

Cloud Deployment (Google Cloud Platform) _ 20DEC004_Divyansh Bansal :

Accessible Endpoint IP Address -> <http://34.68.254.225/>

Steps Procedure Used :

1. Compute Engine -> VM instances
2. VM a name, like devops-docker-app, us-central1-f, e2-micro, Ubuntu, Allow HTTP traffic and Allow HTTPS traffic
3. Open SSH
4. sudo apt update
5. sudo apt install -y docker.io
6. sudo systemctl start docker -> sudo systemctl enable docker
7. docker --version
8. sudo curl -L "[https://github.com/docker/compose/releases/download/1.29.2/docker-compose-\\$\(uname -s\)-\\$\(uname -m\)](https://github.com/docker/compose/releases/download/1.29.2/docker-compose-$(uname -s)-$(uname -m))" -o /usr/local/bin/docker-compose
9. sudo chmod +x /usr/local/bin/docker-compose
10. docker-compose --version
11. open new ssh
12. click upload file and upload project zip file
13. unzip devops-internship-challenge.zip -d ~/app
14. cd ~/app
15. ls (to verify)
16. cat docker-compose.yaml
17. cd ~/app/nginx -> sudo docker build -t local-nginx .
18. cd ~/app/Python -> sudo docker build -t local-python-app .
19. cd ~/app
20. sudo docker-compose up -d
21. sudo docker-compose ps (to check the status)
22. Accessible Endpoint: External IP address : <http://34.68.254.225/>