

| COMMAND | PURPOSE   |
|---------|---|
| ls      | Lists the files and directories in the current directory                                |
| cd      | Changes the current working directory   |
| pwd     | Displays the current working directory  |
| mkdir   | Creates a new directory   |
| rmdir   | Removes an empty directory  |
| cp      | Copies a file or directory from one location to the other                               |
| mv      | Moves a file or a directory from one location to another,or renames a file or directory |
| rm      | Removes a file  |
| touch   | Creates a new empty file  |
| cat     | Displays the contents of a file   |
| less    | Displays the contents of a file one page at a time                                      |
| head    | Displays the first few lines of a file  |
| tail    | Displays the last few lines of a file   |
| grep    | Searches for a pattern in a file  |
| find    | Searches for files and directories that match a pattern                                 |
| sort    | Sorts the contents of a file  |
| uniq    | Removes duplicate lines from a sorted file  |
| wc      | Counts the number of lines,words and characters in a filechmod                          |
| chmod   | Changes the permissions on a file or directory  |
| chmon   | Changes the owner of a file or directory  |
| ps      | Displays information about the processes currently running on the system                |
| kill    | Terminates a process  |
| top     | Displays the real-time information about  |

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|------------|--|
|            | system resource usage and the processes using those resources    |
| df         | Displays information about available disk space                  |
| du         | Displays information about the disk usage of a file or directory |
| tar        | Creates or extracts compressed archive files                     |
| gzip       | Compress or decompress files                                     |
| zip        | Compress or decompress files                                     |
| unzip      | Decompresses .zip files  |
| ssh        | Securely connects to a remote system                             |
| scp        | Securely copies files to or from a remote system                 |
| ping       | Tests the connectivity to a network host                         |
| traceroute | Displays the route packets take to a network host                |
| host       | Performs DNS lookups   |
| dig        | Performs DNS lookups   |
| nslookup   | Performs DNS lookups   |