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CNIT 176

Lab 04

9/21/2022

## Procedure

```
asurve@raspberrypi:/home/pi$ groups asurve
asurve : asurve
asurve@raspberrypi:/home/pi$ _
```

```
asurve@raspberrypi:~$ sudo deluser -f pi
Removing user `pi' ...
Warning: group `pi' has no more members.
userdel: user pi is currently used by process 369
/usr/sbin/deluser: `/usr/sbin/userdel pi' returned error code 8. Exiting.
asurve@raspberrypi:~$ echo $?
1
```

## Questions

1. ls
- 2.

```
asurve@raspberrypi:/etc$ cat passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/var/run/ircd:/usr/sbin/nologin
gnats:x:41:41:Gnats Bug-Reporting System (admin)/var/lib/gnats:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
systemd-timesync:x:100:102:systemd Time Synchronization,,,:/run/systemd:/usr/sbin/nologin
systemd-network:x:101:103:systemd Network Management,,,:/run/systemd:/usr/sbin/nologin
systemd-resolve:x:102:104:systemd Resolver,,,:/run/systemd:/usr/sbin/nologin
_apt:x:103:65534:/:nonexistent:/usr/sbin/nologin
messagebus:x:104:110:/:nonexistent:/usr/sbin/nologin
_rpc:x:105:65534:/:run/rpcbind:/usr/sbin/nologin
statd:x:106:65534:/:var/lib/nfs:/usr/sbin/nologin
sshd:x:107:65534:/:run/ssh:/usr/sbin/nologin
avahi:x:108:113:Avahi mDNS daemon,,,:/var/run/avahi-daemon:/usr/sbin/nologin
systemd-coredump:x:996:996:systemd Core Dumper:/:usr/sbin/nologin
asurve:x:1001:1001:Arnav Surve,,,:/home/asurve:/bin/bash
```

```
asurve@raspberrypi:/etc$ sudo cat shadow
root*:18305:0:99999:7:::
daemon*:18305:0:99999:7:::
bin*:18305:0:99999:7:::
sys*:18305:0:99999:7:::
sync*:18305:0:99999:7:::
games*:18305:0:99999:7:::
man*:18305:0:99999:7:::
lp*:18305:0:99999:7:::
mail*:18305:0:99999:7:::
news*:18305:0:99999:7:::
uucp*:18305:0:99999:7:::
proxy*:18305:0:99999:7:::
www-data*:18305:0:99999:7:::
backup*:18305:0:99999:7:::
list*:18305:0:99999:7:::
irc*:18305:0:99999:7:::
gnats*:18305:0:99999:7:::
nobody*:18305:0:99999:7:::
systemd-timesync*:18305:0:99999:7:::
systemd-network*:18305:0:99999:7:::
systemd-resolve*:18305:0:99999:7:::
_apt*:18305:0:99999:7:::
messagebus*:18305:0:99999:7:::
_rpc*:18305:0:99999:7:::
statd*:18305:0:99999:7:::
sshd*:18305:0:99999:7:::
avahi*:18305:0:99999:7:::
systemd-coredump:!:19256::::::
asurve:$6$XQA/oSle0dE8/WAi$pmXYC0b6RjeumCNhfMmcoOswJOLOfD0p0mmUZKMD094EQHb0KNGJD5IUK7Wfi1
LuMDQ.kvw1buTlke2XIkJ1t1:19256:0:99999:7:::
```

```
asurve@raspberrypi:/etc$ cat group
root:x:0:
daemon:x:1:
bin:x:2:
sys:x:3:
adm:x:4:
tty:x:5:
disk:x:6:
lp:x:7:
mail:x:8:
news:x:9:
uucp:x:10:
man:x:12:
proxy:x:13:
kmem:x:15:
dialout:x:20:
fax:x:21:
voice:x:22:
cdrom:x:24:
floppy:x:25:
tape:x:26:
sudo:x:27:
audio:x:29:
dip:x:30:
www-data:x:33:
backup:x:34:
operator:x:37:
list:x:38:
irc:x:39:
src:x:40:
gnats:x:41:
shadow:x:42:
utmp:x:43:
video:x:44:
sas1:x:45:
plugdev:x:46:
staff:x:50:
games:x:60:
users:x:100:
nogroup:x:65534:
systemd-journal:x:101:
systemd-timesync:x:102:
systemd-network:x:103:
systemd-resolve:x:104:
```

```
input:x:105:
kvm:x:106:
render:x:107:
crontab:x:108:
netdev:x:109:
messagebus:x:110:
ssh:x:111:
bluetooth:x:112:
avahi:x:113:
spi:x:999:
i2c:x:998:
gpio:x:997:
systemd-coredump:x:996:
asurve:x:1001:
```

3. The pi did not have a home directory, as I removed it along with the deletion of the user. I determined this by running the ls command in the /home directory, which only returned the home directory of the asurve user. I would use the command 'sudo rm -rf pi' in the /home directory to delete it and its contents.