

Day05 Class

File permission

r(4) w(2) x(1) =7

Default Permission in Directory – 755

Default Permission in file - 644

Umask - 022

Full Permission – 777 (7 – user,7 –group,7 –others and read,write and execute)

Permission - 666

Here are 10 Combination of the Permission you provide

1. -rw-r---x = 641 myfile1
2. -r---w---x = 421 myfile2
3. -rw-rwxr-- =674 myfile3
4. -rw-r-x--x =651 myfile4
5. -r-xr---x =541 myfile5
6. -rw-rw---x =661 myfile6
7. -r---wx—x =431 myfile7
8. -rw-r---wx =643 myfile8
9. -r-x-w---x =521 myfile9
10. -rw-rwxr-x =675 myfile10

```
[root@localhost ~]# touch myfile{1..10}
[root@localhost ~]# ls -l
total 4
-rw-----. 1 root root 822 May  6 10:
-rw-r--r--. 1 root root   0 May  6 10:
-rw-r--r--. 1 root root   0 May  6 10:
-rw-r--r--. 1 root root   0 May  6 10:
-rw-r--r--. 1 root root   0 May  6 10:
-rw-r--r--. 1 root root   0 May  6 10:
-rw-r--r--. 1 root root   0 May  6 10:
-rw-r--r--. 1 root root   0 May  6 10:
-rw-r--r--. 1 root root   0 May  6 10:
-rw-r--r--. 1 root root   0 May  6 10:
-rw-r--r--. 1 root root   0 May  6 10:
-rw-r--r--. 1 root root   0 May  6 10:
-rw-r--r--. 1 root root   0 May  6 10:
[root@localhost ~]# chmod 641 myfile1
[root@localhost ~]# chmod 421 myfile2
```

```
[root@localhost ~]# ls -l
total 4
-rw-----. 1 root root 822 M
-rw-r--r--. 1 root root 0 M
-rw-r---x. 1 root root 0 M
-rw-rwxr-x. 1 root root 0 M
-r---w---x. 1 root root 0 M
-rw-rwxr--. 1 root root 0 M
-rw-r-x-x. 1 root root 0 M
-rwxr---x. 1 root root 0 M
```

Here are 10 Combination of the Permission you provide

```
drw-r---x   = 641 test1
dr---w---x  =421 test2
drw-rwxr--  = 674 test3
drw-r-x—x   =651 test4
dr-xr---x   = 541 test5
drw-rw---x  = 661 test6
dr---wx--x  = 431 test7
drw-r---wx  =643 test8
dr-x-w---x  = 521 test9
drw-rwxr-x  = 675 test10
```

```
[root@localhost ~]# mkdir test{
[root@localhost ~]# ls -l
total 4
-rw----- . 1 root root 822 May
-rw-r--r-- . 1 root root 0 May
-rw-r---x . 1 root root 0 May
-rw-rwxr-x . 1 root root 0 May
-r---w---x . 1 root root 0 May
-rw-rwxr-- . 1 root root 0 May
-rw-r-x-x . 1 root root 0 May
-r-xr---x . 1 root root 0 May
-rw-rw---x . 1 root root 0 May
-r---wx-x . 1 root root 0 May
-rw-r---wx . 1 root root 0 May
-r-x-w---x . 1 root root 0 May
drwxr-xr-x . 2 root root 6 May
drwxr-xr-x . 2 root root 6 May
```

```
[root@localhost ~]# chmod 641 t
[root@localhost ~]# chmod 421 t
[root@localhost ~]# chmod 674 t
[root@localhost ~]# chmod 651 t
[root@localhost ~]# chmod 541 t
[root@localhost ~]# chmod 661 t
[root@localhost ~]# chmod 431 t
[root@localhost ~]# chmod 642 t
```