

- description :
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- lastupdate : 2022-11-22 Thu

## 가

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- 
- (YAML )
- `yaml` 가

## YAML (YAML Ain't Markup Language)

- 
- Space

★ - tab 가

## docker-compose.yml

1. `YAML`
2. `.yaml`, `.yml`
3. **key / value**
- 4.
5. (:) . ex) `image: centos:7.9.2009`
6. (-)
7. (#)

★ - (:) 가

# docker compose

====Top level 4가 ( )=====

```
version: ( ) -  
services: (docker container) -  
volumes: (docker volume) -  
networks: (docker network) -
```

4가

- 가

## compose file

`docker-compose.yml` compose file format .

1. Version 1
  - networking
    - bridge IP
    - 가
    - links
2. Version 2 (2.x) . ( 2.0 .)
  - yml (ex) 2.1
  - **services**
  - volumes Named volumes 가
  - networks Network 가
  - 가 . 가
3. Version 3 .

## Docker Compose

- **docker-compose.yml** ( )
- .

1. docker-compose up #
2. docker-compose down #
3. docker-compose start/stop/restart # / /
4. docker-compose kill # SIGKILL
5. docker-compose pause/ unpaue # / 가

## 6. --build

#

# Docker Compose

-d	
-no-deps	
-build	
-t	( 10 )

## Docker Compose.yml 가

version :		
services :		
volumes :	Mount	
build :		service
context :	Dockerfile	build
dockerfile :	Dockerfile	build
image :		build
command :	container	service
entrypoint :	container	service
environment :		service
container_name :		service
links :		service
ports :	Host 가	service
expose :		service

```

1. hgkim@LAPTOP-266L93S4:/usr/bin$ sudo mkdir DockerCompose
# DockerCompose
2. hgkim@LAPTOP-266L93S4:/usr/bin/DockerCompose$ sudo vi Dockerfile
#
3. hgkim@LAPTOP-266L93S4:/usr/bin/DockerCompose$ sudo vi docker-compose.yml
#

```

```

### docker-compose.yml
version: "3.9"           #
services:                #
  apserver:              #
    build:                # Dockerfile
      context: .          #Dockerfile  '..'
    ports:                #Port
      - '22:22'
      - '7100-7110:7100-7110'
      - '80:80'

```

```
- '8080:8080'  
user: root  
privileged: true # Unprivileged ,  
.  
container_name: rsa_server # .
```

```
4. docker-compose up -d --build #  
)  
5. docker exec -it /bin/bash # .
```

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- 2023.12

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