Untitled8

April 1, 2020

```
[1]: pwd
```

```
/home/jupyter-tsagynysh
```

```
[2]: cd /
```

```
[3]: pwd
```

```
/
```

```
[4]: ls
```

```
bin     etc             lib         mkdir   root  srv       usr
boot    home            lib64       mnt     run   swap.img  var
cdrom   initrd.img      lost+found  opt     sbin  sys       vmlinuz
dev     initrd.img.old  media       proc    snap  tmp       vmlinuz.old
```

```
[5]: cd bin
```

```
[6]: ls
```

```
bash               egrep        nc.openbsd     ss
btrfs              false        netcat         static-sh
btrfsck            fgconsole    netstat        stty
btrfs-debug-tree   fgrep        networkctl     su
btrfs-find-root    findmnt      nisdomainname  sync
btrfs-image        fsck.btrfs   ntfs-3g        systemctl
btrfs-map-logical  fuser        ntfs-3g.probe  systemd
btrfs-select-super fusermount   ntfscat        systemd-ask-password
btrfstune          getfacl      ntfscluster    systemd-escape
btrfs-zero-log     grep         ntfscmp        systemd-hwdb
bunzip2            gunzip       ntfsfallocate  systemd-inhibit
busybox            gzexe        ntfsfix        systemd-machine-id-setup
bzcat              gzip         ntfsinfo       systemd-notify
bzcmp              hostname     ntfsls         systemd-sysusers
bzdiff             ip           ntfsmove       systemd-tmpfiles
bzegrep            journalctl   ntfsrecover    systemd-tty-ask-password-agent
bzexe              kbd_mode     ntfssecaudit   tar
```

```
bzfgrep            kill            ntfstruncate    tempfile
bzgrep             kmod            ntfsusermap     touch
bzip2              less            ntfswipe        true
bzip2recover       lessecho        open            udevadm
bzless             lessfile        openvt          ulockmgr_server
bzmore             lesskey         pidof           umount
cat                lesspipe        ping            uname
chacl              ln              ping4           uncompress
chgrp              loadkeys        ping6           unicode_start
chmod              login           plymouth        vdir
chown              loginctl        ps              wdctl
chvt               lowntfs-3g      pwd             which
cp                 ls              rbash           whiptail
cpio               lsblk           readlink        ypdomainname
dash               lsmod           red             zcat
date               mkdir           rm              zcmp
dd                 mkfs.btrfs      rmdir           zdiff
df                 mknod           rnano           zegrep
dir                mktemp          run-parts       zfgrep
dmesg              more            rzsh            zforce
dnsdomainname      mount           sed             zgrep
domainname         mountpoint      setfacl         zless
dumpkeys           mt              setfont         zmore
echo               mt-gnu          setupcon        znew
ed                 mv              sh              zsh
efibootdump        nano            sh.distrib      zsh5
efibootmgr         nc              sleep
```

[10]: `cd ./..`

[11]: `pwd`

```
/
```

[13]: `ls`

```
bin     etc             lib         mkdir   root    srv         usr
boot    home            lib64       mnt     run     swap.img    var
cdrom   initrd.img      lost+found  opt     sbin    sys         vmlinuz
dev     initrd.img.old  media       proc    snap    tmp         vmlinuz.old
```

[15]: `cd boot`

[16]: `ls`

```
config-4.15.0-88-generic      initrd.img-4.15.0-91-generic
config-4.15.0-91-generic      System.map-4.15.0-88-generic
efi                           System.map-4.15.0-91-generic
```

```
grub                        vmlinuz-4.15.0-88-generic
initrd.img-4.15.0-88-generic  vmlinuz-4.15.0-91-generic
```

[20]: `cd grub`

[21]: `ls`

```
default  grub.cfg  locale    menu.lst~    x86_64-efi
fonts    grubenv   menu.lst  unicode.pf2
```

[22]: `cd ./../..`

[23]: `pwd`

```
/
```

[24]: `cd etc`

[25]: `pwd`

```
/etc
```

[26]: `ls`

```
acpi                     inputrc              protocols
adduser.conf             iproute2             python
alternatives             iscsi                python2.7
apache2                  issue                python3
apm                      issue.net            python3.6
apparmor                 java-11-openjdk      python3.8
apparmor.d               kernel               rc0.d
apport                   kernel-img.conf      rc1.d
apt                      landscape            rc2.d
at.deny                  ldap                 rc3.d
bash.bashrc              ld.so.cache          rc4.d
bash_completion          ld.so.conf           rc5.d
bash_completion.d        ld.so.conf.d         rc6.d
bindresvport.blacklist   legal                rc.local
binfmt.d                 libaudit.conf        rcS.d
byobu                    libnl-3              resolv.conf
ca-certificates          libpaper.d           rmt
ca-certificates.conf     lighttpd             rpc
calendar                 locale.alias         rsyslog.conf
cloud                    locale.gen           rsyslog.d
console-setup            localtime            screenrc
cron.d                   logcheck             securetty
cron.daily               login.defs           security
cron.hourly              logrotate.conf       selinux
```

```
cron.monthly            logrotate.d             sensors3.conf
crontab                 lsb-release             sensors.d
cron.weekly             ltrace.conf             services
cryptsetup-initramfs    lvm                     shadow
crypttab                machine-id              shadow-
dbus-1                  magic                   shells
debconf.conf            magic.mime              skel
debian_version         mailcap                 sos.conf
default                 mailcap.order           ssh
deluser.conf            manpath.config          ssl
depmod.d               mdadm                   subgid
dhcp                    mime.types              subgid-
dnsmasq.d              mke2fs.conf             subuid
dnsmasq.d-available    modprobe.d              subuid-
dpkg                    modules                 sudoers
environment            modules-load.d          sudoers.d
ethertypes             mtab                    supervisord.conf
fonts                   mysql                   sysctl.conf
fstab                   nanorc                  sysctl.d
fuse.conf               netplan                 systemd
gai.conf                network                 terminfo
ghostscript            networkd-dispatcher     texmf
glvnd                   NetworkManager          thermald
groff                   networks                timezone
group                   newt                    tmpfiles.d
group-                  nsswitch.conf           ucf.conf
grub.d                  octave.conf             udev
gshadow                 opt                     ufw
gshadow-               os-release              updatedb.conf
gss                     overlayroot.conf        update-manager
gtk-2.0                 pam.conf                update-motd.d
gtk-3.0                 pam.d                   update-notifier
hdparm.conf            papersize               vim
host.conf               passwd                  vmware-tools
hostname               passwd-                 vtrgb
hosts                   perl                    wgetrc
hosts.allow            pm                      X11
hosts.deny             polkit-1                xdg
ImageMagick-6          pollinate               zsh
init                    popularity-contest.conf zsh_command_not_found
init.d                 profile
initramfs-tools        profile.d
```

[27]: `cd cloud`

[28]: `ls`

```
cloud.cfg  cloud.cfg.d  ds-identify.cfg  templates
```

```
[29]: file cloud.cfg
```

cloud.cfg: ASCII text

```
[31]: cd ./../..
```

```
[32]: pwd
```

/

```
[33]: cd home
```

```
[34]: ls
```

azat	jupyter-azat	jupyter-nurlaura
jupyter-admin	jupyter-cubefiction	jupyter-nurlaura2
jupyter-aiana178	jupyter-danenok	jupyter-official-nanakai
jupyter-aigerimunisat	jupyter-darganius	jupyter-orissim
jupyter-aizadait	jupyter-ekdana	jupyter-tsagynysh
jupyter-amayakof	jupyter-inkar601	jupyter-unisat
jupyter-amirkhan	jupyter-kkenzh	jupyter-yeldana
jupyter-arayka	jupyter-nazymungarova	jupyter-zhandos
jupyter-aruzhan149	jupyter-nuray.serkali	jupyter-zhanelbaltabay
jupyter-aselleon	jupyter-nurike	jupyter-zhannaspace

```
[39]: cd ./..
```

```
[40]: pwd
```

/

```
[41]: cd dev
```

```
[42]: ls
```

autofs	kmsg	sda1	tty3	tty6	ttyS30
block	kvm	sda2	tty30	tty60	ttyS31
bsg	lightnvm	sg0	tty31	tty61	ttyS4
btrfs-control	log	shm	tty32	tty62	ttyS5
bus	loop0	snapshot	tty33	tty63	ttyS6
char	loop1	snd	tty34	tty7	ttyS7
console	loop2	stderr	tty35	tty8	ttyS8
core	loop3	stdin	tty36	tty9	ttyS9
cpu	loop4	stdout	tty37	ttyprintk	uhid
cpu_dma_latency	loop5	tty	tty38	ttyS0	uinput
cuse	loop6	tty0	tty39	ttyS1	urandom
disk	loop7	tty1	tty4	ttyS10	usb
dri	loop-control	tty10	tty40	ttyS11	userio

```
ecryptfs          mapper              tty11    tty41    ttyS12    vcs
fb0               mcelog              tty12    tty42    ttyS13    vcs1
fd                mei0                tty13    tty43    ttyS14    vcs2
full              mem                 tty14    tty44    ttyS15    vcs3
fuse              memory_bandwidth    tty15    tty45    ttyS16    vcs4
hidraw0           mqueue              tty16    tty46    ttyS17    vcs5
hidraw1           net                 tty17    tty47    ttyS18    vcs6
hpet              network_latency     tty18    tty48    ttyS19    vcsa
hugepages         network_throughput  tty19    tty49    ttyS2     vcsa1
hwrng             null                tty2     tty5     ttyS20    vcsa2
i2c-0             port                tty20    tty50    ttyS21    vcsa3
i2c-1             ppp                 tty21    tty51    ttyS22    vcsa4
i2c-2             psaux               tty22    tty52    ttyS23    vcsa5
i2c-3             ptmx                tty23    tty53    ttyS24    vcsa6
i2c-4             pts                 tty24    tty54    ttyS25    vfio
i2c-5             random              tty25    tty55    ttyS26    vga_arbiter
i2c-6             rfkill              tty26    tty56    ttyS27    vhci
i2c-7             rtc                 tty27    tty57    ttyS28    vhost-net
initctl           rtc0                tty28    tty58    ttyS29    vhost-vsock
input             sda                 tty29    tty59    ttyS3     zero
```

[43]: `cd ./..`

[44]: `pwd`

```
/
```

[52]: `ls -l`

```
total 0
```

[53]: `ls -a`

```
.  ..
```

[55]: `pwd`

```
/media
```

[56]: `cd ./..`

[57]: `pwd`

```
/
```

[58]: `cd lib`

[59]: `ls`

```
apparmor        init                                       netplan
console-setup   klibc-wBFLvVtxy4xJqEadIBJMa78iJz8.so        open-iscsi
cpp             libhandle.so.1                              recovery-mode
crda            libhandle.so.1.0.3                          systemd
cryptsetup      lsb                                         terminfo
ebtables        modprobe.d                                  udev
firmware        modules                                     ufw
hdparm          modules-load.d                              x86_64-linux-gnu
```

[60]: `ls -a`

```
.               hdparm                                     netplan
..              init                                       open-iscsi
apparmor        klibc-wBFLvVtxy4xJqEadIBJMa78iJz8.so        recovery-mode
console-setup   libhandle.so.1                              systemd
cpp             libhandle.so.1.0.3                          terminfo
crda            lsb                                         udev
cryptsetup      modprobe.d                                  ufw
ebtables        modules                                     x86_64-linux-gnu
firmware        modules-load.d
```

[61]: `cd .`

[62]: `pwd`

`/lib`

[63]: `cd ..`

[64]: `pwd`

`/`

[65]: `cd /home/jupyter-tsagynysh`

[66]: `pwd`

`/home/jupyter-tsagynysh`