

도커 설치 실습

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도커 설치 환경

도커 설치 환경 설명

개별 서버 설치 후 진행

OS : Ubuntu 22.04.1 LTS

도커 설치

도커 설치 실습

공식 홈페이지의 설치 방법에 따라서 설치 진행

Install using the repository

Before you install Docker Engine for the first time on a new host machine, you need to set up the Docker repository. Afterward, you can install and update Docker from the repository.

Set up the repository

1. Update the `apt` package index and install packages to allow `apt` to use a repository over HTTPS:

```
$ sudo apt-get update

$ sudo apt-get install \
  ca-certificates \
  curl \
  gnupg \
  lsb-release
```



2. Add Docker's official GPG key:

```
$ sudo mkdir -p /etc/apt/keyrings
$ curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg
```



3. Use the following command to set up the repository:

```
$ echo \
"deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.gpg] https://download.docker.com/linux/
$(lsb_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
```



To install the latest version, run:

```
$ sudo apt-get install docker-ce docker-ce-cli containerd.io docker-compose-plugin
```



1. Update the `apt` package index:

```
$ sudo apt-get update
```

도커 설치 완료

실행 결과

설치 진행 후 [sudo docker run hello-world] 실행한 결과

```
Hello from Docker!  
This message shows that your installation appears to be working correctly.  
  
To generate this message, Docker took the following steps:  
1. The Docker client contacted the Docker daemon.  
2. The Docker daemon pulled the "hello-world" image from the Docker Hub.  
   (amd64)  
3. The Docker daemon created a new container from that image which runs the  
   executable that produces the output you are currently reading.  
4. The Docker daemon streamed that output to the Docker client, which sent it  
   to your terminal.  
  
To try something more ambitious, you can run an Ubuntu container with:  
$ docker run -it ubuntu bash  
  
Share images, automate workflows, and more with a free Docker ID:  
https://hub.docker.com/  
  
For more examples and ideas, visit:  
https://docs.docker.com/get-started/
```