Robert Call

Linux Admin

10/18/21

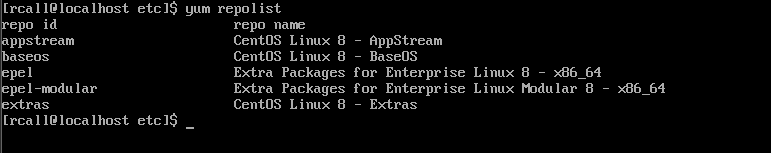
**Continue Setup Installing Repositories and programs**

Centos 8:

1. Q. How to check for repositories on your server (show existing ones and new ones)

To find your list of repositories on Centos 8

1. To check for local Repositories or ones you have installed on Centos 8 you use the command yum repo list.
2. Explanation: Yum repo list will show all installed repositories.

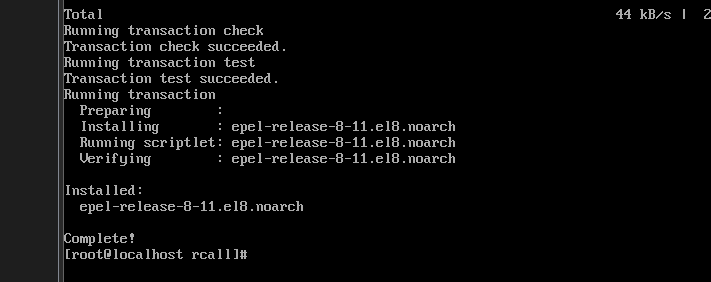
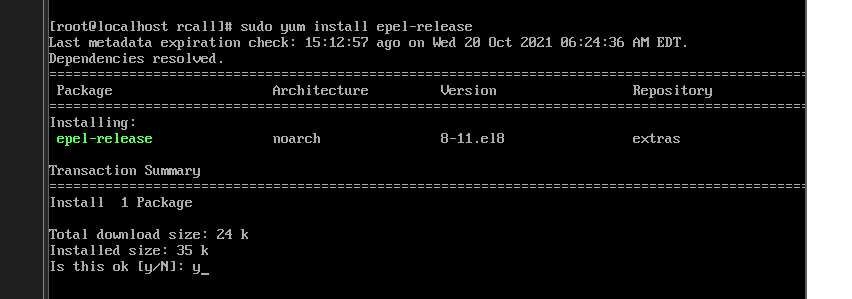


2. Adding a Repository:

Sudo yum install epel-release

B. Explanation: using sudo yum install epel-release this will retrieve and install Epel Reposotry for the server. Text

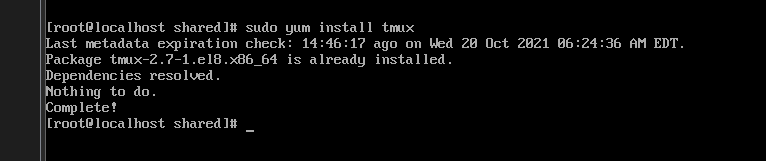
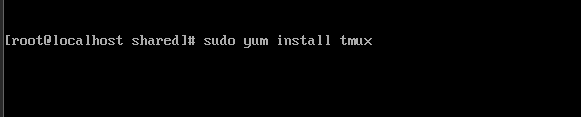
Description automatically generated



1. How to Install tmux 10/25/21

A. sudo yum install tmux

B. Explanation: this will search and start the install of tmux for centos.

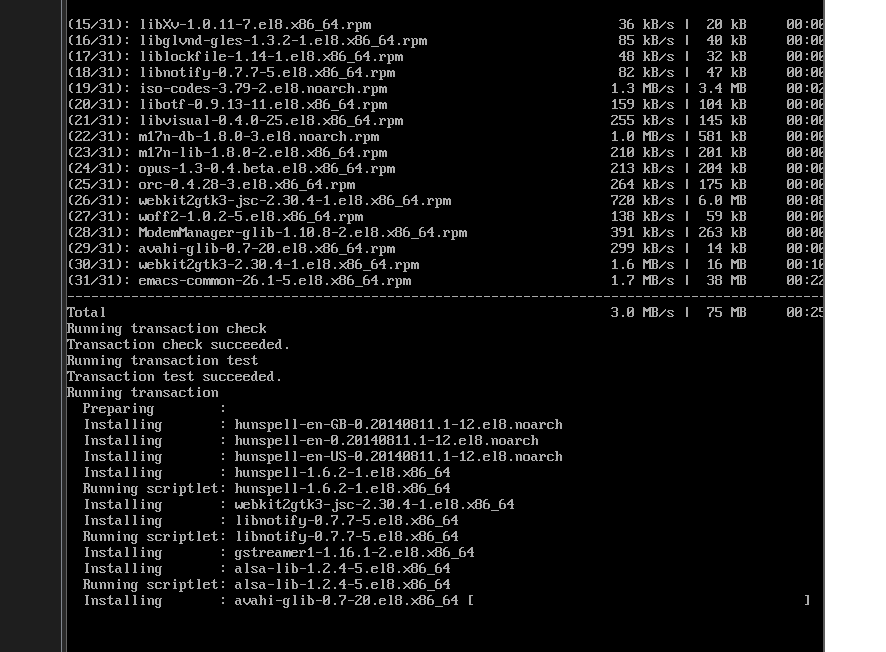


1. How to install emacs 10/27/21

A. Sudo yum install emacs

B. Explanation: This command will search and install Emacs. Text

Description automatically generated with medium confidenceText

Description automatically generated 

1. How to install fail2ban 10/28/21

A. Sudo yum install fail2ban

B. Explanation: This command will install fail2ban and for this install we did have to go in and start the service and set it up through sudo systemctl enable fail2ban and sudo systemctl start fail2ban commands after downloading it.

Graphical user interface, text

Description automatically generatedText

Description automatically generatedText

Description automatically generatedText

Description automatically generatedText

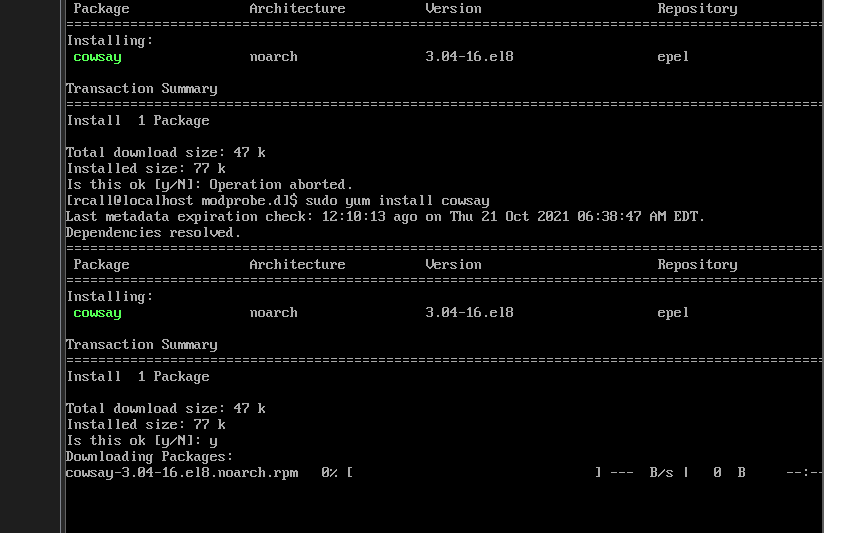
Description automatically generated

1. How to install cowsay 11/2/21

A. you will want to use apt-get cowsay first to download the package to your Linux server. Then use the Sudo yum install cowsay.

B. Explanation: The first command will find and download the cowsay package to your server. The second command runs the installer for cowsay.

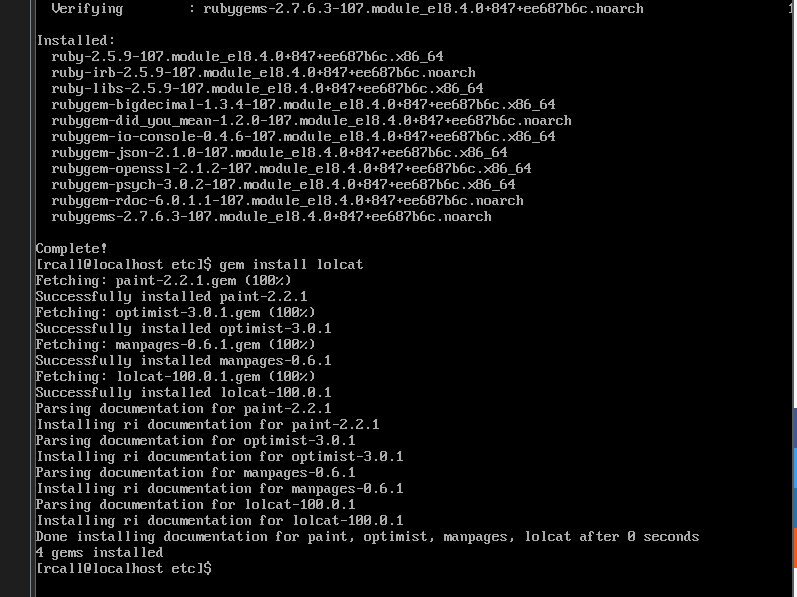
Text

Description automatically generated

8. How to install lolcat 11/3/21

A. Apt-get install ruby and yum install ruby or dnf install ruby

B. Explanation: we need to first get ruby to install as lolcat is a gem which is a repository in the ruby package. Once install we can use yum or as I did dnf install lolcat this will install lolcat gem



9. Update vi to vim if necessary

A. Sudo dnf search vim and sudo yum install vim enchanced

B. Explanation: using dnf command we search if we have any vim software already installed which we do. We choose to install vim enhanced with the sudo yum install vim enhanced but as we see from the screenshots we already have it installed.

Graphical user interface

Description automatically generatedText

Description automatically generatedText

Description automatically generated

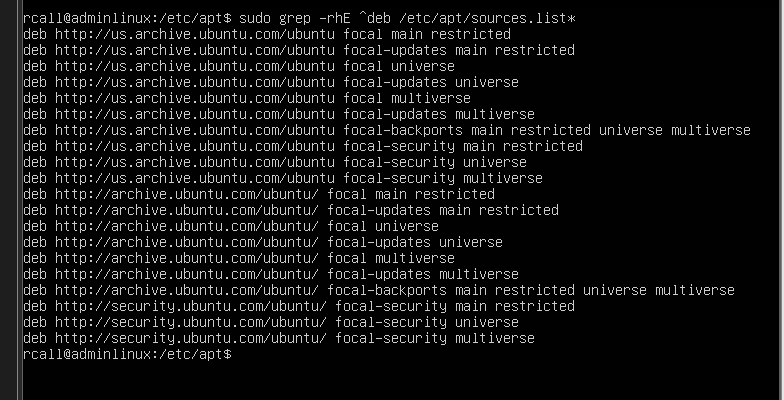
**Continue Setup part 2: Ubuntu Server**

Q. How to check for repositories on your server (show existing ones and new ones)

To find your list of repositories on Ubuntu Server. To check for local Repositories or ones you have installed on Centos 8 you use the command

Code: sudo grep -rhE ^deb /etc/apt/sources.list\*

Explanation: sudo grep -rhE ^deb /etc/apt/sources.list\* this command uses grep to go to our file location for our repositories which is /etc/apt/sources.list



Adding a Repository:

A. add-apt-(repository) we also will be using sudo apt install (program)

B. Explanation: This Command will add a repository to the server (replace repository with the actual repostiory name) (no screenshot)

How to Install Tmux 11/4/21

A. sudo apt install tmux

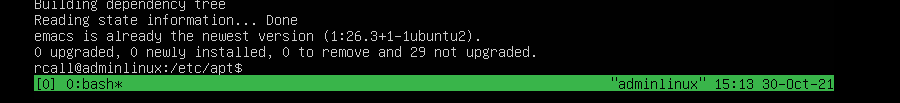
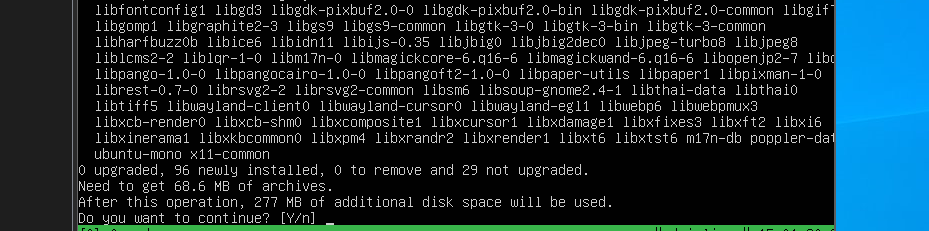
B. Explanation: This command will install tmux Text

Description automatically generated

How to install emacs 11/5/21

A. sudo apt install emac

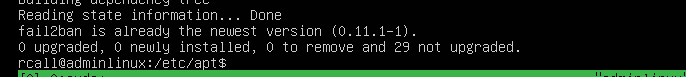
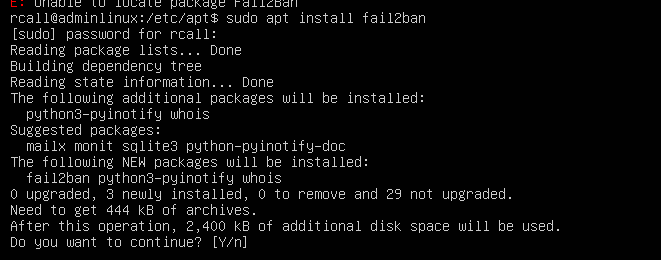
B. Explanation: This command will install emacs after grabbing it from the repository.



How to install fail2ban 11/5/21

A. sudo apt install fail2ban

B. Explanation: we use the command above to install fail2ban for Ubuntu we did not need to change anything and the install ran without any issues.



How to install cowsay 11/6/21

A. sudo apt install cowsay

B. Explanation: The above command will go and find the installer and as seen below will install and unpack cowsay.

Text

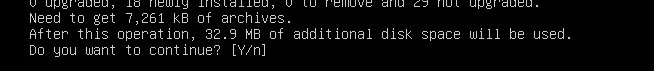
Description automatically generated

How to install lolcat 11/6/21

A. sudo apt install lolcat

B. Explanation: Unlike our Centos 8 Server we did not have to go and install ruby or have to install lolcat gem for ubuntu

Graphical user interface, text

Description automatically generatedText

Description automatically generatedGraphical user interface, text, website

Description automatically generated

Update vi to vim if necessary

A. sudo apt install vim 11/6/21

B. Explanation: we use sudo apt to grab the install of vim we did not have to make any changes to this it installs easily.

Graphical user interface, text, website

Description automatically generatedText

Description automatically generated

**Citations:**

<https://www.youtube.com/watch?v=kgdoVeyoO2E>

<https://linuxways.net/centos/how-to-install-emacs-editor-on-centos-8/>

<https://computingforgeeks.com/linux-tmux-cheat-sheet/>

<https://heliosguneserol.com/2020/12/03/linux-error-curl6-could-not-resolve-host-mirrorlist-centos-org-unknown-error/>

<https://www.tecmint.com/lolcat-command-to-output-rainbow-of-colors-in-linux-terminal/>

<https://www.cyberciti.biz/faq/how-to-install-vim-on-centos-8-using-dnf-yum/>