Basic Linux Commands and Description

Command	Description
ls	List directory contents
cd	Change the current working directory
pwd	Print the current working directory
mkdir	Make a new directory
rmdir	Remove a directory
touch	Create a new empty file
cat	Display the contents of a file
cp	Copy a file or directory
mv	Move or rename a file or directory
rm	Remove a file or directory
chmod	Change the permissions of a file or directory
chown	Change the owner of a file or directory
ps	Show running processes
top	Show system resource usage
df	Show disk usage information
du	Show disk usage for a specific file or directory
tar	Create or extract a tar archive
wget	Download a file from the internet
ssh	Connect to a remote server using SSH
grep	Search for a pattern in a file or output
find	Search for files and directories
locate	Find files by name
diff	Compare two files or directories
patch	Apply a patch to a file
zip	Create or extract a zip archive
unzip	Extract files from a zip archive
awk	Manipulate text data

Command	Description
sed	Stream editor for text data
sort	Sort lines of text
uniq	Remove duplicate lines from text
head	Show the first few lines of a file
tail	Show the last few lines of a file
wc	Count lines, words, and characters in a file
tee	Redirect output to a file and the screen
scp	Copy files between computers using SSH
rsync	Synchronize files and directories
ping	Test network connectivity
ifconfig	Configure network interfaces
netstat	Show network connections and statistics
route	Show or modify the network routing table
whois	Look up domain registration information
hostname	Show or set the system hostname
uptime	Show how long the system has been running
alias	Create an alias for a command
basename	Remove directory and suffix from filenames
cal	Show a calendar
date	Show or set the system date and time
echo	Print a message
expr	Evaluate an expression
file	Show the file type
history	Show command history
jobs	List active jobs
kill	Terminate a process
less	Display a file or command output one screen at a time
ln	Create a link to a file or directory
man	Show the manual page for a command

Command	Description
more	Display a file or command output one screen at a time
mount	Mount a filesystem
passwd	Change a user's password
printenv	Show environment variables
quota	Show or modify user disk quotas
reboot	Reboot the system
shutdown	Shutdown the system
source	Execute a script in the current shell
su	Switch to another user account
sudo	Execute a command with superuser privileges
sync	Synchronize data to disk
umask	Set the default file permissions
uname	Show system information
useradd	Add a new user
userdel	Delete a user
who	Show who is logged in
xargs	Execute a command with arguments from standard input

Basic Git Commands and Description

Command	Description
git init	Create a new Git repository
git clone	Clone a remote repository
git add	Add changes to the staging area
git commit	Commit changes to the local repository
git push	Push changes to a remote repository
git pull	Pull changes from a remote repository
git status	Show the current status of the repository
git log	Show the commit history of the repository
git branch	List, create, or delete branches
git checkout	Switch between branches or commits
git merge	Merge changes from one branch into another
git diff	Show the differences between files or commits
git stash	Save changes for later
git tag	Create or list tags
git remote	Manage remote repositories
git fetch	Fetch changes from a remote repository without merging
git revert	Revert a previous commit
git reset	Reset the repository to a previous state
git show	Show information about a specific commit
git config	Configure Git settings