

- 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`, `yaml` .
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 # SIGKH
5. docker-compose pause/ unpause # / 가
6. --build #
.
```

Docker Compose

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

Docker Compose.yml가

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 , , ,