

Manjaro Linux Command Line

Beginner Level

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Root:

```
sudo command # executes command as root
sudo -k # empties password cache
sudo visudo # edits /etc/sudoers
passwd # changes user password
chown owner:group # changes owner and group of file
chmod permissions file # changes the file permissions
    to set permissions in octal mode:
    4 (read) 2 (write) 1 (execute)
    example - 755 read-write-execute for owner
    and read-execute for group and others
ls -lh [dir] # displays files and permissions [of directory]
```

[use man command for more information]

Directory :

```
cd dir # changes the working directory
cd .. # changes to the parent directory
ls # lists directory contents
ls -a # also lists the hidden files
cp target file # copies the file
cp -r target directory # copies the directory
mv target source # move/rename target source
rm -r dir # removes directory recursively
ln -s file link # removes directory recursively
mount -t type dev path # mounts file system
mount -o loop iso path # mounts iso image
/home/user # home directory of user
/etc # directory with global configurations
```

[use man command for more information]

Networking:

```
ifconfig # displays network information
iwconfig # displays wireless network information
iwlist scan # lists wireless access points
/etc/rd.d/network ifup interface
/etc/rd.d/network ifdown interface
/etc/rd.d/iptables {start|stop|restart}
ufw enable # enables the firewall [package Community: ufw]
ufw default allow/deny # allows/denies all incoming traffic
ufw status # displays firewall status and rules
```

ufw allow/deny port # allows/denies incoming traffic on the specified port
ufw allow/deny from ip # allows/denies incoming traffic from specified IP address

[use man command for more information]

Others :

uname -r # displays the kernel version
uname -a # displays all the kernel version
df # reports file system disk space usage
top # displays system tasks
procinfo # displays system information [package Core:procinfo-ng]
pstree # display a tree of processes
Ctrl+Alt+Fn # switches to tty n
Ctrl+Alt+F7 # switches to the X session
rc.d start daemon # starts a daemon
rc.d stop daemon # stops a daemon
rc.d restart daemon # restarts a daemon
shutdown -h now # shuts the sytem down
shutdown -r now # restarts the system

[use man command for more information]

pacman -Si pkg # shows package information
pacman -S pkg # installs a package
pacman -Rns pkg # removes a package, its dependencies and configuration files
pacman -Syu # complete package upgrade
pacman -Ss name # searches for packages
pacman -Q pkg # diplays installed packages
pacman -Ql pkg # lists all package files
pacman -U pkg.tar.xz # installs a package from a file
pacman -Qm # lists manually installed packages
yaourt -S pkg # installs a package from AUR [package AUR: yaourt]
yaourt -Syua # complete package upgrade including packages from AUR

man pacman.conf/makepkg # learn more about pacman

* use pacman as root or with sudo

use yaourt as non-privileged user