

* Most Important *

* How to deploy web app online using AWS ?

1) AWS console Login

Root user id password.

2) Services → compute → EC2 → Launch Instance

Quick start

In 6 config sec group.

Add Rule



← Next

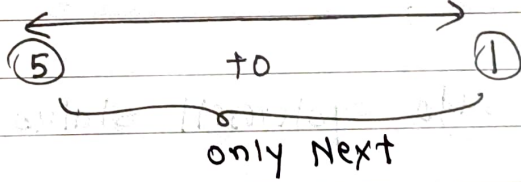
← Next

t2

Next

ubuntu Server

20.04 LTS



Keep SSH same

Add Rule

All traffic

Source anywhere

Review

Launch

Create

New key pair

Type any key pair Name

Download key pair

• pem extension

Launch Instances



id

click

check box select

connect

cmd console open

Next phase

1) `sudo apt update` ↘

To update installed ubuntu.

2) `sudo apt install docker.io` ↘ install docker

3) `sudo docker -v` checked installed docker Version.

~~4) `sudo docker systemctl`~~

4) `sudo systemctl status docker` ↘ Check status of docker enable or not.

5) `Ctrl + C` two times

6) `sudo docker nginx` ↘
 provide container
 provide proxy → reverse
 Webserver
 Web servicing
 caching load balancing

7) `sudo docker run --name mynginx -d -p`

`9000:80 nginx:latest`

↑
Name of nginx server

Run on port

`9000:80`

How to access nginx Webpage.

↑
external port address internal port address

Url instance ip address : 9000
From AWS.

8) `git clone git url project`

9) `ls` list of directory

`webapp`

10) `cd webapp` go to cloned directory

11> sudo docker build -t webapp

docker build procedure started

12> sudo docker run --name mywebapp -d -p

8081:8081 webapp

~~Run / mywebapp~~

13> How to kill using container id

How to get container id → sudo docker ps

sudo docker kill containerid

kill both webapp and nginx

14)

To stop instances

go to AWS Website

Actions → Terminate instances