

Linux File Permissions

drwxrwxr-x 2 ubuntu ubuntu 4096 Oct 2 11:55 files

d

rwX

rwX

r-X

directory

(Owner)

read

write

execute

(Group)

read

write

execute

(All Users)

read

execute

-rw-rw-r-- 1 travis ubuntu 21 Oct 2 11:56 main.py

-

rw-

rw-

r--

file

(Owner)

read

write

(Group)

read

write

(All Users)

read

- rw- rw- r--

r = 4

w = 2

x = 1

6

6

4

d rwX rwX r-X

r = 4

w = 2

x = 1

7

7

5

1. chmod - change mode

chmod (permission number) (filename/directory)

2. chown - change owneship

chown (new owner) (filename/directory)

chown (newuser):(newgroup) (filename/directory)

Common Permissions

644 - File Baseline

755 - Directory Baseline

400 - Key Pair