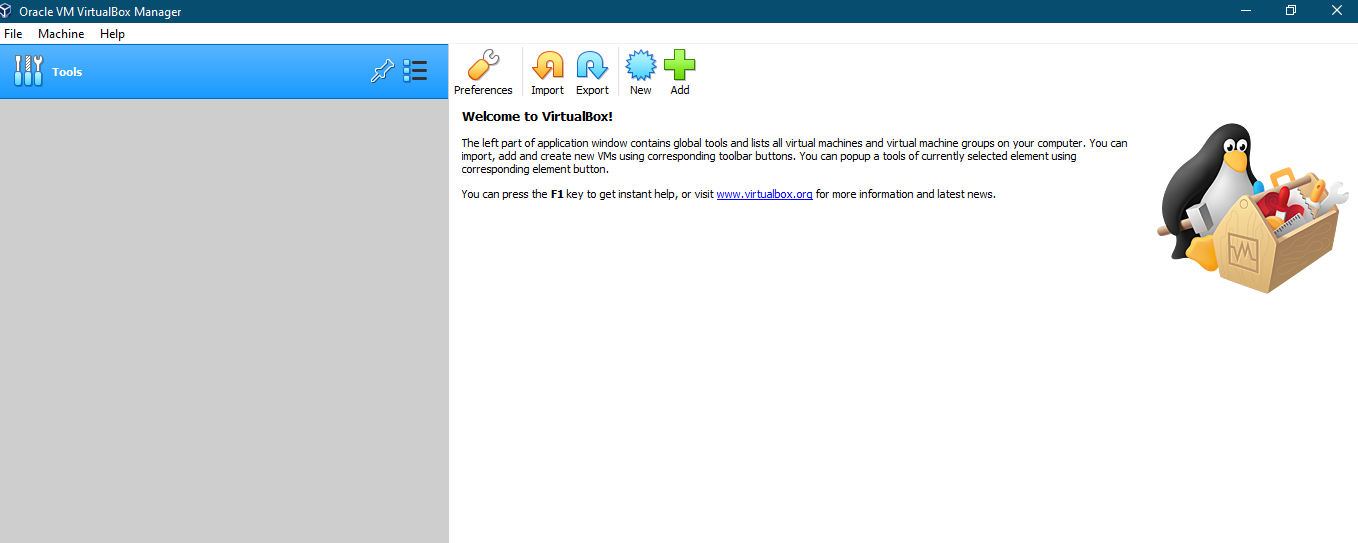
# Work with VirtualBox

## First launch of VirtualBox and the virtual machine

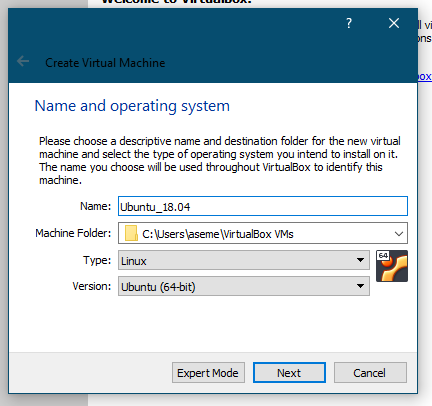
### Launch Oracle VM VirtualBox

First launch of VirtualBox

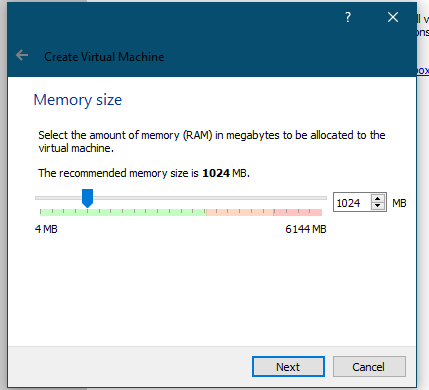


### Create first virtual machine

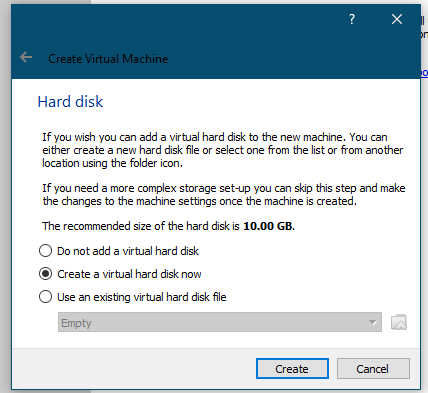
Choose name and OS



Select the amount of memory

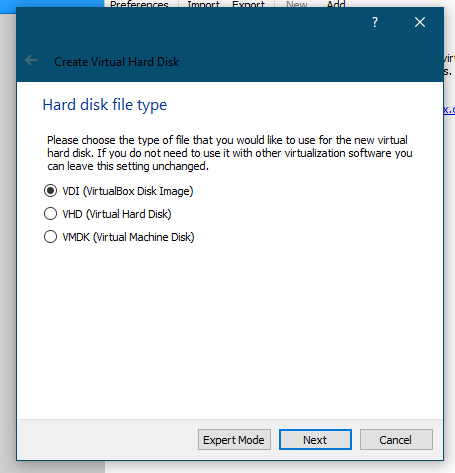


Create new hard disk



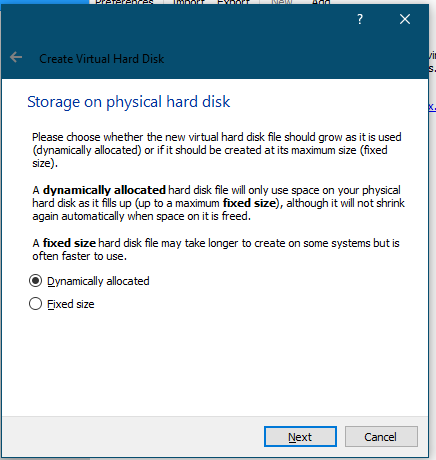
Choose the type of file

I chose VDI type of file because it’s default type of VM in VirtualBox

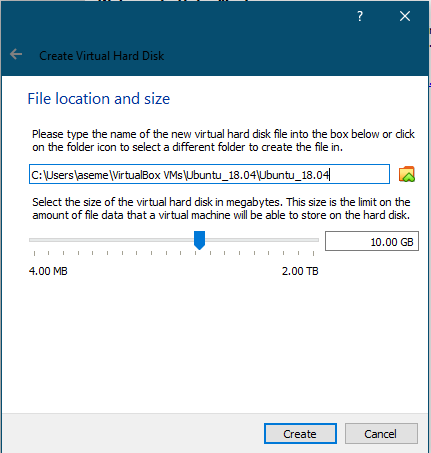


Choose whether the new virtual hard disk should grow as it is used or if it should be created at its fixed size

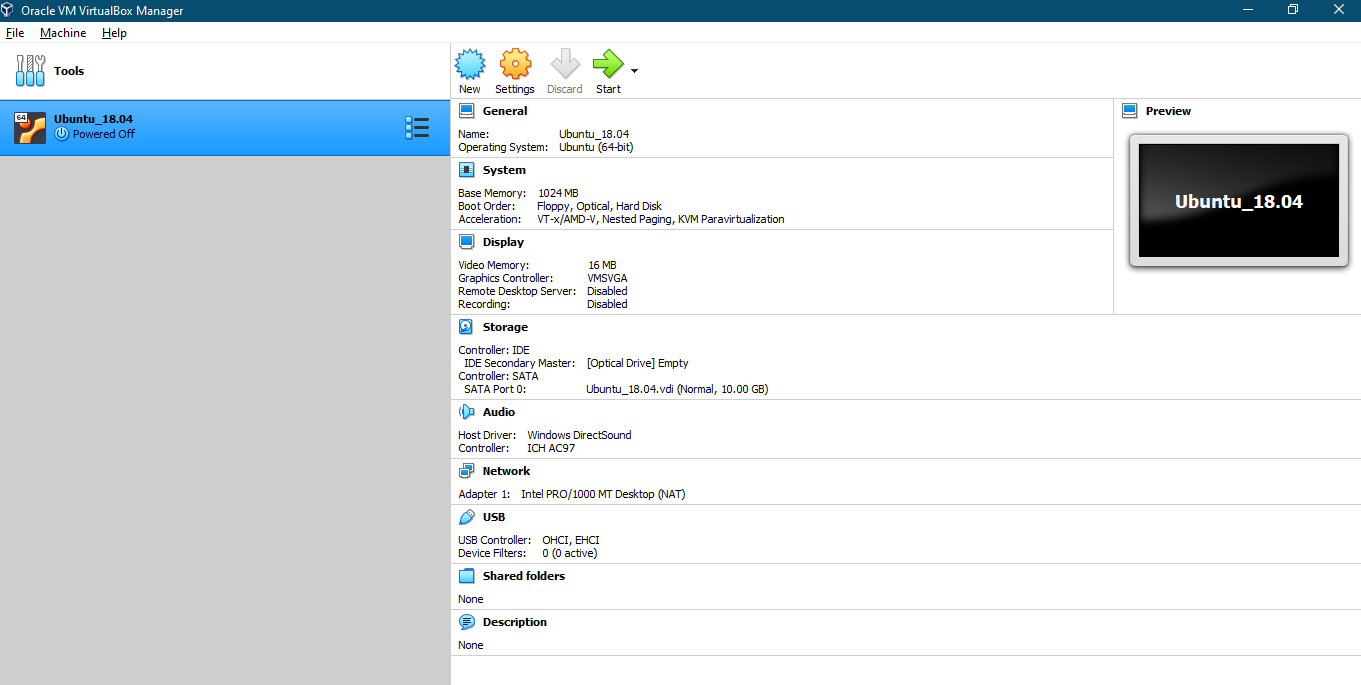
I chose Dynamically allocated type in order not to take a lot of space from the host machine



Select the size of the virtual hard disk and type the name of the new virtual machine

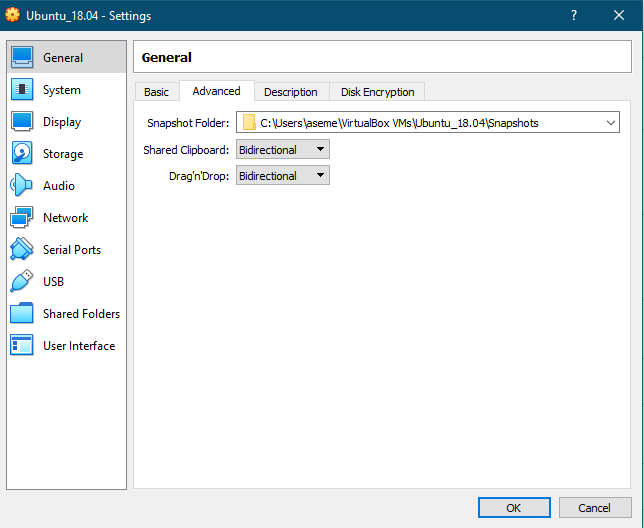


Virtual machine created



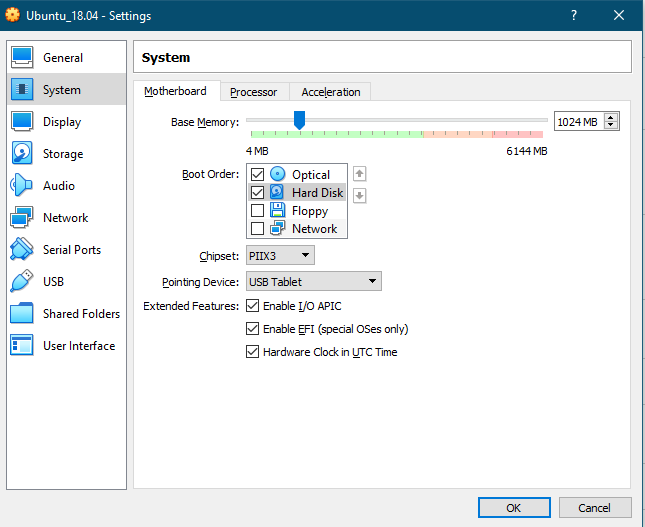
### Change setting of virtual machine

Change General Advanced settings

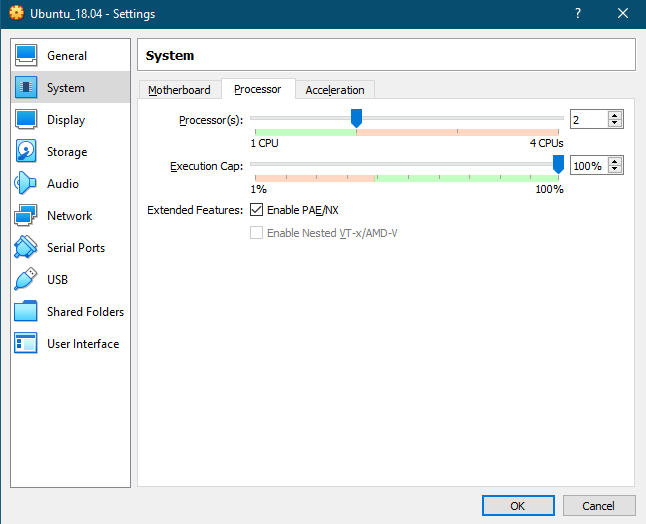


### Change System settings

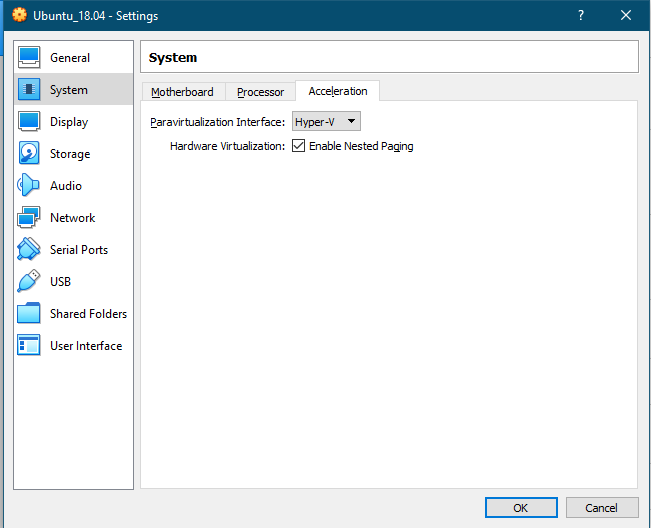
#### Motherboard



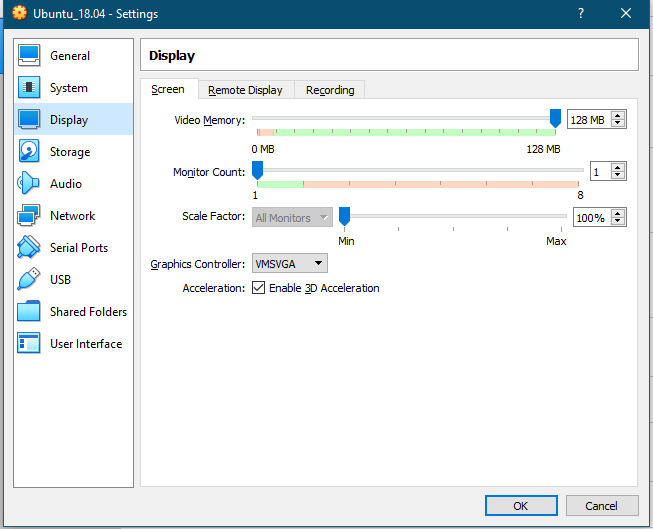
#### Processor



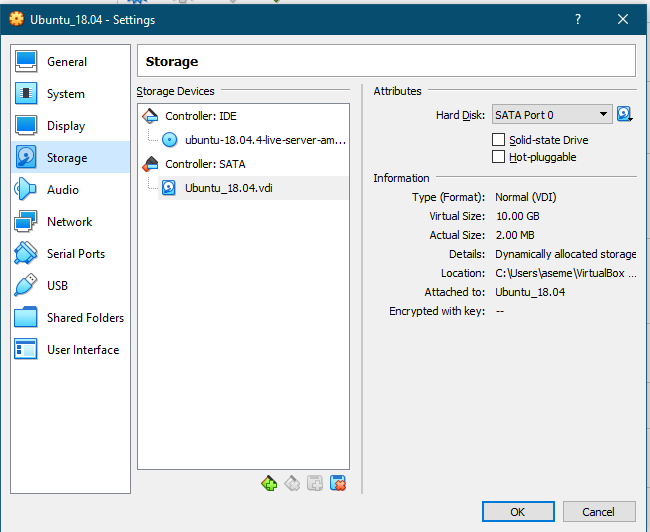
#### Acceleration



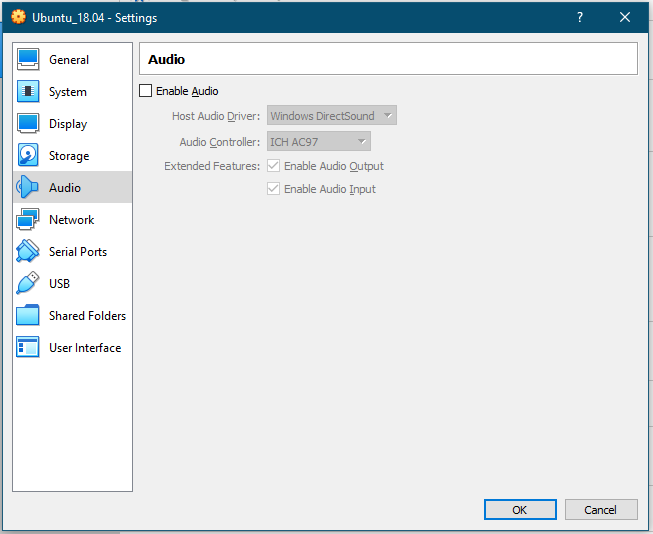
#### Change Display settings



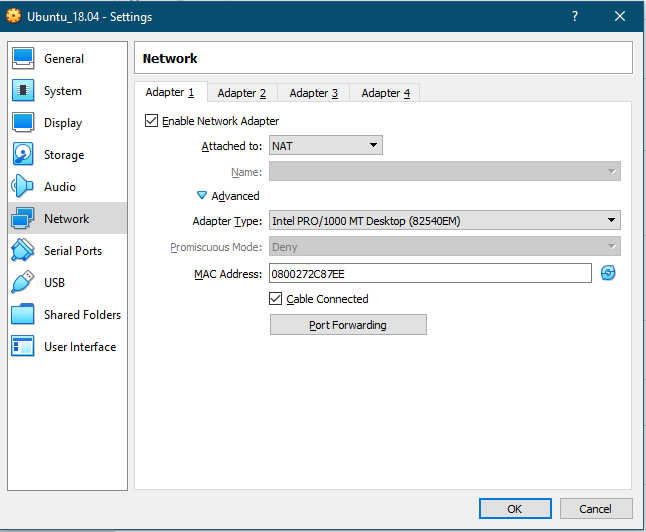
#### Change storage settings



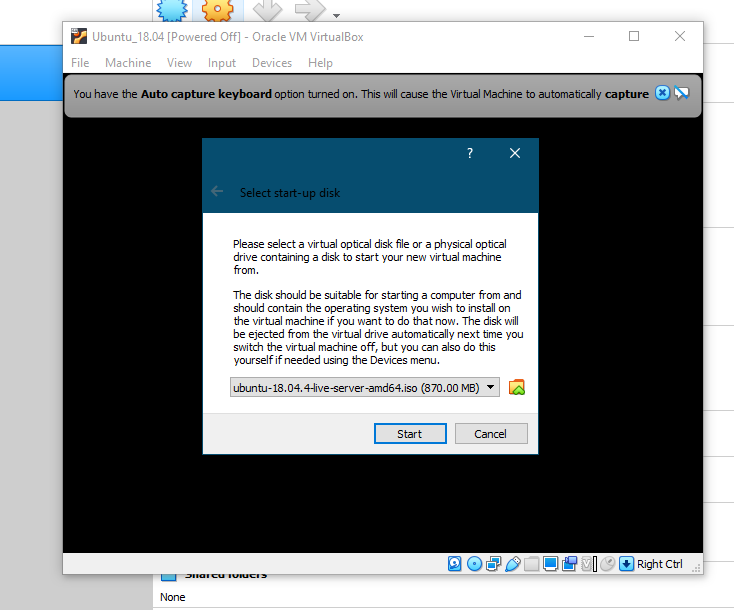
#### Change Audio settings



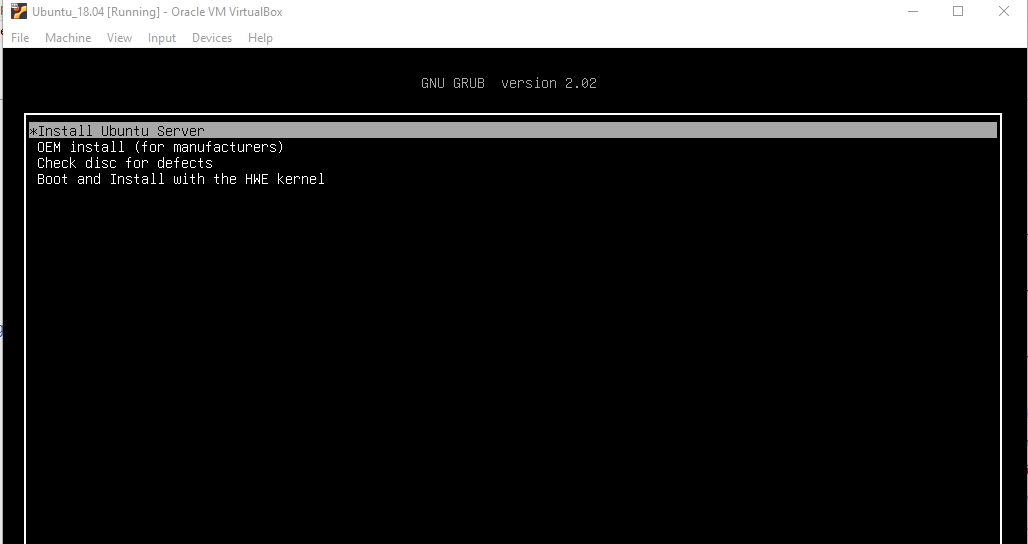
#### Change Network settings



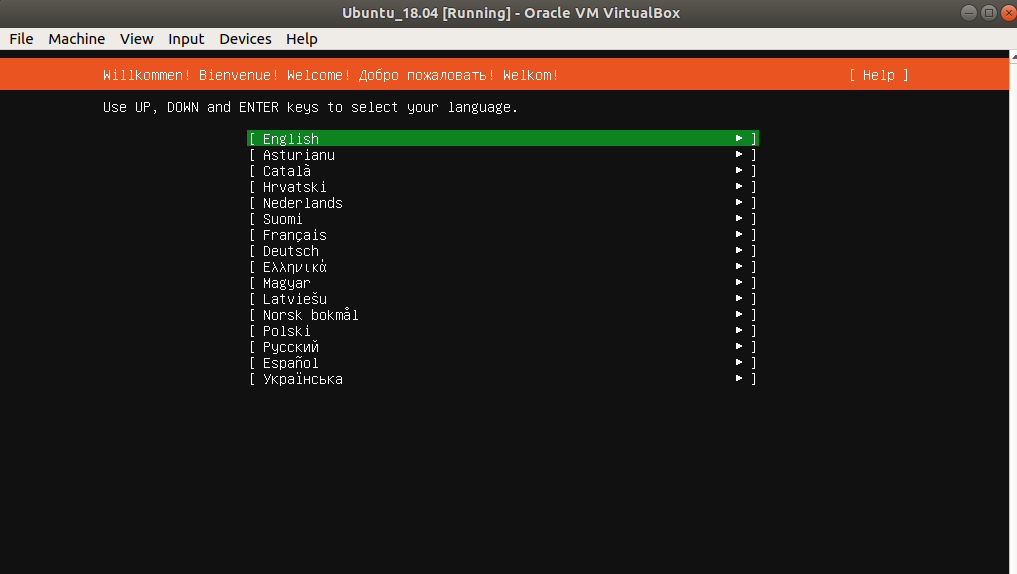
## Start Virtual machine



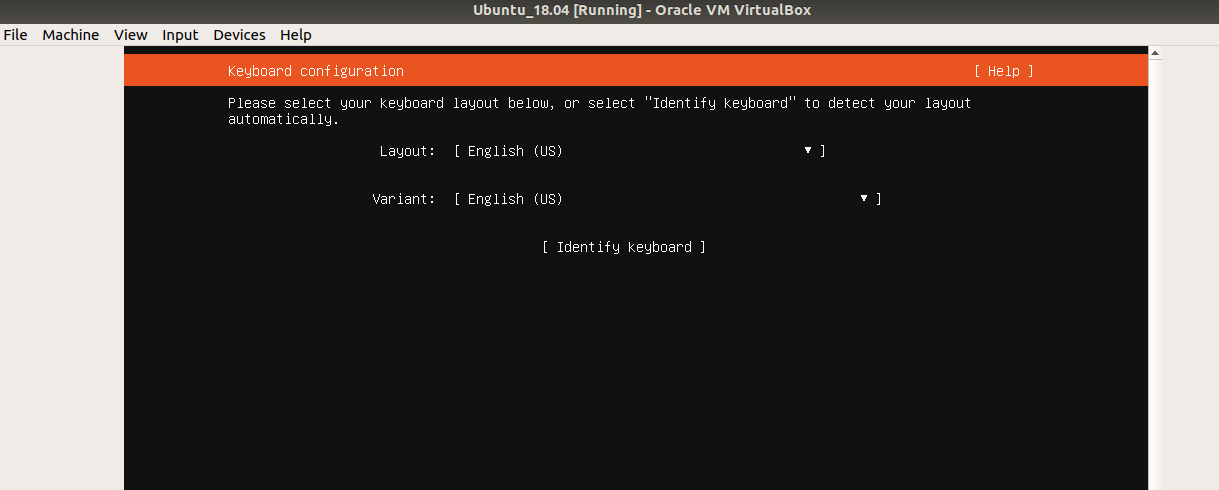
### Installation OS in VM



#### Choose language OS

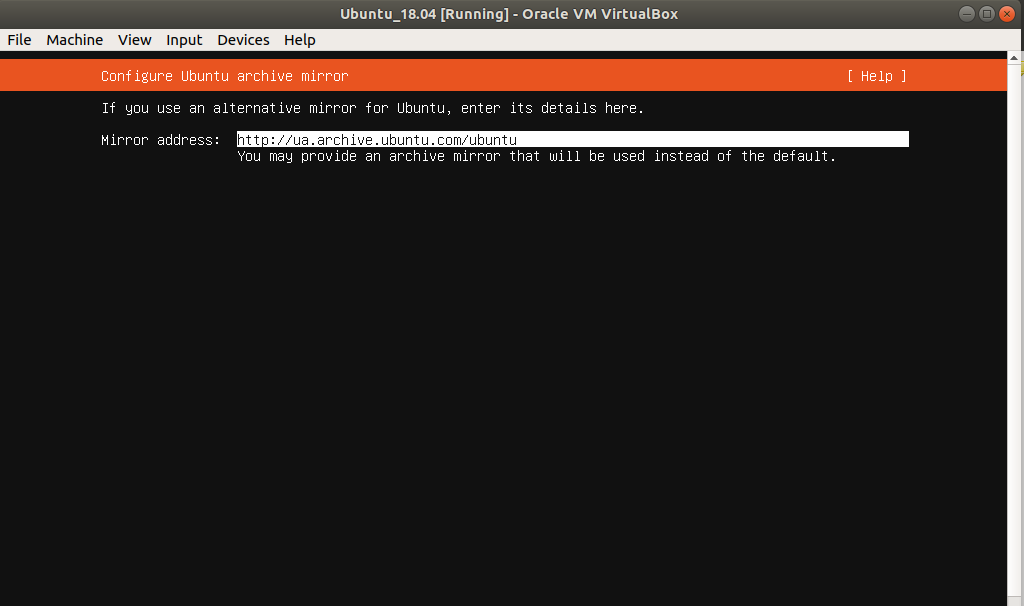


#### Choose keyboard input



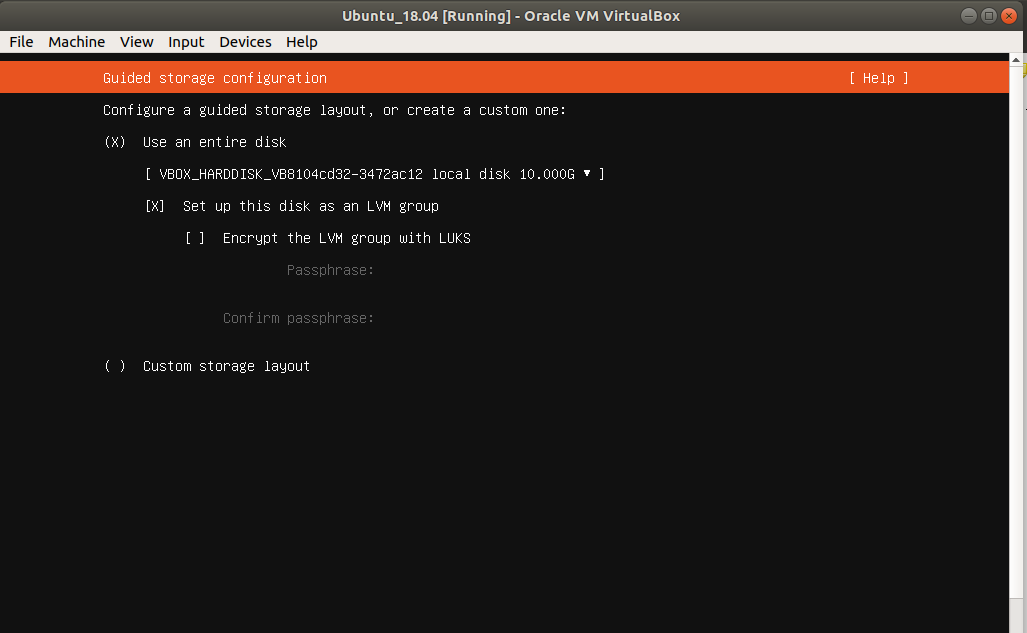
#### Configure network settings

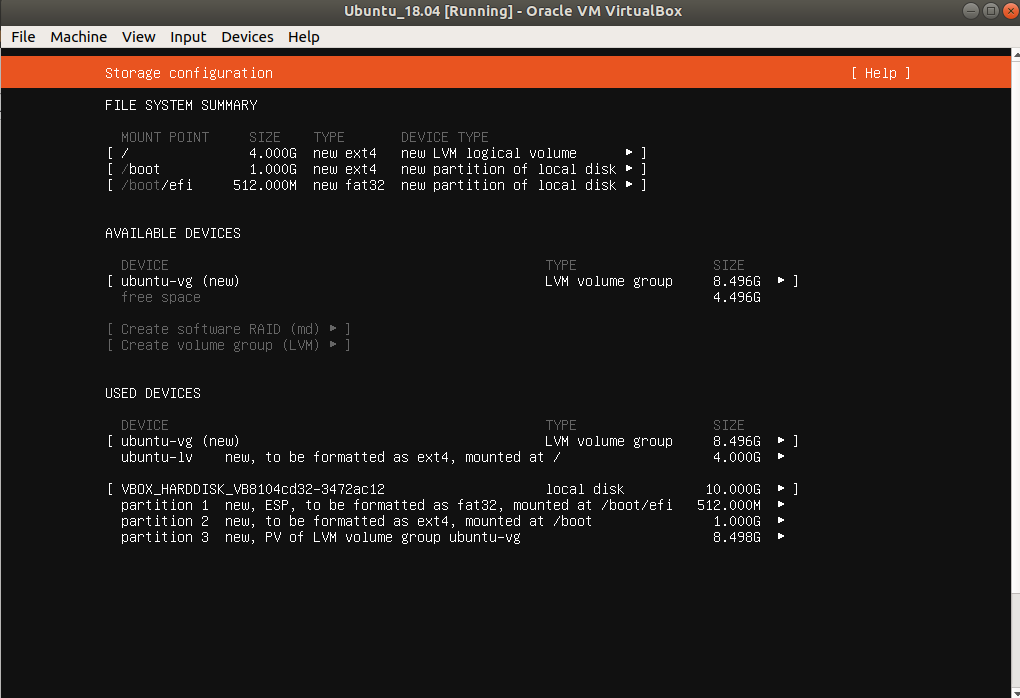
#### Configure archive mirror



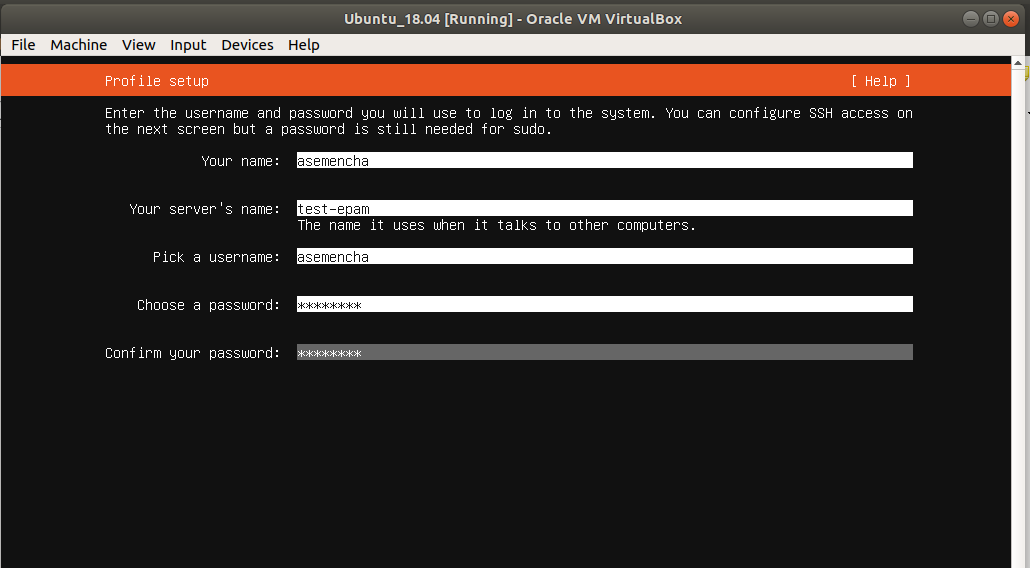
#### Configure proxy setting

#### Configure storage



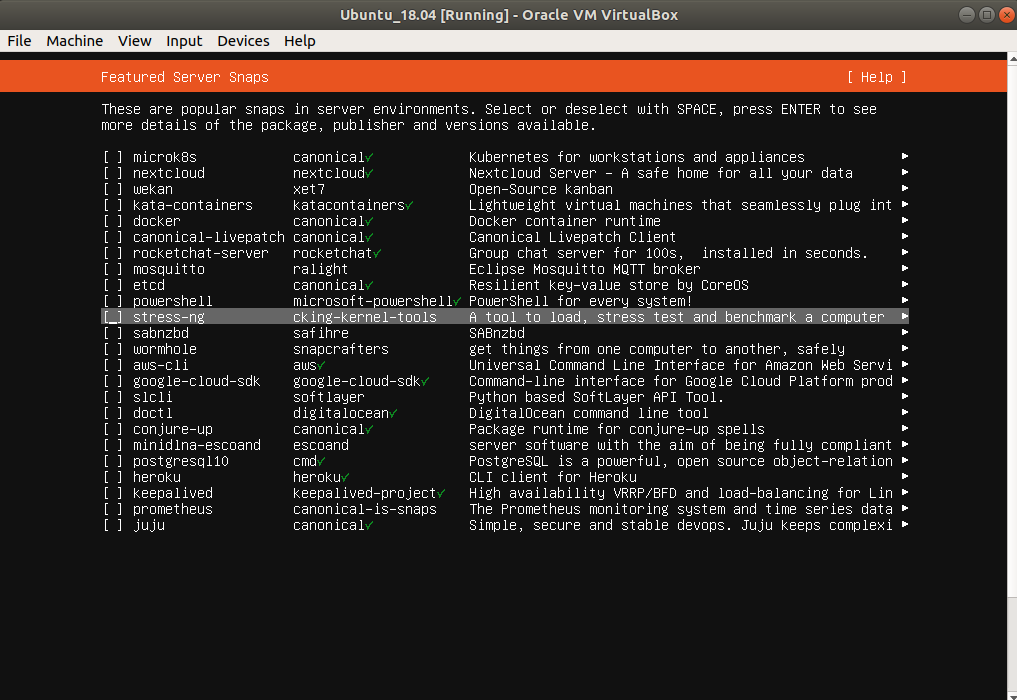


#### Create system user and name server



#### Install and configured SSH server

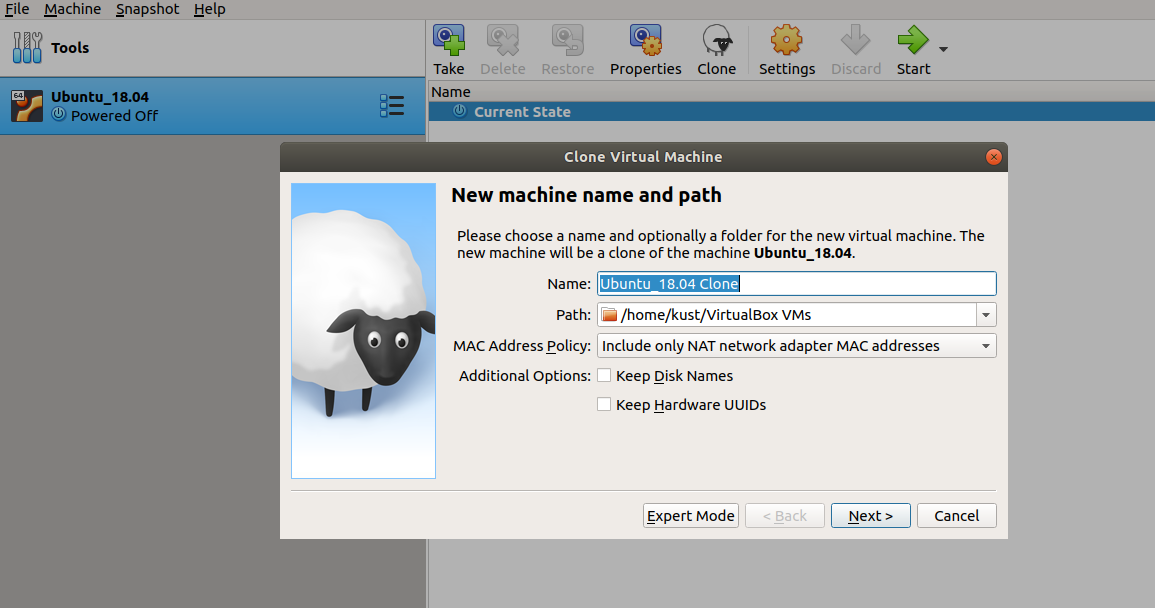
#### Choose feature

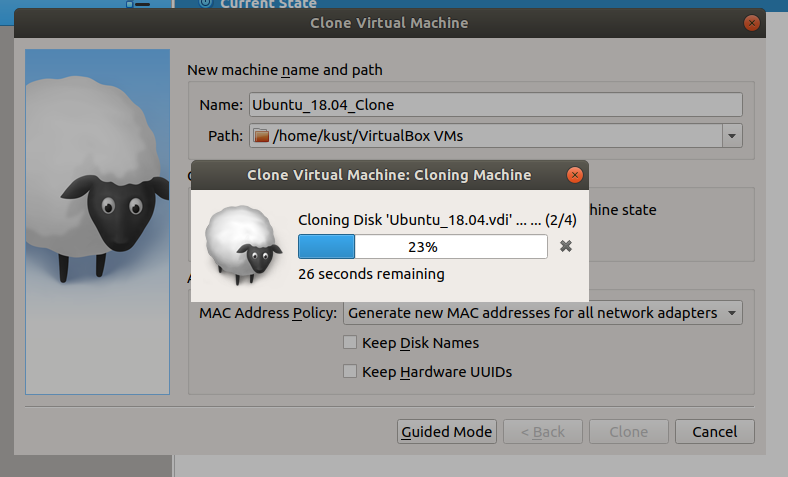


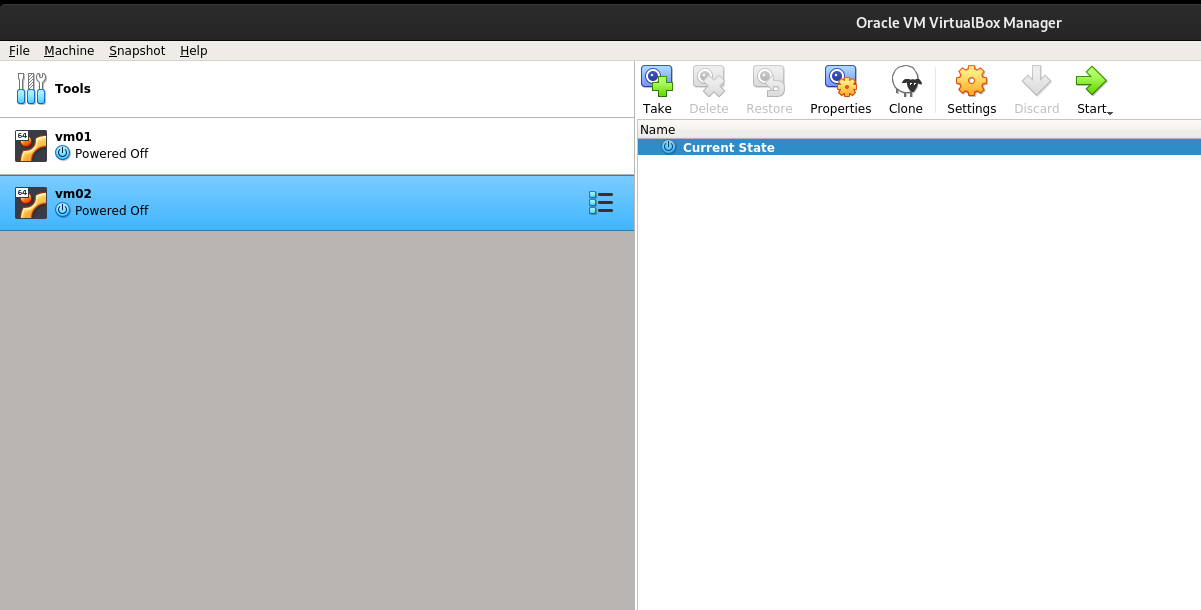
#### Progress installation

#### Firs launch in OS

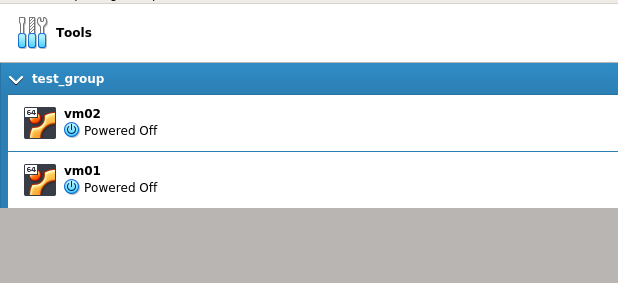
### Clone VM



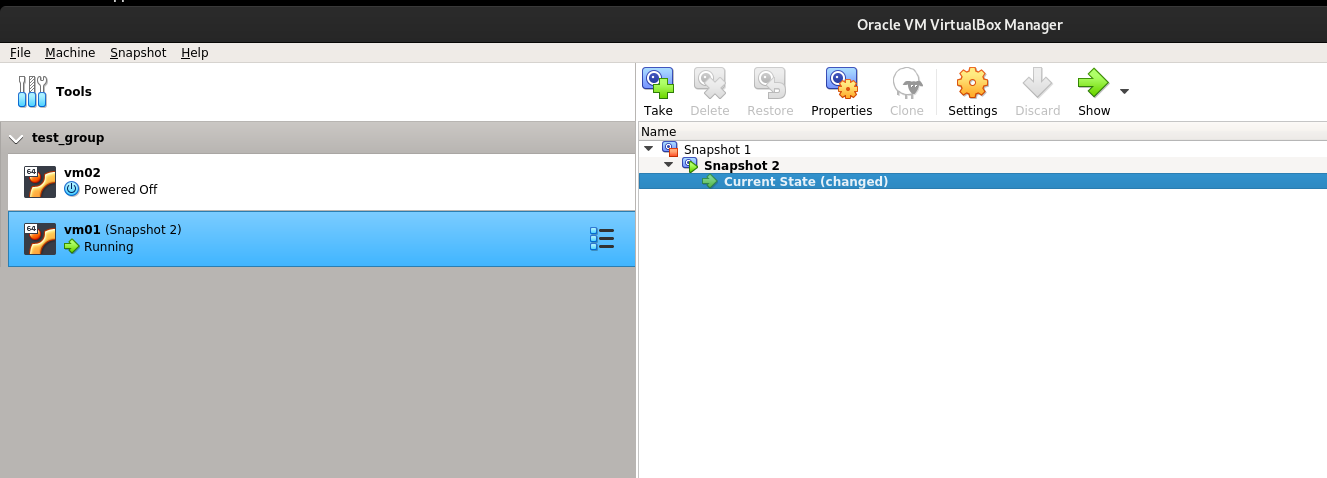




#### Create group vm

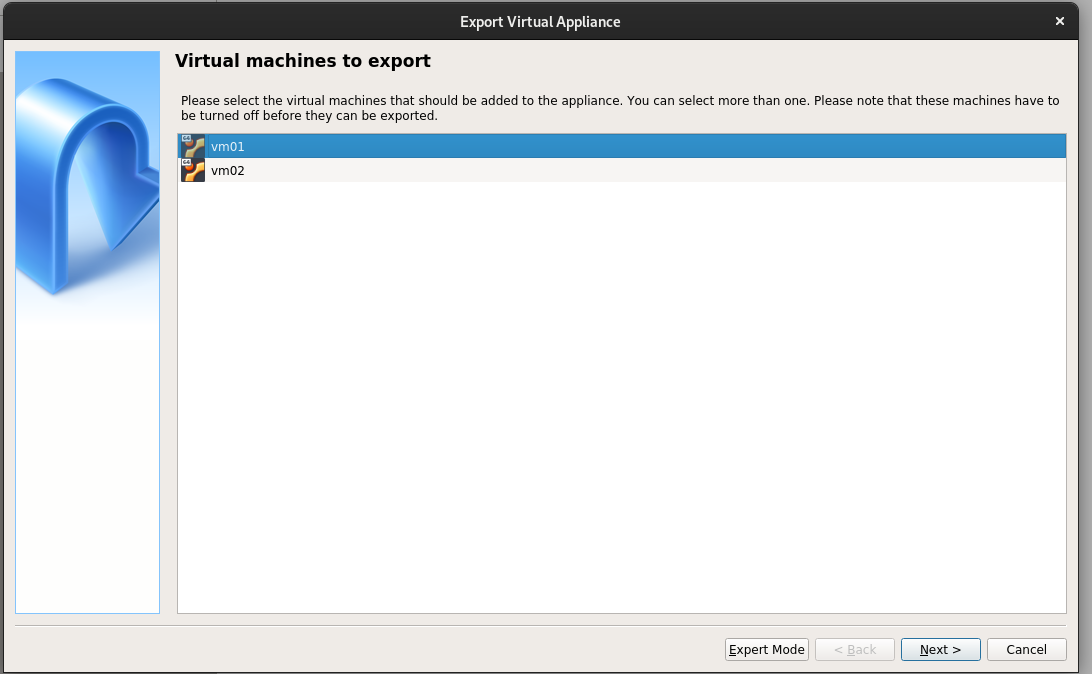


#### Create VM Snapshot

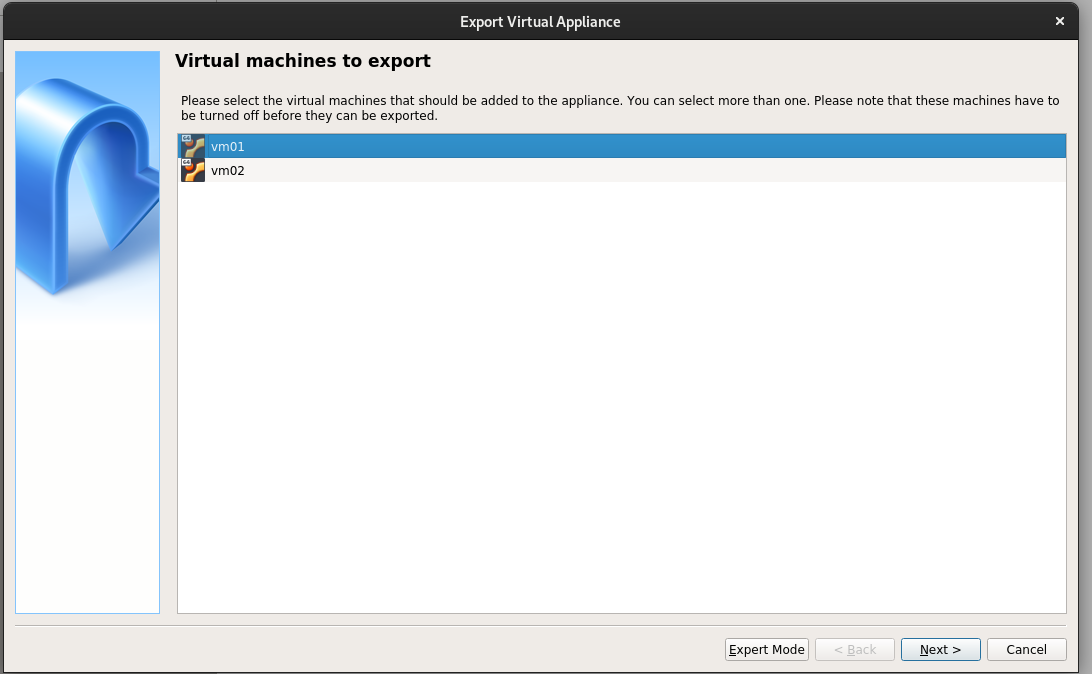


### Export VM

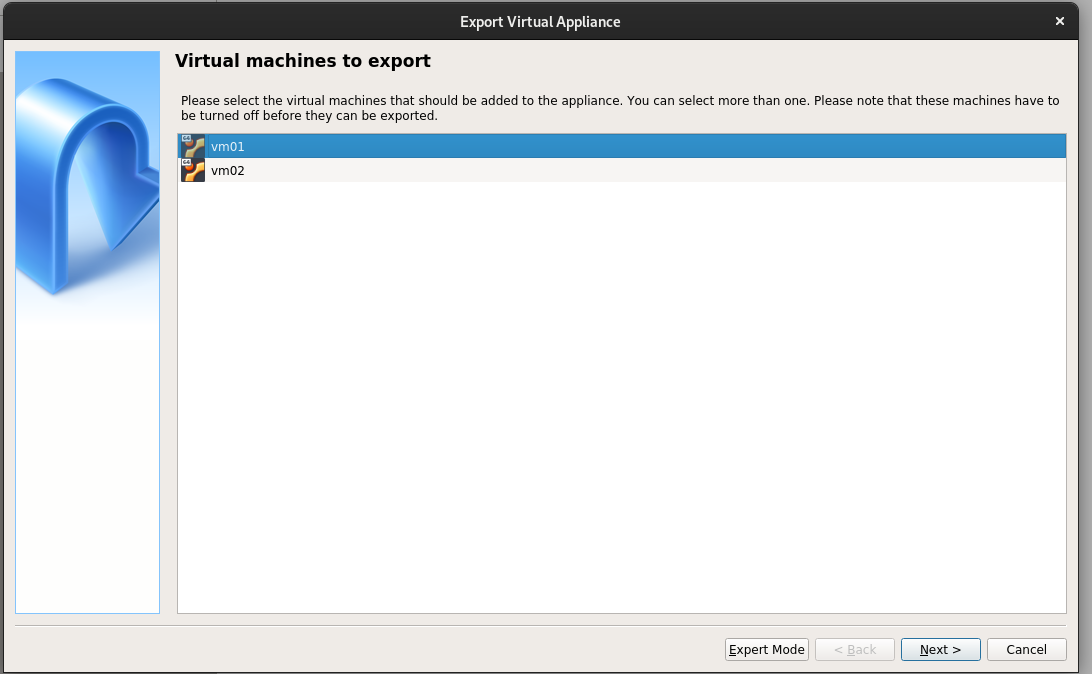
#### Choose VV for export



#### Choose setting export vm



#### Progress exporting vm

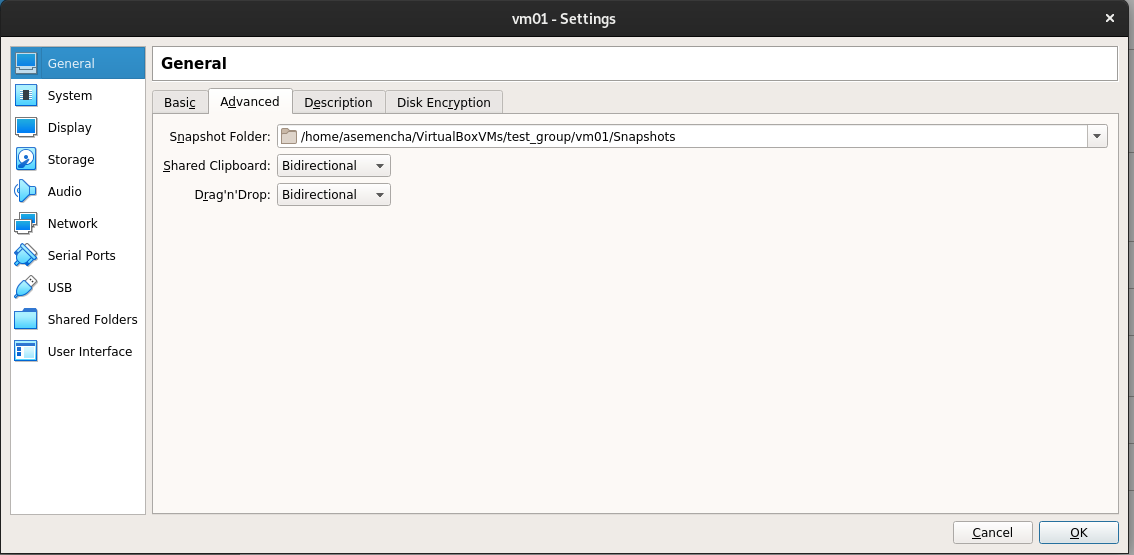


## Configure VM settings

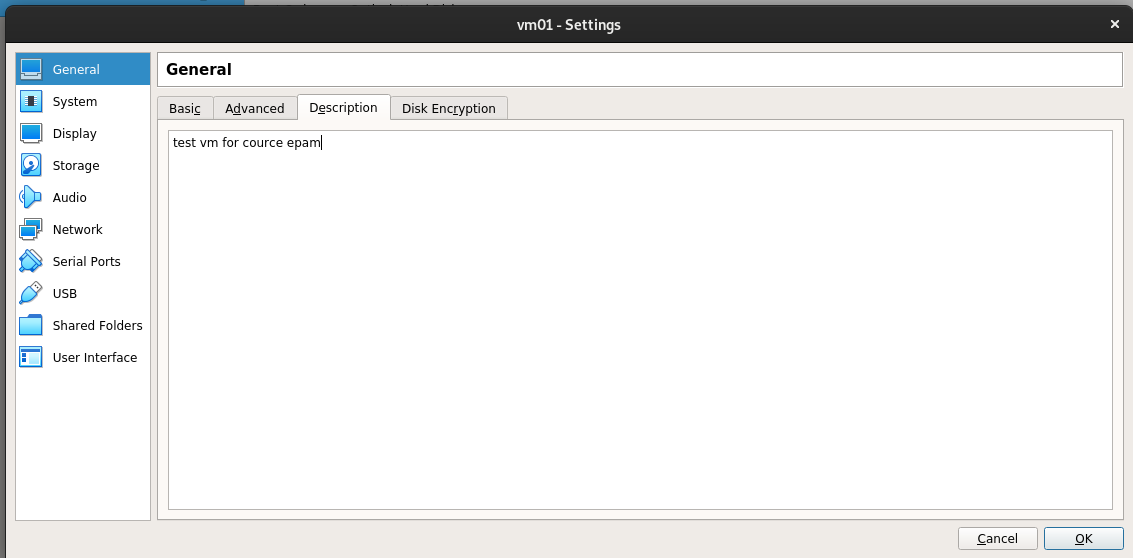
### Configure General settings

Basic setting

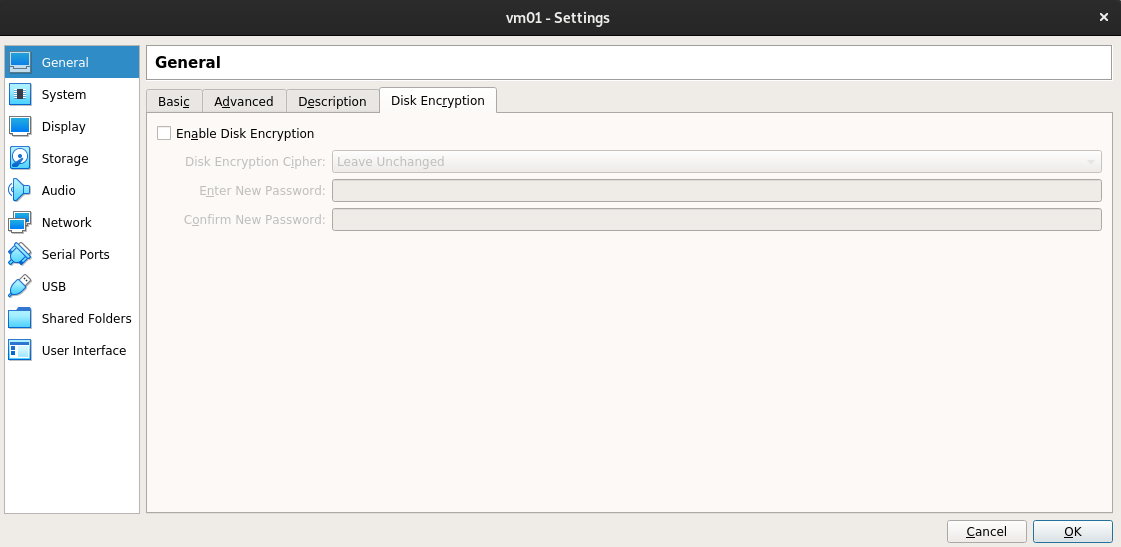
#### Advanced setting



#### Description



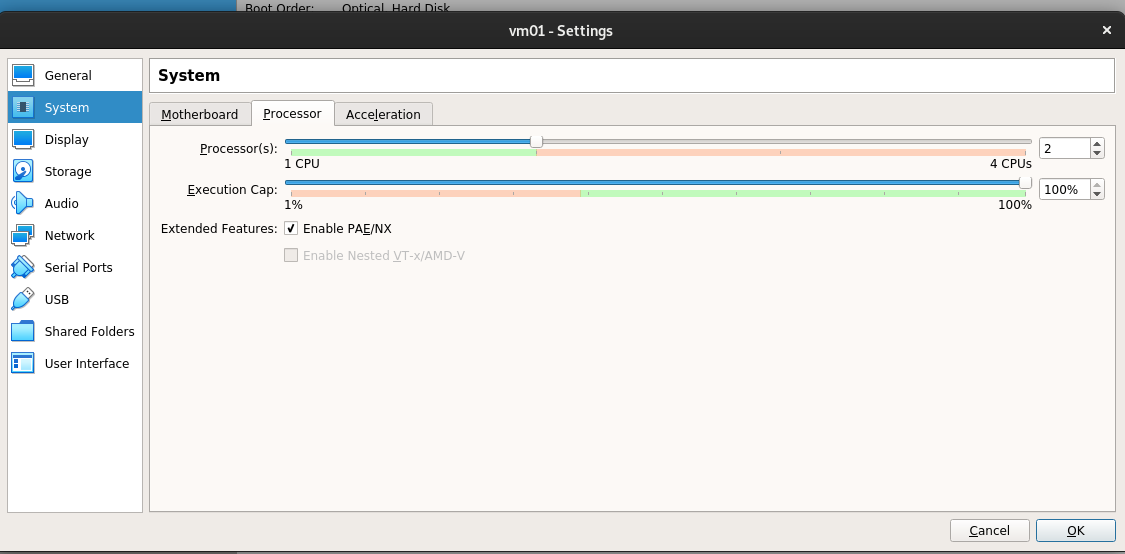
#### Disk encryption



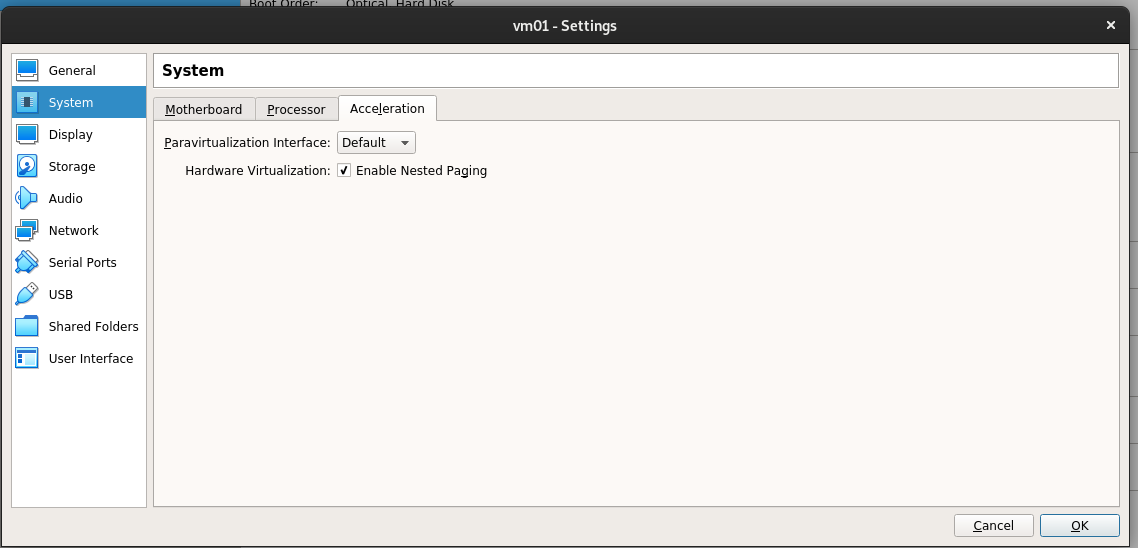
### Configure System settings

#### Motherboard settings

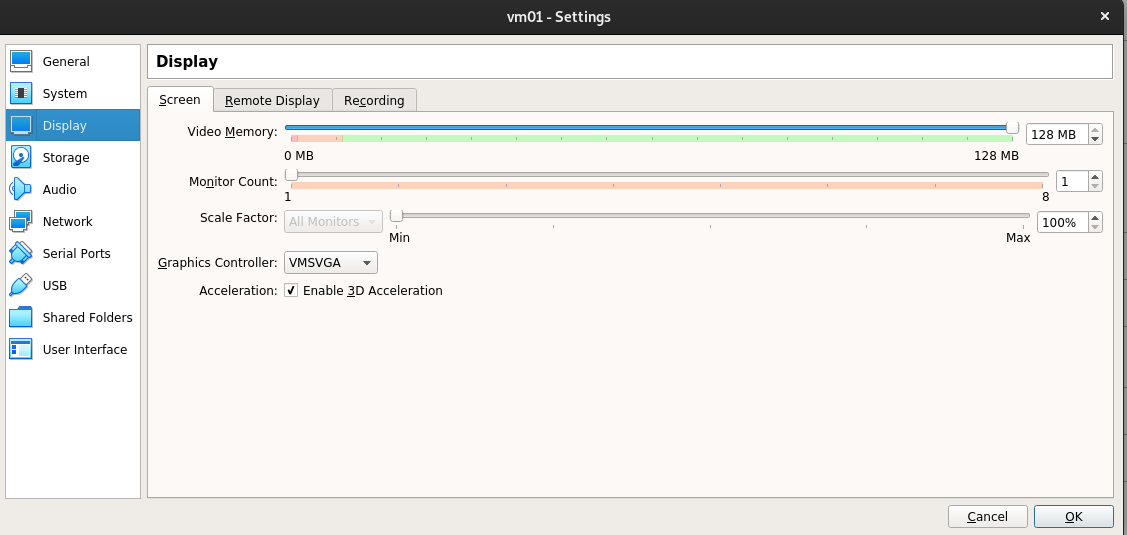
#### Processor settings



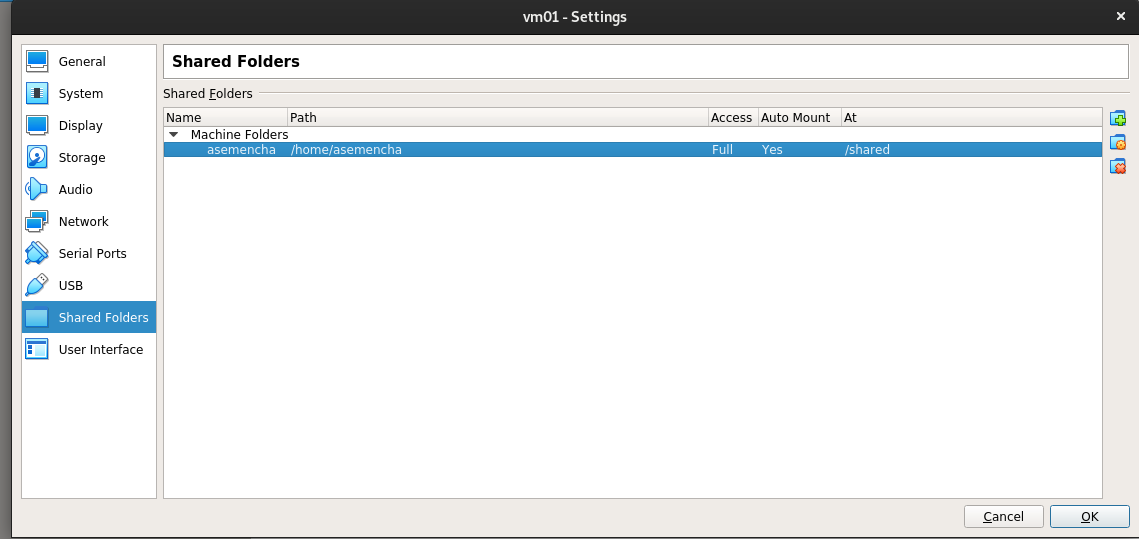
#### Acceleration settings



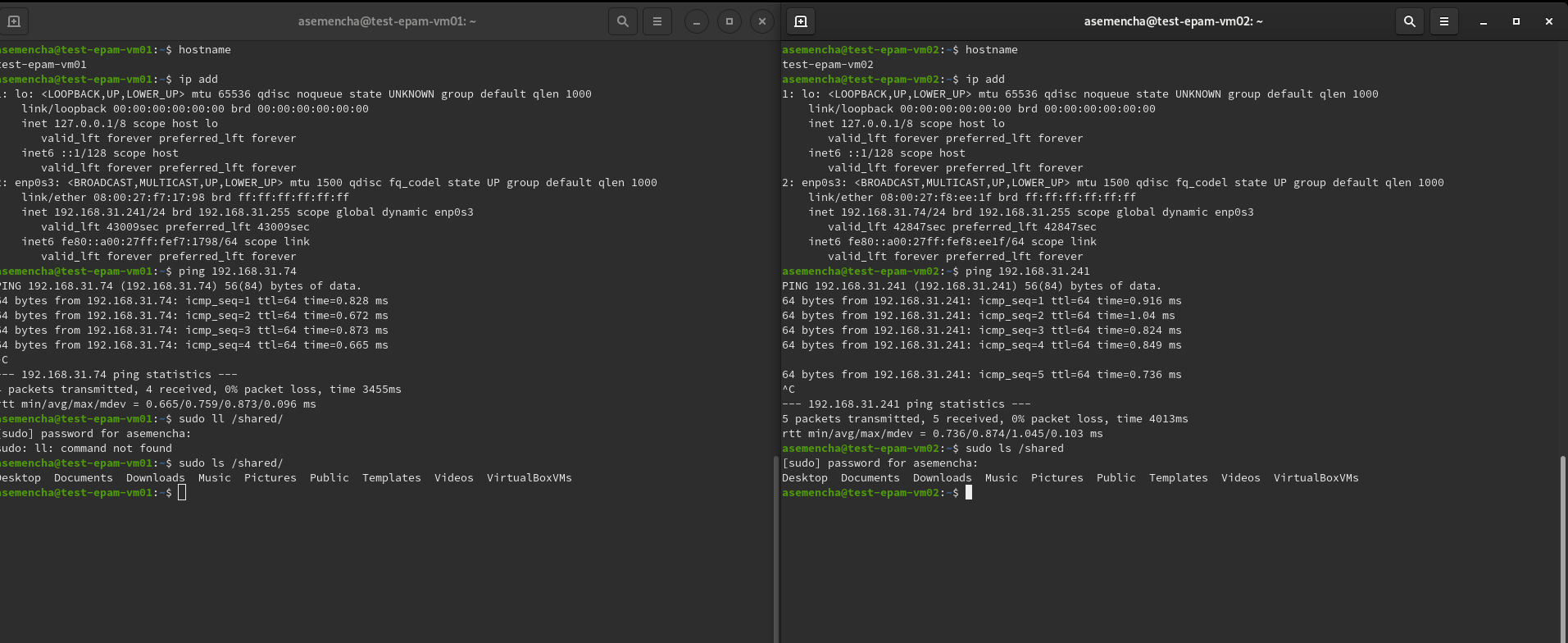
### Configure Display settings



### Configure shared folders



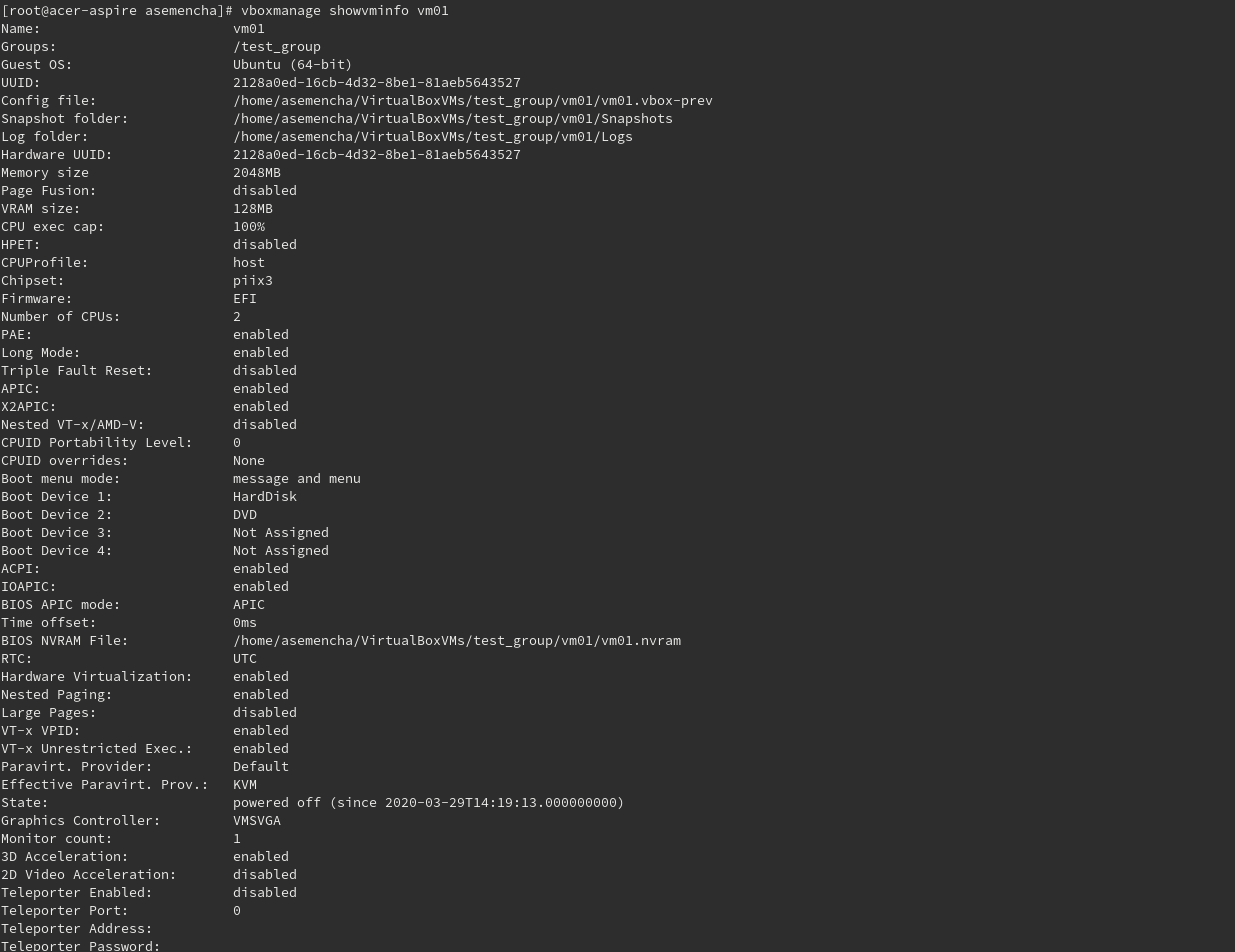
### Testing VM



## Working with CLI via VboxManage

### List all registered vm

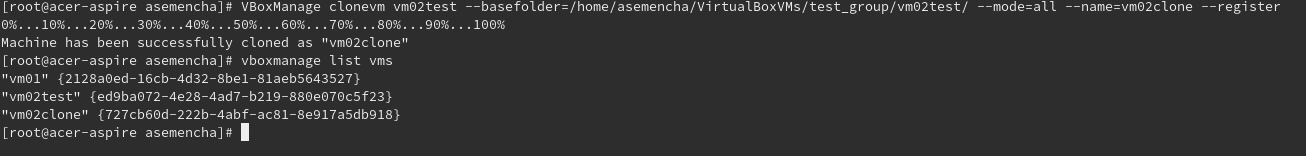
### Show information about VM

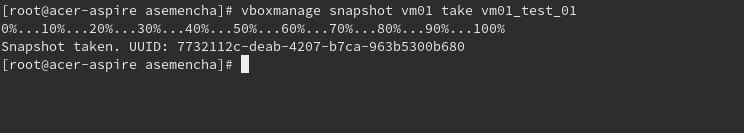


### Manage VM with CLI

### Change characteristic VM with CLI

### Clone VM with CLI

Create snapshot with CLI



### Create VM with CLI

