# Command and Description Table

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| Command | Description |
| apt-get | Advanced Package Tool, used for package management (installing, updating, removing software packages). |
| apt | A newer command-line interface for the APT package management system, introduced in Debian 8. |
| dpkg | Debian Package Manager, used for low-level package management (installing, querying, and removing individual .deb packages). |
| apt-cache | APT package management utility for querying information about available packages. |
| aptitude | An alternative text-based interface for package management, providing interactive package management capabilities. |
| ls | List directory contents. |
| cd | Change the current directory. |
| pwd | Print the current working directory. |
| mkdir | Create a new directory. |
| rmdir | Remove a directory. |
| cp | Copy files and directories. |
| mv | Move or rename files and directories. |
| rm | Remove files or directories. |
| touch | Create an empty file or update the timestamp of an existing file. |
| cat | Concatenate and display the contents of files. |
| more or less | View the contents of a file one screen at a time. |
| head | Display the beginning of a file. |
| tail | Display the end of a file. |
| grep | Search for patterns in files. |
| find | Search for files and directories in a directory hierarchy. |
| chmod | Change the permissions of files and directories. |
| chown | Change the owner of files and directories. |
| man | Display the manual pages for commands. |
| sudo | Execute a command with superuser privileges. |
| su | Switch user or become another user. |
| df | Display disk space usage. |
| du | Display disk usage of files and directories. |
| tar | Archive files. |
| gzip or gunzip | Compress or decompress files. |
| ssh | Secure Shell, used for remote login to another computer. |
| scp | Securely copy files between hosts on a network. |
| wget | Retrieve files from the internet using HTTP, HTTPS, or FTP. |
| curl | Transfer data from or to a server. |
| ps | Display information about active processes. |
| kill | Terminate processes by PID (Process ID) or name. |
| top | Display dynamic real-time information about running processes. |
| free | Display amount of free and used memory in the system. |
| uname | Print system information. |
| ifconfig or ip | Display or configure network interfaces. |
| ping | Send ICMP Echo Request to network hosts. |
| traceroute | Print the route that packets take to reach a network host. |
| nc | Netcat, a versatile networking utility for reading from and writing to network connections. |
| awk | A programming language for pattern scanning and text processing. |
| sed | Stream Editor for filtering and transforming text. |
| tee | Read from standard input and write to standard output and files simultaneously. |