

CYSE 270: Linux System for Cybersecurity

Assignment: Lab 4 – User and Group Accounts

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Steps 1-8 PART A

```
dom-davis@kali: ~  
File Actions Edit View Help  
(dom-davis@kali)-[~]  
└─$ grep "^$(whoami):" /etc/passwd  
dom-davis:x:1000:1000:Dominic Francisco Davis,,,:/home/dom-davis:/usr/bin/zsh  
  
(dom-davis@kali)-[~]  
└─$ grep "^$(whoami):" /etc/shadow  
grep: /etc/shadow: Permission denied  
  
(dom-davis@kali)-[~]  
└─$ sudo grep "^$(whoami):" /etc/shadow  
[sudo] password for dom-davis:  
dom-davis:$y$j9T$Wq48sKGw9HdWC07bqvK.C1$3nhzJo.jVvPRmeBBz0JRTsiQTfuBIdaVf84CUFq8AQ5:2  
0326:0:99999:7:::  
  
(dom-davis@kali)-[~]  
└─$ sudo useradd -m -d /home/xxxxx ddavi105  
  
(dom-davis@kali)-[~]  
└─$ sudo passwd ddavi105  
New password:  
Retype new password:  
passwd: password updated successfully  
  
(dom-davis@kali)-[~]  
└─$ sudo usermod -s /bin/bash ddavi105  
  
(dom-davis@kali)-[~]  
└─$ grep "^ddavi105:" /etc/passwd  
ddavi105:x:1003:1003::/home/xxxxx:/bin/bash  
  
(dom-davis@kali)-[~]  
└─$ sudo grep "^ddavi105:" /etc/shadow  
ddavi105:$y$j9T$WcidWiLDZslMGyS26ShuK.$hVvaywGjSrBA0dx.kTnEtXOf8WFXJZAixJBcBcOfW5:20  
350:0:99999:7:::  
  
(dom-davis@kali)-[~]  
└─$ sudo usermod -aG sudo ddavi105
```

```
(dom-davis@kali)-[~]
└─$ su - ddavi105
Password:
(ddavi105@kali)-[~]
└─$ █
```

PART B:

Steps 1-6

```
(ddavi105@kali)-[~]
└─$ cd ~

(ddavi105@kali)-[~]
└─$ pwd
/home/xxxxx

(ddavi105@kali)-[~]
└─$ echo $SHELL
/bin/bash

(ddavi105@kali)-[~]
└─$ id
uid=1003(ddavi105) gid=1003(ddavi105) groups=1003(ddavi105),27(sudo)

(ddavi105@kali)-[~]
└─$ groups root
root : root

(ddavi105@kali)-[~]
└─$ id root
uid=0(root) gid=0(root) groups=0(root)

(ddavi105@kali)-[~]
└─$ ls -l /etc/group
-rw-r--r-- 1 root root 1450 Sep 19 17:51 /etc/group

(ddavi105@kali)-[~]
└─$ sudo groupadd -g 01320741 test
[sudo] password for ddavi105:

(ddavi105@kali)-[~]
└─$ grep "^test:" /etc/group
test:x:1320741:

(ddavi105@kali)-[~]
└─$ █
```

Steps 7- 8

```
(ddavi105@kali)-[~]
└─$ sudo groupmod -n newtest test

(ddavi105@kali)-[~]
└─$ sudo usermod -aG newtest ddavi105

(ddavi105@kali)-[~]
└─$ groups ddavi105
ddavi105 : ddavi105 sudo newtest
```

Steps 9-12

```
(ddavi105@kali)-[~]
└─$ sudo touch /home/dom-davis/testfile

(ddavi105@kali)-[~]
└─$ sudo chgrp newtest /home/dom-davis/testfile
```

```
(ddavi105@kali)-[~]
└─$ sudo ls -l /home/dom-davis/testfile
-rw-r--r-- 1 root 1320741 0 Sep 19 18:25 /home/dom-davis/testfile

(ddavi105@kali)-[~]
└─$ sudo userdel -r ddavi105
```

```
(dom-davis@kali)-[~]
└─$ sudo userdel -r ddavis105
userdel: user 'ddavis105' does not exist
```