Basic Linux commands - BlueMonkey4n6

Getting around
pwd   - print working directory
cd   - change directory
ls   - list directory contents

Looking at files
cat   - concatenate files and print
more   - show file content
less   - show file content
head   - show head of file
tail   - show tail of file
xxd   - hex dump
od   - octal dump
file   - determine file type
vi   - visual editor

Manipulating files/directories
cp   - copy files
mv   - move files
rm   - remove files
mkdir   - make directory
rmdir   - remove EMPTY directory

Hardware and System info
dmidecode - dumping hardware info
lshw   - dumping hardware info
lsscsi   - list SCSI devices
lsblk   - list block devices
lsusb   - list USB devices
lspci   - list PCI devices
fdisk   - disk partitioning
parted   - disk partitioning
disktype - display disk format
hdparm   - get/set device parameters
smartctl - SMART controller
mkfs   - make file system

Users and Groups
useradd   - add user to system
usermod   - modify user info
id   - display user info
groups   - display group info
su   - substitute user
ln   - links

File Access Control
chmod - change access mode
chown - change ownership
chgrp - change group ownership

Process related
history   - command history list
ps   - process status
top   - updated active
              processes
jobs   - list active jobs
fg   - put job in foreground
bg   - put job in background
kill   - kill jobs/processes
shutdown - shutdown system

Manipulating disks/partitions
mount   - mount a filesystem
umount   - unmount a filesystem
df   - disk usage
du   - disk usage

Imaging
dd   - convert and copy a
                 file
dcfldd   - DCFL version of dd
dc3dd   - another version of dd
ftkimager   - tool to create E01
dd_rescue - drive recovery tool
dd_rhelp   - overlay for dd_rescue
md5sum   - hash generator

Misc
man   - manual pages
info   - informational documents
script   - create typescript
python   - basic calculator

Logical acquisition
cp   - copy files
rsync   - better than cp
tar   - archive tool
7z   - compression tool

Live capture
date   - system date and time
uname   - system information
ip   - network configuration
ps   - process status
who   - who is logged on
w   - who + ps
whoami   - name of current user
last   - list of last logged on
lsof   - list of open files
history   - command history list
.bash_history - list of past commands
find   - search for files
grep   - find lines that match
                patterns

Networking
dhclient   - dynamic IP allocation
ping   - send request to host
traceroute - tracks packet routing
ifconfig   - configure network
               interface
netstat   - routing info
ip   - manipulate routing,
               devices
nc   - netcat

Special symbols
pipe |
redirect   >, <
append   >>
background   &
command number   !
stdin/stdout   -
options specifier (singe letter) -
options specifier (multi-letter) --
job number   %
wildcard   *
wildcard   ?
end of command   ;
home directory   ~
directory levels   /
special character escape   \

Special Keys
File completion: TAB
Quitting a program: Ctrl-C, ESC, q, quit, exit, Ctrl-D
Ctrl-C : exit a program
Ctrl-Z : temporarily stopping a job
Ctrl-S : pause screen
Ctrl-Q: un-pause screen
More windows: Alt-1, Alt-2, Alt-3, Alt-4, Alt-5, Alt-6