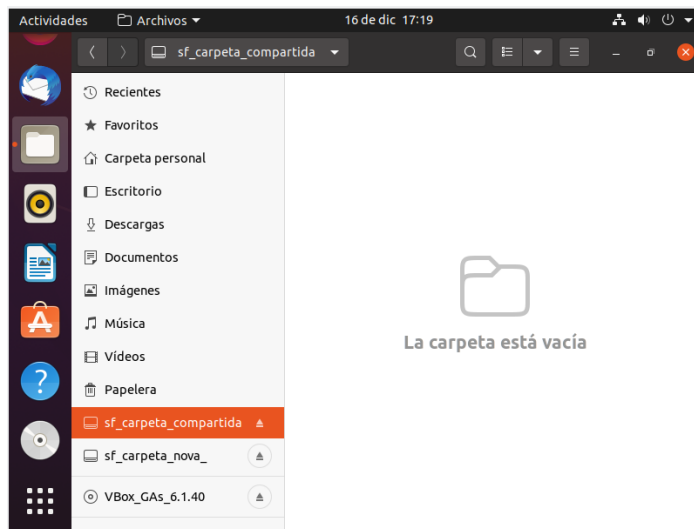


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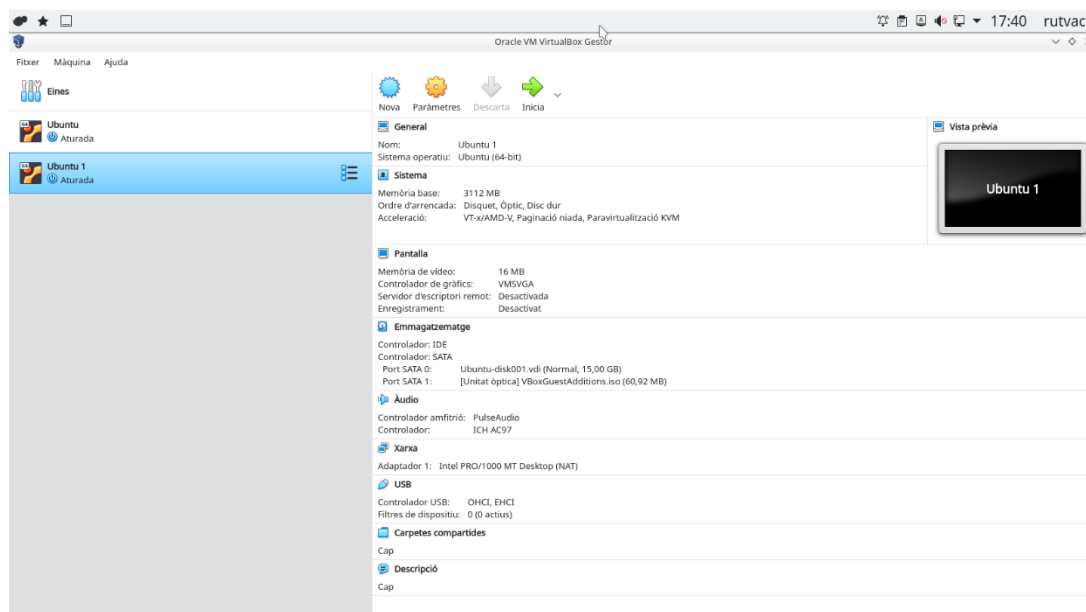
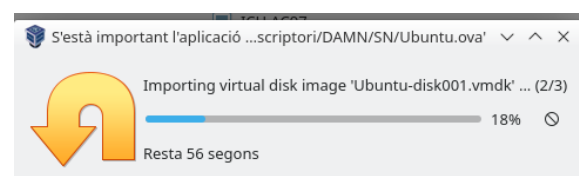
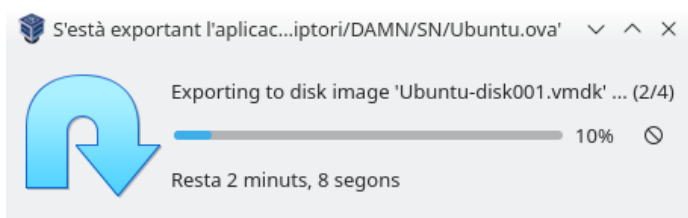
Configuration of virtual machines

Review the 4th section in UNIT4 documentation for reference to perform this activity.

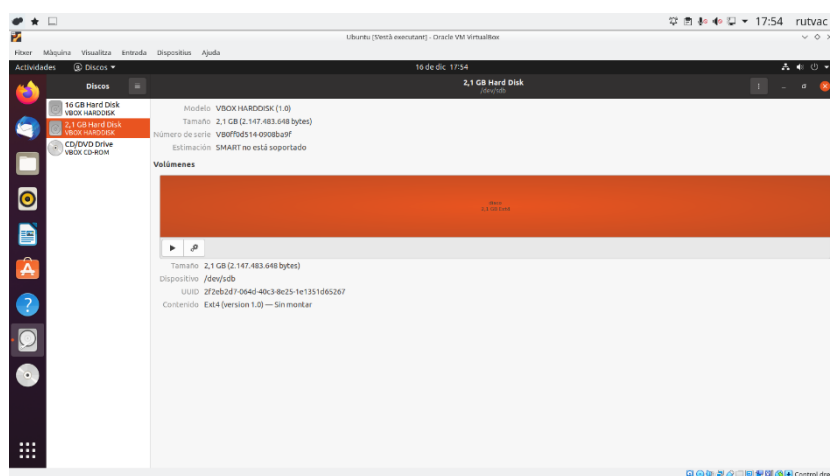
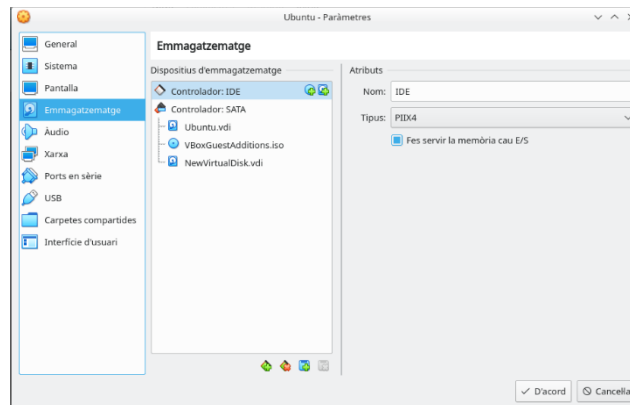
1. Update your VirtualBox application installing the last Extension Pack
2. Add a new Virtual Machine having the Ubuntu Desktop Operating System as a guest.
3. Install VirtualBox Guest Additions
4. Share a folder between the Host and the Virtual Machine. Check that you are able to read files on that folder from both Operating Systems.



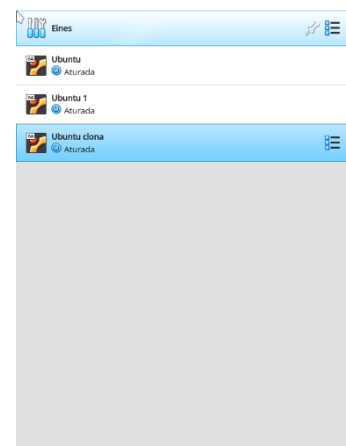
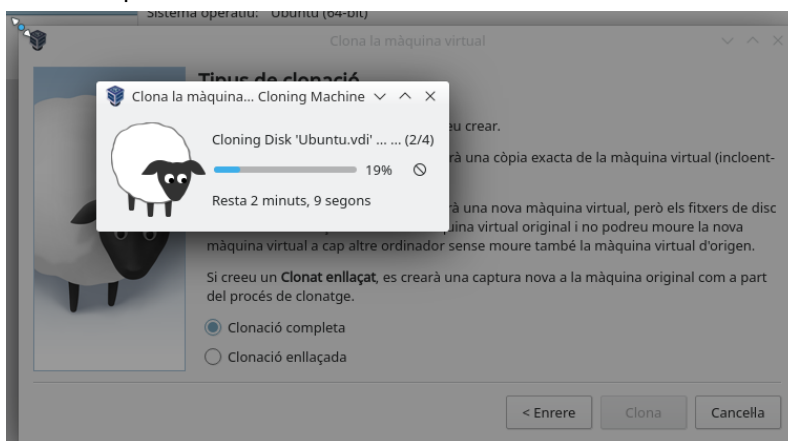
5. Export and import a virtual machine. What is the extension of the file created when exporting?. Check if the new Virtual Machine works after importing it.



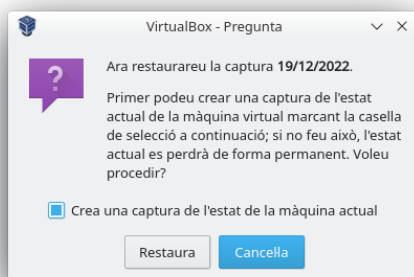
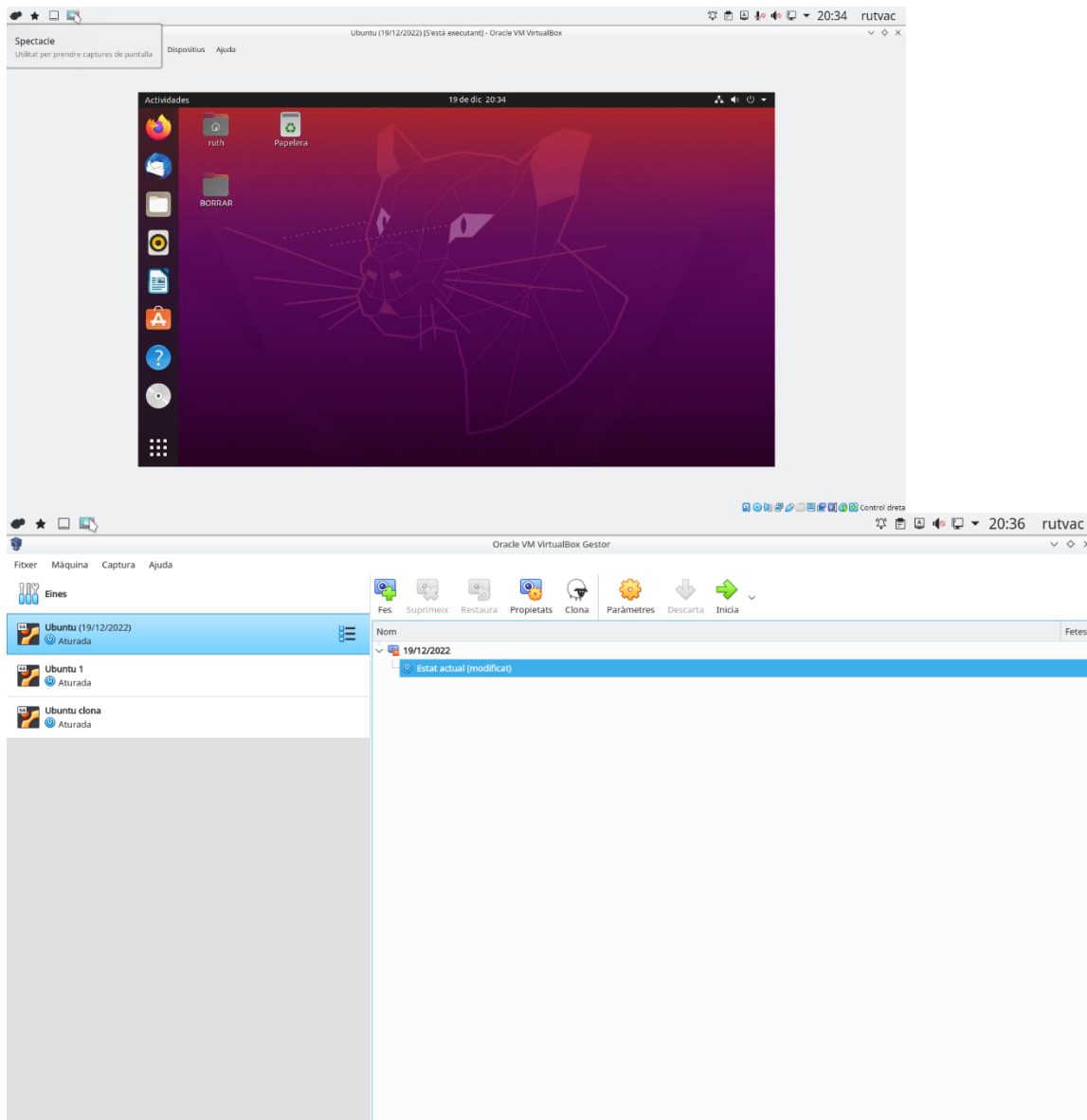
6. Storage in VirtualBox: Create a new hard drive with VDI format (2Gb), dynamic size. Add it to the your Virtual Machine. Format the new disk using Ubuntu “disks” application on your Guest Machine, give it an Ext4 file system.

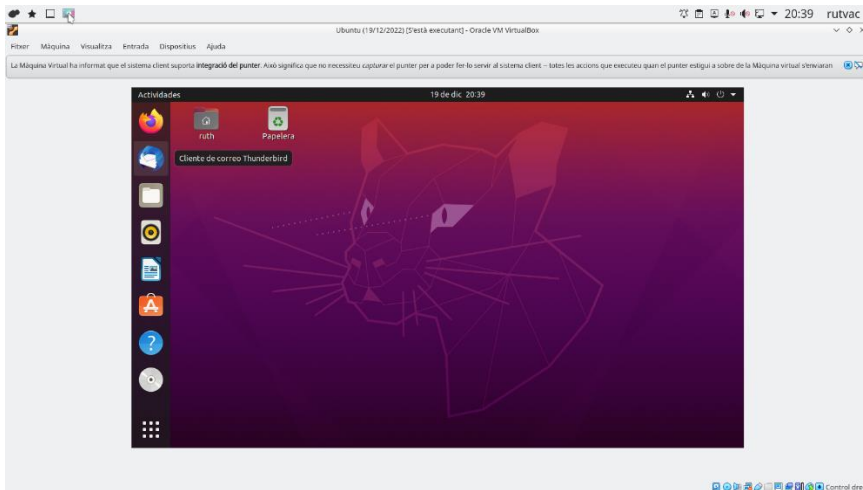


7. Clone the main hard drive of the Windows VM. Save the cloned disk, to restore in case the original gets corrupted.



8. Snapshots: Make a snapshot of the Windows VM. Add a file on the Desktop. Restore the snapshot. Is it the file on the Desktop?. Explain what happens when restoring a snapshot (make sure you have the disk for exercise 6 in case the restoration fails).

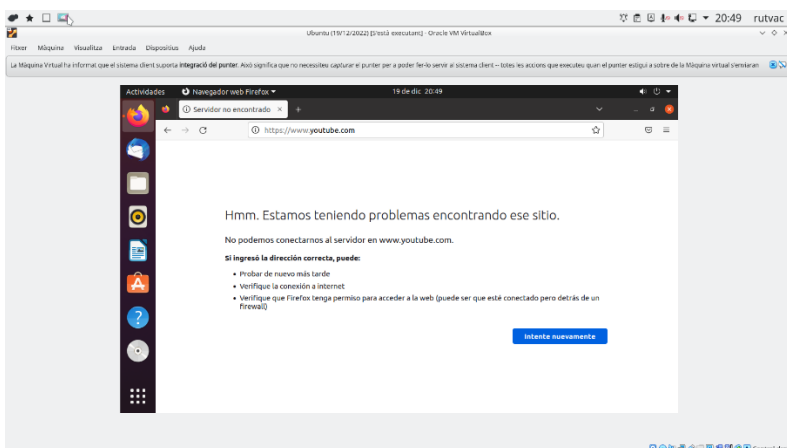




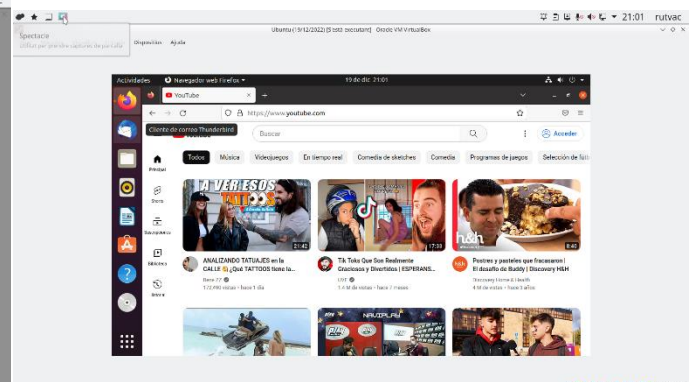
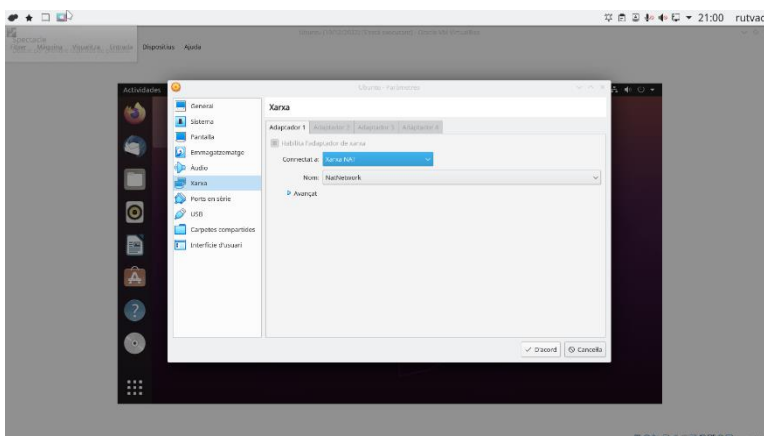
When restoring a snapshot, you are essentially taking a copy of the data that was saved at a specific point in time and using it to overwrite the current state of the system.

- Change the network type in VirtualBox. Test the 6 options and check in each case the Internet connection and with the host machine (Not connected, NAT, NAT network, Bridge adapter, Internal network, Host only-adapter).

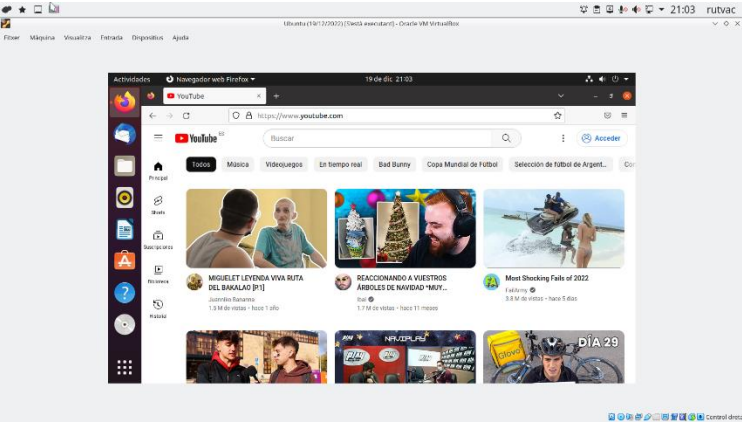
Not connected:



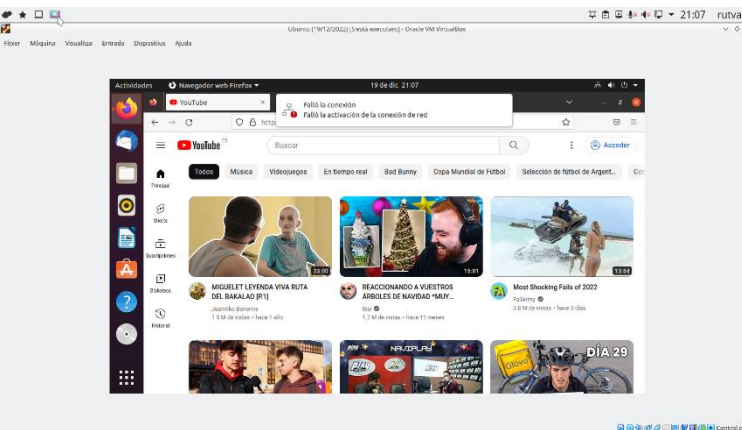
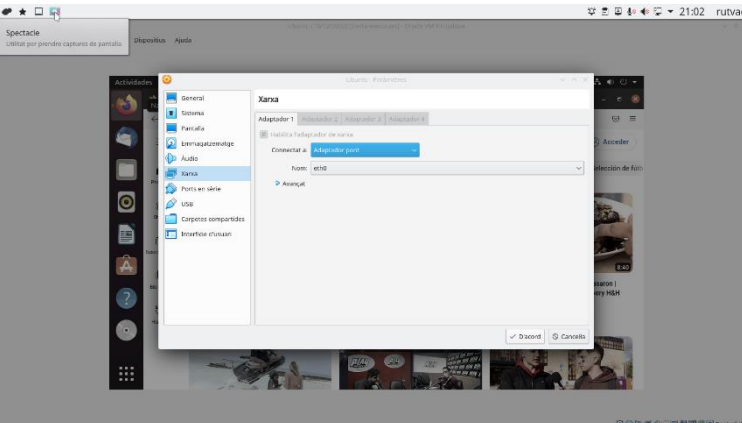
NAT:



NAT network:



Bridge adapter:



Internal network:

