| Exp No: 9 | **Installation of KVM and Creation of VMs** |
|---|---|
| Date: | |

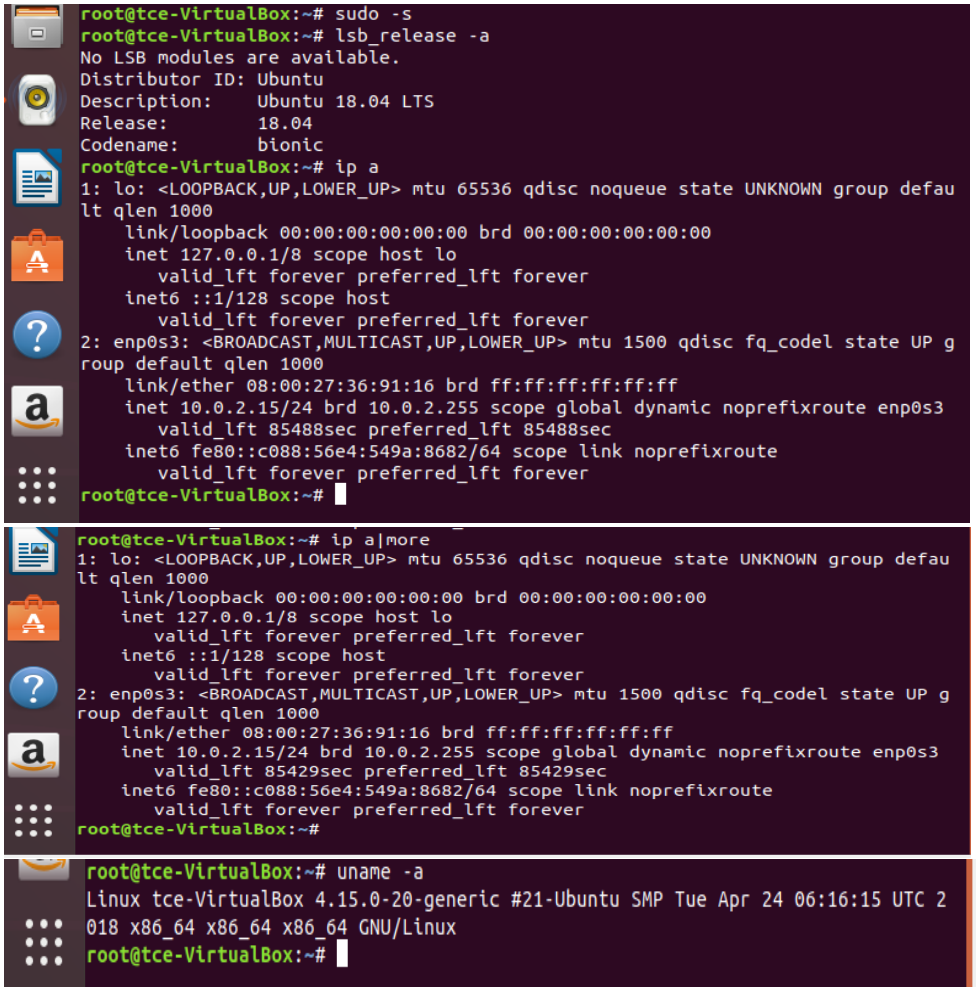
**Aim**

To install KVM in Linux and create a virtual machine.

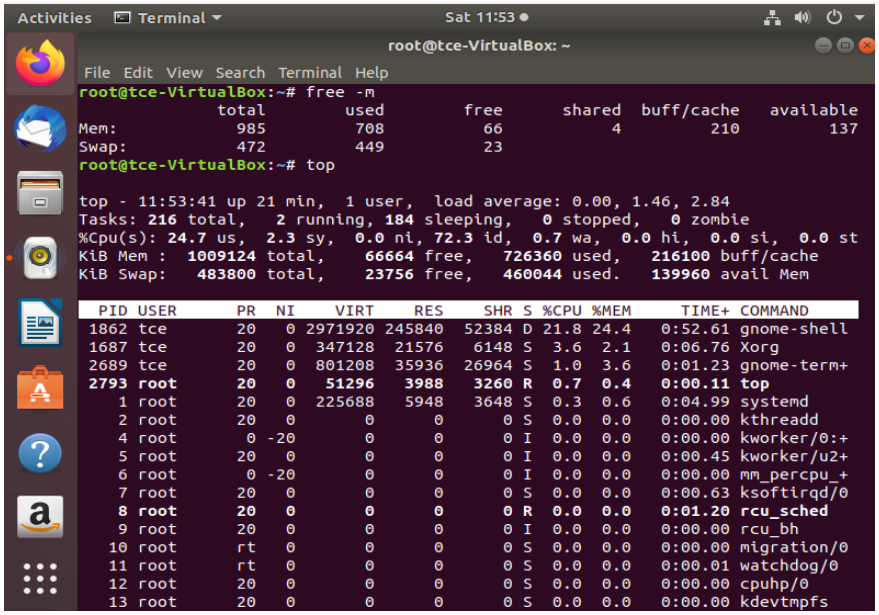
**Procedure**

1. Switch to root user in linux terminal

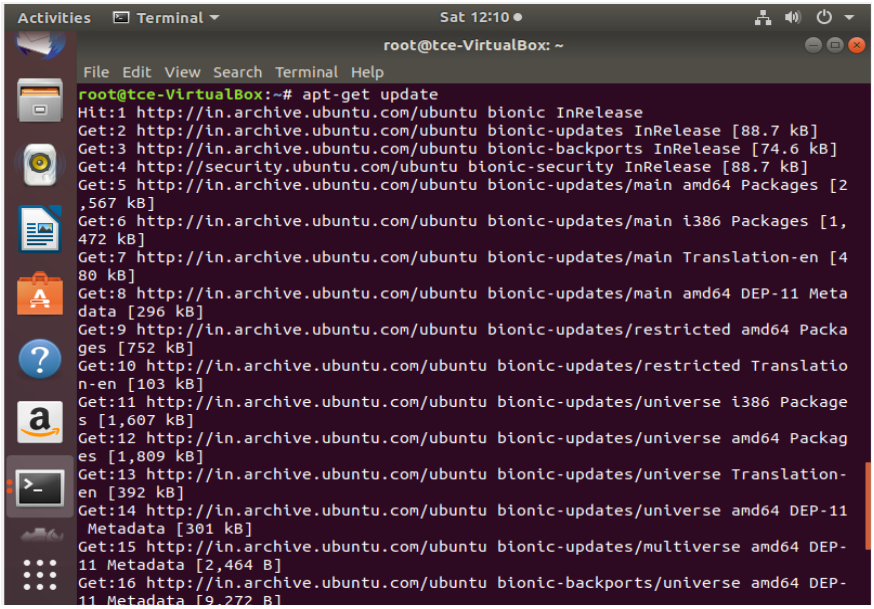
2. Check for ls modules and retrieve IP address



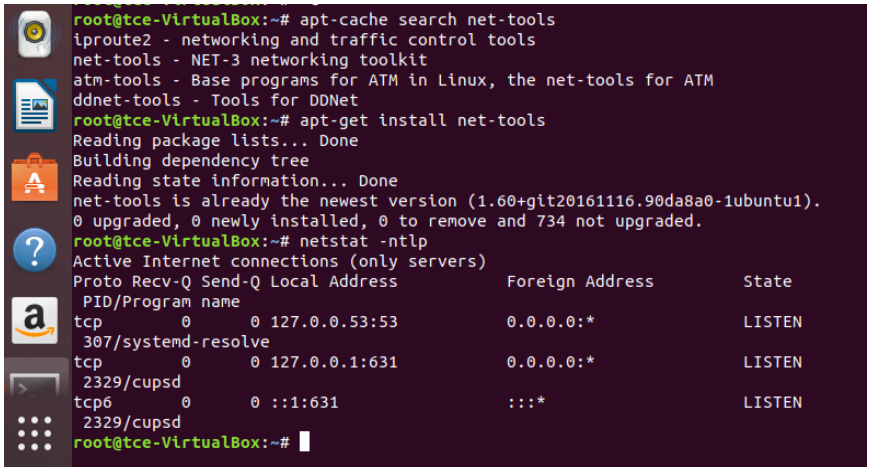

3. Check free memory and process running



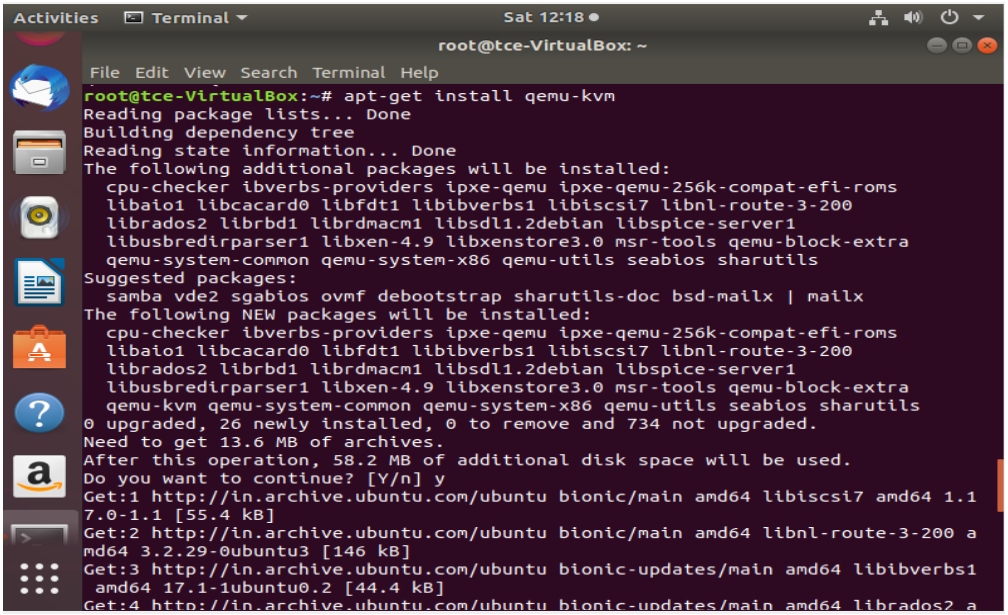

4. Start installing KVM. Update the system

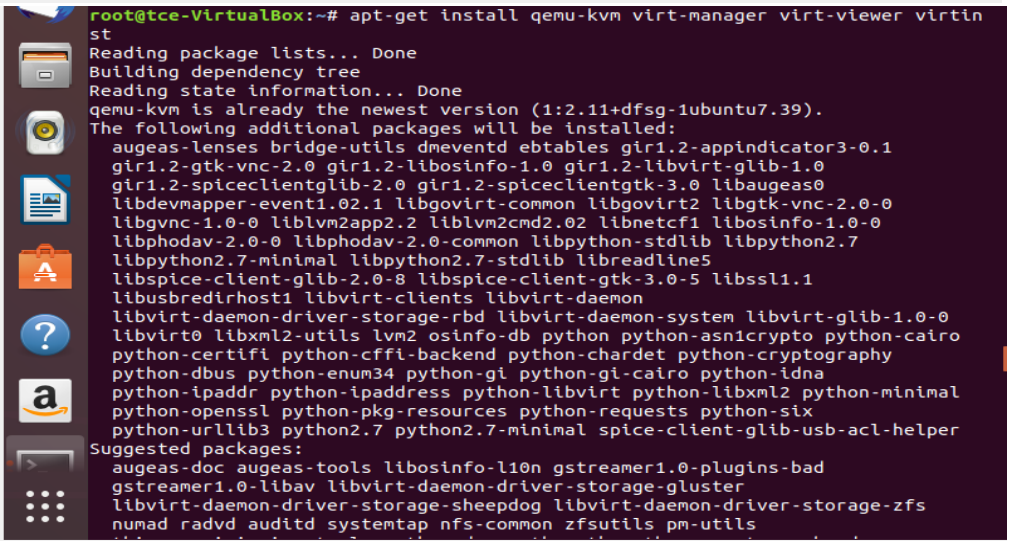


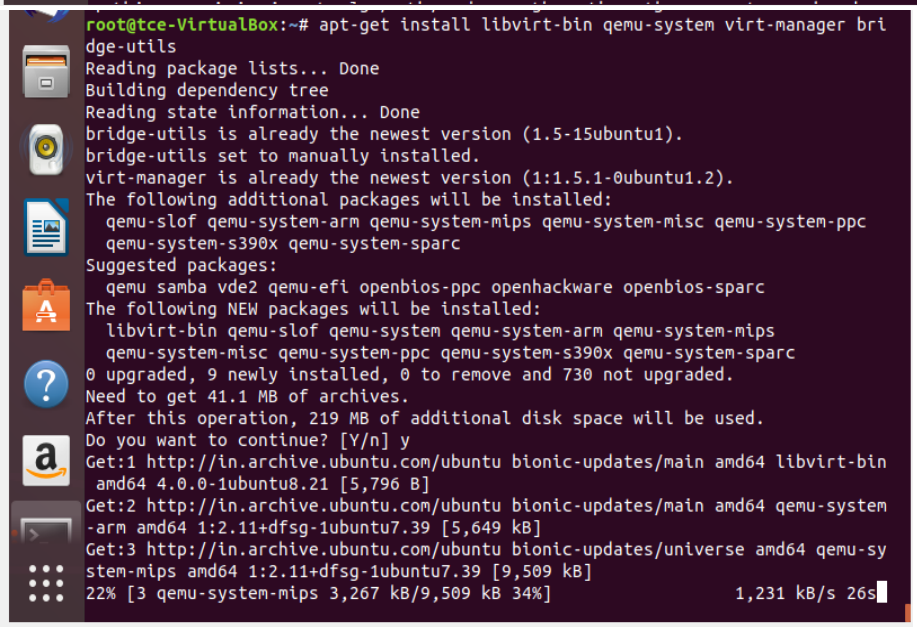

5. Install net-tools and check netstat



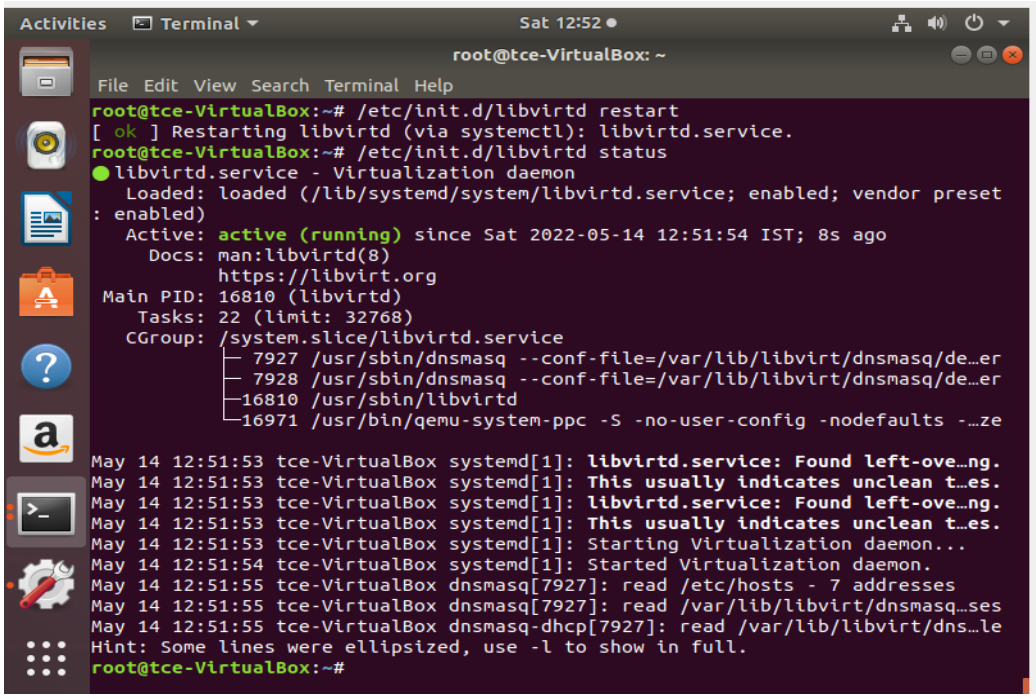
6. Install qemu-kvm, virt-manager, virt-viewer, virtinst, libvirt-bin, qemu-system, bridge-utils



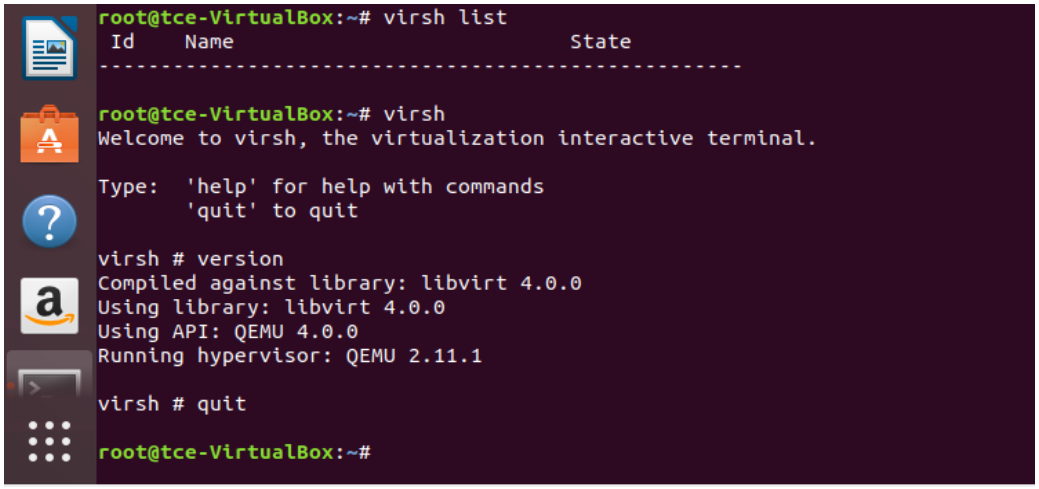



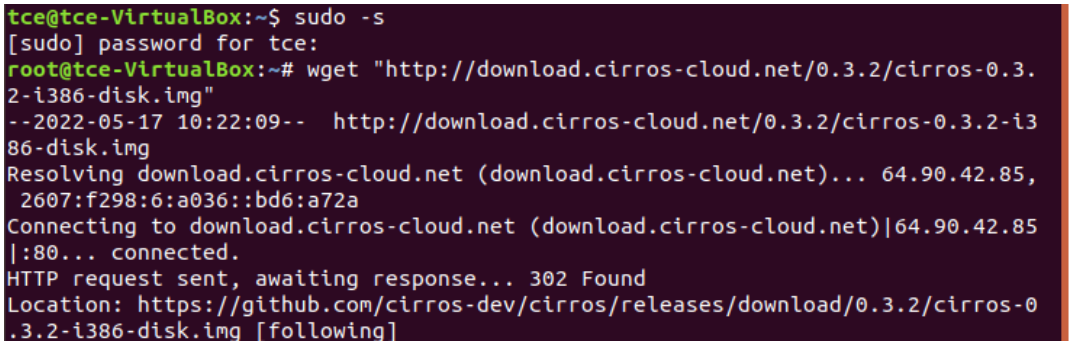
7. Restart the system and check status



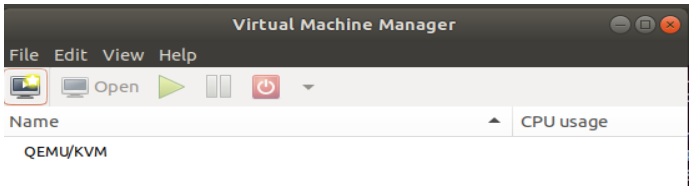

8. virsh-list



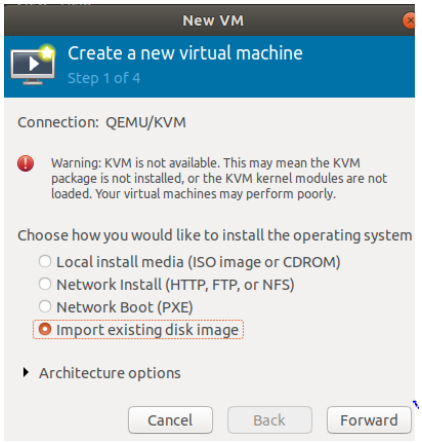

9. Dowload “http://download.cirros-cloud.net/0.3.2/cirros-0.3.2-i386-disk.img”



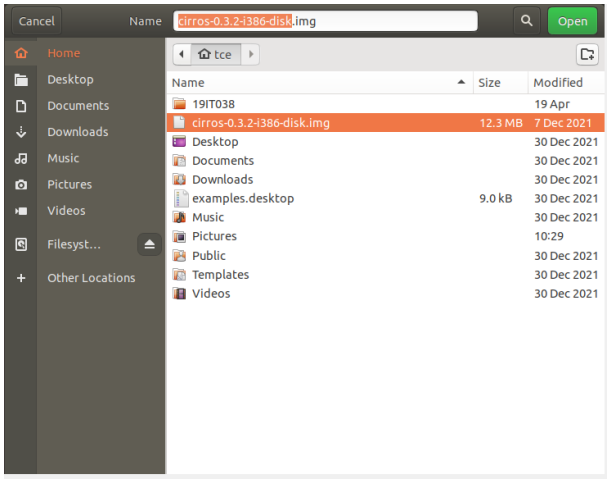
10. Open virt-manager

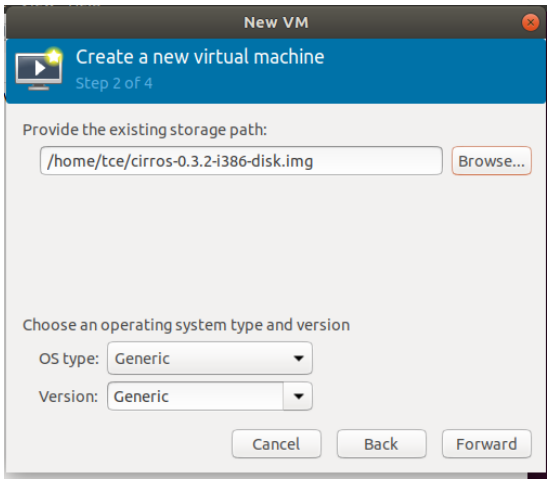



11. Create new virtual machine -> import existing disk image

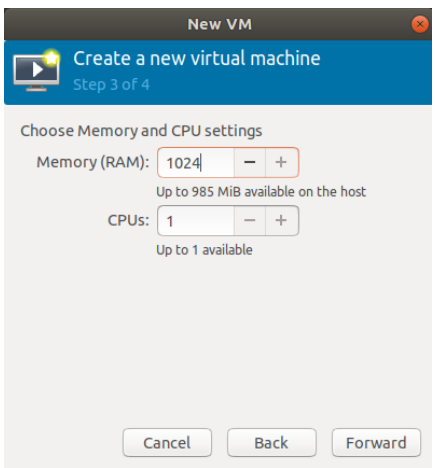


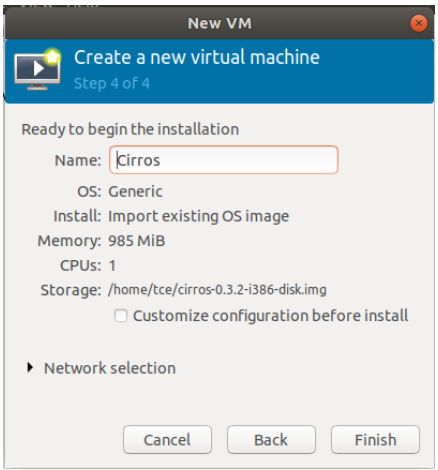

12. Choose the cirros disk image

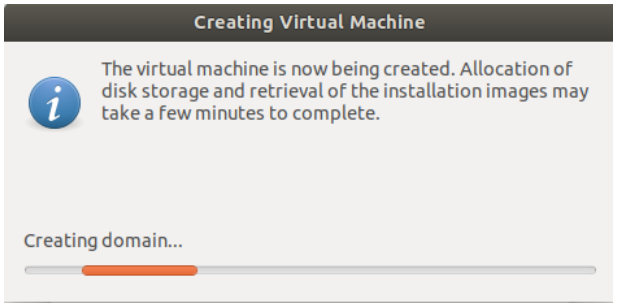


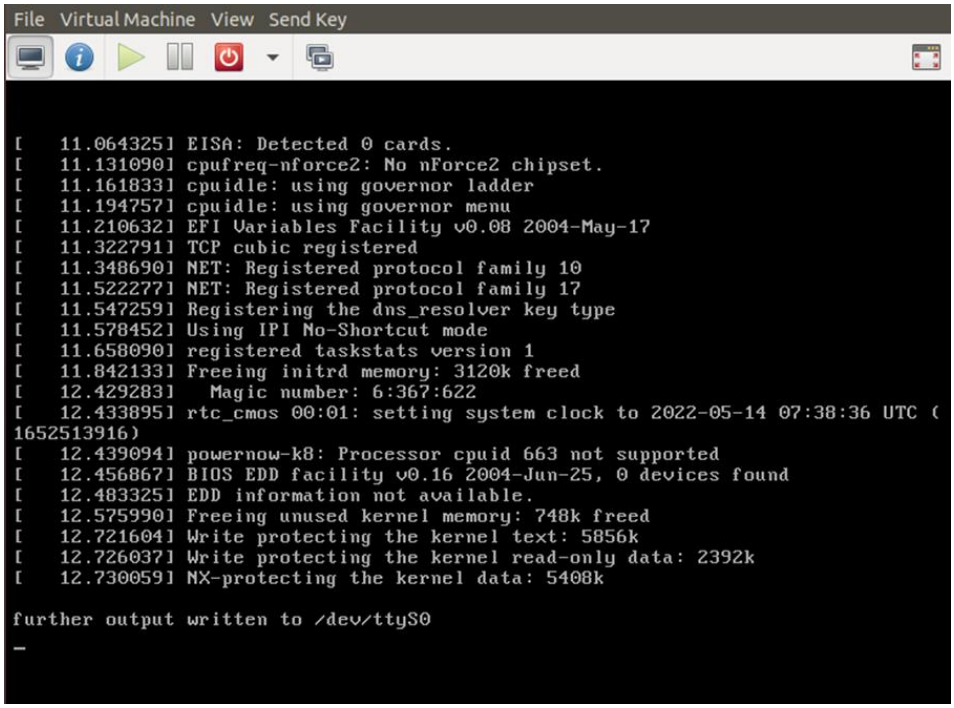

13. Memory RAM = 1024MB , CPUs = 1, Set name to “cirros”

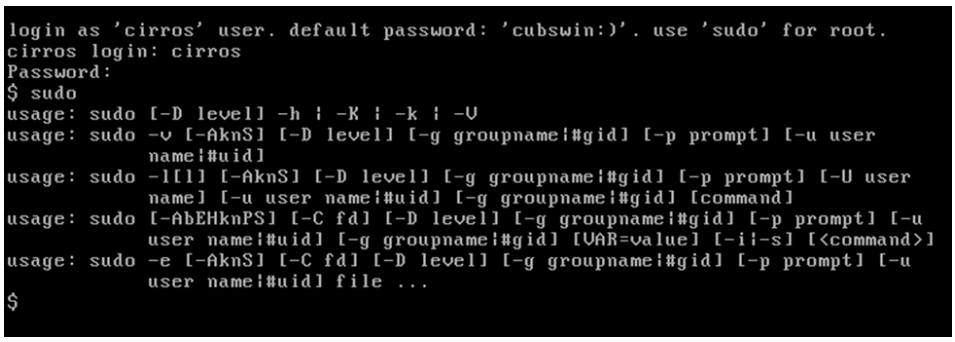





14. Boot VM




**Result**

Thus, KVM is installed in Linux, and virtual machine is created.