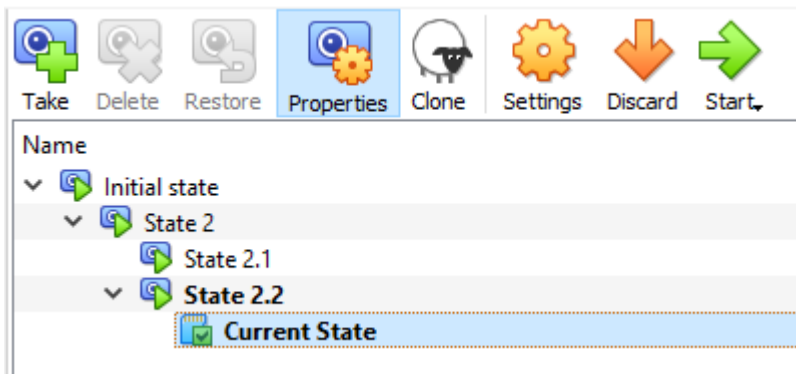


4. Create the snapshots like in the picture below using one of the virtual machines created in the previous exercises. Before each snapshot, you must change something in the operating system. This tool is normally used when performing a critical action or installing software. But, in this case, you can do something so easy as creating a new file to study the different States.

MACHINE→ TOOLS→ SNAPSHOTS

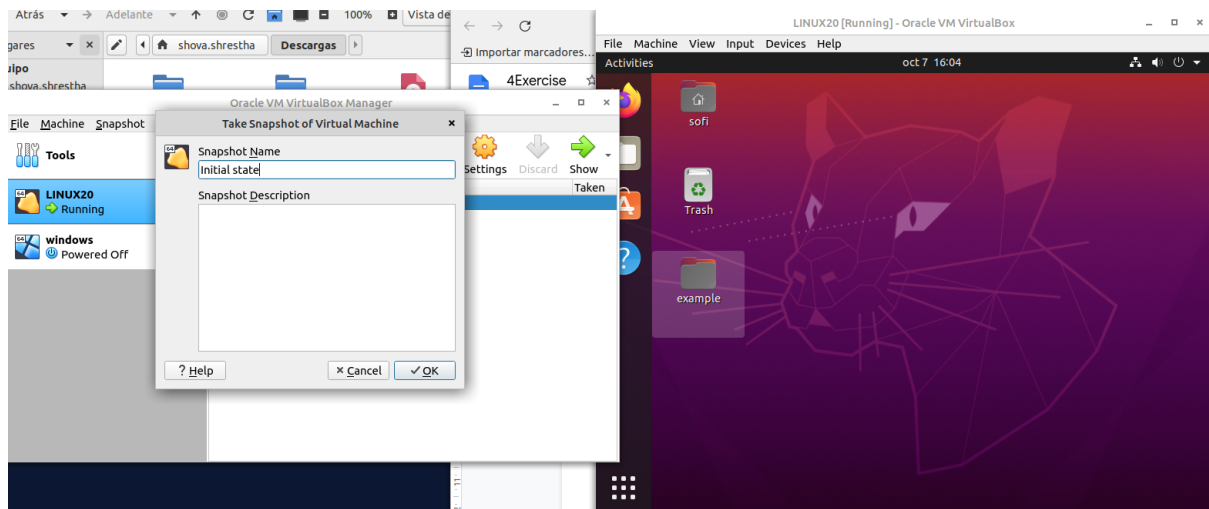


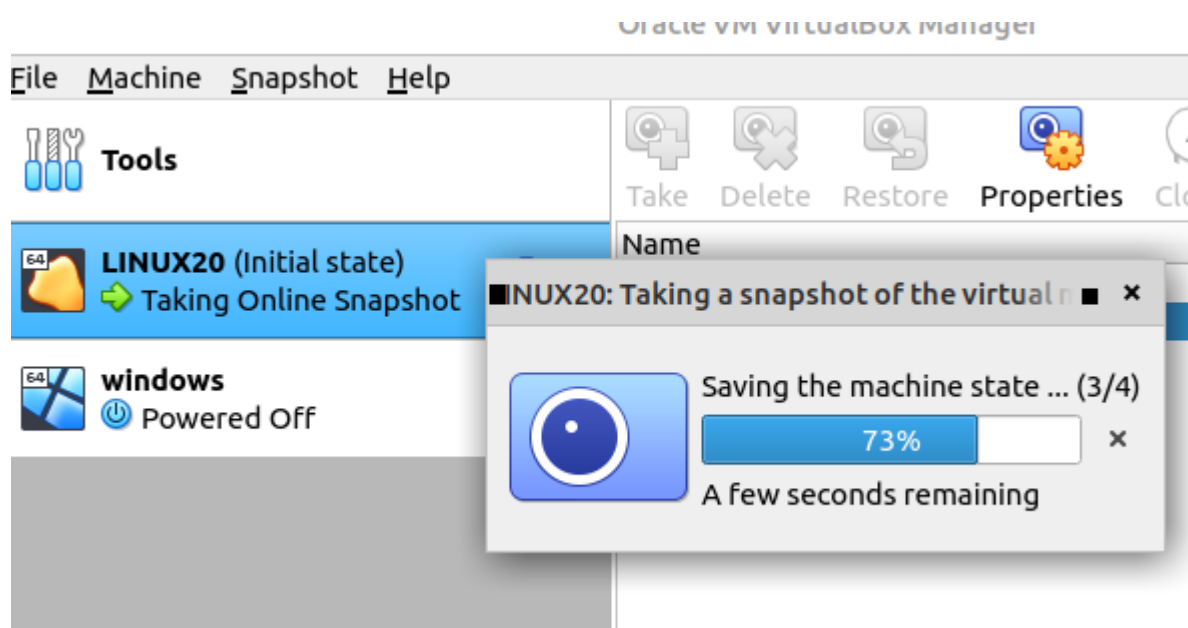
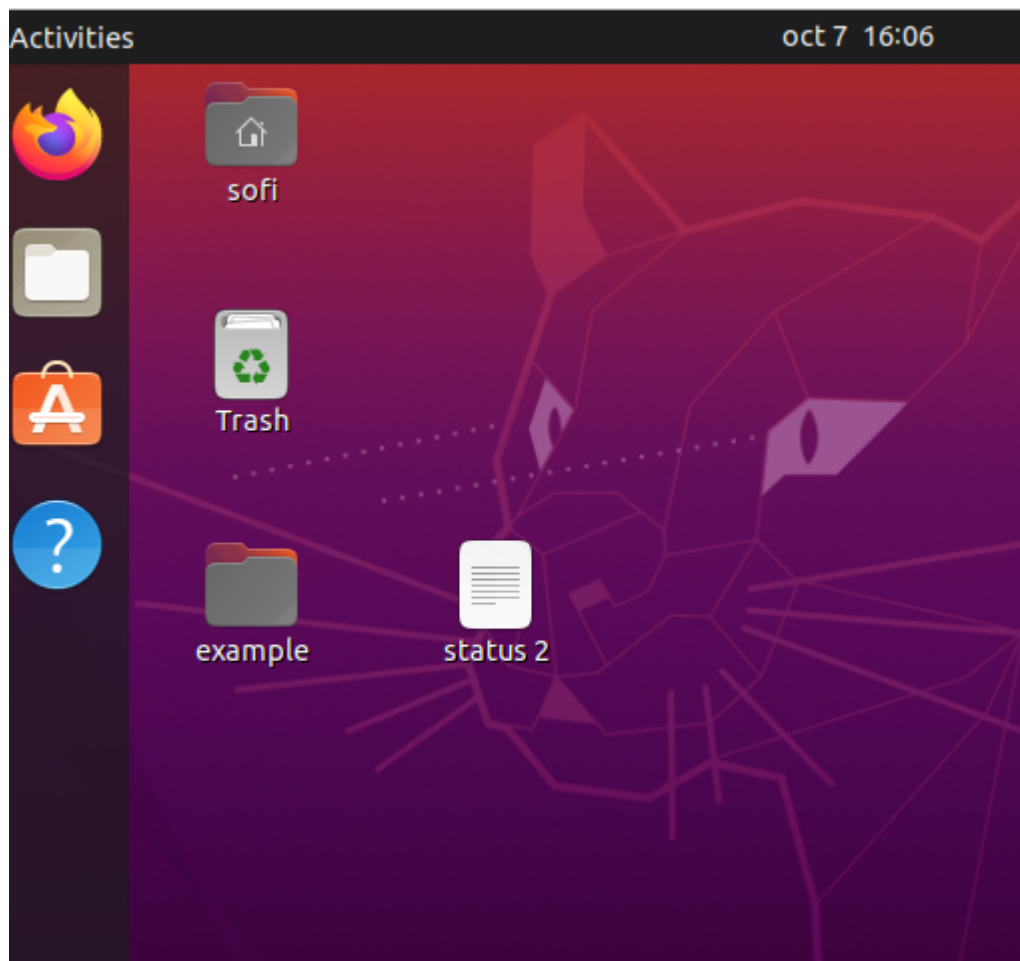
Then, complete the following actions in order:

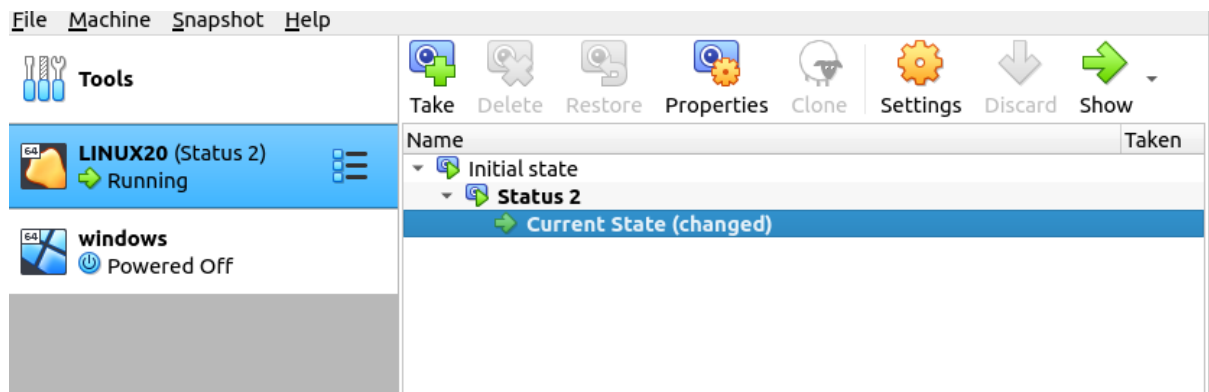
- Restore State 2
- Delete State 2.1 and explain what happens
- Restore State 2.2 no ha pasado nada,, se junta con el estado 2 ?
- Delete State 2.2 and explain what happens

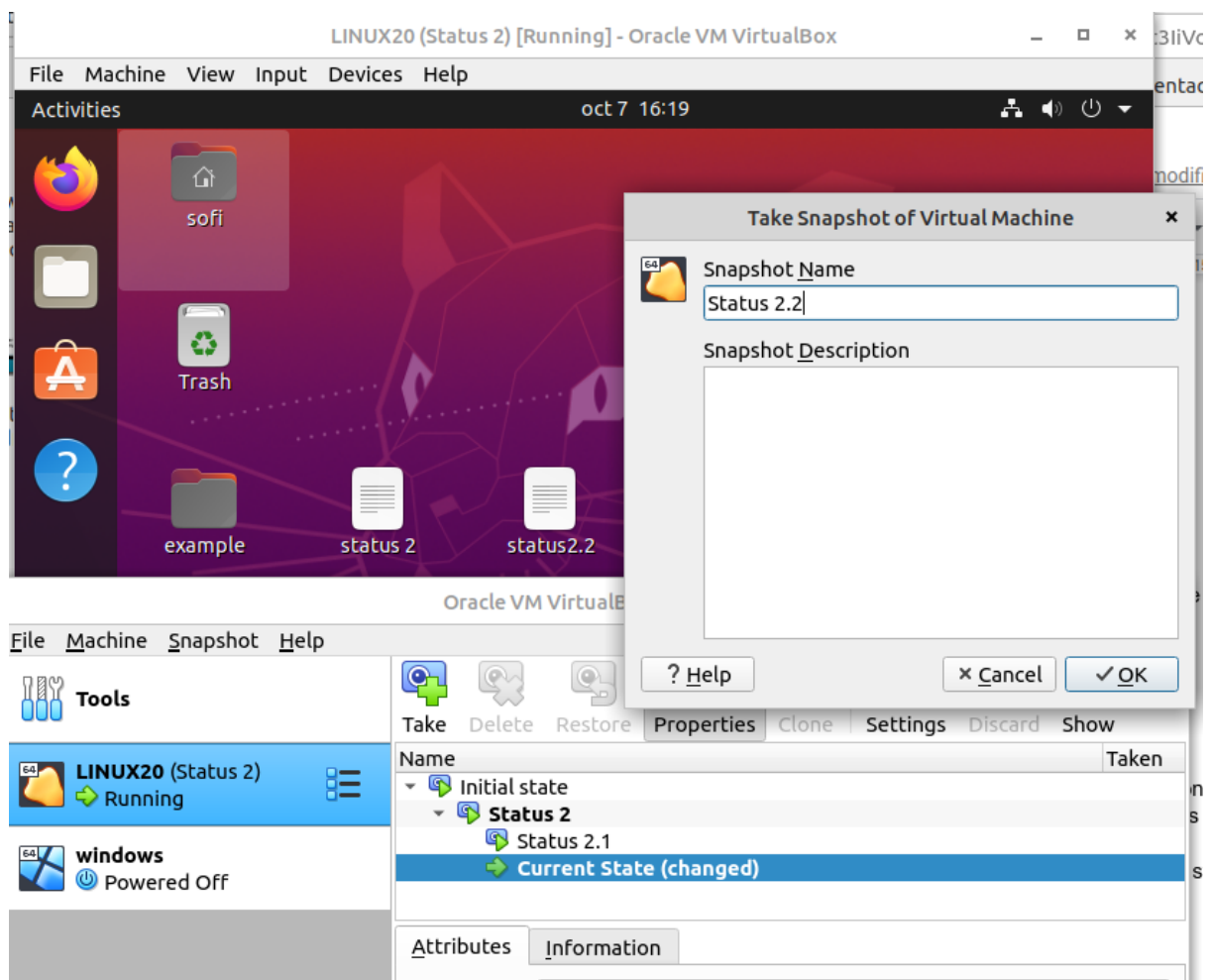
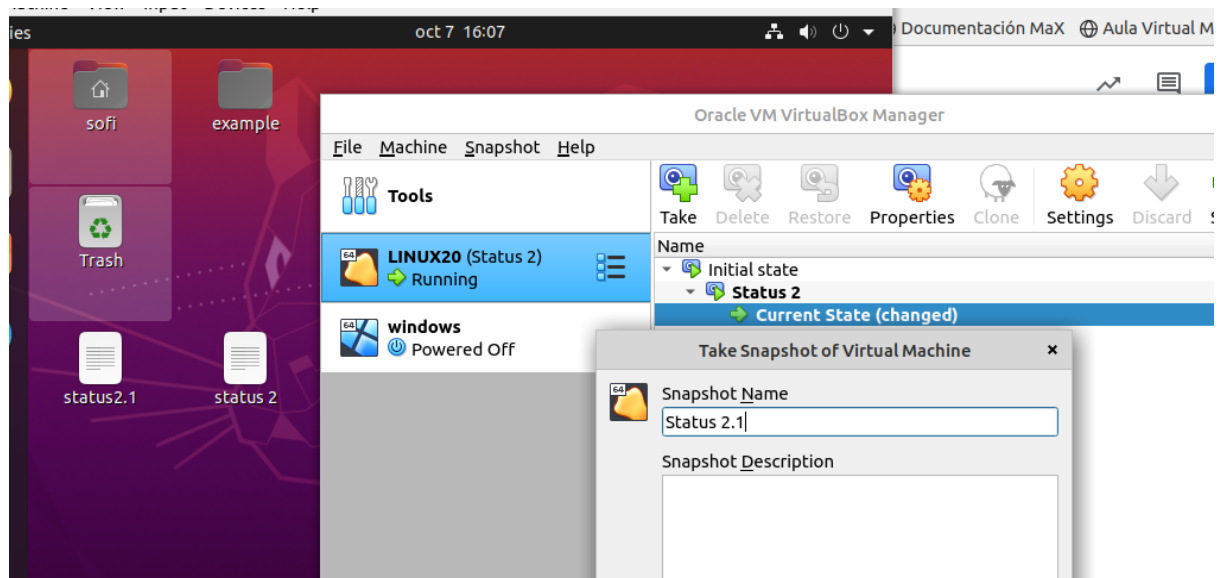
si eliminas el que está arriba se une con el que está abajo guardando las configuraciones del que se borró en cambio si eliminas el que está abajo se eliminará con sus cambios

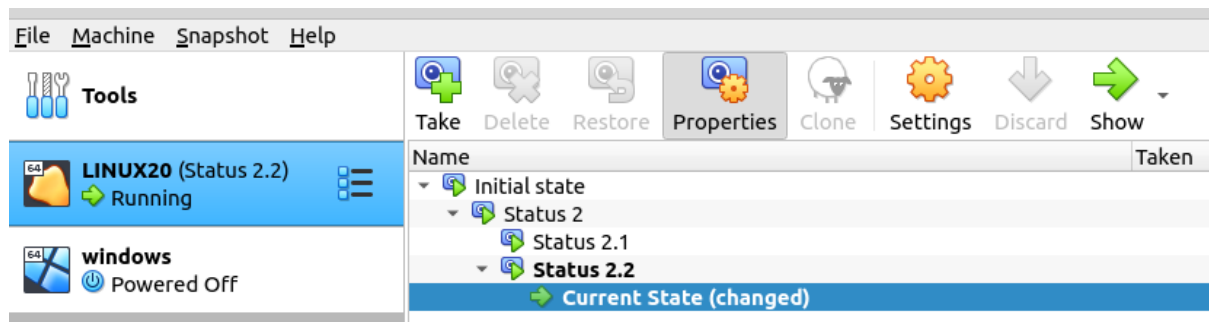
State 2.2 we need to create the state 2 and 2.1 then we shutdown the system and we switch on from the state 2 so we can create the 2.2 in the same level as 2.1



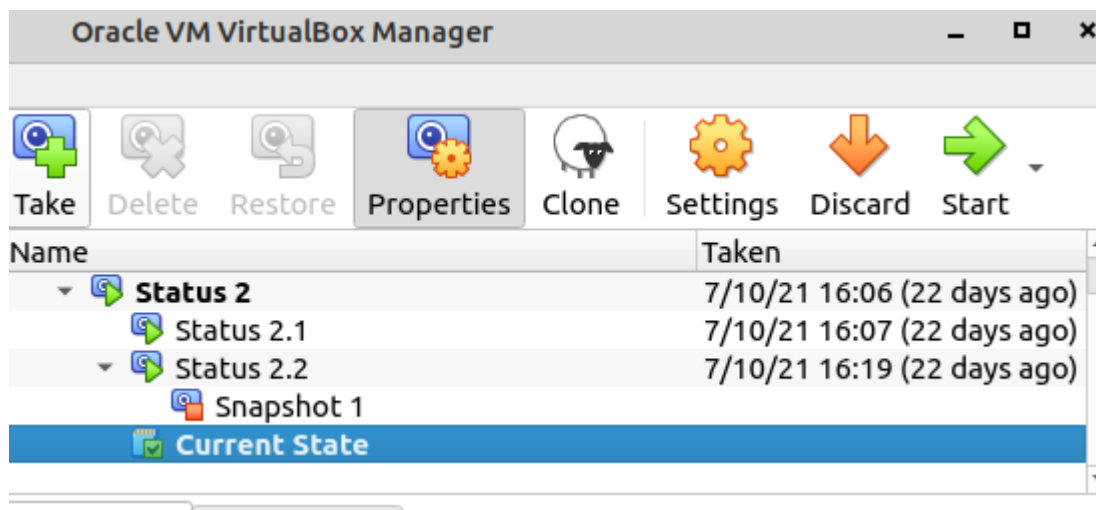
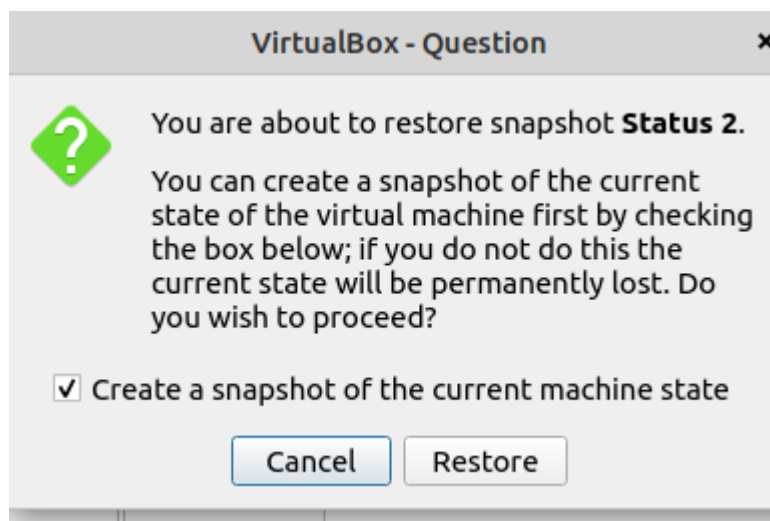




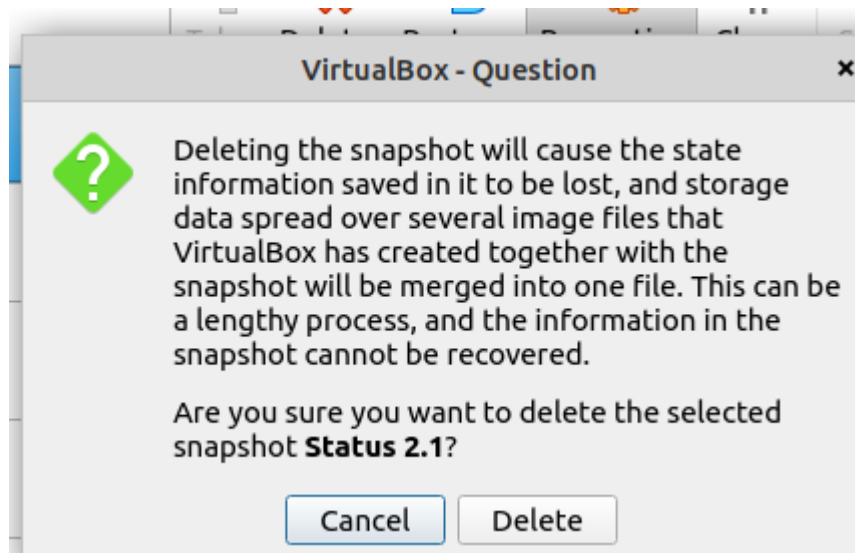




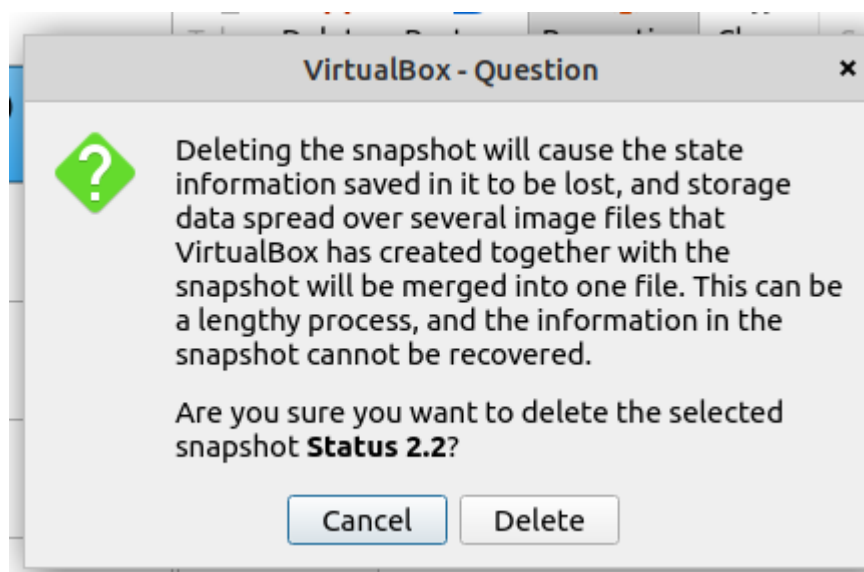
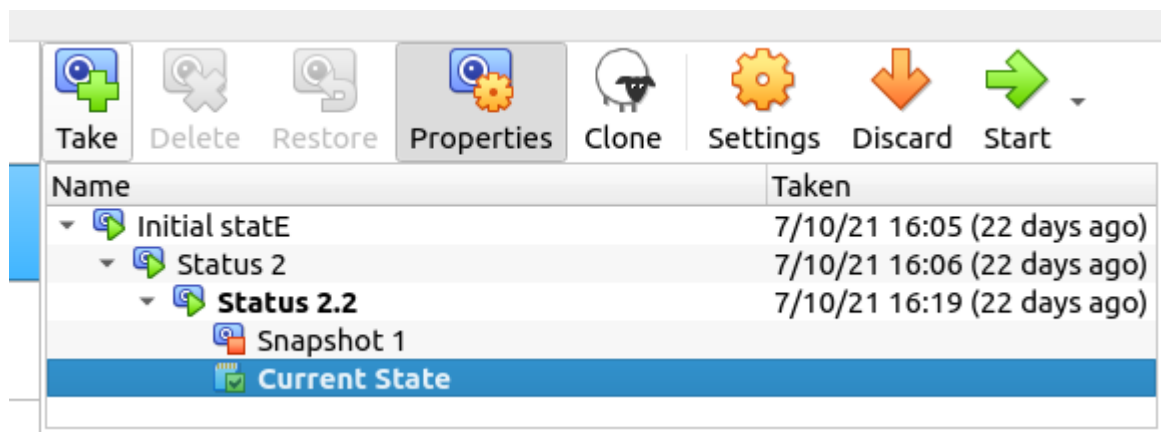
VirtualBox merges the states as much as possible. So, the file created in “State 2.2” has not been deleted.

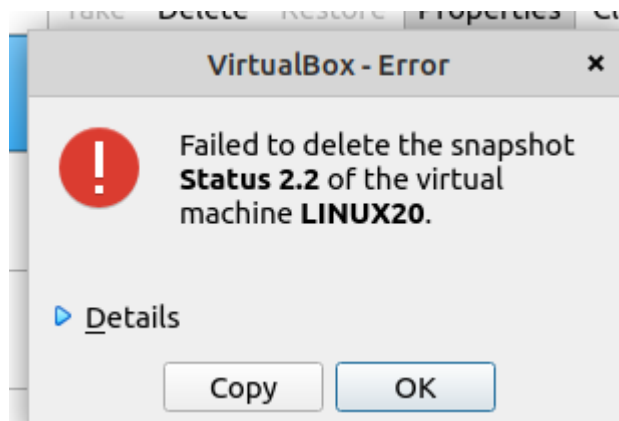


If we start the virtual machine, we will check that the file created in “State 2.1” has disappeared.



VirtualBox merges the states as much as possible. So, the file created in “State 2.2” has not been deleted.





But the snapshots are only merged if they are in the same “branch” and they depend on each other.

For example, in the picture above we can see that the “State 2” is just the previous one, so the changes are merged.

But, in the other case, we are located in “State 2” and “State 2.1” is more recent and it is not in the same “branch”, so the modifications of this snapshot are not saved.

