

# Docker

- description :
- author :
- email : dhan@repia.com
- lastupdate : 2020-12-14

가?

## CentOS

- docker pull [image]
  - dockerhub
- docker images
  -
- docker run [option] [image]
  - 
  - pull
- docker ps [option]
  -
- docker rm [id|name]
  -
- ex1) docker rm competent\_perlman
- ex2) docker rm e56af772c419
- docker rmi [image]
  - 
  - ex) docker rmi hello-world
- docker start [container]
  - 
  - ex) docker start hello-world
  - run pull + start, , container 가 start가
  - start container가 stop
- docker stop [container]
  - 
  - ex) docker stop hello-world

- start running docker container
- docker exec -it [container] bash
  - 
  - ex) docker exec hello-world bash
- - (scp )

```
$> sudo docker cp [host ] [container name]:[container ]
```

\* docker cp -

## Case Study

DB ( )

## Linux

docker-compose.yml

```
version: '3.8'

services:
  centos8:
    hostname: centos8
    container_name: centos8
    privileged: true
    user: root
    build:
      context: .
      dockerfile: Dockerfile
    stdin_open: true
    tty: true
    volumes:
      - ./data:/data
    ports:
      - '2228:22'
      - '2280:80'
      - '2281:7000'
      - '2282:7001'
      - '2283:7002'
      - '2284:7003'
      - '2285:7004'
    expose:
      - '2228'
      - '2280'
      - '2281'
      - '2282'
      - '2283'
```

```

- '2284'
- '2285'
command: /sbin/init

```

### Dockerfile

```

FROM centos:8
WORKDIR /

```

```
$> docker-compose up -d
```

```

$> yum install -y openssh-server
$> vi /etc/ssh/sshd_config <-

$> yum install -y passwd
$> /usr/sbin/useradd www <-
$> yum install -y net-tools
$> yum install -y make gcc gcc-c++ libstdc++-devel
$> yum install -y unzip file crontie mlocate binutils

```

## Ref

- [\[Docker\] Window Docker mariadb](#)
- [\[ \] Windows 10](#)
- [\[ \]](#)
- [\[Docker\] / / \(ubuntu\)](#)
- [2 :](#)
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