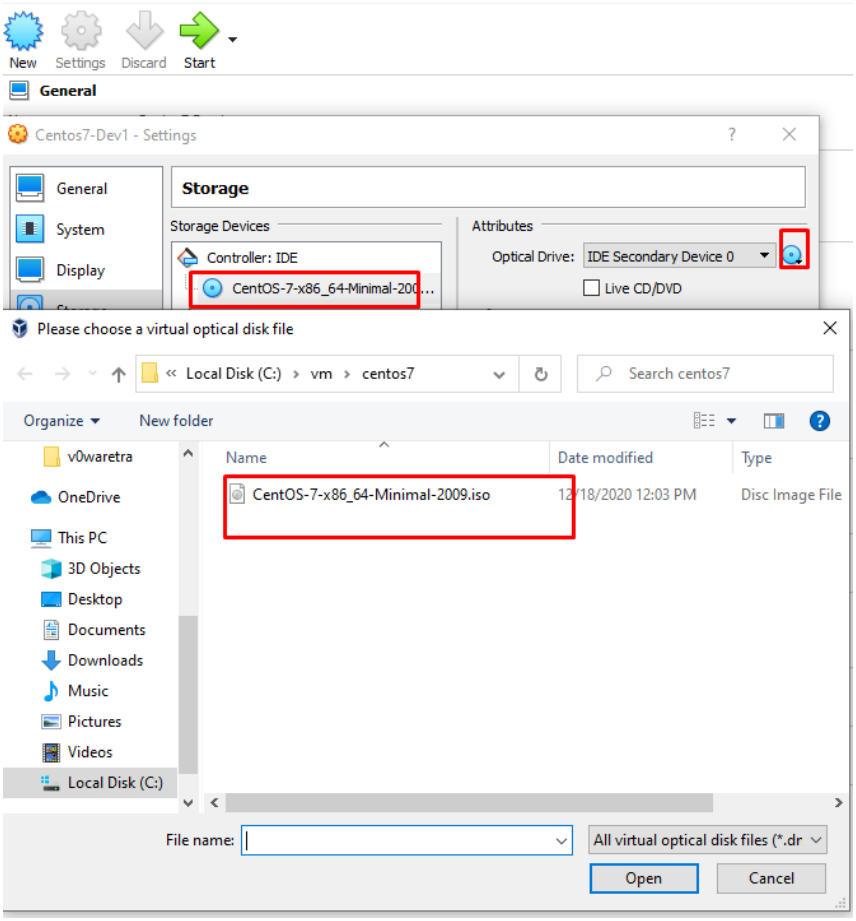

Create Virtual Hard Disk
Hard disk file type
Please choose the type of file that you would like to use for the new virtual hard disk. If you do not need to use it with other virtualization software you can leave this setting unchanged.
VDI (VirtualBox Disk Image)
VHD (Virtual Hard Disk)
VMDK (Virtual Machine Disk)
Expert Mode
Next
Cancel

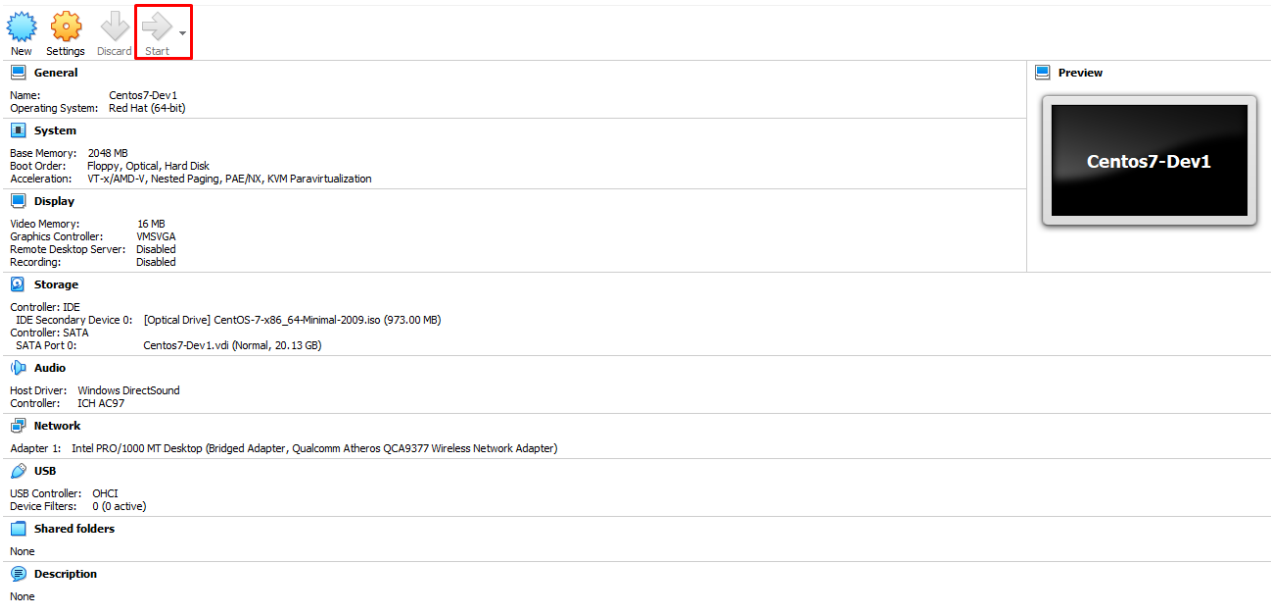

Create Virtual Hard Disk
Storage on physical hard disk
Please choose whether the new virtual hard disk file should grow as it is used (dynamically allocated) or if it should be created at its maximum size (fixed size).
A dynamically allocated hard disk file will only use space on your physical hard disk as it fills up (up to a maximum fixed size), although it will not shrink again automatically when space on it is freed.
A fixed size hard disk file may take longer to create on some systems but is often faster to use.
Dynamically allocated
Fixed size
Next
Cancel


Create Virtual Hard Disk
File location and size
Please type the name of the new virtual hard disk file into the box below or click on the folder icon to select a different folder to create the file in.
C:\VM_Machine\Centos7-Dev1\Centos7-Dev1\Centos7-Dev1.vdi
Select the size of the virtual hard disk in megabytes. This size is the limit on the amount of file data that a virtual machine will be able to store on the hard disk.
20.13 GB
4.00 MB
2.00 TB
Create
Cancel

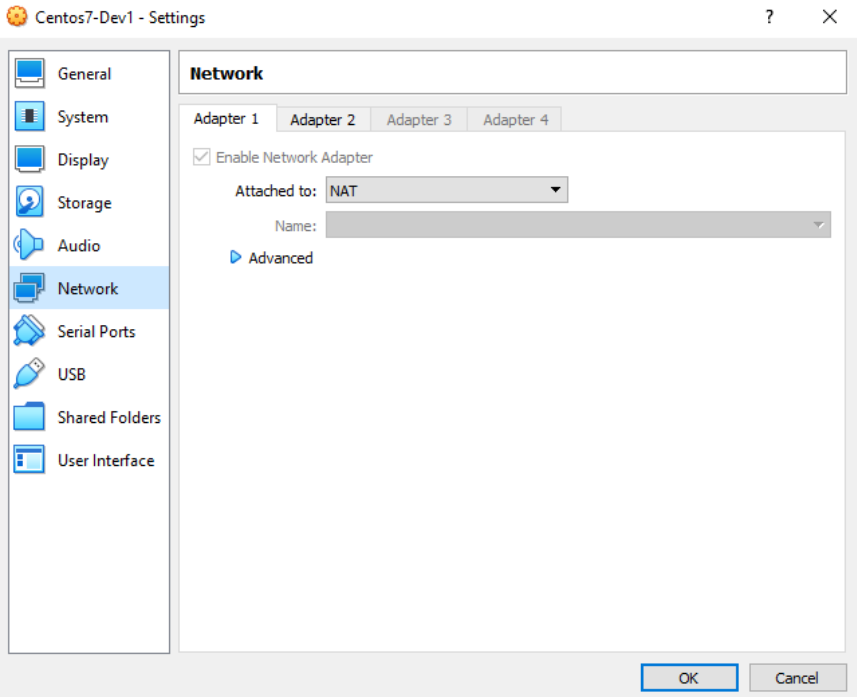
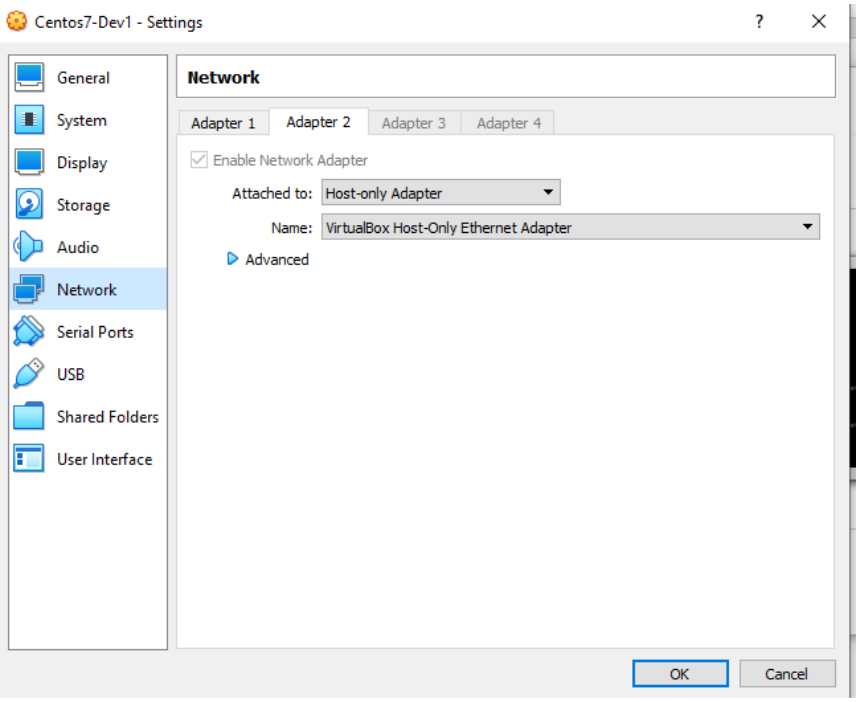

Oracle VM VirtualBox Manager
File Machine Help
Tools
Centos7-Dev1
Powered Off
New
Settings
General
Name:
Operating System:
System
Base Memory:
Boot Order:
Acceleration:
Display
Video Memory:
Graphics Controller
Remote Desktop S
Recording:
Storage
Controller: IDE
IDE Secondary D
Centos7-Dev1 - Settings
General
System
Display
Storage
Audio
Network
Serial Ports
USB
Shared Folders
User Interface
Network
Adapter 1
Adapter 2
Adapter 3
Adapter 4
Enable Network Adapter
Attached to:
Bridged Adapter
Name:
Qualcomm Atheros QCA9377 Wireless Network Adapter
Advanced
Allows to navigate through VM Settings categories
OK
Cancel


New
Settings
Discard
Start
General
Centos7-Dev1 - Settings
General
System
Display
Storage
Audio
Network
Serial Ports
USB
Shared Folders
User Interface
Storage
Storage Devices
Controller: IDE
Empty
Controller: SATA
Centos7-Dev1.vdi
Attributes
Optical Drive:
IDE Secondary Device 0
Live CD/DVD
Information
Type: --
Size: --
Location: --
Attached to: --
Choose/Create a Virtual Optical Disk...
Choose a disk file...
Host Drive 'F:'
Remove Disk from Virtual Drive
OK
Cancel


New
Settings
Discard
Start
General
Centos7-Dev1 - Settings
General
System
Display
Storage
Storage Devices
Controller: IDE
CentOS-7-x86_64-Minimal-200...
Attributes
Optical Drive:
IDE Secondary Device 0
Live CD/DVD
Please choose a virtual optical disk file
Local Disk (C:) › vm › centos7
Search centos7
Organize
New folder
v0waretra
OneDrive
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
Name
Date modified
Type
CentOS-7-x86_64-Minimal-2009.iso
12/18/2020 12:03 PM
Disc Image File
File name:
All virtual optical disk files (*.dr
Open
Cancel


New
Settings
Discard
Start
General
Name: Centos7-Dev1
Operating System: Red Hat (64-bit)
System
Base Memory: 2048 MB
Boot Order: Floppy, Optical, Hard Disk
Acceleration: VT-x/AMD-V, Nested Paging, PAE/NX, KVM Paravirtualization
Display
Video Memory: 16 MB
Graphics Controller: VMSVGA
Remote Desktop Server: Disabled
Recording: Disabled
Storage
Controller: IDE
IDE Secondary Device 0: [Optical Drive] CentOS-7-x86_64-Minimal-2009.iso (973.00 MB)
Controller: SATA
SATA Port 0: Centos7-Dev1.vdi (Normal, 20.13 GB)
Audio
Host Driver: Windows DirectSound
Controller: ICH AC97
Network
Adapter 1: Intel PRO/1000 MT Desktop (Bridged Adapter, Qualcomm Atheros QCA9377 Wireless Network Adapter)
USB
USB Controller: OHCI
Device Filters: 0 (0 active)
Shared folders
None
Description
None
Preview
Centos7-Dev1

Networking:

Setup the VirtualBox to use 2 adapters:

- The first adapter is set to **NAT** (that will give you the internet connection).
- The second adapter is set to **host only**. (for access from host device)