

EXPERIMENT 2

AYUSH BHAT

2021A1R178

```
File Actions Edit View Help
(p1619@kali)-[~]
$ echo $SHELL
/usr/bin/zsh

(p1619@kali)-[~]
$ cat /etc/passwd
root:x:0:0:root:/root:/usr/bin/zsh
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

(p1619@kali)-[~]
$ cat /etc/shells
# /etc/shells: valid login shells
/bin/sh
/bin/bash
/usr/bin/bash
/bin/rbash
/usr/bin/bash
/bin/dash
/usr/bin/dash
/usr/bin/pwsh
/opt/microsoft/powershell/7/pwsh
/bin/zsh
/usr/bin/zsh
/usr/bin/tmux
/usr/bin/screen
```

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File Actions Edit View Help
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l-$ cat /etc/passwd
root:x:0:0:root:/root:/usr/bin/zsh
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:/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
_apt:x:100:65534::/nonexistent:/usr/sbin/nologin
systemd-network:x:101:102:systemd Network Management,,:/run/systemd:/usr/sbin/nologin
systemd-resolve:x:102:103:systemd Resolver,,:/run/systemd:/usr/sbin/nologin
mysql:x:103:110:MySQL Server,,:/nonexistent:/bin/false
tss:x:104:111:TPM software stack,,:/var/lib/tpm:/bin/false
strongswan:x:105:65534:/var/lib/strongswan:/usr/sbin/nologin
systemd-timesync:x:106:107:systemd Time Synchronization,,:/run/systemd:/usr/sbin/nologin
uiddd:x:107:113:/run/uiddd:/usr/sbin/nologin
redsocks:x:108:114:/var/run/redsocks:/usr/sbin/nologin
rwhod:x:109:65534:/var/spool/rwho:/usr/sbin/nologin
iodine:x:110:65534:/run/iodine:/usr/sbin/nologin
messagebus:x:111:115:/nonexistent:/usr/sbin/nologin
miredo:x:112:65534:/var/run/miredo:/usr/sbin/nologin
usbmux:x:113:113:usbmux daemon,,:/var/lib/usbmux:/usr/sbin/nologin
tcpdump:x:114:121:/nonexistent:/usr/sbin/nologin
sshd:x:115:65534:/run/sshd:/usr/sbin/nologin
xrdp:x:116:123:/run/xrdp:/usr/sbin/nologin
_rpc:x:117:65534:/run/rpcbind:/usr/sbin/nologin
dnsmasq:x:118:65534:dnsmasq,,:/var/lib/misc:/usr/sbin/nologin
statd:x:119:65534:/var/lib/nfs:/usr/sbin/nologin
avahi:x:120:127:Avahi mDNS daemon,,:/run/avahi-daemon:/usr/sbin/nologin
stunnel4:x:999:999:stunnel service system accounts:/var/run/stunnel4:/usr/sbin/nologin
rtkit:x:121:128:RealtimeKit,,:/proc:/usr/sbin/nologin
Debian-snmpp:x:122:129:/var/lib/snmpp:/bin/false
speech-dispatcher:x:123:29:Speech Dispatcher,,:/run/speech-dispatcher:/bin/false
sshd:x:124:130:/nonexistent:/usr/sbin/nologin
postgres:x:125:132:PostgreSQL administrator,,:/var/lib/postgresql:/bin/bash
nm-openvpn:x:126:133:NetworkManager OpenVPN,,:/var/lib/openvpn/chroot:/usr/sbin/nologin
inetsim:x:127:135:/var/lib/inetsim:/usr/sbin/nologin
geoclue:x:128:136:/var/lib/geoclue:/usr/sbin/nologin
nm-openconnect:x:129:137:NetworkManager OpenConnect plugin,,:/var/lib/NetworkManager:/usr/sbin/nologin
lightdm:x:130:138:Light Display Manager:/var/lib/lightdm:/bin/false
pulse:x:131:139:PulseAudio daemon,,:/run/pulse:/usr/sbin/nologin
saned:x:132:142:/var/lib/saned:/usr/sbin/nologin
colord:x:133:143:colord colour management daemon,,:/var/lib/colord:/usr/sbin/nologin
king-phisher:x:134:144:/var/lib/king-phisher:/usr/sbin/nologin
p1619:x:1000:1000:p1619,,:/home/p1619:/usr/bin/zsh

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colord:x:133:143:colord colour management daemon,,:/var/lib/colord:/usr/sbin/nologin
king-phisher:x:134:144:/var/lib/king-phisher:/usr/sbin/nologin
p1619:x:1000:1000:p1619,,:/home/p1619:/usr/bin/zsh

```

```

(p1619@kali)-[~/Desktop/Files/Folder]
$ who -H > myfile1.txt

(p1619@kali)-[~/Desktop/Files/Folder]
$ more -d myfile1.txt
NAME      LINE      TIME      COMMENT
p1619     tty7      2022-09-28 21:34 (:0)

```

```

(p1619@kali)-[~/Desktop/Files/Folder]
$ date ; who -H > myfile2.txt
Wednesday 28 September 2022 10:12:29 PM IST

(p1619@kali)-[~/Desktop/Files/Folder]
$ more -d myfile2.txt
NAME      LINE      TIME      COMMENT
p1619     tty7      2022-09-28 21:34 (:0)

```

```

(p1619@kali)-[~/Desktop/Files/Folder]
$ cat text.txt
Hello World
This is a test file.
To check commands.
This is linux os.

```

```

(p1619@kali)-[~/Desktop/Files/Folder]
$ sed -s "s/([^\ ]*) *([^\ ]*)/\2 \1 /g" text.txt
World Hello
is This a test file.
check To commands.
is This linux os.

```