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Server setup cont.

Ubuntu

Ubuntu Repository:

Command is: (***apt-cache policy)***

Text

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How to install a PPA: Here I install Firefox PPA which can be found on their website or a simple google search. Please be aware that PPA aren’t 100% secured some might be fake PPAs.

Command was ***“sudo add-apt-repository ppa:mozillateam/firefox-next”***

Text

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To find all added PPA this the command that will take you to where they’re stored.

***“ls /etc/apt/sources.list.d”***



Part 2: Installing TMUX and Fail2Ban

Command is the following: ***(sudo apt install tmux) (sudo apt install Fail2Ban) (sudo apt install emacs)***

If you want to run Tmux just type in the command (tmux)



Shape

Description automatically generated with medium confidence

Now you want to leave the application you have to hit the following:

Ctrl + B and X right after

A picture containing graphical user interface

Description automatically generated

This will give you the opportunity to close the application just type “Y” and you’ll be out.

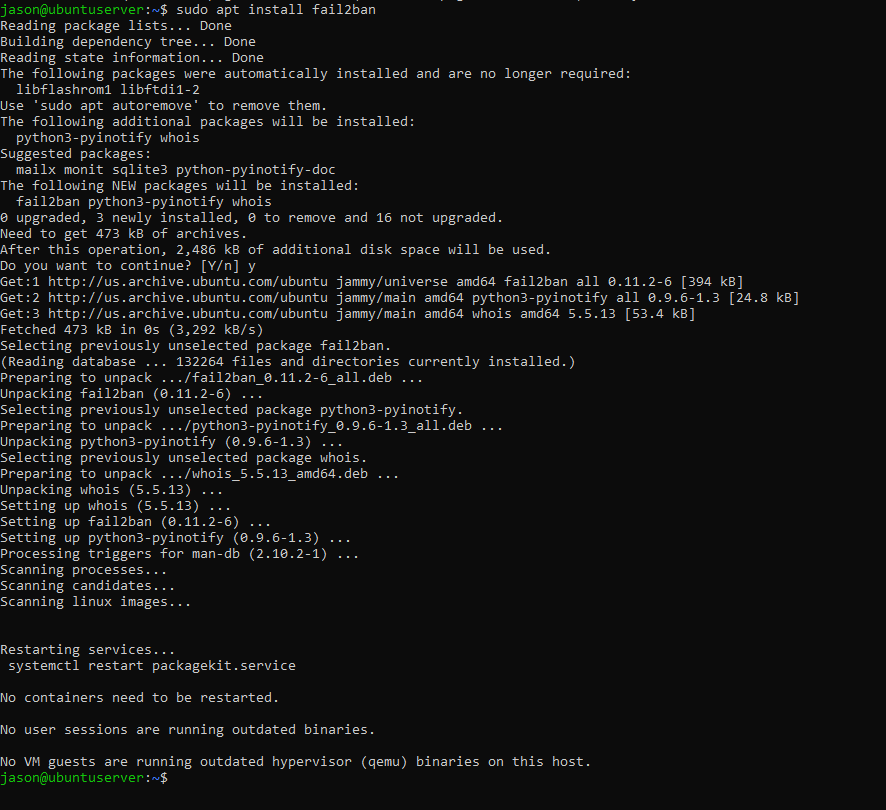


Please note that the command will ask for your admin password.

Text

Description automatically generated

Fail2Ban:



If you’re able to check the service is running or not with the following command: (systemctl status fail2ban)

Then that means you’ve installed it successfully.

Unlike other programs this doesn’t have a simple method of running it. If you type: (cd /etc/fail2ban)

But you can modify the .conf files by using (vi jail.conf)

A screenshot of a computer

Description automatically generated with medium confidence

These are the settings for “fail2ban.conf”

I haven’t modified anything since the initial install, but these were my settings.

Please be aware that it’s recommended to make copies of these .conf files if you plan on making any changes. To do that we would need to type the following

“***sudo cp /etc/fail2ban/jail.conf /etc/fail2ban/jail.local***”

“***sudo cp /etc/fail2ban/fail2ban.conf /etc/fail2ban/fail2ban.local***”

Graphical user interface

Description automatically generated with low confidence

A screenshot of a computer screen

Description automatically generated

And this is for jail.conf:

Text

Description automatically generated

Emacs:

(emacs will take a bit longer than the rest of the other installs)

The install will ask you if you want to install the software please hit “y” and enter to continue with the installation.

Text

Description automatically generated

To run Emacs just type on the command line the following (emacs) You know you’ve done it correctly when you get this screen:

Text

Description automatically generated

To exit just press the following key together: Ctrl + X



Installing Cowsay:

Command: (sudo apt install cowsay)

Text

Description automatically generated

You can run cowsay with this command (cowsay -e @@ {anything you want it to say})

Text

Description automatically generated

Installing Lolcat

Command: (sudo apt install lolcat)

Note: just like emacs this takes a bit of time to install.

The install will ask you if you want to install the software please hit “y” and enter to continue with the installation.

Text

Description automatically generated

You know you’ve installed it correctly when you do this command: lolcat -h

It tells you the steps and guides on how to use it.

Text

Description automatically generated

To update your server, you will need to do the following command:

(sudo apt update)

Text

Description automatically generated

To update your packages and other things please type this command:

(sudo apt upgrade)

Please type “Y” and enter to continue with the updates.

This command will take the longest out of all of them and while prompt you with a second GUI screen. You can simply hit enter. This will reset your services with should be fine to do.

Text

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Part 5. I haven’t updated anything or installed anything since the first time I did the setup. Only updates/upgrades happened during this assignment.