

Exercise 3 – Turn-In – Login & Update

Now that we have completed the installation, let's do some exercises and turn-in the lab. I need some snippets.

******* Please don't submit, Exercise 1 & 2 Above, Blackboard does not need the install process above. Just submit Exercise 3 with any questions answered and the snippets required.**

- 1) Login to Ubuntu using the command line. Use the User Account that you created. Add a snippets below:

*** Provide a snippet of the Ubuntu Login prompt. Execute:

- a. show your username, and sudo to root

```

Ubuntu 22.04.3 LTS pabloubuntu tty1

pabloubuntu login: pbarrientos
Password:
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 5.15.0-91-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

System information as of Thu Jan 18 08:17:14 PM UTC 2024

System load:  0.0                       Processes:            211
Usage of /:   31.0% of 9.75GB           Users logged in:      0
Memory usage: 9%                       IPv4 address for ens33: 192.168.126.128
Swap usage:   0%

Expanded Security Maintenance for Applications is not enabled.

49 updates can be applied immediately.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

Last login: Thu Jan 18 20:11:44 UTC 2024 on tty1
pbarrientos@pabloubuntu:~$ sudo su -
[sudo] password for pbarrientos:
root@pabloubuntu:~#

```

b. `uname -a`

```
root@pabloubuntu:~# uname -a
Linux pabloubuntu 5.15.0-91-generic #101-Ubuntu SMP Tue Nov 14 13:30:08 UTC 2023 x86_64 x86_64 x86_64 GNU/Linux
```

c. `whoami` (As your username, and as root)

```
pbarrientos@pabloubuntu:~$ whoami
pbarrientos

root@pabloubuntu:~# whoami
root
```

d. `ping www.google.com` (Or a site of your choice)

```
root@pabloubuntu:~# ping -c 8 www.google.com
PING www.google.com (142.251.116.99) 56(84) bytes of data.
64 bytes from rt-in-f99.1e100.net (142.251.116.99): icmp_seq=1 ttl=128 time=41.3 ms
64 bytes from rt-in-f99.1e100.net (142.251.116.99): icmp_seq=2 ttl=128 time=34.6 ms
64 bytes from rt-in-f99.1e100.net (142.251.116.99): icmp_seq=3 ttl=128 time=33.0 ms
64 bytes from rt-in-f99.1e100.net (142.251.116.99): icmp_seq=4 ttl=128 time=45.8 ms
64 bytes from rt-in-f99.1e100.net (142.251.116.99): icmp_seq=5 ttl=128 time=40.3 ms
64 bytes from rt-in-f99.1e100.net (142.251.116.99): icmp_seq=6 ttl=128 time=39.4 ms
64 bytes from rt-in-f99.1e100.net (142.251.116.99): icmp_seq=7 ttl=128 time=57.2 ms
64 bytes from rt-in-f99.1e100.net (142.251.116.99): icmp_seq=8 ttl=128 time=36.7 ms
```

2) Update the System. (Use `sudo` to root first)

*** Provide a snippet of process. Execute:

a. `sudo su -`

```
pbarrientos@pabloubuntu:~$ sudo su -
root@pabloubuntu:~# _
```

b. `apt-get update`

```
root@pabloubuntu:~# apt-get update
Hit:1 http://us.archive.ubuntu.com/ubuntu jammy InRelease
Hit:2 http://us.archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:3 http://us.archive.ubuntu.com/ubuntu jammy-backports InRelease
Hit:4 http://us.archive.ubuntu.com/ubuntu jammy-security InRelease
Hit:5 https://esm.ubuntu.com/apps/ubuntu jammy-apps-security InRelease
Hit:6 https://esm.ubuntu.com/apps/ubuntu jammy-apps-updates InRelease
Hit:7 https://esm.ubuntu.com/infra/ubuntu jammy-infra-security InRelease
Hit:8 https://esm.ubuntu.com/infra/ubuntu jammy-infra-updates InRelease
Reading package lists... Done
```

c. `apt-get upgrade` (answer Y to prompt)

It did not let me scroll up on the command prompt, I think it bugged out after executing the upgrade.

```
/etc/needrestart/restart.d/systemd-manager
systemctl restart open-vm-tools.service packagekit.service polkit.service ssh.service udisks2.servi
ce
Service restarts being deferred:
systemctl restart ModemManager.service
/etc/needrestart/restart.d/dbus.service
systemctl restart networkd-dispatcher.service
systemctl restart systemd-logind.service
systemctl restart unattended-upgrades.service
systemctl restart user@1000.service

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
```

d. After, do update & upgrade again showing, nothing to do.

```
root@pabloubuntu:~# apt-get update
Hit:1 http://us.archive.ubuntu.com/ubuntu jammy InRelease
Hit:2 http://us.archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:3 http://us.archive.ubuntu.com/ubuntu jammy-backports InRelease
Hit:4 https://esm.ubuntu.com/apps/ubuntu jammy-apps-security InRelease
Hit:5 http://us.archive.ubuntu.com/ubuntu jammy-security InRelease
Hit:6 https://esm.ubuntu.com/apps/ubuntu jammy-apps-updates InRelease
Hit:7 https://esm.ubuntu.com/infra/ubuntu jammy-infra-security InRelease
Hit:8 https://esm.ubuntu.com/infra/ubuntu jammy-infra-updates InRelease
Reading package lists... Done
root@pabloubuntu:~# apt-get upgrade
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Calculating upgrade... Done
The following packages have been kept back:
  libmm-glib0 modemmanager ubuntu-advantage-tools
0 upgraded, 0 newly installed, 0 to remove and 3 not upgraded.
root@pabloubuntu:~#
```