

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

가

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- (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 .

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/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
- ()

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