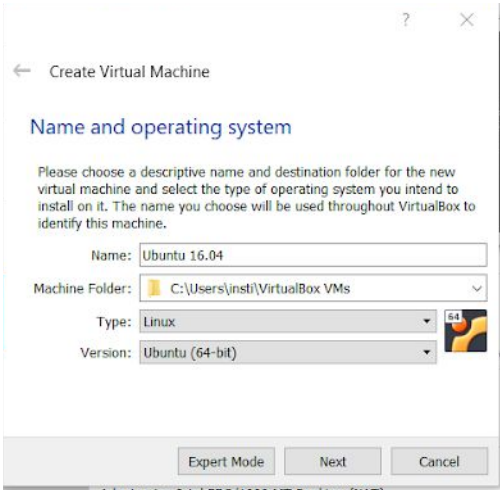
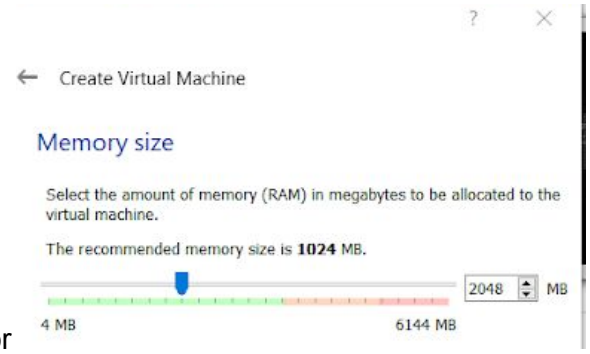
We create the virtual machine using the option of 64-bits Ubuntu

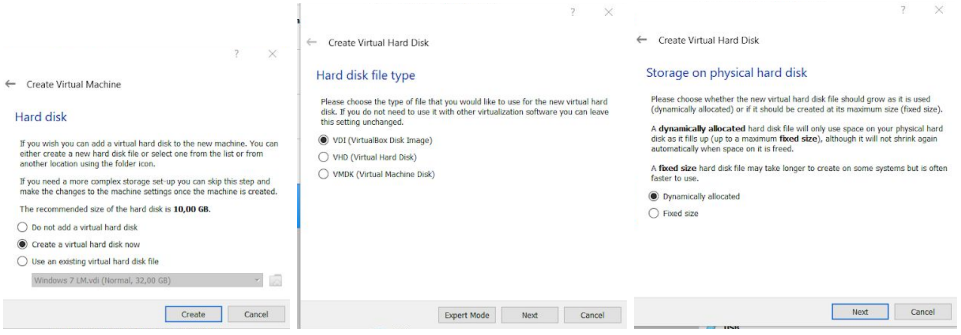


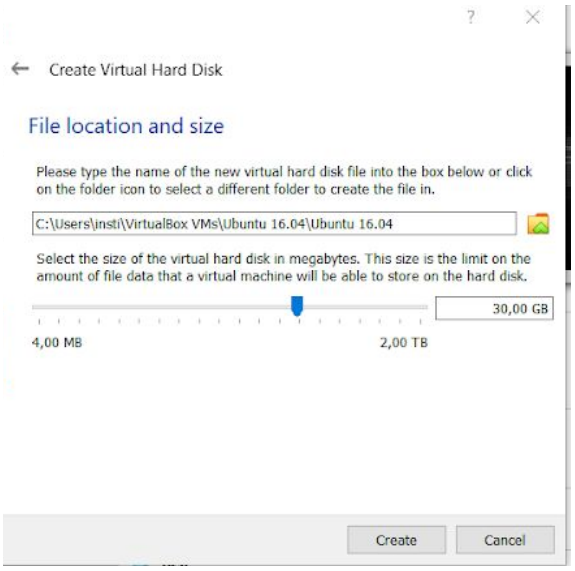
We get 2GB of RAM unlike the recommended 1GB as it is what the requirements of the



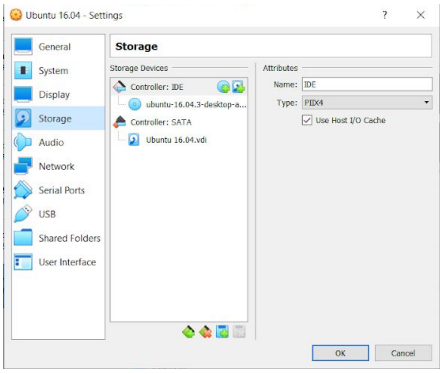
exercise ask for

We use the usual location for the hard disk settings

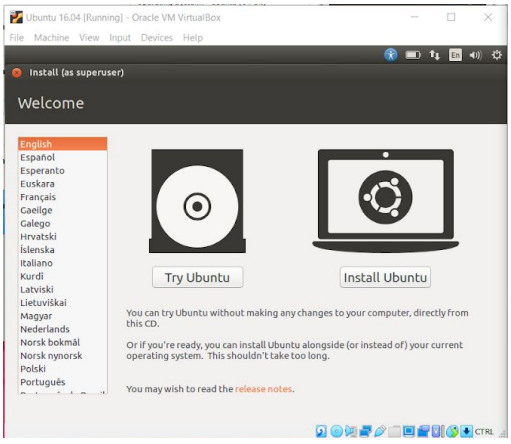


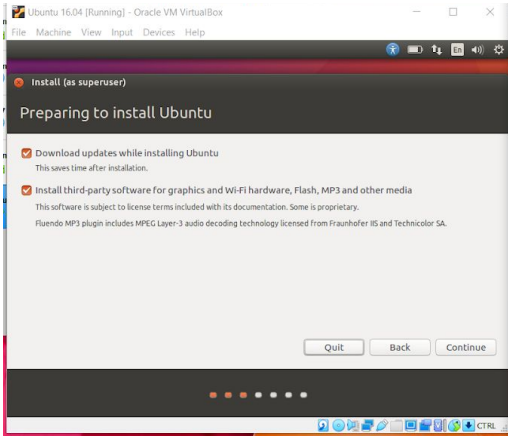


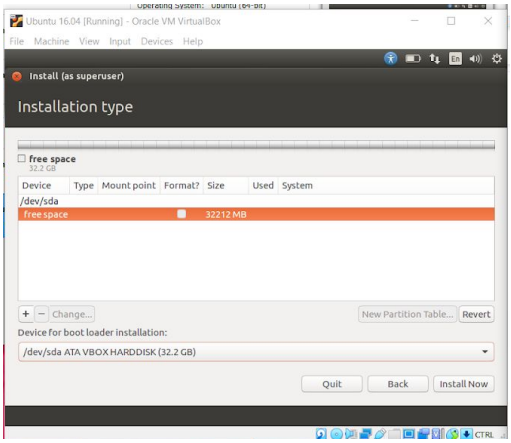
And then we choose for the disk to be 30GB

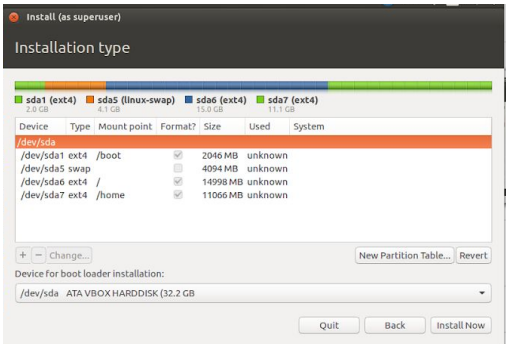


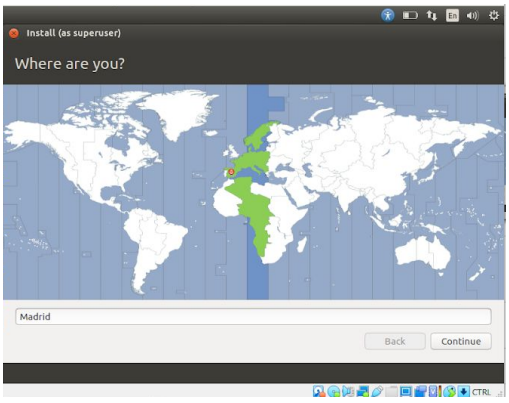
Then we set up the machine with it's usual settings

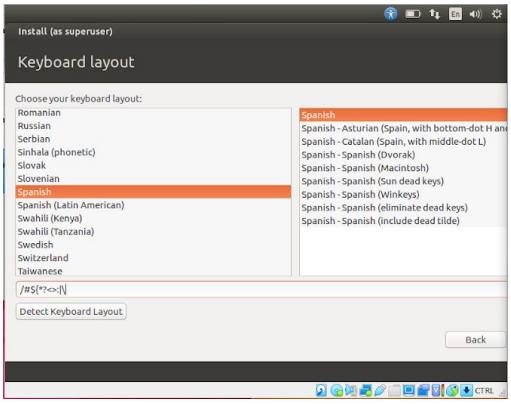


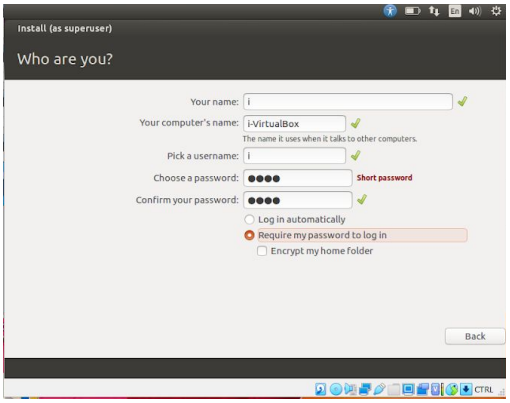

Ubuntu 16.04 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Install (as superuser)
Preparing to install Ubuntu
Download updates while installing Ubuntu
This saves time after installation.
Install third-party software for graphics and Wi-Fi hardware, Flash, MP3 and other media
This software is subject to license terms included with its documentation. Some is proprietary.
Fluendo MP3 plugin includes MPEG Layer-3 audio decoding technology licensed from Fraunhofer IIS and Technicolor SA.
Quit
Back
Continue

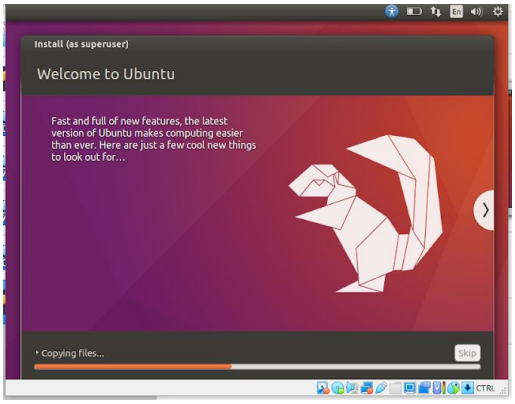

Ubuntu 16.04 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Install (as superuser)
Installation type
free space
32.2 GB
Device Type Mount point Format? Size Used System
/dev/sda
free space 32212 MB
Change...
New Partition Table...
Revert
Device for boot loader installation:
/dev/sda ATA VBOX HARDDISK (32.2 GB)
Quit
Back
Install Now

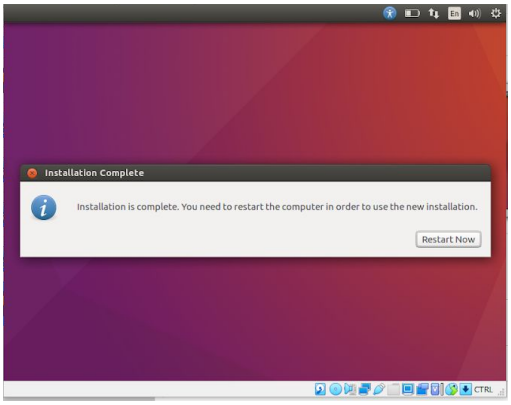

Install (as superuser)
Installation type
sda1 (ext4) 2.0 GB
sda5 (linux-swap) 4.1 GB
sda6 (ext4) 15.0 GB
sda7 (ext4) 11.1 GB
Device Type Mount point Format? Size Used System
/dev/sda
/dev/sda1 ext4 /boot 2046 MB unknown
/dev/sda5 swap 4094 MB unknown
/dev/sda6 ext4 / 14998 MB unknown
/dev/sda7 ext4 /home 11066 MB unknown
Change...
New Partition Table...
Revert
Device for boot loader installation:
/dev/sda ATA VBOX HARDDISK (32.2 GB
Quit
Back
Install Now


Install (as superuser)
Where are you?
Madrid
Back
Continue

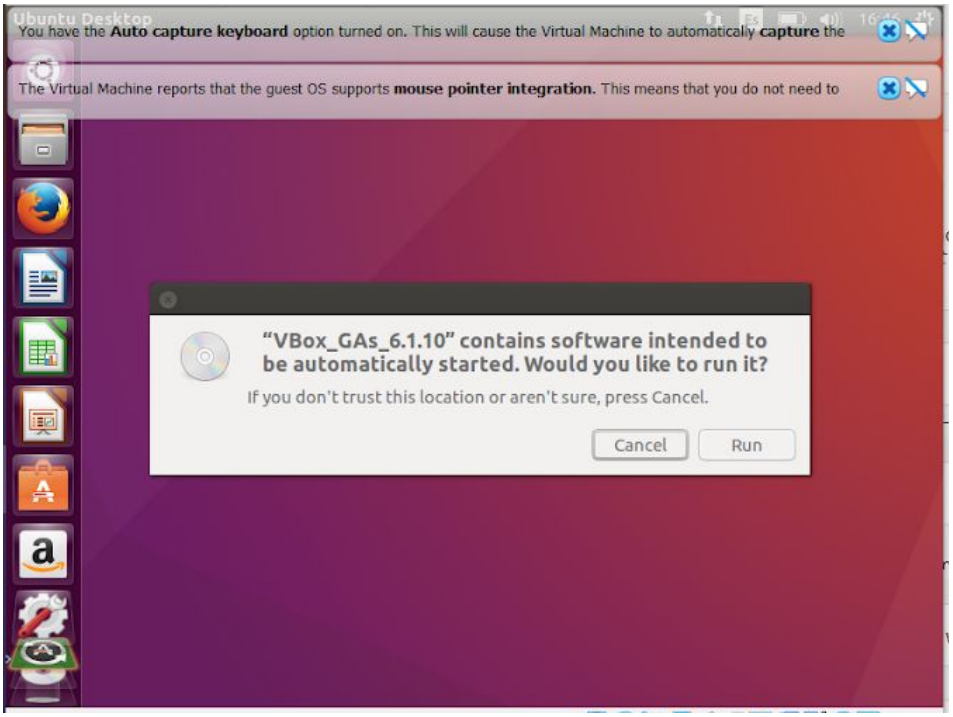


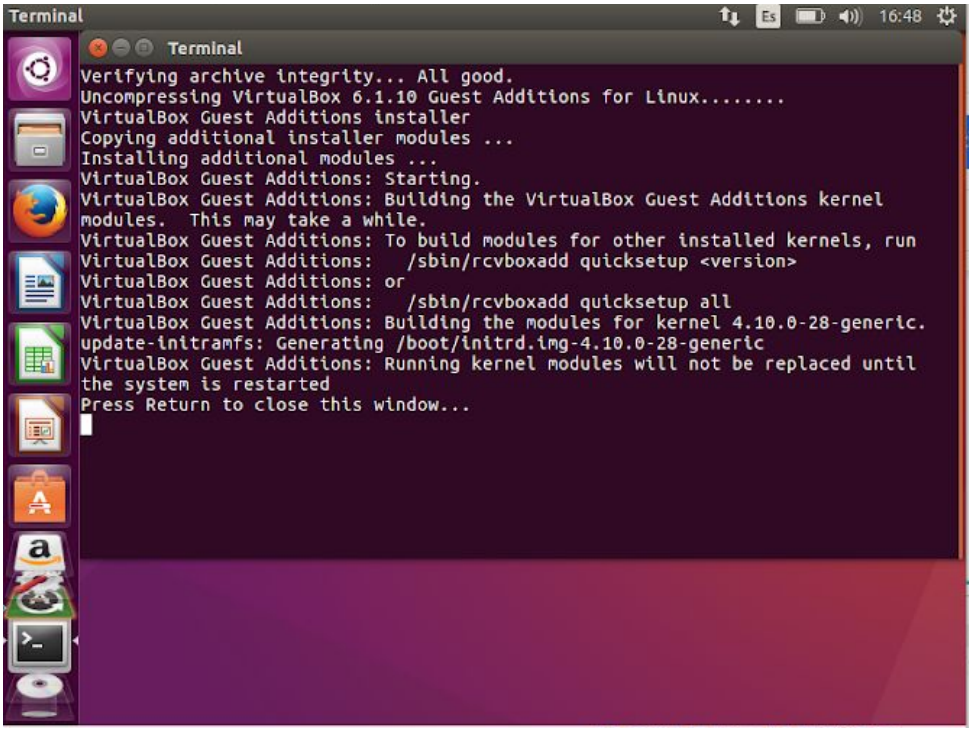
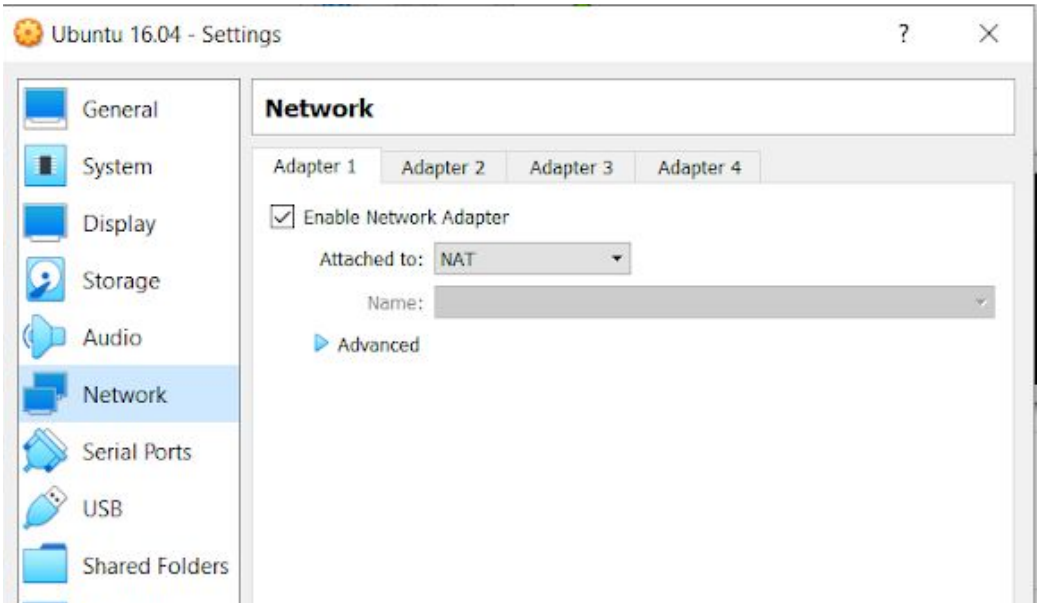






After completing the setup we insert the guest additions so we can use the function of a shared folder to an external disk


Ubuntu Desktop
You have the Auto capture keyboard option turned on. This will cause the Virtual Machine to automatically capture the
The Virtual Machine reports that the guest OS supports mouse pointer integration. This means that you do not need to
"VBox_GAs_6.1.10" contains software intended to be automatically started. Would you like to run it?
If you don't trust this location or aren't sure, press Cancel.
Cancel
Run


Terminal
16:48
Terminal
Verifying archive integrity... All good.
Uncompressing VirtualBox 6.1.10 Guest Additions for Linux........
VirtualBox Guest Additions installer
Copying additional installer modules ...
Installing additional modules ...
VirtualBox Guest Additions: Starting.
VirtualBox Guest Additions: Building the VirtualBox Guest Additions kernel modules. This may take a while.
VirtualBox Guest Additions: To build modules for other installed kernels, run
VirtualBox Guest Additions: /sbin/rcvboxadd quicksetup <version>
VirtualBox Guest Additions: or
VirtualBox Guest Additions: /sbin/rcvboxadd quicksetup all
VirtualBox Guest Additions: Building the modules for kernel 4.10.0-28-generic.
update-initramfs: Generating /boot/initrd.img-4.10.0-28-generic
VirtualBox Guest Additions: Running kernel modules will not be replaced until the system is restarted
Press Return to close this window...

As we are only required to have “Internet connection” we can just leave it in the default settings.