

Useful Linux Commands

Directories:

cd.....Change the current directory to home directory
 cd dir.....Change the current directory to **dir**
 pwd.....Print the absolute pathname of the current directory
 mkdir dir.....Create the **dir**
 rmdir dir.....Remove the directory **dir**, if it is empty
 rm -fr dir.....Remove the directory **dir**, even it is not empty
 ls -la | more.....List information about the files of the current directory

Files:

cat file.....List content of the **file**
 less file.....List content of the **file** one screenful at a time.
 cp file1 file2.....Copy files
 mv file1 file2.....Move files
 rm file.....Remove files
 chmod 755 file.....Change file access permissions
 touch file.....Update the access and modification time of file or create **file**
 vi file.....Edit the **file**
 find / -name '*.rpm'.....Find all rpm files from / directory

Users:

id.....Print real and effective UIDs and GIDs
 who.....Show who is logged on
 passwd.....Change user password
 su user.....Change the effective user id and group id to **user**
 su - user.....Make the shell a login shell
 su -.....Change the effective user id and group id to **root**
 exit.....Exit the shell
 logout.....Exit a login shell

Processes:

ps -ef |less.....List all processes
 top.....Display top CPU processes
 kill 12345.....Terminate a process
 kill -9 12345.....Kill a process

System:

uptime.....Tell how long the system has been running
 date.....Print the system date and time
 df.....Report filesystem disk space usage
 free.....Display amount of free and used memory in the system
 du -hs dir.....Estimate file space usage of directory **dir**

Network:

/sbin/ifconfig.....List network interface information
 netstat -nr.....Kernel IP routing table
 cat /etc/resolv.conf.....List all nameservers
 ping system.com.....Testing connection to other system
 ssh user@system.com.....Open secure shell to the system
 sftp user@system.com.....Open secure ftp connection to the system