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| --- | --- | --- |
| **Command** | **Description** | **Output** |
| mkpasswd | Make a hard-to-guess, random password of the length as specified. | varad@LAPTOP-JUJ8VK21:~$ mkpasswd 12  MD6.mra/13qZk |
| mysqldump | from the name of this command.mysqldump commands dumps (backups) all or a particular database data into a given a file | varad@LAPTOP-JUJ8VK21:~$ mysqldump -u root -p --all-databases Desktop/Backup.sql |
| uptime | **Uptime** is a **command** that returns information about how long your system has been running together with the current time, number of users with running sessions, and the system load averages for the past 1, 5, and 15 minutes. It can also filter the information displayed at once depending on your specified options. | varad@LAPTOP-JUJ8VK21:~$ uptime  17:25:22 up 8 min, 0 users, load average: 0.52, 0.58, 0.59 |
| wall | one of the most important command for administrator, wall sends a message to everybody logged in with their mesg permission set to “yes“. The message can be given as an argument to wall, or it can be sent to wall’s standard input. | varad@LAPTOP-JUJ8VK21:~$ wall "Hello Everybody" |
| mesg | Lets you control if people can use the “write” command, to send text to you over the screen. | varad@LAPTOP-JUJ8VK21:~$ mesg y  varad@LAPTOP-JUJ8VK21:~$ mesg  is y |
| write | Let you send text directly to the screen of another Linux machine if ‘mesg’ is ‘y | varad@LAPTOP-JUJ8VK21:~$ write "Hello" |
| talk | An enhancement to write command, talk command lets you talk to the logged in users | varad@LAPTOP-JUJ8VK21:~$ talk Varad |
| top | Displays the processes of CPU. This command refresh automatically, by default and continues to show CPU processes unless interrupt-instruction is given. | varad@LAPTOP-JUJ8VK21:~$ top  top - 17:32:26 up 15 min, 0 users, load average: 0.52, 0.58, 0.59  Tasks: 5 total, 1 running, 3 sleeping, 1 stopped, 0 zombie  %Cpu(s): 9.8 us, 2.6 sy, 0.0 ni, 87.1 id, 0.0 wa, 0.5 hi, 0.0 si, 0.0 st  KiB Mem : 8273204 total, 2979520 free, 5064332 used, 229352 buff/cache  KiB Swap: 25165824 total, 25061420 free, 104404 used. 3075140 avail Mem  PID USER PR NI VIRT RES SHR S %CPU %MEM TIME+ COMMAND  328 varad 20 0 17620 2036 1504 R 0.3 0.0 0:00.18 top  1 root 20 0 8892 284 248 S 0.0 0.0 0:00.20 init  33 root 20 0 8904 208 160 S 0.0 0.0 0:00.00 init  34 varad 20 0 16796 3444 3340 S 0.0 0.0 0:00.51 bash  268 varad 20 0 14252 1108 928 T 0.0 0.0 0:00.01 wall |
| mkfs.ext4 | This command create a new ext4 file system on the specified device, if wrong device is followed after this command, the whole block will be wiped and formatted, hence it is suggested not to run this command unless and until you understand what you are doing. | Mkfs.ext4 /dev/sda1 (sda1 block will be formatted) |
| Netstat | netstat command displays various network related information such as network connections, routing tables, interface statistics, masquerade connections, multicast memberships etc.., | varad@LAPTOP-JUJ8VK21:~$ netstat  Active Internet connections (w/o servers)  Proto Recv-Q Send-Q Local Address Foreign Address State  Active UNIX domain sockets (w/o servers)  Proto RefCnt Flags Type State I-Node Path |