Final Project

DEPI_1_CAI1_ISS4_G1e AWS Cloud
Solution Admin & Architect

Introduced by:
Mohamed Kababi
Tarek Elkabany

Project Objectives:

- Create Network Environment with Infrastructure as a Code.
- Host your web app on EC2 or using micro services.
- Store App static content on external storage not on EBS.
- Monitoring your servers with integrated notifications while metrics exceed specific limit.
- Automatic remediation if web service disabled.
- Noted that the environment must be [Secure - Highly Available - Scalable - Disaster Recovery needed].
- Design your Architecture on Draw IO.
- Documentation your steps.

Additional Projects:

- Enable Redirection on Load balancer from HTTP to HTTPS.
- Mount S3 on EC2.
- Use API Gateway to view image on S3.