

# aws instance 생성

- 보안 그룹
- 탄력적 ip 할당

EC2 > 탄력적 IP 주소 > 탄력적 IP 주소 연결

### 탄력적 IP 주소 연결

이 탄력적 IP 주소에 연결할 인스턴스 또는 네트워크 인터페이스를 선택합니다. (3.39.64.14)

**탄력적 IP 주소:** [선택된 주소]

**리소스 유형**  
탄력적 IP 주소를 연결할 리소스의 유형을 선택합니다.

☒ 인스턴스  
☐ 네트워크 인터페이스

**⚠ 탄력적 IP 주소가 이미 연결되어 있는 인스턴스에 탄력적 IP 주소를 연결하면 이전에 연결된 탄력적 IP 주소 해제되지만 계정은 계속 할당된 상태로 남아 있습니다. 자세히 알아보기**

**인스턴스**  
[인스턴스 ID] X

**프라이빗 IP 주소**  
탄력적 IP 주소를 연결할 프라이빗 IP 주소입니다.  
[프라이빗 IP 주소 선택]

**재연결**  
이 리소스에 연결되어 있는 탄력적 IP 주소를 다른 리소스에 재연결할 수 있는지 여부를 지정합니다.  
☐ 이 탄력적 IP 주소를 재연결하도록 허용



# \* docker running 상태 확인

## \* docker image pull

```
ubuntu@ip-172-31-43-228:~$ docker --version
Docker version 20.10.17, build 100c701
ubuntu@ip-172-31-43-228:~$ sudo systemctl start docker
ubuntu@ip-172-31-43-228:~$ sudo systemctl enable docker
Synchronizing state of docker.service with SysV service script with /lib/systemd/systemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable docker
ubuntu@ip-172-31-43-228:~$ sudo systemctl status docker
● docker.service - Docker Application Container Engine
   Loaded: loaded (/lib/systemd/system/docker.service; enabled; vendor preset: enabled)
   Active: active (running) since Mon 2022-07-18 11:00:58 UTC; 49s ago
     TriggeredBy: ● docker.socket
       Docs: https://docs.docker.com
    Main PID: 24793 (dockerd)
       Tasks: 7
      Memory: 36.4M
         CPU: 267ms
    CGroup: /system.slice/docker.service
            └─24793 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock

Jul 18 11:00:58 ip-172-31-43-228 dockerd[24793]: time="2022-07-18T11:00:58.150932419Z" level=info msg="sc
Jul 18 11:00:58 ip-172-31-43-228 dockerd[24793]: time="2022-07-18T11:00:58.151100839Z" level=info msg="cc
Jul 18 11:00:58 ip-172-31-43-228 dockerd[24793]: time="2022-07-18T11:00:58.151319644Z" level=info msg="CL
Jul 18 11:00:58 ip-172-31-43-228 dockerd[24793]: time="2022-07-18T11:00:58.221901257Z" level=info msg="Lo
Jul 18 11:00:58 ip-172-31-43-228 dockerd[24793]: time="2022-07-18T11:00:58.427748497Z" level=info msg="De
Jul 18 11:00:58 ip-172-31-43-228 dockerd[24793]: time="2022-07-18T11:00:58.531281567Z" level=info msg="Lo
Jul 18 11:00:58 ip-172-31-43-228 dockerd[24793]: time="2022-07-18T11:00:58.609346587Z" level=info msg="De
Jul 18 11:00:58 ip-172-31-43-228 dockerd[24793]: time="2022-07-18T11:00:58.609768935Z" level=info msg="De
Jul 18 11:00:58 ip-172-31-43-228 systemd[1]: Started Docker Application Container Engine.
Jul 18 11:00:58 ip-172-31-43-228 dockerd[24793]: time="2022-07-18T11:00:58.647480173Z" level=info msg="AP
lines 1-22/22 (END)
```

```
Last login: Mon Jul 18 11:16:10 2022 from 203.234.182.158
ubuntu@ip-172-31-43-228:~$ docker login harbor.secondev.com - [REDACTED]
WARNING! Using --password via the CLI is insecure. Use --password-stdin.
WARNING! Your password will be stored unencrypted in /home/ubuntu/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store
```

```
Login Succeeded
ubuntu@ip-172-31-43-228:~$ docker pull harbor.secondev.com/study/aws-img
Using default tag: latest
latest: Pulling from study/aws-img
97518928ae5f: Pull complete
4796d9078153: Pull complete
c3cb450ea517: Pull complete
dc9de54e9683: Pull complete
327d4822defe: Pull complete
0175dc548b06: Extracting [=====] 12.12MB/32.4MB
[REDACTED]
```

# \* Docker image 생성

## \* docker harbor에 image push

```

Dockerfile > ...
1 FROM node:17.2.0 AS builder
2 WORKDIR /app
3
4 COPY . .
5
6 RUN yarn install
7
8 FROM node:17.2.0-alpine
9 WORKDIR /app
10
11
12 COPY --from=builder /app ./
13
14 # EXPOSE 30000
15 CMD ["yarn", "startdev"]

```

Hello

```

hasesu@LAPTOP-CIN6GFV: ~/Desktop/pre-onboarding/04-DeployAPP-E (develop)
$ docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
aus-ling             latest             5638952b39b3       2 minutes ago      329MB
03-bossraid-e_backend-server  latest             090c3106945b       2 days ago         903MB
myapp                latest             f6951ac7c946       3 days ago         889MB
redis                latest             3534038348b5       5 days ago         117MB
mysql                5.7                36c8819a8130       5 days ago         429MB

hasesu@LAPTOP-CIN6GFV: ~/Desktop/pre-onboarding/04-DeployAPP-E (develop)
$ docker run -d -p 30000:30000 aus-ling
5267494694796971d7c05ae7c1d0a8fbd8870ac193f7a5c8abdFa43227codre

hasesu@LAPTOP-CIN6GFV: ~/Desktop/pre-onboarding/04-DeployAPP-E (develop)
$

```

```

11
12 COPY --from=builder /app ./
13
14 # EXPOSE 30000
15 CMD ["yarn", "startdev"]

```

study Project Admin

Access Level Private Storage used 197.38MB of unlimited

Summary Repositories Members Labels Scanner PGP Preheat Policy Robot Accounts Webhooks

X DELETE PUSH COMMAND

Name	Advisors	Pods	Last Modified Time
study/aus-ling	1	0	7/8/2023 10:27 AM

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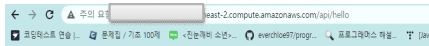
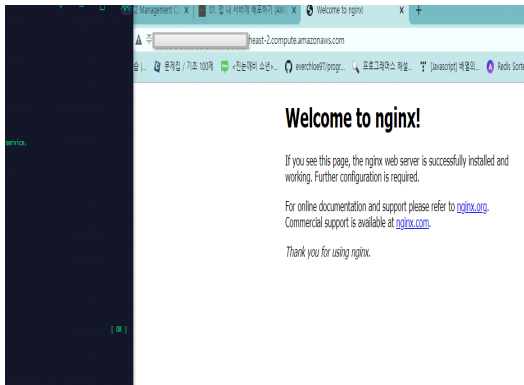
hasesu@LAPTOP-CIN6GFV: ~/Desktop/pre-onboarding/04-DeployAPP-E (develop)

```

$ docker push harbor.secdev.com:study/aus-ling
Using default tag: latest
The push refers to repository (harbor.secdev.com:study/aus-ling)
2870brc3045: Pushed
6ae244e0b08: Pushed
f6ff4ac0f33: Pushed
3a6e0b02d0c: Pushed
7051ab2048c: Pushed
3a6e0b02d0c: Pushed
latest: digest: sha256:5f39e43a6e307011c2388880d57019a5a9e4a0c65a067a
size: 157

```

- \* nginx 기본 접속
- \* docker로 nginx 설정 후 api/hello로 접속



Hello