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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 | | |

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|-----------|--|--|---|
| | | |  |
| 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 | |  |

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