

Josiah Thompson

Linux Assignment 4

Task A

1-3

```
(josiah@josiah)-[~]
$ grep josiah /etc/passwd
josiah:x:1000:4:josiah,,,:/home/josiah:/usr/bin/zsh

(josiah@josiah)-[~]
$ grep josiah /etc/shadow
grep: /etc/shadow: Permission denied

(josiah@josiah)-[~]
$ sudo grep josiah /etc/shadow
[sudo] password for josiah:
josiah:$y$j9T$IhMq2Rbk7ZVDUmX6BtLrA0$aFYcmAM6sXogbogGsqrY/pY93nLGzrT0VYF/C3uWdh6:20115:0:99999:7:::

(josiah@josiah)-[~]
$ sudo useradd -m bobby
```

4-6

```
(josiah@josiah)-[~]
$ sudo passwd bobby
New password:
Retype new password:
passwd: password updated successfully

(josiah@josiah)-[~]
$ usermod -s /bin/bash bobby
usermod: Permission denied.
usermod: cannot lock /etc/passwd; try again later.

(josiah@josiah)-[~]
$ sudo usermod -s /bin/bash bobby

(josiah@josiah)-[~]
$ grep bobby /etc/shadow
grep: /etc/shadow: Permission denied

(josiah@josiah)-[~]
$ sudo grep bobby /etc/shadow
bobby:$y$j9T$EqjKyxbqGWFKiyMq26JMz.$rgdYHJ8qDid0uNfsu5tBAYFM/cu/fBsOg8UUQGjcDcD:20138:0:99999:7:::
```

7-8

```
(josiah@josiah)-[~]
$ sudo usermod -aG sudo bobby

(josiah@josiah)-[~]
$ su bobby

Password:
(bobby@josiah)-[/home/josiah]
$
```

Task B

1-2

```
(josiah@josiah)-[~]
$ echo $SHELL
/usr/bin/zsh

(josiah@josiah)-[~]
$ id
uid=1000(josiah) gid=4(adm) groups=4(adm),0(root),20(dialout),24(cdrom),25(floppy),27(sudo),29(audio),30(dip),46(plugdev),100(users),101(netdev),116(bluetooth),121(wireshark),123(lpadmin),129(scanner),134(vboxsf),135(oboxer)
```

3-6

```
(josiah@josiah)-[~]
$ groups
adm root dialout cdrom floppy sudo audio dip video plugdev users netdev bluetooth wireshark lpadmin scanner vboxsf kaboxer

(josiah@josiah)-[~]
$ ls -l /etc/group
-rw-r--r-- 1 root root 1419 Feb 18 21:00 /etc/group

(josiah@josiah)-[~]
$ sudo groupadd -g 01295468 test
[sudo] password for josiah:

(josiah@josiah)-[~]
$ grep test /etc/group
test:x:1295468:
```

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```
(josiah@josiah)-[~]
$ sudo groupmod -n newtest test

(josiah@josiah)-[~]
$ sudo usermod -aG newtest josiah

(josiah@josiah)-[~]
$ touch testfile

(josiah@josiah)-[~]
$ sudo chgrp newtest testfile
```

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```
(josiah@josiah)-[~]
$ ls -l testfile
-rw-r--r-- 1 josiah newtest 0 Feb 18 22:35 testfile
```

11, you find the GID left there.

```
(josiah@josiah)-[~]
$ sudo groupdel newtest

(josiah@josiah)-[~]
$ ls -l testfile
-rw-r--r-- 1 josiah 1295468 0 Feb 18 22:35 testfile
```

```
(josiah@josiah)-[~]  
$ sudo userdel -r bobby  
[sudo] password for josiah:  
userdel: group bobby not removed because it is not the primary group of user bobby.  
userdel: bobby mail spool (/var/mail/bobby) not found
```