

- description :
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- lastupdate : 2022-11-22 Tue

## 가

- 
- ( 22.04 .)

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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

- Version 1
  - networking
    - bridge IP
    - 가
    - links
- Version 2 (2.x) ( 2.0 )
  - yml (ex) 2.1
  - services**
  - volumes Named volumes 가
  - networks Network 가
  - 가
  - 가
- 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/ unpause # / 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
# Docker가 DockerCompose
```

```
2. hgkim@LAPTOP-266L93S4:/usr/bin/DockerCompose$ sudo vi Dockerfile
# DockerCompose
```

```
FROM ( : )
# FROM
가
```

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

```
### docker-compose.yml
version: "3.9"
services:
  apserver:
    build:
      context: .
    ports:
      - '22:22'
      - '7100-7110:7100-7110'
      - '80:80'
      - '8080:8080'
    user: root
    privileged: true
    container_name: rsa_server
```

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

- 가 OS
  - ( )
- 5 , , ,

