

Modifié par Gardouille



Network Configuration

- \$ **ifconfig** ► show network information
- \$ **iwconfig** ► show wireless information
- # **lswlist scan** ► scan for wireless networks
- # **service networking restart** ► restart NetworkManager
- # **ifup interface** ► bring interface online
- # **ifdown interface** ► disable interface
- # **editor /etc/network/interfaces** ► config file of network interface

Firewall Configuration

- # **service iptables start/stop** ► start or stop the firewall
- # **iptables -L** ► show current config
- # **iptables -a INPUT -j ACCEPT/REJECT** ► allow or reject all connections
- # **iptables -a INPUT --dport port -j ACCEPT/REJECT** ► allow or reject connection to port
- # **iptables -F** ► reset firewall config

See **man command** for more options

NETWORK

requires root permissions
\$ requires normal user permissions

su 'command' ► run command as root
su ► open a root shell
sudo -s ► open a root shell with user's preferences
su user ► open a shell as user
passwd ► change your password

chown user:group file ► change owner:group of file
chgrp group file ► change group of file
chmod MODE file ► change file permissions

MODE:

- n1**(user)**n2**(group)**n3**(others)
- 4**(read)**2**(write)**1**(execute)
- e.g.: **755** read-write-execute for owner, read-execute for group and others.

See **man command** for more options

PERMISSIONS



FILES & DIRECTORIES

See **man command** for more options

cd directory ► change to directory
cd .. ► change to parent directory
cd - ► change to previous directory
pwd ► display current directory
ls ► list files in work directory
ls -a ► list all files (including hidden files)
cp file dest ► copy file to dest
cp -r directory dest ► copy directory to dest
mv source dest ► move/renamne file/directory to
mkdir new-directory ► create new-directory
rm file ► remove file
rm -r folder ► remove folder recursively
ln -s file link ► create symbolic link of file
mount -t type device mount-point ► mount device
mount -o loop iso mount-point ► mount iso image
/etc ► global system settings

SYSTEM SERVICES

- \$ **uname -r** ► get kernel release
- \$ **uname -a** ► get system information
- # **service daemon start** ► start daemon
- # **service daemon stop** ► stop daemon
- # **service daemon restart** ► restart daemon
- \$ **service daemon status** ► view daemon status
- \$ **runlevel** ► get current runlevel
- # **chkconfig --level 35 service on/off** ► set service to run/not run in runlevels 3,5

DISPLAY

- Ctrl+Alt+Bksp** ► restart X display if frozen
- Ctrl+Alt+FN** ► switch to tty N
- Ctrl+Alt+F7** ► switch back to X display
- # **dexconf** ► reset xorg.conf

Recovery ► Type the phrase "REISUB" while holding down Alt and SysR (PrintScrn) with about 1 second between each letter

See **man command** for more options

SYSTEM AND DISPLAY



requires root permissions
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INSTALLING, REMOVING, UPDATING

- # **aptitude update** ► refresh available updates
- # **aptitude install pkg** ► install pkg
- # **aptitude safe-upgrade** ► upgrade all packages
- # **aptitude full-upgrade** ► upgrade Debian version
- # **aptitude search pkg** ► search package
- # **aptitude show pkg** ► show information about package
- # **aptitude remove pkg** ► uninstall pkg
- # **aptitude purge pkg** ► uninstall pkg and it's settings
- # **aptitude hold pkg** ► not update this package
- # **aptitude clean** ► clean download packages
- # **aptitude** ► aptitude interface (ncurses)
- # **dpkg -i pkg.deb** ► install file pkg.deb
- # **dpkg -l** ► list installed packages
- # **editor /etc/apt/sourceslist** ► APT repository list (file)

See **man command** for more options

PACKAGE MANAGEMENT



requires root permissions
\$ requires normal user permissions