

OLD DOMINION UNIVERSITY

CYSE 301 CYBERSECURITY TECHNIQUES AND OPERATIONS

Assignment #14 - System Admin

Timothy Attah

01140288

Ubuntu 64-bit - VMware Workstation

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 - Windows 7 - ECE/MSIM 470/570
 - Windows XP - ECE/MSIM 470/570
 - Shared VMs (Deprecated)

Calculator

```

cyse301@ubuntu:~$ cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
cyse301:x:2074:2074:cyse301:/home/cyse301:/bin/bash
2400 cyse301 20 0 51408 3856 3064 R 0.7 0.1 0:00.07 at-spi2-r+
276 root 20 0 0 0 0 S 0.3 0.0 0:00.19 kworker/u+
565 root 20 0 194972 9796 8584 S 0.3 0.2 0:00.91 vntoolsd
1661 root 20 0 0 0 0 S 0.3 0.0 0:00.79 kworker/0+
1863 cyse301 20 0 467768 27424 22668 S 0.3 0.7 0:00.26 banfdaemon
2101 cyse301 20 0 931124 48272 36728 S 0.3 1.2 0:01.58 nautilus
1 root 20 0 139540 7328 5364 S 0.0 0.2 0:06.22 systemd
2 root 20 0 0 0 0 S 0.0 0.0 0:00.08 kthreadd
3 root 20 0 0 0 0 S 0.0 0.0 0:00.00 kworker/0+
4 root 0 -20 0 0 0 S 0.0 0.0 0:00.00 kworker/0+
6 root 20 0 0 0 0 S 0.0 0.0 0:00.12 ksoftirqd+
7 root 20 0 0 0 0 S 0.0 0.0 0:00.18 rcu_sched
8 root 20 0 0 0 0 S 0.0 0.0 0:00.00 rcu_bh

cyse301@ubuntu:~$ gnome-calculator &
[1] 2592
cyse301@ubuntu:~$
** (gnome-calculator:2592): WARNING **: currency.vala:459: Couldn't download IMF
cur ( (gnome-calculator:2592): WARNING **: currency.vala:459: Couldn't download ECB
cur ( (gnome-calculator:2592): WARNING **: currency.vala:459: Couldn't download IMF
cur ( (gnome-calculator:2592): WARNING **: currency.vala:459: Couldn't download ECB

```

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Terminal

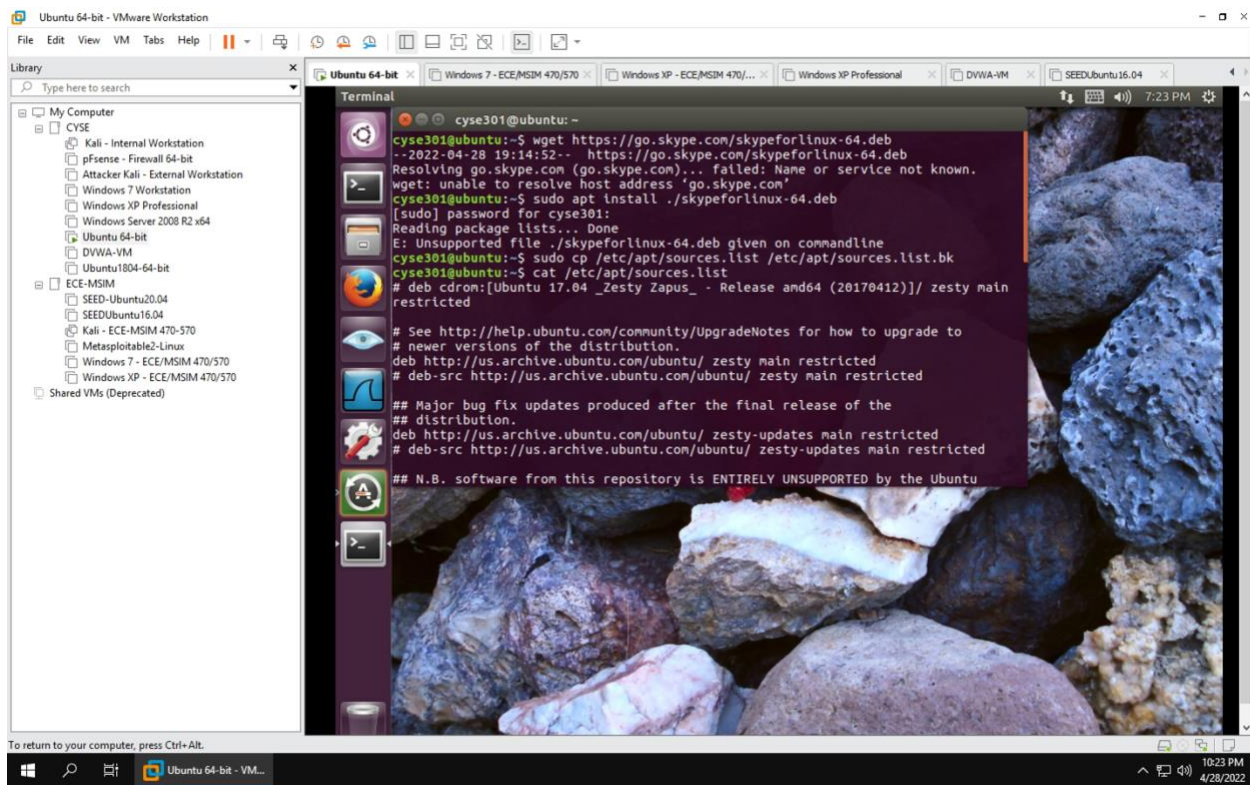
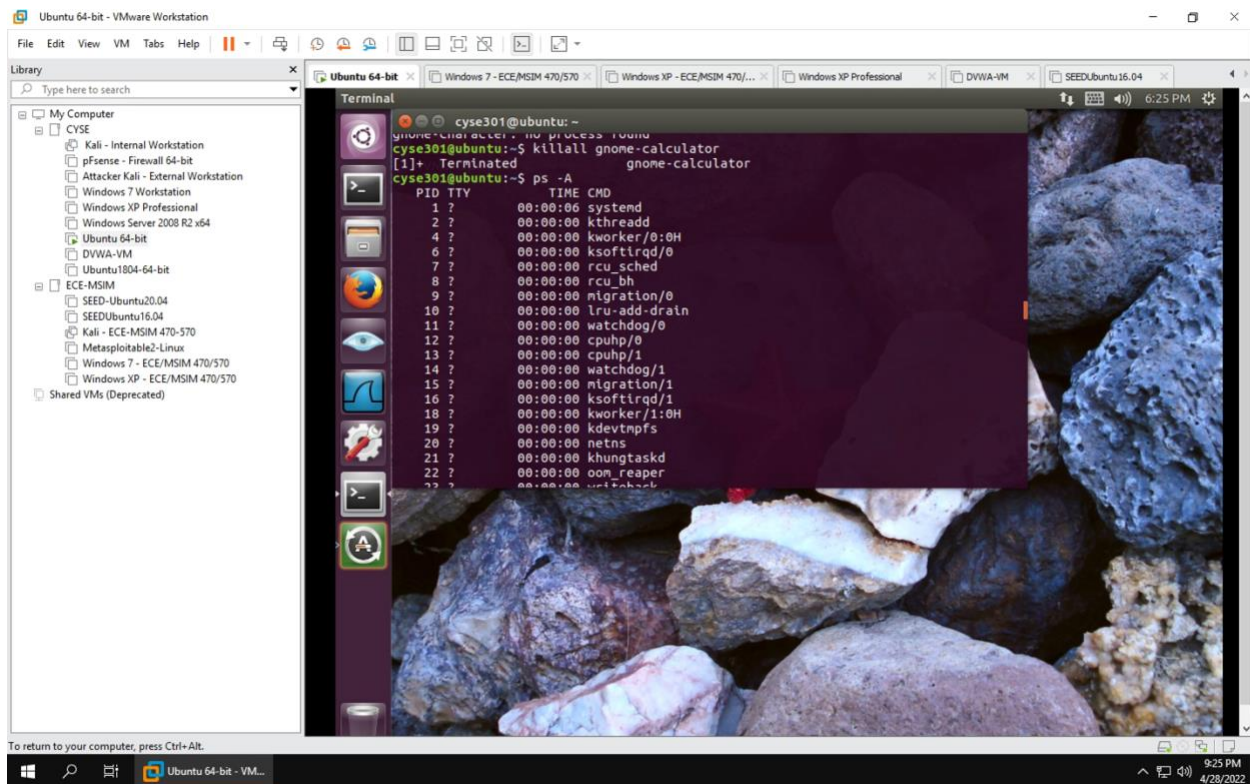
```

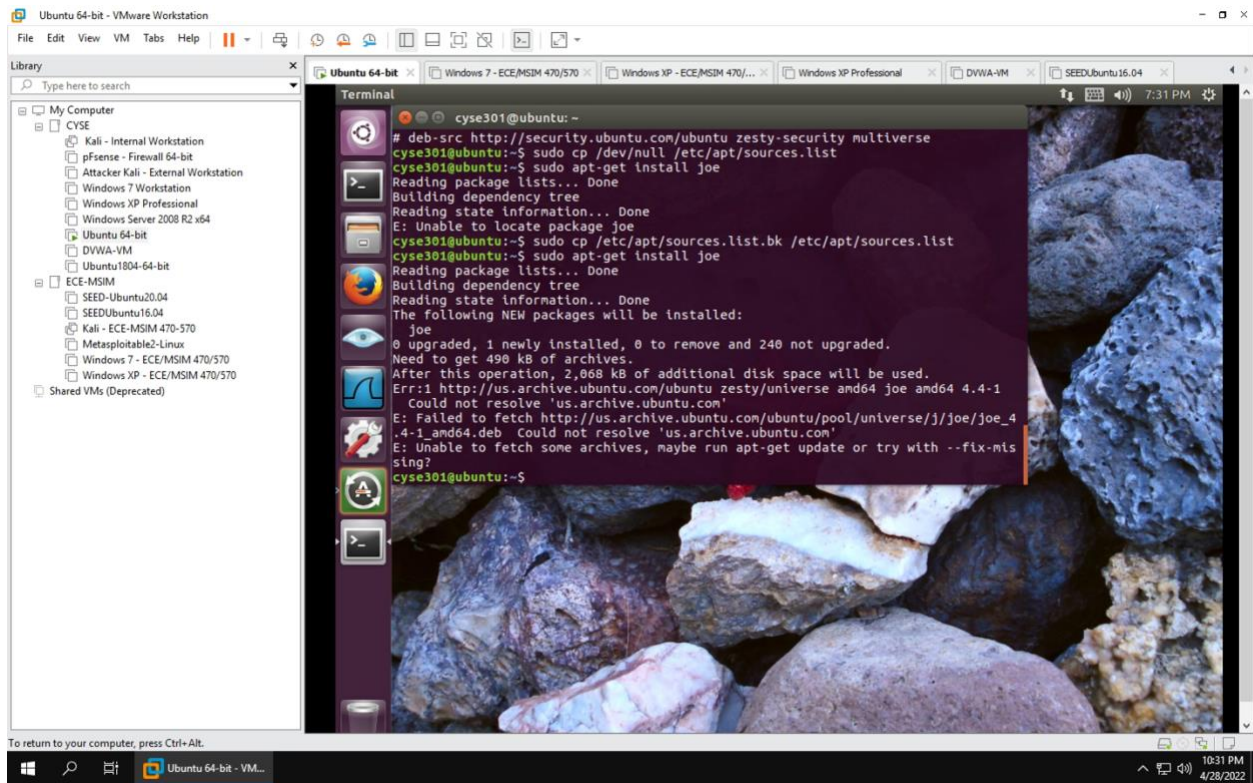
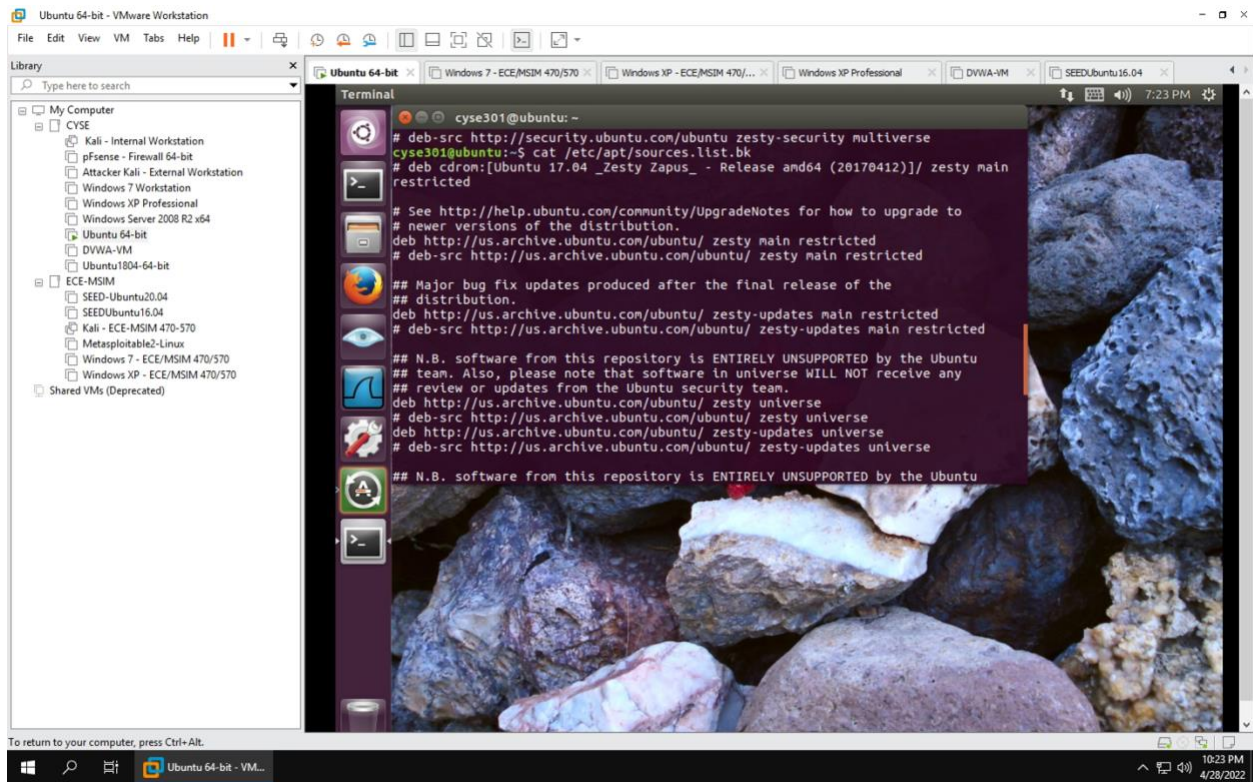
cyse301@ubuntu:~$ ps x
PID TTY STAT TIME COMMAND
1578 ? Ss 0:00 /lib/systemd/systemd --user
1579 ? S 0:00 (sd-pam)
1585 ? Sl 0:00 /usr/bin/gnome-keyring-daemon --daemonize --login
1591 ? Ss 0:00 /bin/sh /usr/lib/gnome-session/run-systemd-session u
1622 ? Ss 0:00 /usr/bin/dbus-daemon --session --address=systemd: --
1695 ? Ss 0:00 /usr/bin/ssh-agent /usr/bin/ln-launch /usr/lib/gnome
1712 ? Ssl 0:00 /usr/bin/ibus-daemon --daemonize --xln --address uni
1724 ? Ssl 0:00 /usr/lib/gvfs/gvfsd
1730 ? Sl 0:00 /usr/lib/gvfs/gvfsd-fuse /run/user/1000/gvfs -f -o b
1740 ? Sl 0:00 /usr/lib/ibus/ibus-dconf
1742 ? Sl 0:00 /usr/lib/ibus/ibus-ui-gtk3
1750 ? Sl 0:00 /usr/lib/ibus/ibus-x11 --kill-daemon
1804 ? Sl 0:00 /usr/lib/ibus/ibus-engine-simple
1838 ? S 0:00 systemctl --user start --wait ubuntu-session.target
1853 ? Ssl 0:00 /usr/lib/x86_64-linux-gnu/indicator-bluetooth/indica
1854 ? Ssl 0:00 /usr/lib/x86_64-linux-gnu/indicator-keyboard/indica
1855 ? Ssl 0:00 /usr/lib/unity-settings-daemon/unity-settings-daemon
1856 ? Ssl 0:00 /usr/lib/x86_64-linux-gnu/indicator-session/indica
1857 ? Ssl 0:00 /usr/lib/x86_64-linux-gnu/indicator-messages/indica
1861 ? Ssl 0:00 /usr/lib/x86_64-linux-gnu/indicator-printers/indica

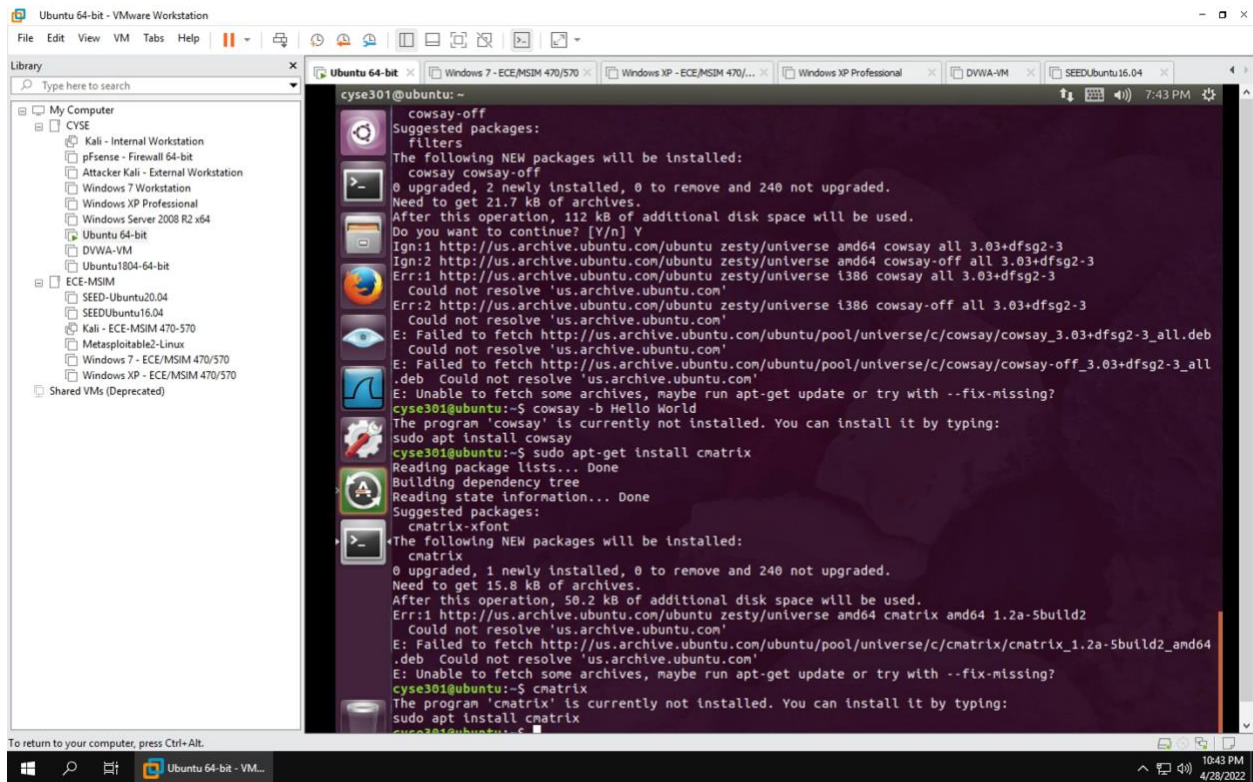
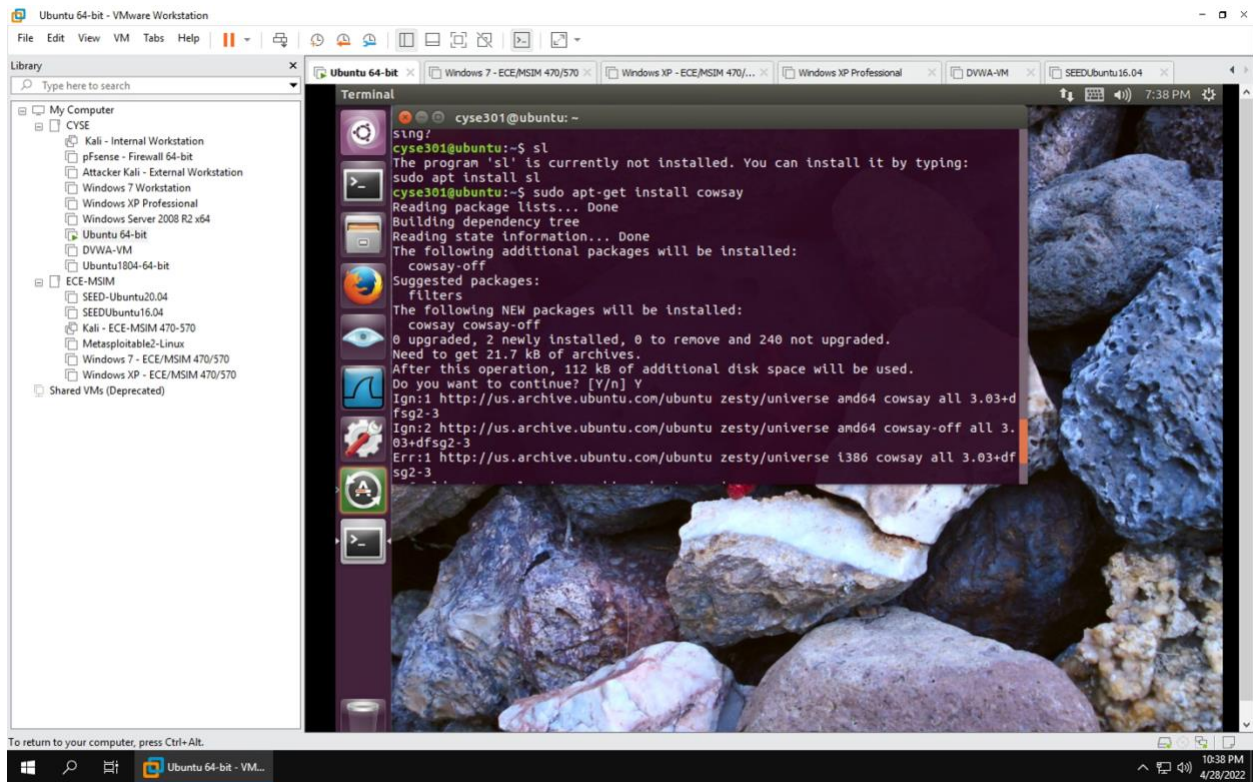
```

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Description

- I used the ps command to show the processes that are currently running then used the top command to display all the processes.
- Click h to display the help command then pressed on q to quit.
- I executed the gnome calculator program in the background while im running a program with the ps command then I used the killall command to end it.
- Then I used ps -A command to list all running processes.
- I opened the terminal in VMware and installed the skype Debian add on however because I have VMware and not Ubuntu VM it does not actually download.
- Created a backup file for the sources.list named sources.list.bk in the Linux system.
- Then I deleted everything in the file and downloaded the package “joe” using the sudo apt install I was not able to until I recovered it then redownload.
- Finally I installed and played the sl and cowsay commands then finally the matrix command.