

Linux Commands All Users Should Know

Command	Description
pwd	Print working directory
ls -lah	List directory contents
cd <dir></dir>	Change directory
cat <file></file>	Show file contents
touch <file></file>	Modify timestamp Create File
cp <source/> <destination></destination>	Copy file
mv <file> <destination></destination></file>	Move file
mkdir <dir></dir>	Make directory
rmdir <dir></dir>	Remove empty directory
rm -r <file dir="" or=""></file>	Remove file or directory
locate <file></file>	Show file location
find -name <file dir="" or=""></file>	Show file or directory location
grep <string> <file></file></string>	Find string in file

Command	Description
sudo <command/>	Elevate permissions
df	Show free space on disk
du	Show disk usage
head <file> <command/> head</file>	Show first ten lines
tail <file> <command/> tail</file>	Show last ten lines
diff <file 1=""> <file 2=""></file></file>	Show file differences
tar	Manage .tar files
chmod <perm> <file dir="" or=""></file></perm>	Change file/directory permissions
chown <uid> <file dir="" or=""></file></uid>	Change file/directory ownership
ps	List running processes
top	List running processes in real-time
kill <signal> <pid></pid></signal>	Terminate process
ping <host or="" url=""></host>	Check connectivity

Command	Description
wget <url></url>	Download file
uname -a	Print system information
history	Show command history
man <command/>	Show manual page
echo <argument></argument>	Print to terminal
hostname	Show DNS name
useradd <username></username>	Add new user
userdel <username></username>	Delete existing user
file <file></file>	Show file information
wc <file></file>	Count words, lines, bytes
whoami	Show current user
ip addr	Show IP address

Command	Description
apt, yum, rpm, pacman	Work with packages
passwd	Change password
mount -t <type> <device> <dir></dir></device></type>	Mount device
reboot	Reboot system
which <command/>	Show command path
nano <file></file>	Open file in nano text editor
vim <file></file>	Open file in Vim text editor
whatis <command/>	Show command description
alias <name>=<command/></name>	Set command alias
unalias <name></name>	Remove command alias
clear	Clear terminal contents
exit	Exit terminal session