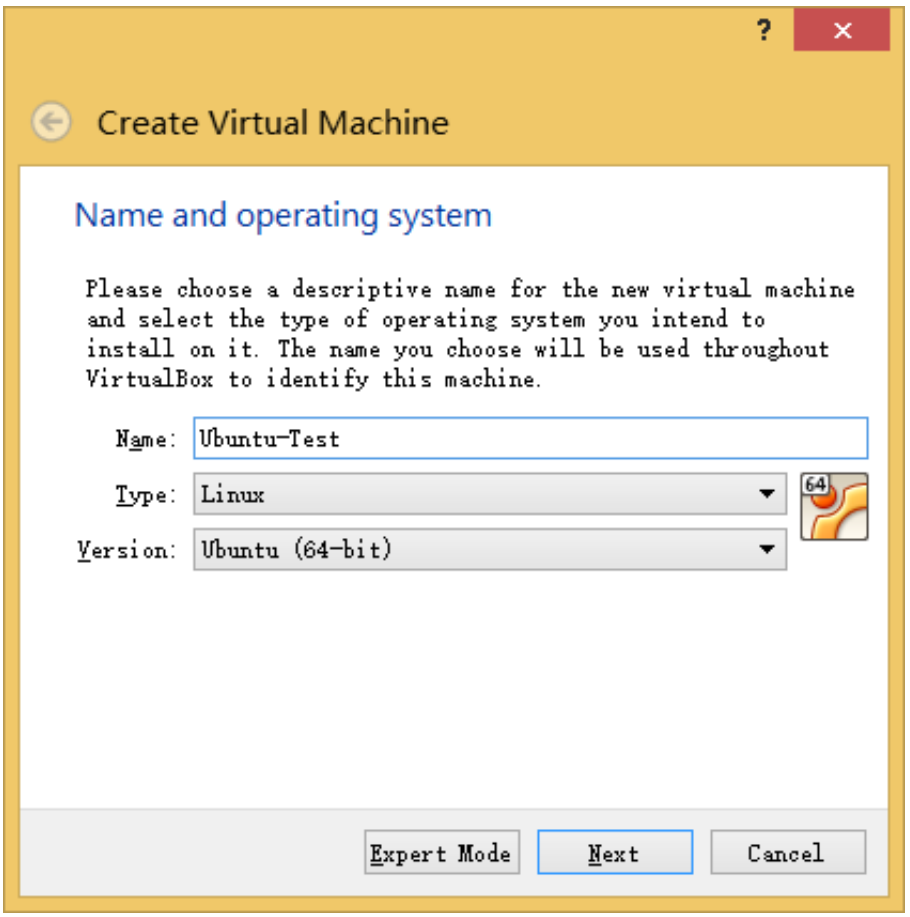
Create New VM

[Menu] Machine -> Add

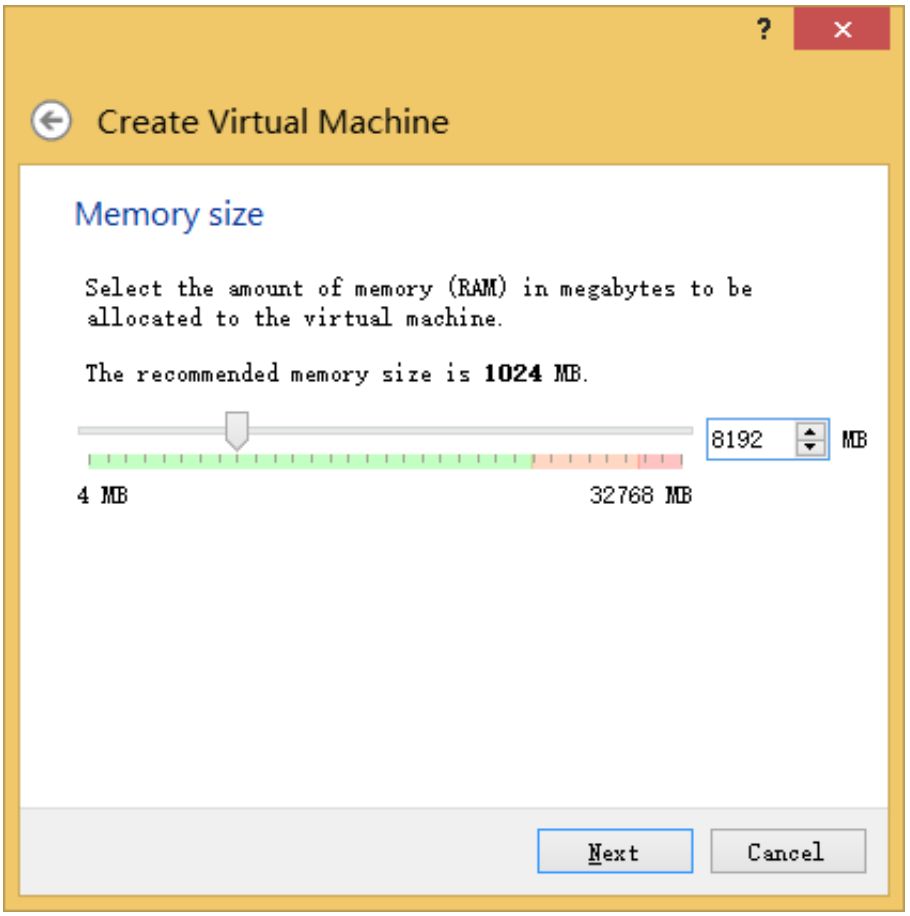


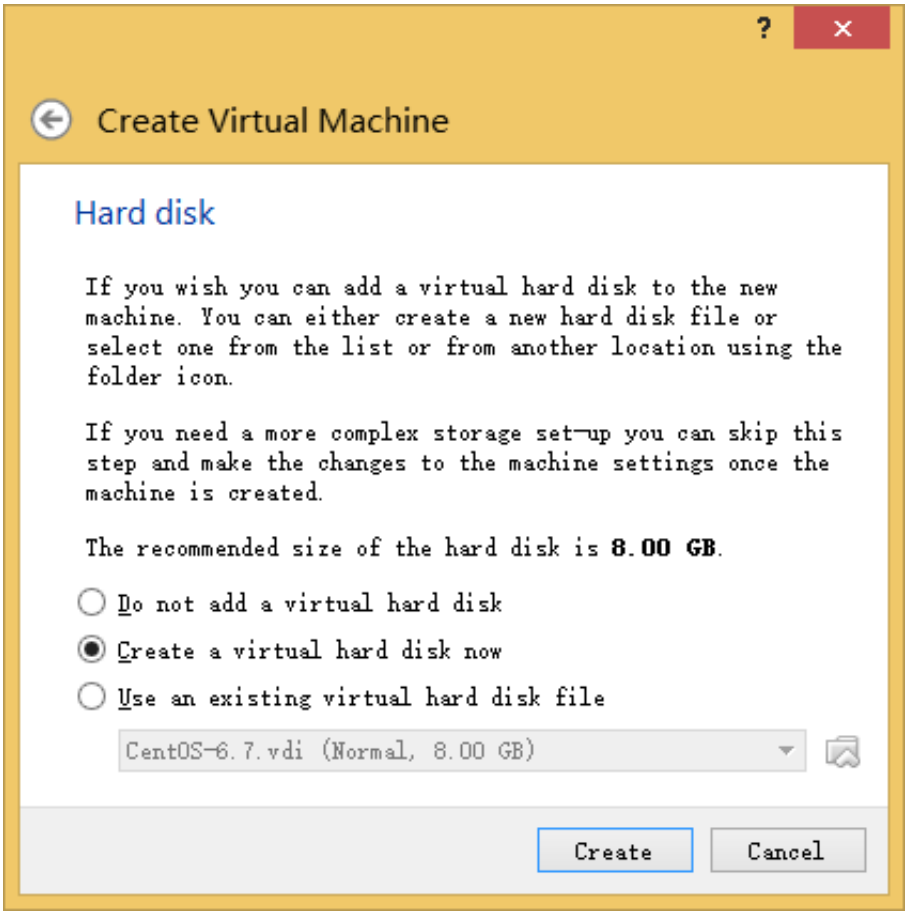
Memory

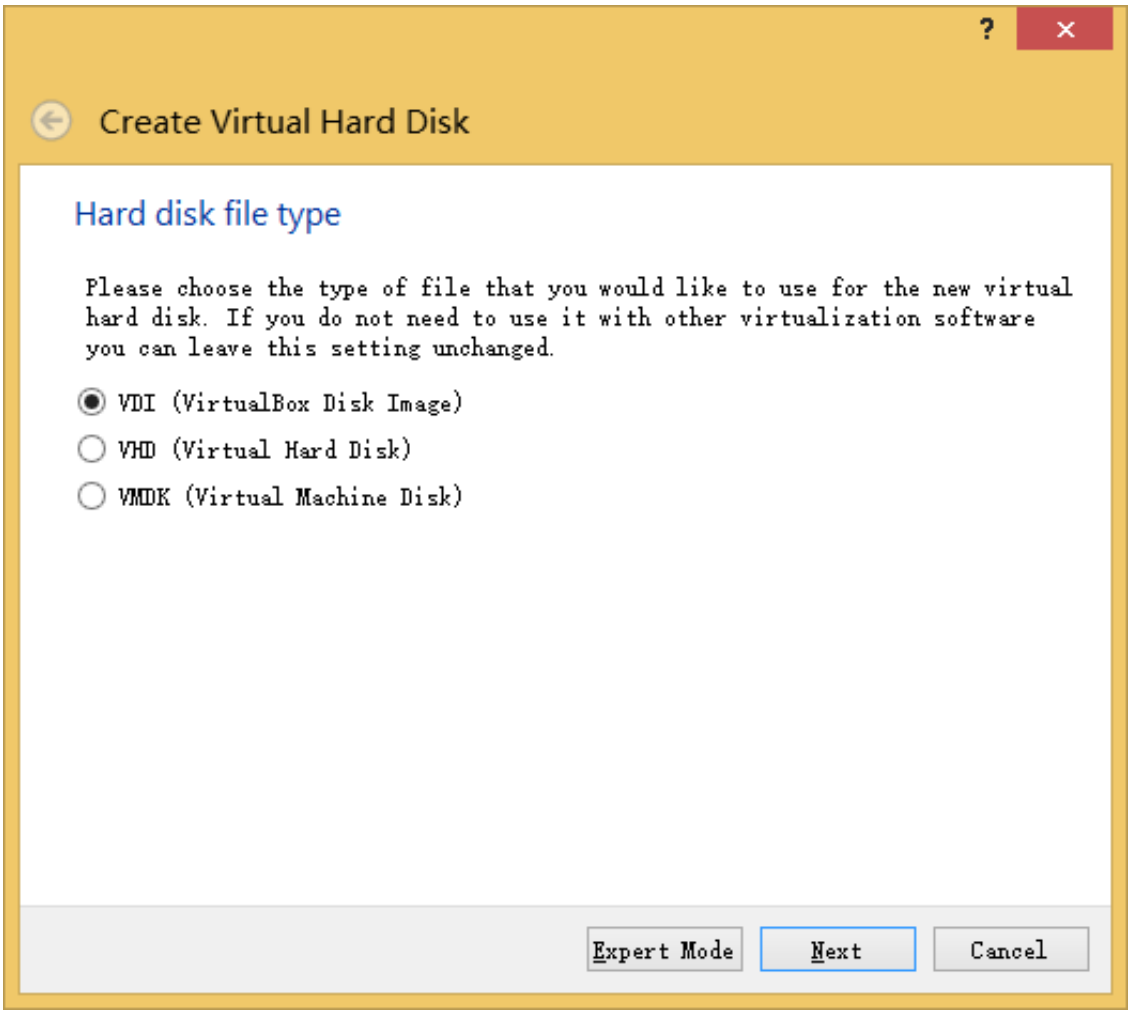
For docker : 8GB=8192MB

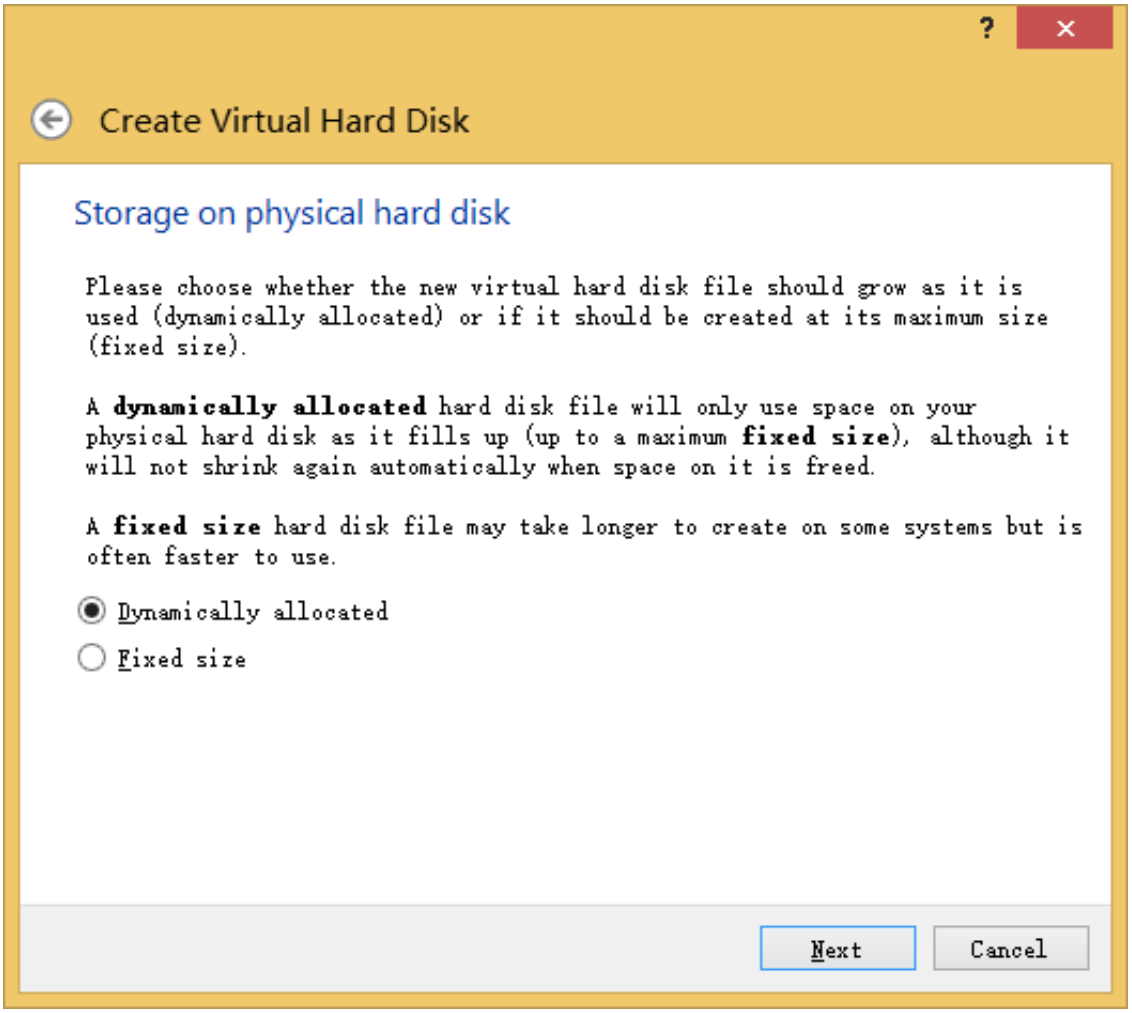
For Ubuntu Desktop : 4GB=4096MB

For Ubuntu Server : 4GB=4096MB


Create Virtual Machine
Memory size
Select the amount of memory (RAM) in megabytes to be allocated to the virtual machine.
The recommended memory size is 1024 MB.
8192
MB
4 MB
32768 MB
Next
Cancel


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
CentOS-6.7.vdi (Normal, 8.00 GB)
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

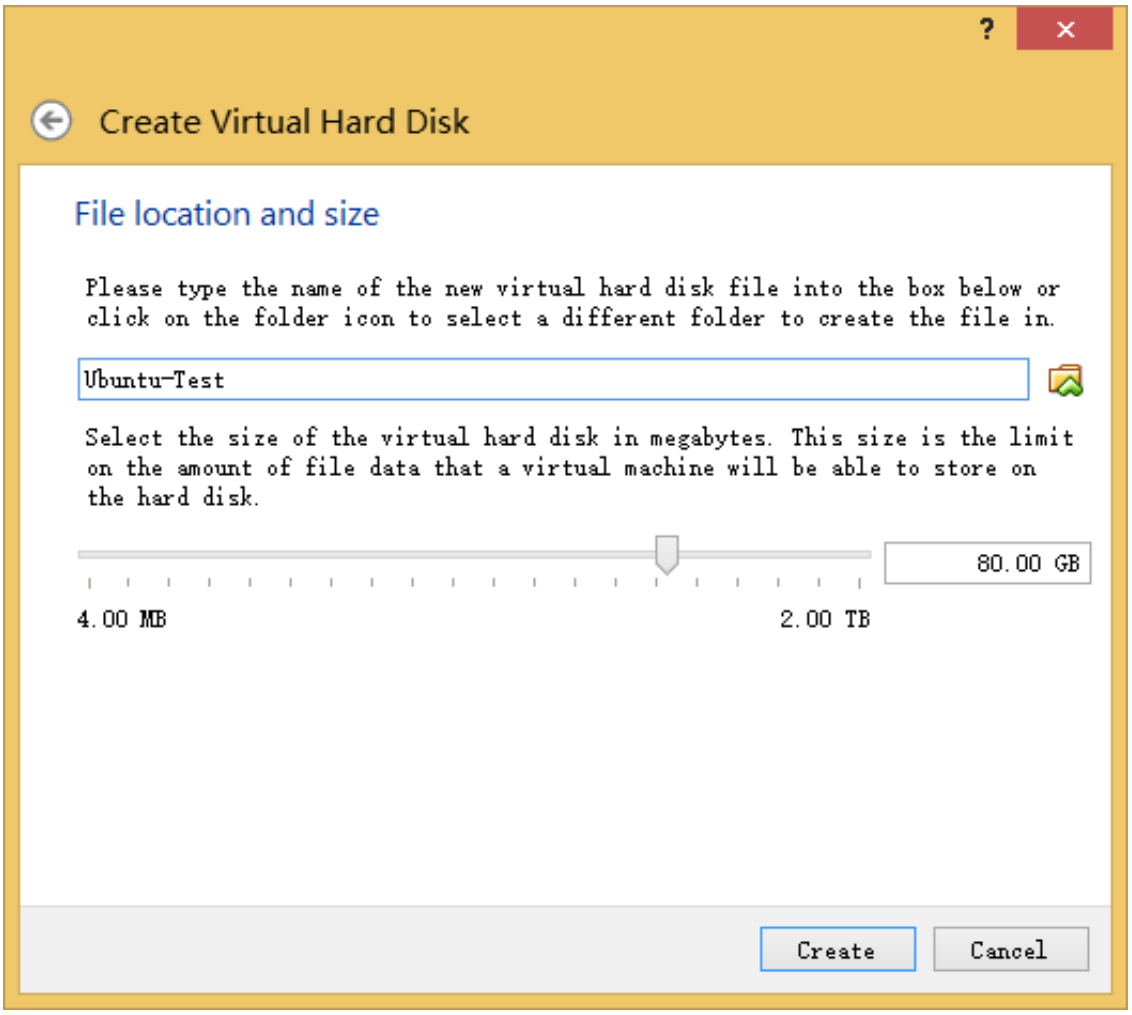

Create Virtual Hard Disk
Storage on physical hard disk
Please choose whether the new virtual hard disk file should grow as it is used (dynamically allocated) or if it should be created at its maximum size (fixed size).
A dynamically allocated hard disk file will only use space on your physical hard disk 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

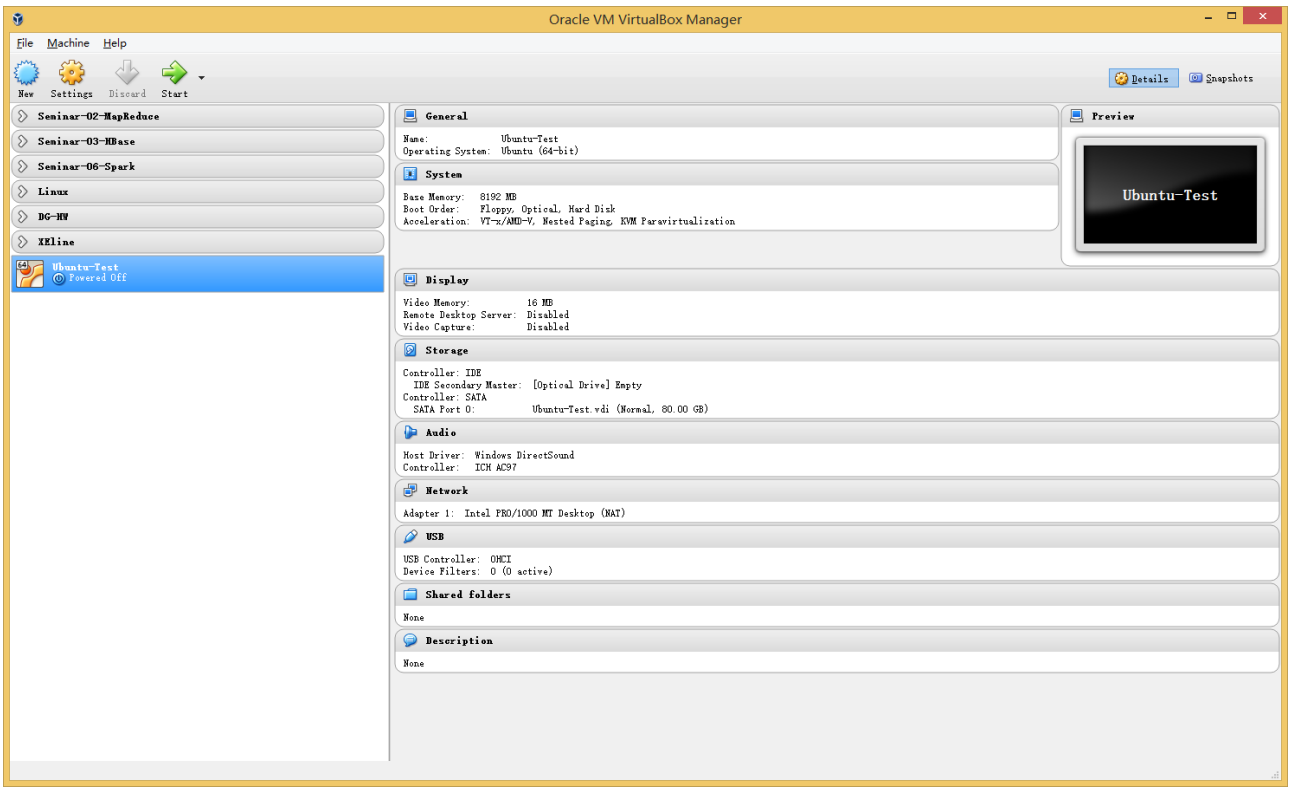
HDD Size

For docker : 80GB

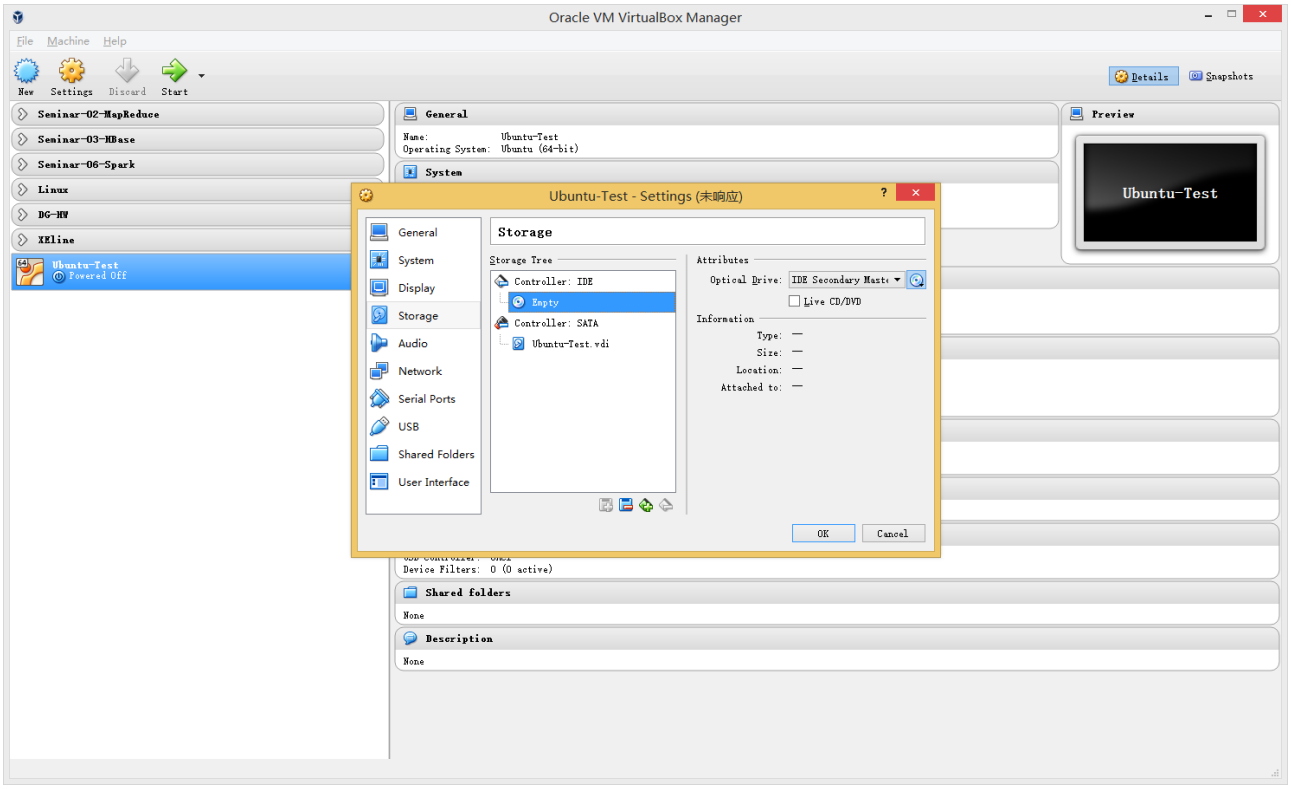
For Ubuntu Desktop : 40GB

For Ubuntu Server : 20GB



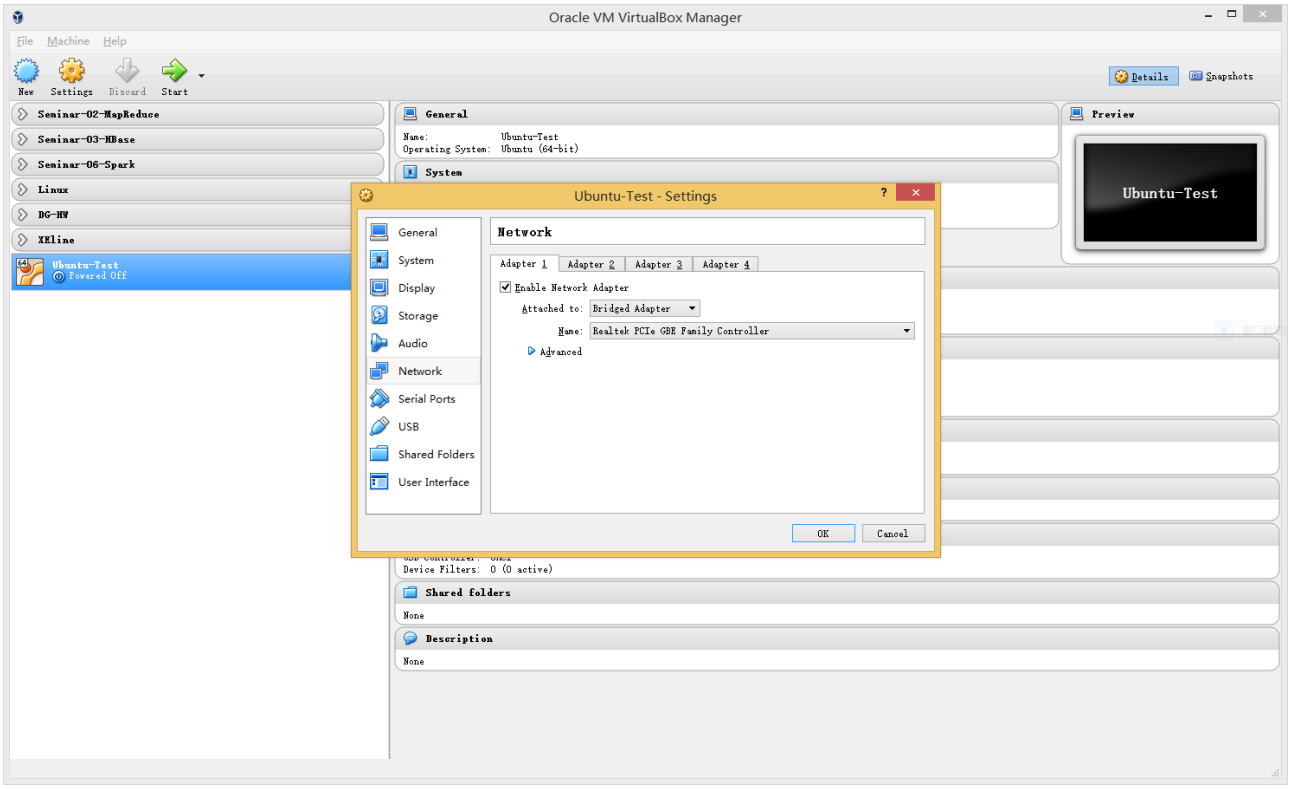


Insert ISO Disk



Network -> Adapter1 -> Attached to

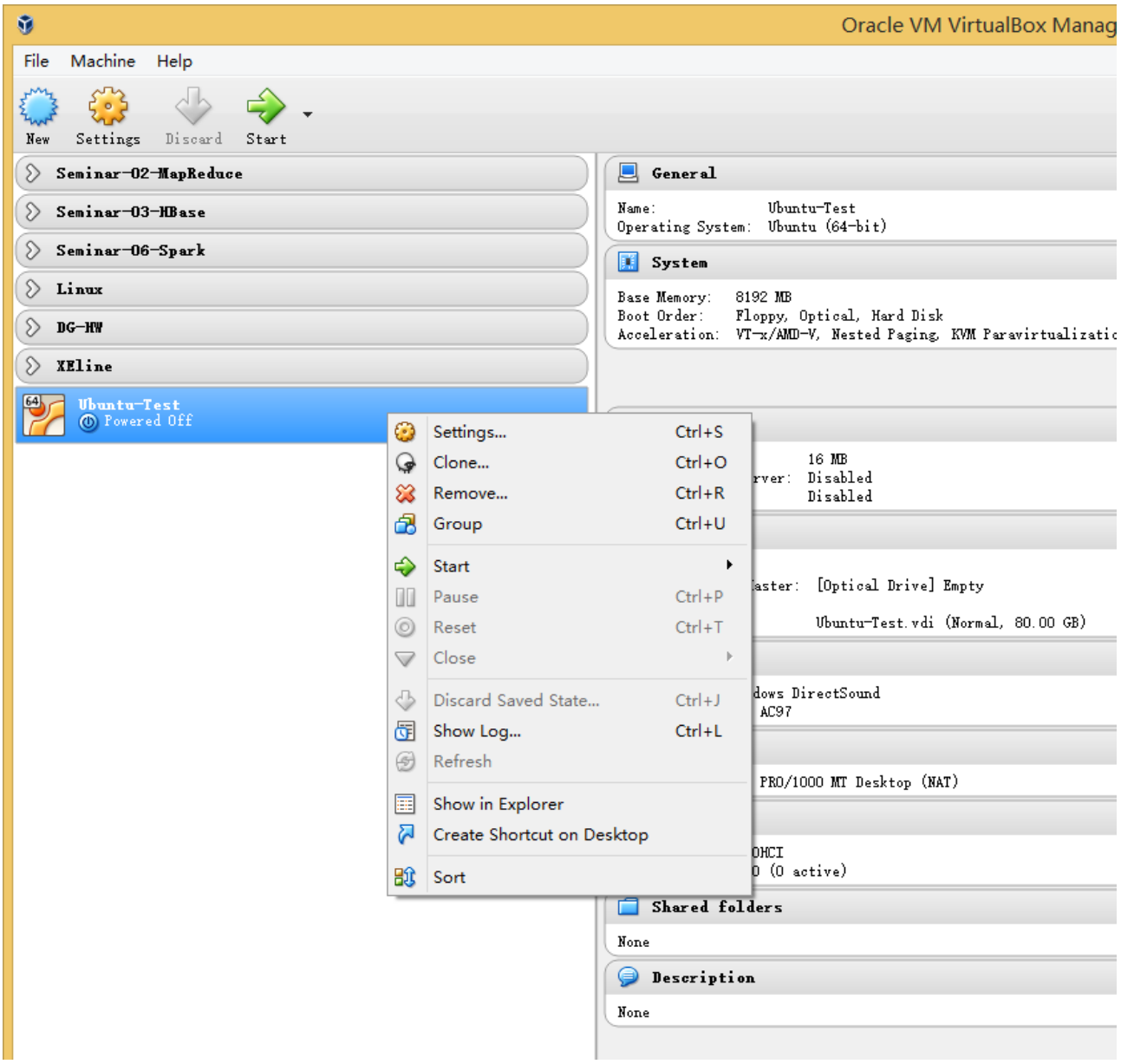
Bridged Adapter

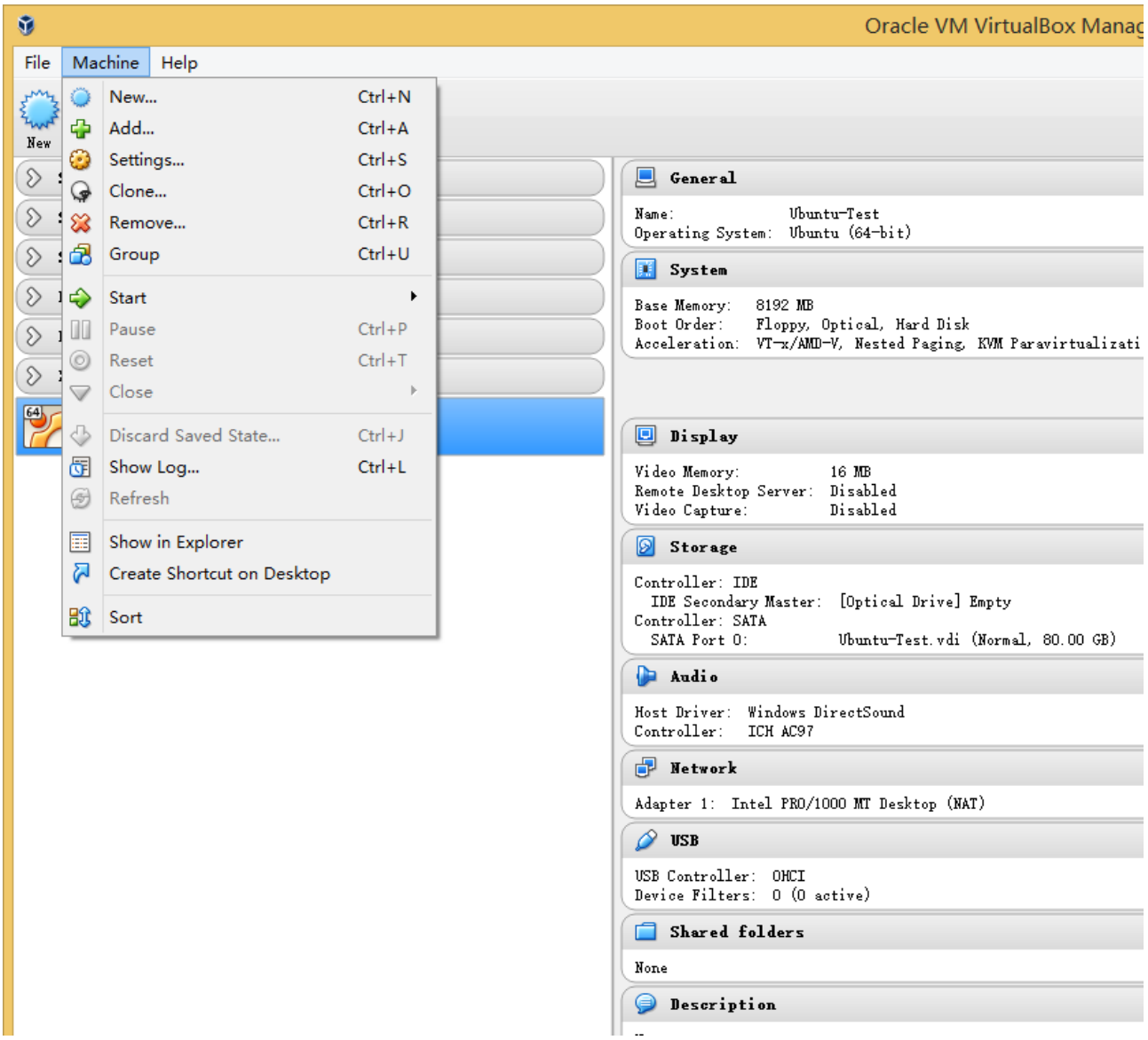


Clone

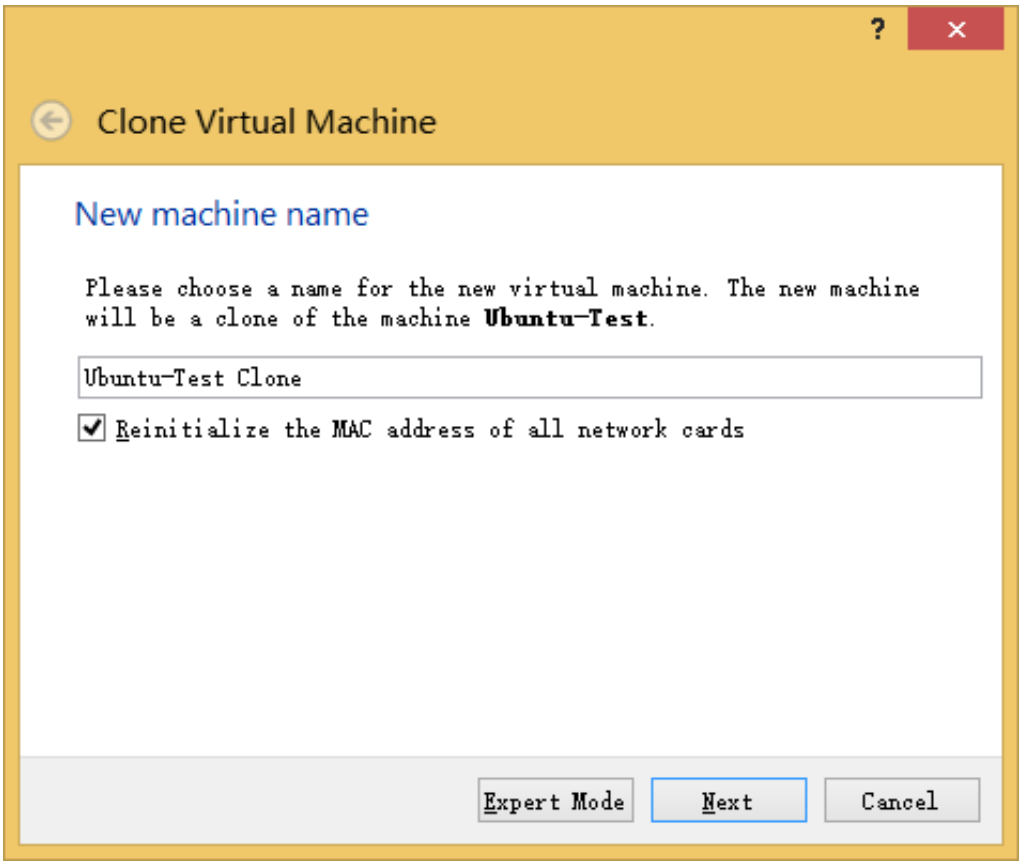
[Mouse] Right Click -> Clone

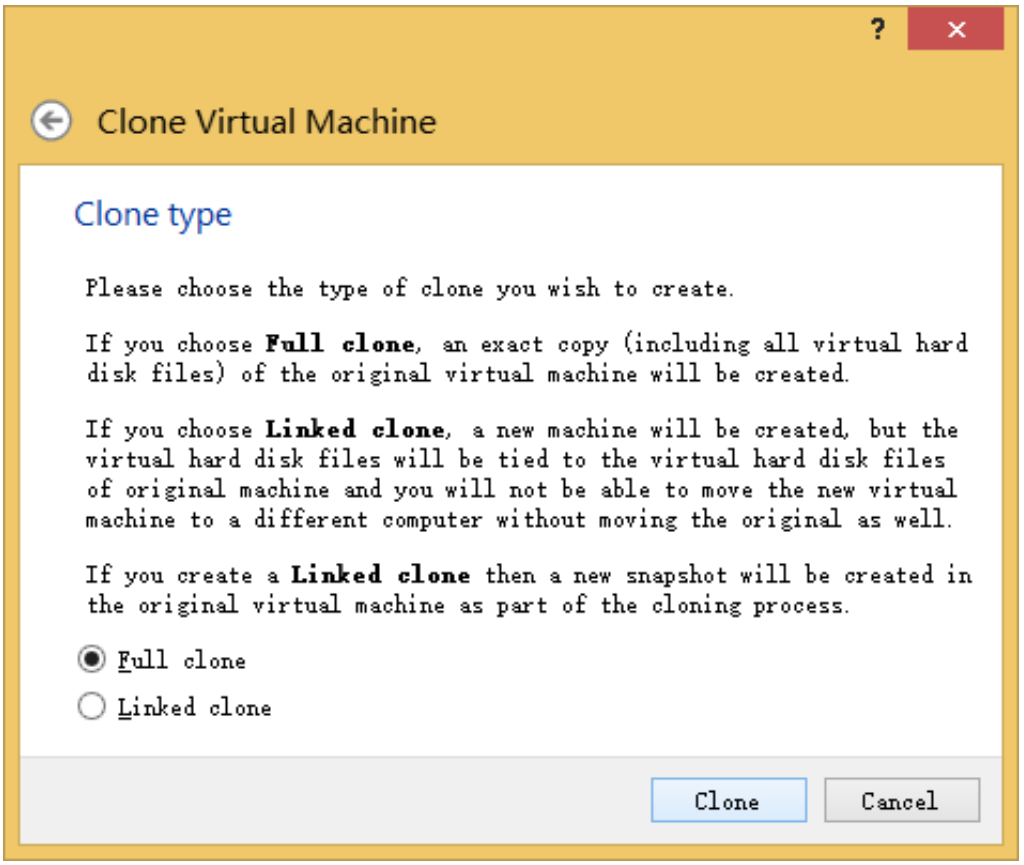
[Menu] Machine -> Clone

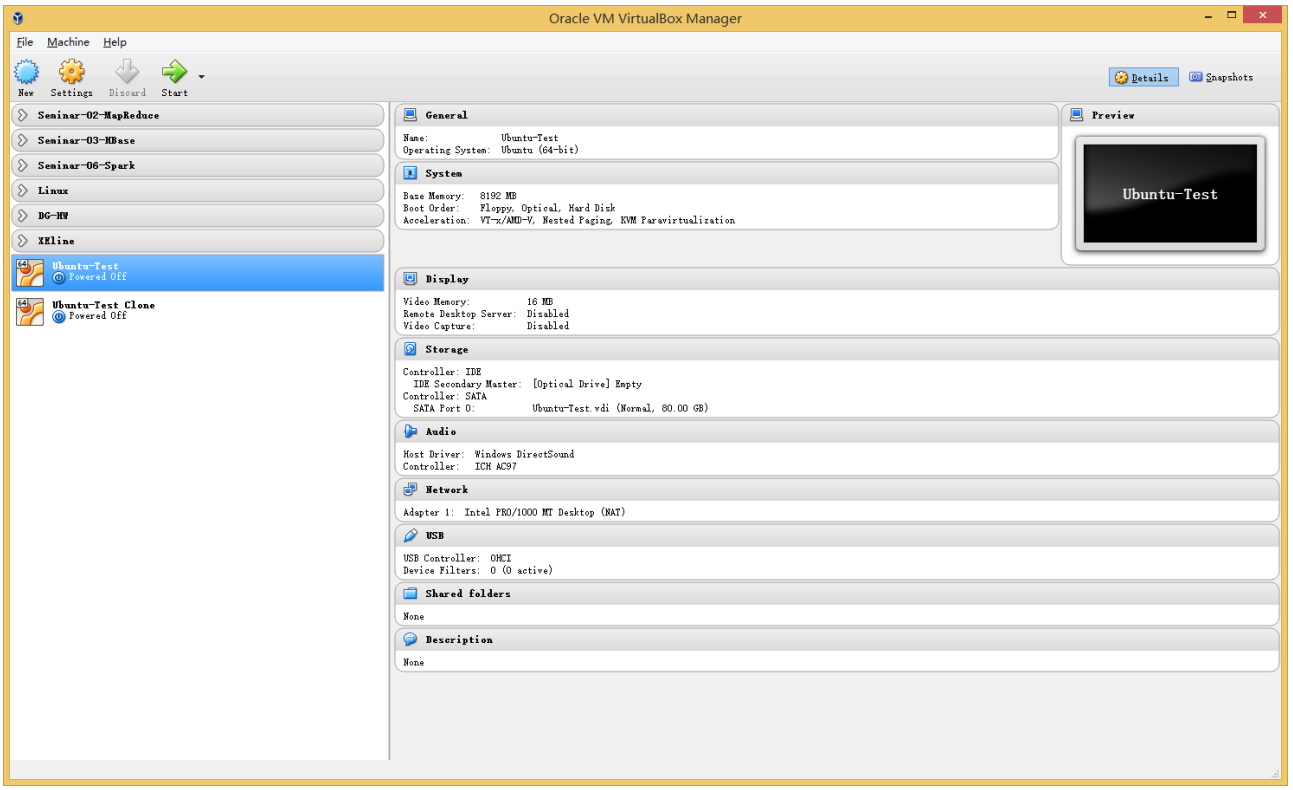

Oracle VM VirtualBox Manag
File
Machine
Help
New
Settings
Discard
Start
Seminar-02-MapReduce
Seminar-03-HBase
Seminar-06-Spark
Linux
DG-HW
XEline
Ubuntu-Test
Powered Off
Settings... Ctrl+S
Clone... Ctrl+O
Remove... Ctrl+R
Group Ctrl+U
Start
Pause Ctrl+P
Reset Ctrl+T
Close
Discard Saved State... Ctrl+J
Show Log... Ctrl+L
Refresh
Show in Explorer
Create Shortcut on Desktop
Sort
General
Name: Ubuntu-Test
Operating System: Ubuntu (64-bit)
System
Base Memory: 8192 MB
Boot Order: Floppy, Optical, Hard Disk
Acceleration: VT-x/AMD-V, Nested Paging, KVM Paravirtualizatio
16 MB
rver: Disabled
Disabled
aster: [Optical Drive] Empty
Ubuntu-Test.vdi (Normal, 80.00 GB)
dows DirectSound
AC97
PRO/1000 MT Desktop (NAT)
OHCI
0 (0 active)
Shared folders
None
Description
None



Reinitialize the Mac address

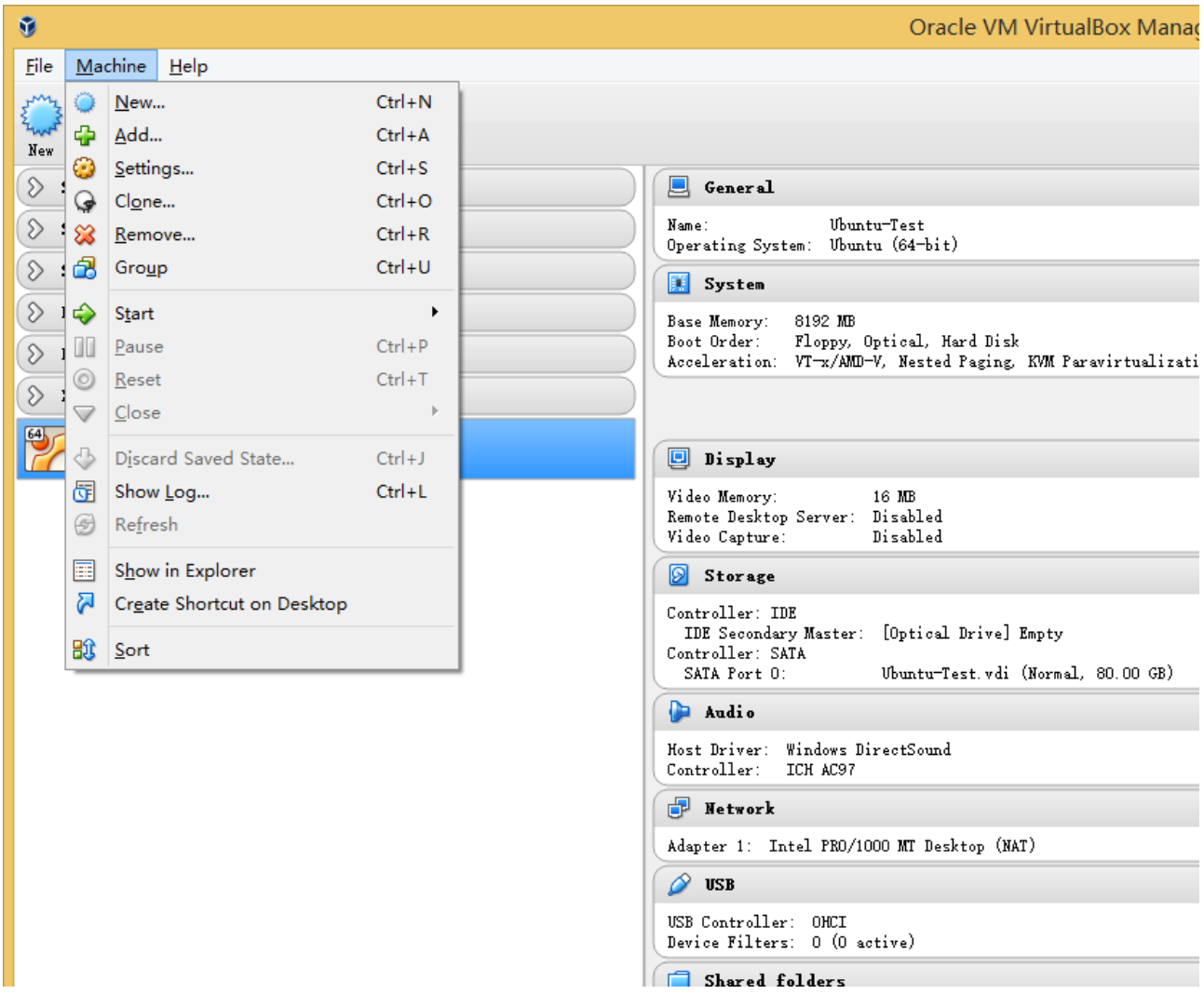

Clone Virtual Machine
New machine name
Please choose a name for the new virtual machine. The new machine will be a clone of the machine Ubuntu-Test.
Ubuntu-Test Clone
Reinitialize the MAC address of all network cards
Expert Mode
Next
Cancel

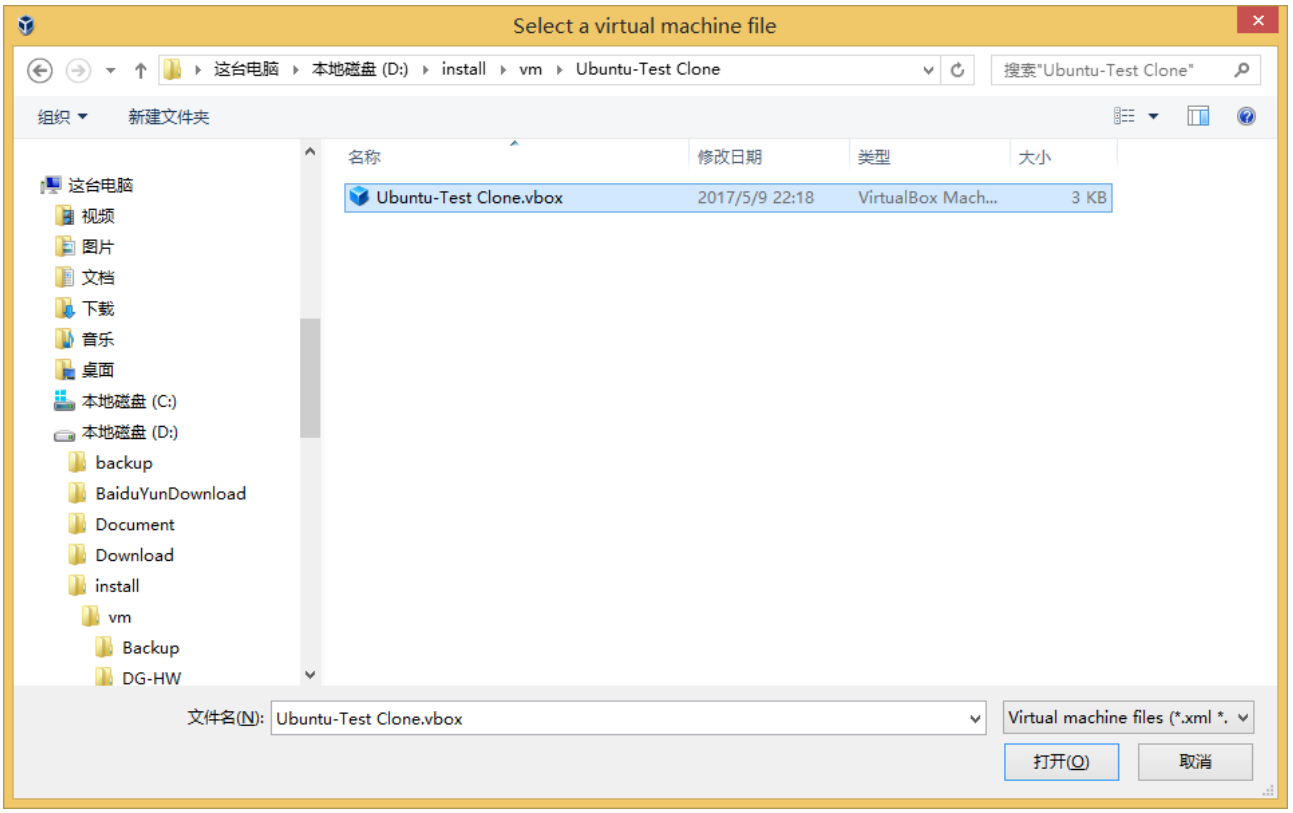

Clone Virtual Machine
Clone type
Please choose the type of clone you wish to create.
If you choose Full clone, an exact copy (including all virtual hard disk files) of the original virtual machine will be created.
If you choose Linked clone, a new machine will be created, but the virtual hard disk files will be tied to the virtual hard disk files of original machine and you will not be able to move the new virtual machine to a different computer without moving the original as well.
If you create a Linked clone then a new snapshot will be created in the original virtual machine as part of the cloning process.
Full clone
Linked clone
Clone
Cancel

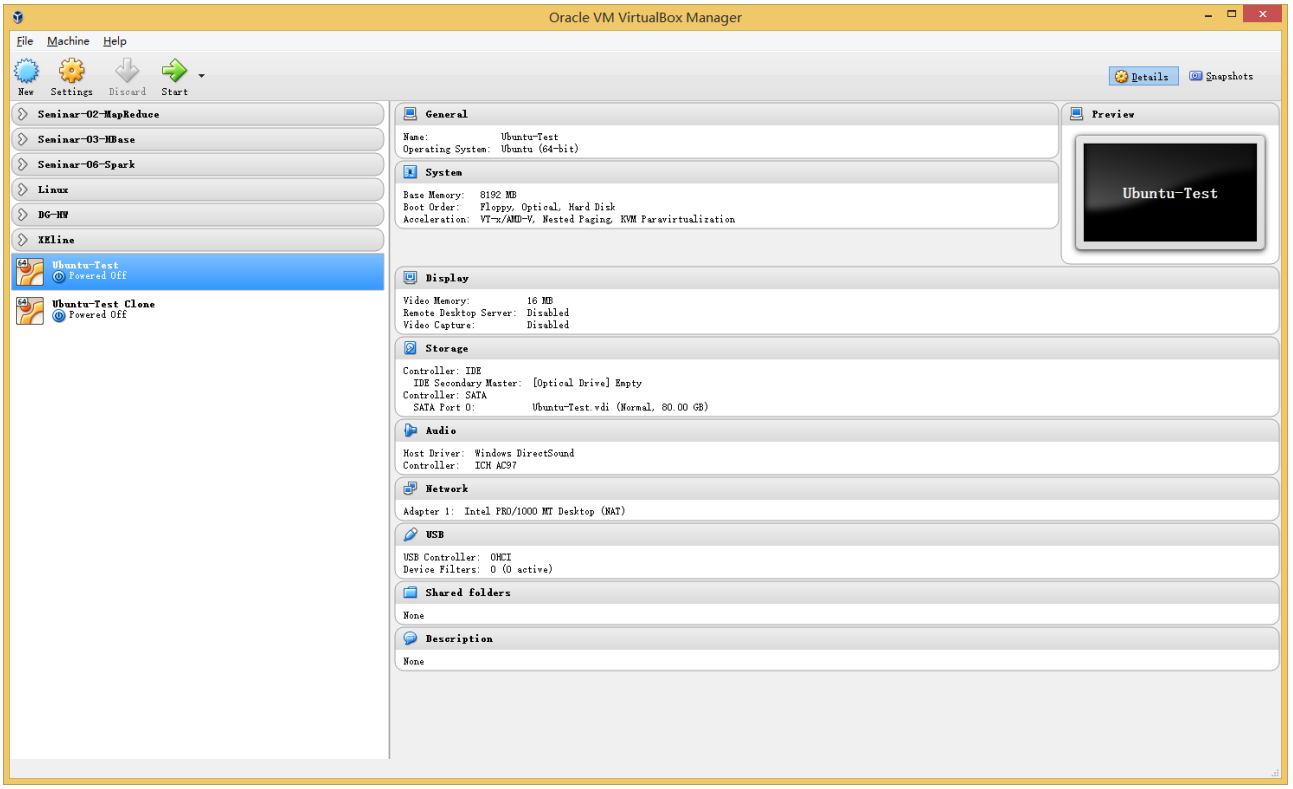


Import

[Menu] Machine -> Add







Account

username:root

password:ubuntu

username:testuser

password:testuser

Newwork

/etc/network/interfaces

Hadoop-NameNode 192.168.101.231

Hadoop-DataNode-1 192.168.101.232

Hadoop-DataNode-2 192.168.101.233

HBase-HMaster 192.168.101.231

HBase-HRegion-1 192.168.101.232

HBase-HRegion-2 192.168.101.233

Spark-Master 192.168.101.231

Spark-Slave-1 192.168.101.232

Spark-Slave-2 192.168.101.233