


Linux Commands

































The following table is a list of linux commands found on a Redhat 9.0 server.

To see a list of bash shell commands, go to the [shell commands](#) page.

For those of you who are unsure how to use linux commands, see our [Linux Commands Tutorial](#).



























Click on the command name or the  to see a description of the command.











Click on the  to see the man page for that command.

Command	Description		
adduser	Add a new user		
arch	Print machine architecture		
awk	Find and Replace text within file(s)		
bc	An arbitrary precision calculator language		
cal	Display a calendar		
cat	Concatenate files and print on the standard output		
chdir	Change working directory		
chgrp	Change the group ownership of files		
chkconfig	Tool for maintaining the /etc/rc[0-6].d directory hierarchy		
chmod	Change the access permissions of files and directories		
chown	Change the user and group ownership of files		
chroot	Change root directory		
cksum	Print CRC checksum and byte counts		
clear	Clear terminal screen		
cmp	Compare two files		
comm	Compare two sorted files line by line		
cp	Copy one or more files to another location		
cron	Daemon to execute scheduled commands		
crontab	Schedule a command to run at a later time		
csplit	Split a file into context-determined pieces		
cut	Divide a file into several parts		
date	Display or change the date & time		
dc	Desk Calculator		
dd	Data Dump - Convert and copy a file		
df	Display free disk space		
diff	Display the differences between two files		

diff3	Show differences among three files	
dir	Briefly list directory contents	
dircolors	Colour setup for `ls`	
dirname	Convert a full pathname to just a path	
du	Estimate file space usage	
echo	Display message on screen	
ed	A line-oriented text editor (edlin)	
egrep	Search file(s) for lines that match an extended expression	
eject	Eject CD-ROM	
env	Display, set, or remove environment variables	
expand	Convert tabs to spaces	
expr	Evaluate expressions	
factor	Print prime factors	
false	Do nothing, unsuccessfully	
fdformat	Low-level format a floppy disk	
fdisk	Partition table manipulator for Linux	
fgrep	Search file(s) for lines that match a fixed string	
find	Search for files that meet a desired criteria	
fmt	Reformat paragraph text	
fold	Wrap text to fit a specified width	
format	Format disks or tapes	
free	Display memory usage	
fsck	Filesystem consistency check and repair	
gawk	Find and Replace text within file(s)	
grep	Search file(s) for lines that match a given pattern	
groups	Print group names a user is in	
gzip	Compress or decompress named file(s)	
head	Output the first part of file(s)	
hostname	Print or set system name	
id	Print user and group id's	
info	Help info	
install	Copy files and set attributes	
join	Join lines on a common field	
kill	Stop a process from running	
less	Display output one screen at a time	

ln	Make links between files		
locate	Find files	?	
logname	Print current login name		
lpc	Line printer control program		
lpr	Off line print		
lprm	Remove jobs from the print queue		
ls	List information about file(s)	?	
man	Help manual		
mkdir	Create new folder(s)		
mkfifo	Make FIFOs (named pipes)		
mknod	Make block or character special files		
more	Display output one screen at a time		
mount	Mount a file system		
mv	Move or rename files or directories		
nice	Set the priority of a command or job		
nl	Number lines and write files		
nohup	Run a command immune to hangups		
passwd	Modify a user password		
paste	Merge lines of files		
pathchk	Check file name portability		
pr	Convert text files for printing		
printcap	Printer capability database		
printenv	Print environment variables		
printf	Format and print data		
ps	Process status		
pwd	Print Working Directory	?	
quota	Display disk usage and limits		
quotacheck	Scan a file system for disk usage		
quotactl	Set disk quotas		
ram	ram disk device		
rcp	Copy files between two machines		
rm	Remove files		
rmdir	Remove folder(s)		
rpm	Remote Package Manager		
rsync	Remote file copy (Synchronize file trees)		

screen	Terminal window manager		
sdiff	Merge two files interactively		
sed	Stream Editor		
select	Accept keyboard input		
seq	Print numeric sequences		
shutdown	Shutdown or restart linux		
sleep	Delay for a specified time		
sort	Sort text files		
split	Split a file into fixed-size pieces		
su	Substitute user identity		
sum	Print a checksum for a file		
symlink	Make a new name for a file		
sync	Synchronize data on disk with memory		
tac	Concatenate and write files in reverse		
tail	Output the last part of files		
tar	Tape Archiver		
tee	Redirect output to multiple files		
test	Evaluate a conditional expression		
time	Measure Program Resource Use		
touch	Change file timestamps		
top	List processes running on the system		
traceroute	Trace Route to Host		
tr	Translate, squeeze, and/or delete characters		
true	Do nothing, successfully		
tsort	Topological sort		
tty	Print filename of terminal on stdin		
umount	Unmount a device		
uname	Print system information		
unexpand	Convert spaces to tabs		
uniq	Uniquify files		
units	Convert units from one scale to another		
unshar	Unpack shell archive scripts		
useradd	Create new user account		
usermod	Modify user account		
users	List users currently logged in		

uuencode	Encode a binary file		
uudecode	Decode a file created by uuencode		
vdir	Verbosely list directory contents ('ls -l -b')		
watch	Execute/display a program periodically		
wc	Print byte, word, and line counts		
whereis	Report all known instances of a command		
which	Locate a program file in the user's path		
who	Print all usernames currently logged in		
whoami	Print the current user id and name ('id -un')		
xargs	Execute utility, passing constructed argument list(s)		
yes	Print a string until interrupted		