

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

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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 .)
 - yaml (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 # 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 :	Host가	service
expose :		service

```
1. hgkim@LAPTOP-266L93S4:/usr/bin$ sudo mkdir DockerCompose
# DockerCompose
```

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

```
FROM ( : )
# FROM
가
```

```
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 #

- 가 OS
- ()

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