OPENNEBULA BY DHRUVIK

❖ apt-get update
❖ apt-get -y install gnupg wget apt-transport-https
❖ echo "deb [signed-by=/etc/apt/keyrings/opennebula.gpg]
   https://downloads.opennebula.io/repo/6.10/Ubuntu/24.04 stable opennebula" >
   /etc/apt/sources.list.d/opennebula.list
❖ sudo wget -q -O- https://downloads.opennebula.io/repo/repo2.key | gpg --dearmor --yes --
   output /etc/apt/keyrings/opennebula.gpg
❖ apt-get update
❖ apt-get -y install opennebula opennebula-fireedge opennebula-gate opennebula-flow
   opennebula-provisi

```
========================[ WARNING ]===============================
Different permissions of directory "/var/lib/one" detected.
If apache or httpd user needs to access it consider running
chmod a+x /var/lib/one/sunstone after the upgrade.
========================[ WARNING ]===============================
```

NETWORK CONNECTION LOST

```
Selecting previously unselected package opennebula-fireedge.
Preparing to unpack .../067-opennebula-fireedge_6.10.0.1-1_amd64.deb ...
Unpacking opennebula-fireedge (6.10.0.1-1) ...

[1]+  Stopped                 apt-get -y install opennebula opennebula-fireedge opennebula-gate opennebula-flow opennebula-provision
```

```
root@DESKTOP-J99D54Q:/mnt/c/Users/Dell# apt-get -y install opennebula opennebula-fireedge opennebula-gate opennebula-flow opennebula-provisi
on
E: Could not get lock /var/lib/dpkg/lock-frontend. It is held by process 1768 (apt-get)
N: Be aware that removing the lock file is not a solution and may break your system.
E: Unable to acquire the dpkg frontend lock (/var/lib/dpkg/lock-frontend), is another process using it?
```

ERRO:

1. **ps aux | grep apt**
2. **sudo kill -9 1768**
3. **sudo rm /var/lib/dpkg/lock-frontend**
4. **sudo dpkg --configure –a**
5. **sudo apt-get update**

```
root@DESKTOP-J99D54Q:/mnt/c/Users/Dell# ps aux | grep apt
root        1768  0.2  2.1  91428 83356 pts/2    T    14:10   0:01 apt-get -y install opennebula opennebula-fireedge opennebula-gate openneb
ula-flow opennebula-provision
root        1891  6.4  1.4  59420 57944 pts/3    Ds+  14:12   0:48 /usr/bin/dpkg --status-fd 42 --no-triggers --unpack --auto-deconfigure --
recursive /tmp/apt-dpkg-install-tsfgUr
root        3208  0.0  0.0   4088  2076 pts/2    S+   14:24   0:00 grep --color=auto apt
root@DESKTOP-J99D54Q:/mnt/c/Users/Dell# sudo kill -9 1768
root@DESKTOP-J99D54Q:/mnt/c/Users/Dell# sudo rm /var/lib/dpkg/lock-frontend
[1]+  Killed                  apt-get -y install opennebula opennebula-fireedge opennebula-gate opennebula-flow opennebula-provision
root@DESKTOP-J99D54Q:/mnt/c/Users/Dell# sudo rm /var/cache/apt/archives/lock
root@DESKTOP-J99D54Q:/mnt/c/Users/Dell# sudo dpkg --configure -a
Setting up genisoimage (9:1.1.11-3.5) ...
Setting up javascript-common (11+nmu1) ...
```

❖ **ls -ld /var/lib/one**
❖ **sudo chown -R oneadmin:oneadmin /var/lib/one**
❖ **sudo apt-get update**

- ❖ **apt-get -y install opennebula opennebula-fireedge opennebula-gate opennebula-flow opennebula-provisi (2 time error)**
- ❖ **sudo -u oneadmin /bin/sh**
  - ➢ **echo 'oneadmin:changeme123' > /var/lib/one/.one/one_auth**
  - ➢ **exit**
- ❖ **systemctl start opennebula opennebula-fireedge opennebula-gate opennebula-flow**
- ❖ **systemctl enable opennebula opennebula-fireedge opennebula-gate opennebula-flow**
- ❖ **oneuser show**
- ❖ **ip addr**
- ❖ **apt install cpu-checker**
- ❖ **kvm-ok**
- ❖ **apt install qemu-system-x86**
- ❖ **apt install opennebula-node**
- ❖ **systemctl status opennebula**
- ❖ **hostname**