

The background features a light gray gradient with several realistic water droplets of varying sizes scattered across the surface. A faint, circular, textured pattern is visible in the upper center of the image.

## Chapter 4. 사용자와 그룹

# 사용자와 그룹



system administrator; super user; root



Group A  
User a/b/c



Group B  
User x/y/z



Group C  
User q/w/e

[https://www.iconfinder.com/icons/1218712/customers\\_group\\_team\\_user\\_user\\_group\\_icon](https://www.iconfinder.com/icons/1218712/customers_group_team_user_user_group_icon)

# 사용자와 그룹

- 사용자
- 그룹
- 특수 사용자 root

# 파일 소유권

- 파일의 소유권(ownership)

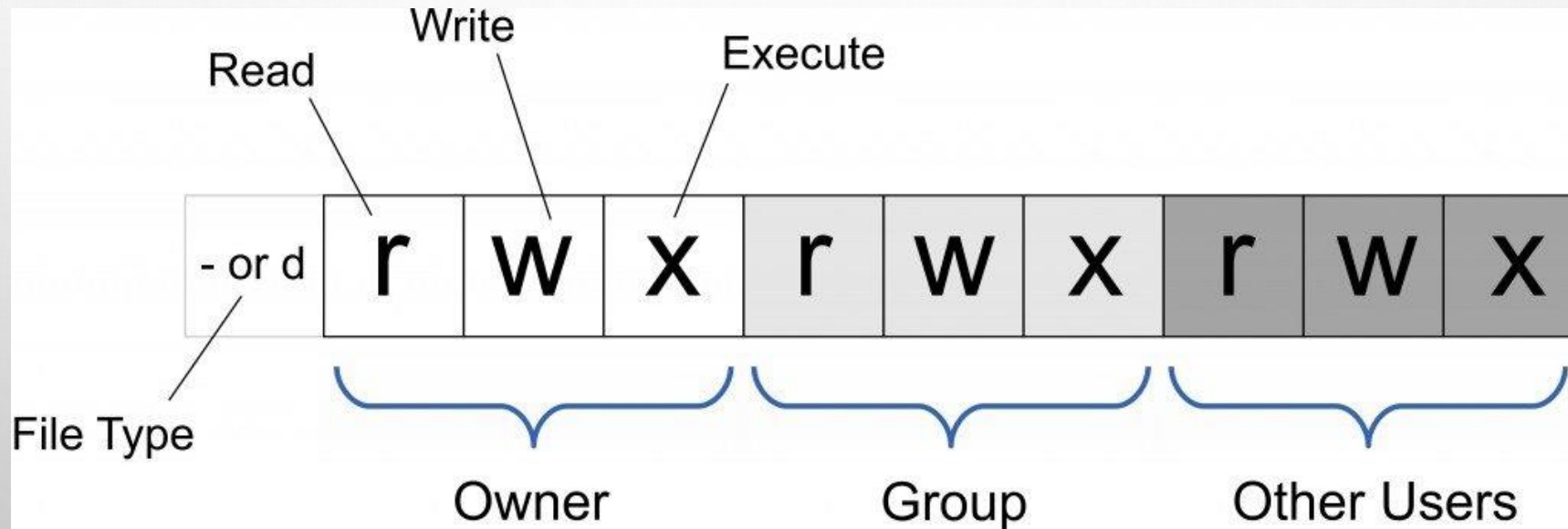
```
$ pwd
/home/hostname/user2
$ ls -l
total 8
drwxr-xr-x  2  user2  users    1024  Feb  9  14:22  directory1
-rw-r--r--  1  user2  users         0  Feb 10  10:20  emptyfile
-rw-r--r--  1  user2  users   104357  Feb  5  08:20  large-file
drwxr-xr-x  3  user2  users    1024  Feb 10  11:13  veggies2
```

Permissions	Links	Owner	Group	Size	Date	Time	File or directory name
drwxr-xr-x	2	user2	users	1024	Feb 9	14:22	directory1
-rw-r--r--	1	user2	users	0	Feb 10	10:20	emptyfile
-rw-r--r--	1	user2	users	104357	Feb 5	08:20	large-file
drwxr-xr-x	3	user2	users	1024	Feb 10	11:13	veggies2

<https://docs.oracle.com/cd/E19683-01/806-7612/images/Files.fig153.epsi.gif>

# 파일 권한

- 파일 접근 권한(permission or mode)



<https://cloudxlab.com/blog/wp-content/uploads/2017/12/file-permissions-rwx.jpg>

# 파일 권한

- 8진 표기법

	Owner			Group			Other Users		
- or d	r	w	x	r	w	x	r	w	x
	4	2	1	4	2	1	4	2	1
	7			7			7		

	u	g	o
	754		
access	r w x	r w x	r w x
binary	4 2 1	4 2 1	4 2 1
enabled	1 1 1	1 0 1	1 0 0
result	4 2 1	4 0 1	4 0 0
total	7	5	4

[https://miro.medium.com/max/875/0\\*AAZ3ClEyE1qFtyT.jpg](https://miro.medium.com/max/875/0*AAZ3ClEyE1qFtyT.jpg)

<https://danielmiessler.com/images/permissions.png>

# 파일 권한

- 의미 표기법(symbolic form)

```
$ chmod [ugoa(+/-)rwx] <dir>
```

Where

- **u** = user, **g** = group, **o** = others, **a** = all;
- **+** = add permission, **-** = remove

To make a directory readable by others:

```
$ chmod go+rx <dir>
```

<https://slideplayer.com/slide/10133876/>