1. **Centos 7 installation of Tmux, Fali2ban, emacs, cowsay, and lolcat.**
2. To install Tmux on your Centos server use the following command **sudo yum install tmux.** When using the commands we will be using **sudo** at the beginning of every command to give us privileged access to be able to execute the commands.
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4. Some dependencies had to be updated to install Tmux.
5. To install Fail2ban on your Centos server first we need to do install the EPEL project. Which it stands for Extra Packages for Enterprise Linux. Use the following command to install the package. **sudo yum install epel-release**
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7. Now that we have the packages installed, we can go ahead and install Fail2ban with the following command **sudo yum install fail2ban**
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9. Next to install emacs we need the EPEL project package. But since we already have it installed in the previous step, we can just do the command **sudo yum install emacs.**
10. **Text

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11. To install cowsay we can just do the command **sudo yum install cowsay**
12. **A picture containing text, screenshot, monitor, black

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13. And finally, to install lolcat we first need to install ruby using the following command **sudo yum install ruby**
14. A screenshot of a computer

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15. Next, we need to download the latest version of lolcat from the git repository. Use the following command to get the files **wget** [**https://github.com/busyloop/lolcat/archive/master.zip**](https://github.com/busyloop/lolcat/archive/master.zip)**.** Once the file has been downloaded unzip the file with the **unzip master** command. Once unzipped change to the directory lolcat-master using **cd lolcat-master/bin.**
16. Finally once in the directory use the **gem install lolcat** to install lolcat.
17. Text

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