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fedora
CHEAT CUBE

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NETWORK CONFIGURATION

```
$ ifconfig ▶ show network information
$ iwconfig ▶ show wireless information
# iwlist scan ▶ scan for wireless networks
# service NetworkManager restart ▶ restart NETWORK MANAGER

# ifup interface ▶ bring interface online
# ifdown interface ▶ disable interface
$ systemctl (start|stop) ▶ enable/disable firewall
$ firewall-cmd --list-services ▶ list enabled services
$ firewall-cmd --get-services ▶ shows defined services
$ firewall-cmd --list-ports ▶ list other open ports
$ firewall-cmd --(add|remove) --port=12345/(tcp|udp) ▶ allow or disallow (tcp|udp) connection to port 12345
$ firewall-cmd --(add|remove) --service=ssh ▶ enable or disable predefined ssh service
$ firewall-cmd --reload ▶ reload firewall configuration
```

See man *command* for more options

NETWORK

requires root permissions
\$ requires normal user permissions

SYSTEM SERVICES

```
$ uname -r ▶ get kernel release
$ uname -a ▶ get system information
$ systemctl (start|stop|restart) <service> ▶ start, stop or restart a service
$ systemctl (enable|disable) <service> ▶ enable/disable a service
$ systemctl status <service> ▶ check status of service
$ systemctl (get|set) --default=get/set default target
$ systemctl isolate <target> ▶ switch to target level
$ 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 back to tty N
Ctrl+Alt+F1 ▶ switch back to X display
# Xorg -configure ▶ create new config file
```

See man *command* for more options

SYSTEM AND DISPLAY

requires root permissions
\$ requires normal user permissions
* disabled by default

INSTALLING, REMOVING, UPDATING

```
# yum update ▶ update all packages
# yum install pkg ▶ install pkg
# yum remove pkg ▶ remove pkg
# yum search pkg ▶ search pkg
$ yum provides */pkg ▶ check what provides pkg
$ yum info pkg ▶ get pkg information
$ yum history ▶ get installed packages history
$ rpm -q pkg ▶ get installed pkg version
$ yum clean all ▶ clean the cache
$ yum makecache ▶ generate yum cache
# rpm --vv --initdb
# rpm -f /var/lib/rpm/___db*
# rpm --vv --rebuilddb
```

See man *command* for more options

PACKAGE MANAGEMENT

requires root permissions
\$ requires normal user permissions



PERMISSIONS

```
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/rename file/directory to dest
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
/home/user or ~/ ▶ your home directory
```

See man *command* for more options

FILES & DIRECTORIES

* Use carefully, especially with the -f option

