Ubuntu & Debian Commands

| **General File Commands** | |
| --- | --- |
| ls (ls -la) | Lists files that are in the current directory |
| cd [folder] | Changes what directory you are in. use “..” to go back a directory |
| pwd | print out what folder you are in on the terminal |
| nano/gedit [file path] | Open the file in a text editor. Use ctrl-x to exit nano |
| rm [file path]  rm -rf [directory path] (use this for folders) | Remove a file or directory |
| find [directory] -iname "[filename]"  Ex: find /home -iname "\*.txt" (for all txt files in /home) | Find files in a given directory |
| grep [file] [string]  Ex: grep test.txt hello | Outputs all the lines in a file that have an instance of [string] |
| **General Security Commands** | |
| sudo -i | Log into the root (admin) account using your password |
| passwd [user]  passwd -l [user] (lock a user account) | Changes a user’s password or locks their account |
| chage -m 7 -W 14 -M 30 [user] | Change the user’s password expiration information |
| adduser [user]  adduser [user] [group] | Add a user to the system or add a user to a group |
| deluser [user]  deluser [user] [group] | Remove a user from the system or remove a user from a group |
| addgroup [group] | Create a group on the system |
| delgroup [group] | Remove a group from the system |
| ufw enable | Enable the firewall |
| ufw logging on | Enable logging for the firewall |
| netstat -tulpn | Look for running processes that are connected to the network. You should be able to identify which ones are backdoors. |
| service --status-all | View the services installed on your system. You should know how to figure out which ones are unnecessary. |
| **Apt Commands** | |
| apt install [program] | Install a certain program |
| apt purge/remove [program] | Remove a program from your system. Purge also removes any settings that the program had. |
| apt autoremove | Remove any unnecessary programs that were required for programs that you have removed |
| apt update && apt upgrade | Update the sources where your linux system gets its info on programs first and then update the programs. This takes awhile. |

Important Information

Go to ubuntu settings to enable automatic updates. Make sure to set your sources to the first three options.

To disable the guest account on ubuntu, go to /etc/lightdm/lightdm.conf and append the line allow-guest=false.

The following programs are usually considered hacking programs:

* Nmap
* Wireshark
* John
* Netcat
* Nikto
* Kismet
* Aircrack
* Ettercap