

Mahima Gurung
8/10/22
DevOps Essentials Assignment

LAUNCHING EC2 INSTANCE

us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstances:

Services Search for services, features, blogs, docs, and more [Option+S] N. Virginia training_account/mahimagurung@lfttechnology.com

You've been opted into the new launch experience. [Find out more](#) about this experience or [send us feedback](#). You can still return to the previous version by opting-out. [Opt out to the old experience](#)

EC2 > Instances > Launch an instance

Success
Successfully initiated launch of instance (i-0b9d46ae80a36f011)

▼ Launch log

Initializing requests	Succeeded
Creating security groups	Succeeded
Creating security group rules	Succeeded
Launch initiation	Succeeded

Next Steps

Get notified of estimated charges
[Create billing alerts](#) to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier)

```
Anitas-MacBook-Air:macosx-universal-64 Mahima$ cd ~
Anitas-MacBook-Air:~ Mahima$ cd Downloads
Anitas-MacBook-Air:Downloads Mahima$ ls | grep MG-key.pem
MG-key.pem
Anitas-MacBook-Air:Downloads Mahima$ ssh -i "MG-key.pem" ubuntu@ec2-54-211-88-104.compute-1.amazonaws.com
Welcome to Ubuntu 22.04 LTS (GNU/Linux 5.15.0-1011-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

System information as of Wed Aug 10 10:07:12 UTC 2022

System load:  0.0               Processes:    99
Usage of /:   19.2% of 7.58GB   Users logged in: 0
Memory usage: 21%              IPv4 address for eth0: 172.31.1.240
Swap usage:   0%

0 updates can be applied immediately.

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

Last login: Wed Aug 10 10:02:44 2022 from 202.51.76.35
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-1-240:~$ ls
ubuntu@ip-172-31-1-240:~$
```

```

ubuntu@ip-172-31-1-240:~$ sudo apt install apache2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils bzip2 libapr1 libaprutil1
  libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.3-0 mailcap mime-support
  ssl-cert
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser
  bzip2-doc
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils bzip2 libapr1 libaprutil1
  libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.3-0 mailcap mime-support
  ssl-cert
0 upgraded, 13 newly installed, 0 to remove and 0 not upgraded.
Need to get 2135 kB of archives.
After this operation, 8486 kB of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libapr1 amd64 1.7.0-8build1 [107 kB]
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libaprutil1 amd64 1.6.1-5ubuntu4 [92.4 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libaprutil1-dbd-sqlite3 amd64 1.6.1-5ubuntu4 [11.3 kB]
Get:4 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libaprutil1-ldap amd64 1.6.1-5ubuntu4 [9162 B]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 liblua5.3-0 amd64 5.3.6-1build1 [140 kB]
Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 apache2-bin amd64 2.4.52-1ubuntu4 [1344 kB]
Get:7 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 apache2-data all 2.4.52-1ubuntu4 [165 kB]
Get:8 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 apache2-utils amd64 2.4.52-1ubuntu4 [88.8 kB]
Get:9 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 mailcap all 3.70+nmu1ubuntu1 [23.8 kB]
Get:10 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 mime-support all 3.66 [3696 B]
Get:11 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 apache2 amd64 2.4.52-1ubuntu4 [97.8 kB]
Get:12 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 bzip2 amd64 1.0.8-5build1 [34.8 kB]
Get:13 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 ssl-cert all 1.1.2 [17.4 kB]
Fetched 2135 kB in 0s (25.0 MB/s)
Preconfiguring packages ...
Selecting previously unselected package libapr1:amd64.
(Reading database ... 63612 files and directories currently installed.)
Preparing to unpack .../00-libapr1_1.7.0-8build1_amd64.deb ...
Unpacking libapr1:amd64 (1.7.0-8build1) ...

```

Commands Used:

- `chmod 400 MG-key.pem`
- `ssh -i "MG-key.pem" ubuntu@ec2-54-211-88-104.compute-1.amazonaws.com`
- `sudo apt install apache2`

DOCKER IMAGES

Description

This repository does not have a description

🕒 Last pushed: 27 minutes ago

Docker commands

To push a new tag to this repository,

```
docker push mahimag2011/devops:tagname
```

Tags and Scans

This repository contains 1 tag(s).

TAG	OS	PULLED	PUSHED
latest		---	27 minutes ago

[See all](#) [Go to Advanced Image Management](#)

Automated Builds

Manually pushing images to Hub? Connect your account to GitHub or Bitbucket to automatically build and tag new images whenever your code is updated, so you can focus your time on creating.

Available with Pro, Team and Business subscriptions.

[Upgrade](#) [Learn more](#)

Readme

Readme description is empty. [Click here to edit](#)

Commands Used:

- `docker build -t vas:dev .`
- `docker run -d -it --rm -p 3001:3000 vas:dev`

- docker login
- docker tag vas:dev mahimag2011/vas
- docker push mahimag2011/vas

COMMON HTTP STATUS CODES

200: OK
201: Created
202: Accepted
203: Non-Authoritative Information
204: No Content
301: Moved Permanently
400: Bad Request
401: Unauthorized
404: Not Found
500: Internal Server Error

FINDING ID'S

Network: 150.10.0.0/16
Broadcast: 150.10.255.255