

# 200 Essential Linux Commands with Short Descriptions

- 1. `pwd` – Show current directory path
- 2. `ls` – List files and directories
- 3. `cd` – Change directory
- 4. `mkdir` – Create directory
- 5. `rmdir` – Remove empty directory
- 6. `rm` – Remove files/directories
- 7. `cp` – Copy files
- 8. `mv` – Move/rename files
- 9. `touch` – Create empty file
- 10. `cat` – Show file content
- 11. `less` – View file page by page
- 12. `more` – View file content
- 13. `head` – First lines of file
- 14. `tail` – Last lines of file
- 15. `nano` – Nano editor
- 16. `vim` – Vim editor
- 17. `grep` – Search text patterns
- 18. `find` – Search files
- 19. `chmod` – Change permissions
- 20. `chown` – Change ownership
- 21. `df` – Disk space usage
- 22. `du` – Directory size
- 23. `free` – Memory usage
- 24. `top` – Running processes
- 25. `ps` – Process status
- 26. `kill` – Terminate process
- 27. `ping` – Network connectivity
- 28. `ifconfig` – Network config
- 29. `ip` – IP management
- 30. `netstat` – Network stats
- 31. `wget` – Download files
- 32. `curl` – Transfer data
- 33. `tar` – Archive files
- 34. `gzip` – Compress files
- 35. `unzip` – Extract zip
- 36. `ssh` – Remote login
- 37. `scp` – Secure copy
- 38. `rsync` – Sync files
- 39. `uname` – System info
- 40. `history` – Command history
- 41. `man` – Manual page
- 42. `whoami` – Current user
- 43. `sudo` – Superuser execute
- 44. `systemctl` – Manage services
- 45. `reboot` – Restart system
- 46. `shutdown` – Power off
- 47. `mount` – Mount filesystem
- 48. `umount` – Unmount filesystem
- 49. `lsblk` – List block devices
- 50. `fdisk` – Disk partition tool
- 51. `crontab` – Schedule tasks

- 52. alias – Create alias
- 53. env – Environment variables
- 54. export – Set environment variable
- 55. diff – Compare files
- 56. sort – Sort file content
- 57. uniq – Remove duplicates
- 58. wc – Word count
- 59. awk – Pattern scanning
- 60. sed – Stream editor
- 61. xargs – Build argument list
- 62. watch – Run repeatedly
- 63. time – Measure time
- 64. date – Show date/time
- 65. cal – Calendar
- 66. uptime – System uptime
- 67. hostname – Show hostname
- 68. groups – Show groups
- 69. id – User identity info
- 70. dmesg – Kernel messages
- 71. lsusb – List USB devices
- 72. lscpu – CPU information
- 73. lsmem – Memory info
- 74. stat – File statistics
- 75. file – File type info
- 76. basename – Extract filename
- 77. dirname – Extract directory path
- 78. chattr – Change file attributes
- 79. screen – Terminal multiplexer
- 80. tmux – Terminal multiplexer advanced
- 81. who – Logged in users
- 82. last – Login history
- 83. adduser – Add user
- 84. userdel – Delete user
- 85. groupadd – Add group
- 86. passwd – Change password
- 87. iptables – Firewall tool
- 88. ufw – Firewall utility
- 89. tcpdump – Packet capture
- 90. nmap – Network scanner
- 91. nc – Netcat tool
- 92. traceroute – Trace route
- 93. arp – ARP table
- 94. route – Routing table
- 95. nmcli – Network manager CLI
- 96. apt – Package manager
- 97. yum – Package manager
- 98. dnf – Package manager
- 99. dpkg – Debian package tool
- 100. rpm – RPM manager
- 101. fsck – Filesystem check
- 102. mkfs – Make filesystem
- 103. dd – Copy and convert data
- 104. sha256sum – Generate SHA256 hash
- 105. md5sum – Generate MD5 hash
- 106. base64 – Encode/decode base64
- 107. pwd – Show current directory path
- 108. ls – List files and directories

- 109. cd – Change directory
- 110. mkdir – Create directory
- 111. rmdir – Remove empty directory
- 112. rm – Remove files/directories
- 113. cp – Copy files
- 114. mv – Move/rename files
- 115. touch – Create empty file
- 116. cat – Show file content
- 117. less – View file page by page
- 118. more – View file content
- 119. head – First lines of file
- 120. tail – Last lines of file
- 121. nano – Nano editor
- 122. vim – Vim editor
- 123. grep – Search text patterns
- 124. find – Search files
- 125. chmod – Change permissions
- 126. chown – Change ownership
- 127. df – Disk space usage
- 128. du – Directory size
- 129. free – Memory usage
- 130. top – Running processes
- 131. ps – Process status
- 132. kill – Terminate process
- 133. ping – Network connectivity
- 134. ifconfig – Network config
- 135. ip – IP management
- 136. netstat – Network stats
- 137. wget – Download files
- 138. curl – Transfer data
- 139. tar – Archive files
- 140. gzip – Compress files
- 141. unzip – Extract zip
- 142. ssh – Remote login
- 143. scp – Secure copy
- 144. rsync – Sync files
- 145. uname – System info
- 146. history – Command history
- 147. man – Manual page
- 148. whoami – Current user
- 149. sudo – Superuser execute
- 150. systemctl – Manage services
- 151. reboot – Restart system
- 152. shutdown – Power off
- 153. mount – Mount filesystem
- 154. umount – Unmount filesystem
- 155. lsblk – List block devices
- 156. fdisk – Disk partition tool
- 157. crontab – Schedule tasks
- 158. pwd – Show current directory path
- 159. ls – List files and directories
- 160. cd – Change directory
- 161. mkdir – Create directory
- 162. rmdir – Remove empty directory
- 163. rm – Remove files/directories
- 164. cp – Copy files
- 165. mv – Move/rename files

- 166. touch – Create empty file
- 167. cat – Show file content
- 168. less – View file page by page
- 169. more – View file content
- 170. head – First lines of file
- 171. tail – Last lines of file
- 172. nano – Nano editor
- 173. vim – Vim editor
- 174. grep – Search text patterns
- 175. find – Search files
- 176. chmod – Change permissions
- 177. chown – Change ownership
- 178. df – Disk space usage
- 179. du – Directory size
- 180. free – Memory usage
- 181. top – Running processes
- 182. ps – Process status
- 183. kill – Terminate process
- 184. ping – Network connectivity
- 185. ifconfig – Network config
- 186. ip – IP management
- 187. netstat – Network stats
- 188. wget – Download files
- 189. curl – Transfer data
- 190. tar – Archive files
- 191. gzip – Compress files
- 192. unzip – Extract zip
- 193. ssh – Remote login
- 194. scp – Secure copy
- 195. rsync – Sync files
- 196. uname – System info
- 197. history – Command history
- 198. man – Manual page
- 199. whoami – Current user
- 200. sudo – Superuser execute