

- 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. `.yml` , `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)

- yml ex) 2.1
- services
- volumes Named volumes 가
- networks Network 가
- 가

3. Version 3

Docker Compose

- **docker-compose.yaml** ()
-

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.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
# Docker 가 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: .                                #Dockerfile . ''
    ports:
      - '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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