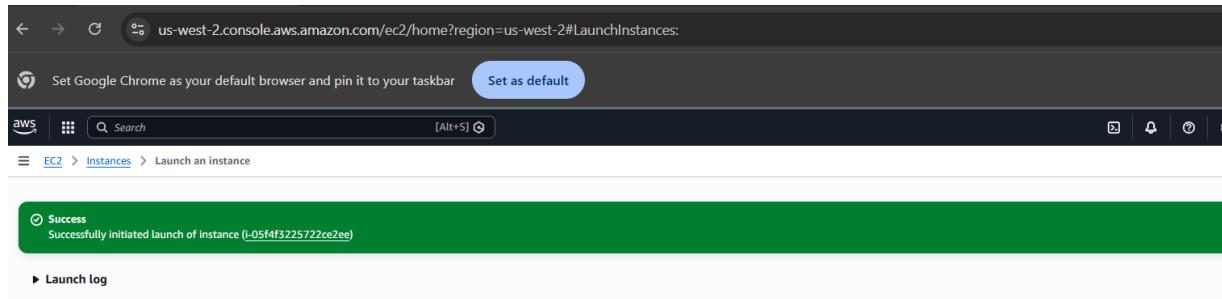


Task Description:

Create a custom docker image for nginx and deploy it using docker compose, where the volume bind mount should be at /var/opt/nginx location. Push the created custom docker image to your docker-hub.



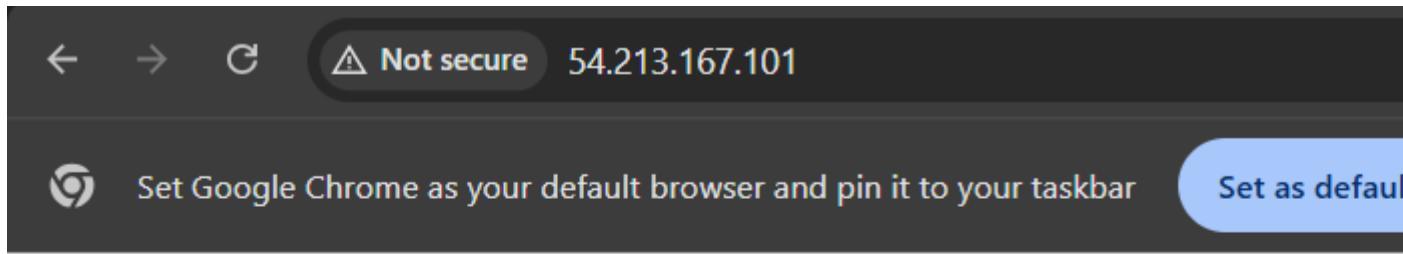
The screenshot shows a browser window for the AWS CloudWatch interface. A green success message at the top states: "Successfully initiated launch of instance (i-05f4ff3225722ce2ee)". Below the message is a link to "Launch log".

```
"/\nLast login: Tue Jan 20 06:16:03 2026 from 18.237.140.164\n[ec2-user@ip-172-31-21-62 ~]$ sudo su -\nLast login: Tue Jan 20 06:16:10 UTC 2026 on pts/1\n[root@ip-172-31-21-62 ~]# ls\nnginx-custom\n[root@ip-172-31-21-62 ~]# cd nginx-custom\n[root@ip-172-31-21-62 nginx-custom]# ls\nDockerfile docker-compose.yml index.html nginx-data
```

```
[root@ip-172-31-21-62 nginx-custom]# cat Dockerfile\nFROM nginx:latest\nCOPY ./index.html /usr/share/nginx/html/index.html\n[root@ip-172-31-21-62 nginx-custom]# cat docker-compose.yml\nversion: '3'\nservices:\n  nginx:\n    image: Vignesh/nginx-custom:1.0\n    ports:\n      - "80:80"\n    volumes:\n      - ./nginx-data:/var/opt/nginx\n[root@ip-172-31-21-62 nginx-custom]# cat index.html\n<!DOCTYPE html>\n<html>\n<head><title>Custom Nginx</title></head>\n<body>\n  <h1>Hello World </h1>\n  <p>This is served from a custom Nginx image.</p>\n</body>\n</html>\n[root@ip-172-31-21-62 nginx-custom]#
```

Docker Image

```
[root@ip-172-31-21-62 nginx-custom]# docker-compose up -d
[+] Running 0/2
  ⚡ Network nginx-custom_default Created
  ⚡ Container nginx-custom-nginx-1 Starting
Error response from daemon: driver failed programming external connectivity on endpoint
nginx-custom-nginx-1 (a4ce8dbcc2ea)
[root@ip-172-31-21-62 nginx-custom]# docker ps
CONTAINER ID        IMAGE               COMMAND                  CREATED             STATUS              PORTS
a4ce8dbcc2ea        Vignesh/nginx-custom:1.0   "/docker-entrypoint..."   3 minutes ago
[root@ip-172-31-21-62 nginx-custom]# cat
```



Hello World 🎉

This is served from a custom Nginx image.

Docker Image pushed to Docker hub

```
[root@ip-172-31-21-62 nginx-custom]# docker ps
CONTAINER ID        IMAGE               COMMAND                  CREATED             STATUS              PORTS
f93f1a98bf2b        wikkics/nginx-custom:1.0   "/docker-entrypoint..."   12 minutes ago
[root@ip-172-31-21-62 nginx-custom]# ^C
[root@ip-172-31-21-62 nginx-custom]# docker tag Vignesh/nginx-custom:1.0 wikkics/nginx-custom:1.0
[root@ip-172-31-21-62 nginx-custom]# docker push wikkics/nginx-custom:1.0
The push refers to repository [docker.io/wikkics/nginx-custom]
89350557b2dd: Pushed
d9d3f8c27ad7: Pushed
4b53e01dba29: Pushed
3b4fce0e490d: Pushed
4c34f6878173: Pushed
547c913b4108: Pushed
e84c0e25063e: Pushed
e50a58335e13: Pushed
1.0: digest: sha256:ea209e900273efb57cf84fce27e61400128aa9b451822d49d27af3e64ed765c
[root@ip-172-31-21-62 nginx-custom]#
```



hub.docker.com/repository/docker/wikkics/nginx-custom/general



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Settings



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Tags

Image Management

Notifications

Billing



Usage



Pulls

Storage

Tags

This repository contains 0 tag(s).

Tag	OS	Type
1.0		Image

[See all](#)

Repository overview INCOMPLIANT

An overview describes what your image does and how to use it. You can add an overview to your repository once you have pushed some tags.

[Add overview](#)

