**LINUX COMMANDS (UBUNTU / DEBIAN)**

**Basic Commands**

Bash Commands:

|  |  |  |  |
| --- | --- | --- | --- |
| **uname** | Shows system and kernel. | # uname [OPTION] | **-a** print all information, in the following order, except omit -p and -i if unknown  **-m** Shows machine  **-p** Shows processor  **-o** Shows operating system  **-i** Shows hardware platform  **-v** Shows kernel version  **-r** Shows kernel release  **-n** Shows nodename  **-s** Shows kernel name |
| **mount** | Shows mounted filesystem. | # mount [OPTION] | **-t** Filesystem type  **-l** List  **-a** All |
| **date** | Shows system date. | # date |  |
| **uptime** | Shows uptime | # uptime [OPTION] | **-s** Since |
| **whoami** | Shows username | # whoami |  |
| **man** | Show manual for a linux command | # man <command> |  |

Directory Operations:

|  |  |  |  |
| --- | --- | --- | --- |
| **pwd** | Prints current working directory. | # pwd [OPTION] |  |
| **ls** | List all the contents of a directory. | # ls [OPTION] | **-a** Show all including hidden  **-R** Recursive list  **-r** Reverse order  **-t** Sort by last modified  **-S** Sort by file size  **-l** Long listing format (detailed output)  **-1** One file per line  **-m** Comma-separated output  **-Q** Quoted output |
| **mkdir** | Make a directory. | # mkdir [OPTION] <filename> (with or without path) | **-p** parents or path make sub-directories after creating the parent  **-m** specify the octal permissions of directories created by mkdir. |
| **cd** | Change directory or navigate through the file system. | # cd <absolute or relative path> | **..**  Go up a directory  **~** Go to home path  **/** Root |

Filesystem Operations:

|  |  |  |  |
| --- | --- | --- | --- |
| **touch** | Creates a file with any extension. | # touch <filename.extension> |  |
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