

# CYSE 270: Linux System for Cybersecurity

## Assignment 2

Instructions 1-6 Screenshot

```
File Actions Edit View Help
(dom-davis@kali)-[~]
└─$ pwd
/home/dom-davis

(dom-davis@kali)-[~]
└─$ /etc

(dom-davis@kali)-[/etc]
└─$ cd /etc/skel

(dom-davis@kali)-[/etc/skel]
└─$ cd ..

(dom-davis@kali)-[/etc]
└─$ ls
adduser.conf          ipsec.conf           python3.13
alternatives          ipsec.d              radcli
apache2               ipsec.secrets        rc0.d
apparmor              issue                rc1.d
apparmor.d            issue.net            rc2.d
apt                   java-21-openjdk      rc3.d
arp-scan              john                 rc4.d
avahi                 kali-menu            rc5.d
bash.bashrc           kernel               rc6.d
bash_completion       kernel-img.conf      rcS.d
bash_completion.d     keyutils             reader.conf.d
bindresvport.blacklist kismet              rearj.cfg
binfmt.d              ldap                 redis
bluetooth             ld.so.cache          redsocks.conf
ca-certificates       ld.so.conf           request-key.conf
ca-certificates.conf ld.so.conf.d         request-key.d
chatscripts           legion.conf          resolv.conf
chromium              libao.conf           responder
chromium.d            libaudit.conf        rmt
cifs-utils            libblockdev          rpc
cloud                 libccid_Info.plist  runit
colord                libnl-3              samba
console-setup         libpaper.d           sane.d
cracklib              lightdm              scalpel
credstore             lighttpd             screenrc
credstore.encrypted  locale.alias         sddm.conf.d
cron.d                locale.conf          searchsploit_rc
cron.daily            locale.gen           security
```

## Instructions 7-8

```
drwxr-xr-x 2 root root 4096 Aug 26 17:22 samba
drwxr-xr-x 3 root root 4096 Aug 26 17:29 sane.d
drwxr-xr-x 2 root root 4096 Aug 26 17:21 scalpel
-rw-r--r-- 1 root root 3663 Jun 19 2016 screenrc
drwxr-xr-x 2 root root 4096 Aug 26 17:28 sddm.conf.d
-rw-r--r-- 1 root root 694 May 23 05:59 searchsploit_rc
drwxr-xr-x 4 root root 4096 Aug 26 17:26 security
drwxr-xr-x 2 root root 4096 Aug 26 17:08 selinux
-rw-r--r-- 1 root root 10749 Apr 12 08:35 sensors3.conf
drwxr-xr-x 2 root root 4096 Aug 26 17:21 sensors.d
-rw-r--r-- 1 root root 12990 Mar 15 18:55 services
drwxr-xr-x 3 root root 4096 Aug 26 17:30 sgml
-rw-r----- 1 root shadow 1404 Aug 26 17:32 shadow
-rw-r----- 1 root shadow 1301 Aug 26 17:32 shadow-
-rw-r--r-- 1 root root 217 Aug 26 17:29 shells
drwxr-xr-x 5 root root 4096 Aug 26 17:28 skel
-rw-r--r-- 1 root root 6136 Feb 25 2025 smartd.conf
drwxr-xr-x 4 root root 4096 Aug 26 17:17 smartmontools
-rw-r--r-- 1 root root 1226 Mar 26 2024 smi.conf
drwxr-xr-x 3 root root 4096 Aug 26 17:25 snmp
drwxr-xr-x 4 root root 4096 Aug 26 17:27 speech-dispatcher
drwxr-xr-x 2 root root 4096 Aug 26 17:25 sqlmap
drwxr-xr-x 4 root root 4096 Aug 26 17:24 ssh
drwxr-xr-x 4 root root 4096 Aug 26 17:21 ssl
drwxr-xr-x 2 root root 4096 Aug 26 17:23 sslsplit
-rw-r--r-- 1 root root 281 Mar 14 13:55 strongswan.conf
drwxr-xr-x 3 root root 4096 Aug 26 17:21 strongswan.d
drwxr-xr-x 2 root root 4096 Aug 26 17:24 stunnel
-rw-r--r-- 1 root root 23 Aug 26 17:32 subgid
-rw-r--r-- 1 root root 0 Aug 26 17:08 subgid-
-rw-r--r-- 1 root root 23 Aug 26 17:32 subuid
-rw-r--r-- 1 root root 0 Aug 26 17:08 subuid-
drwxr-xr-x 2 root root 4096 Aug 26 17:25 subversion
-rw-r--r-- 1 root root 4337 May 4 11:48 sudo.conf
-r--r----- 1 root root 1714 May 4 11:48 sudoers
drwxr-xr-x 2 root root 4096 Aug 26 17:30 sudoers.d
-rw-r--r-- 1 root root 9804 May 4 11:48 sudo_logsrvd.conf
drwxr-xr-x 2 root root 4096 Aug 26 17:08 supercat
drwxr-xr-x 4 root root 4096 Aug 26 17:13 sv
drwxr-xr-x 2 root root 4096 Aug 26 17:08 sysctl.d
drwxr-xr-x 2 root root 4096 Aug 26 17:21 sysstat
drwxr-xr-x 5 root root 4096 Aug 26 17:21 systemd
```

```
(dom-davis@kali)-[~/etc]
└─$ ls -l
```

## Instructions 9-10

```
(dom-davis@kali)-[~/etc]
└─$ file /etc/group
/etc/group: ASCII text

└─$ cat /etc/group
color:x:131:
kali-trusted:x:132:
dom-davis:x:1000:
vboxsf:x:133:dom-davis
kaboxer:x:134:dom-davis

└─$
```

### Instructions 11-16

```
(dom-davis@kali)-[~/etc]
└─$ cd

└─$ mkdir data

└─$ cp /etc/passwd data/

└─$ cp /etc/passwd ~/data/

└─$ cp -r /etc/ppp .
cp: cannot open '/etc/ppp/pap-secrets' for reading: Permission denied
cp: cannot open '/etc/ppp/chap-secrets' for reading: Permission denied

└─$ mv ppp peers

└─$ ls
backup  Desktop  Downloads  Music  Pictures  Public  Videos
data    Documents file1.txt  peers  practice_folder  Templates
```

### Instructions 17- 20

```
(dom-davis@kali)-[~]
└─$ touch data/test

(dom-davis@kali)-[~]
└─$ rm data/passwd

(dom-davis@kali)-[~]
└─$ rm -rf peers

(dom-davis@kali)-[~]
└─$ rm -rf peers

(dom-davis@kali)-[~]
└─$ ls
backup  Desktop  Downloads  Music  practice_folder  Templates
data   Documents  file1.txt  Pictures  Public  Videos

(dom-davis@kali)-[~]
└─$
```