Linux Guide

File Permission in Linux

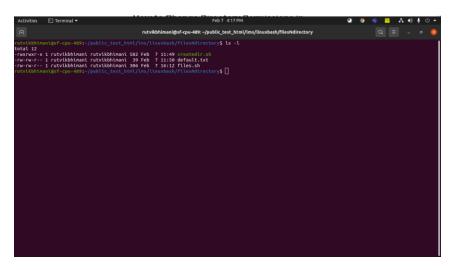
+r= read permission

+w=Write Permission

+x=Execute Permission

To list the all file with the permission

ls-l



What is 777 numeric number mean?

Owner	Group	Other
421	421	421
4- read	4-read	4-read
2-write	2-write	2-write
1- Execute	1-execute	1-execute
7	7	7

Note: where + means file and d meand directory

How to change permission for file and directory??

chmod ugo+rwx <foldername>

- change the permission for all

How to Change Ownership in Linux

chown name <filename/foldername>

-rw-r--r-- 12 rutvikbhimani rutvikbhimani 12.0K Apr 8 20:51 filename.txt

How to Change Group Of file

chown <Group> file

Types of permission in linux

- 0 = ---
- 1 = --x
- 2 = -w-
- 3 = -wx
- 4 = r-
- 5 = r-x
- 6 = rw-
- 7 = rwx

HTOP

Install

Ubentu

sudo apt-get update

sudo apt-get install htop

Centos [usually used in server and hosting]

dnf install https://dl.fedoraproject.org/pub/epel/epel-release-latest-8.noarch.rpm

dnf update

dnf install htop

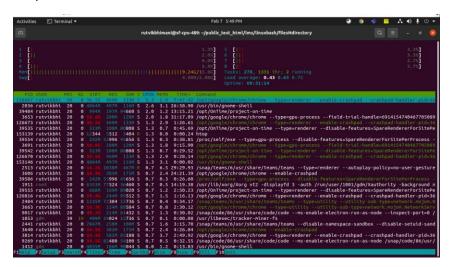
Amazone Linux [aws]

yum search htop

sudo yum install htop

List all running process

htop



Find Particular Process in using search

F3

kill any particular process

F9

Vim

Open any file using vim

vim <filename>

Navigate in file









Action	Keybinding	
delete charter	x	
delete line	dd	
undo	u	
number to line	:set number	
Insert Mode	i	
esc	go to normal mode	
paster	+p	

How to search in vim

:set hlsearch

Search and replace using vim

:s <search>|<replace>

Save and exit

:wq

Exit without saving

:q!