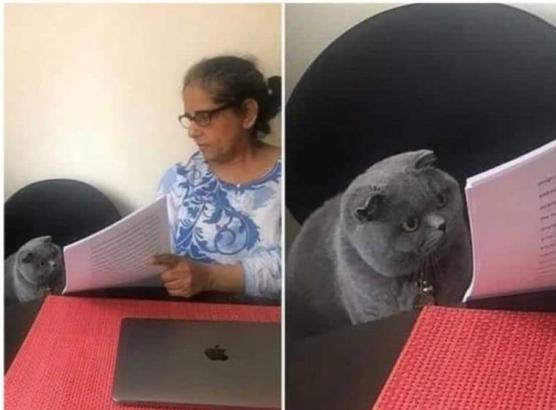


Session - 5

Deploy ON Ecs

Jan 12, 2024

My manager showing me the code I wrote that took down the whole website



When you forget to turn off your AWS instance and receive your AWS bill



AGENDA

- Brief Overview of Aws
- To get our hands dirty →
 - Deploy on EC2
 - Deploy on ECS

AWS

- Deploy
 - Containerize → need an online server/computer
 - Some Sample Companys → rent your computer
- ① AWS → has massive data centre throughout the world
 - ② Azure →
 - ③ GCP
 - ④ Digital Ocean
 - ⑤ Heroku ...
 - ⑥ IBM
 - ⑦ Oracle ...
- UI/Interface
-
- The diagram consists of three stacked rectangular boxes. The top box is labeled 'Server' and the bottom box is labeled 'DB'. A third box, labeled 'GPU', is positioned to the right of the bottom box. An orange arrow points from the left towards the top box.

AWS → Startups → AWS
\$ 100k Free
Credits

① EC2

Elastic Compute Cloud
EC2

instance/server

②

SE → HDD/SSD

Storage

store
data
online

③

ECS

④

ECR

⑤

Sagemaker

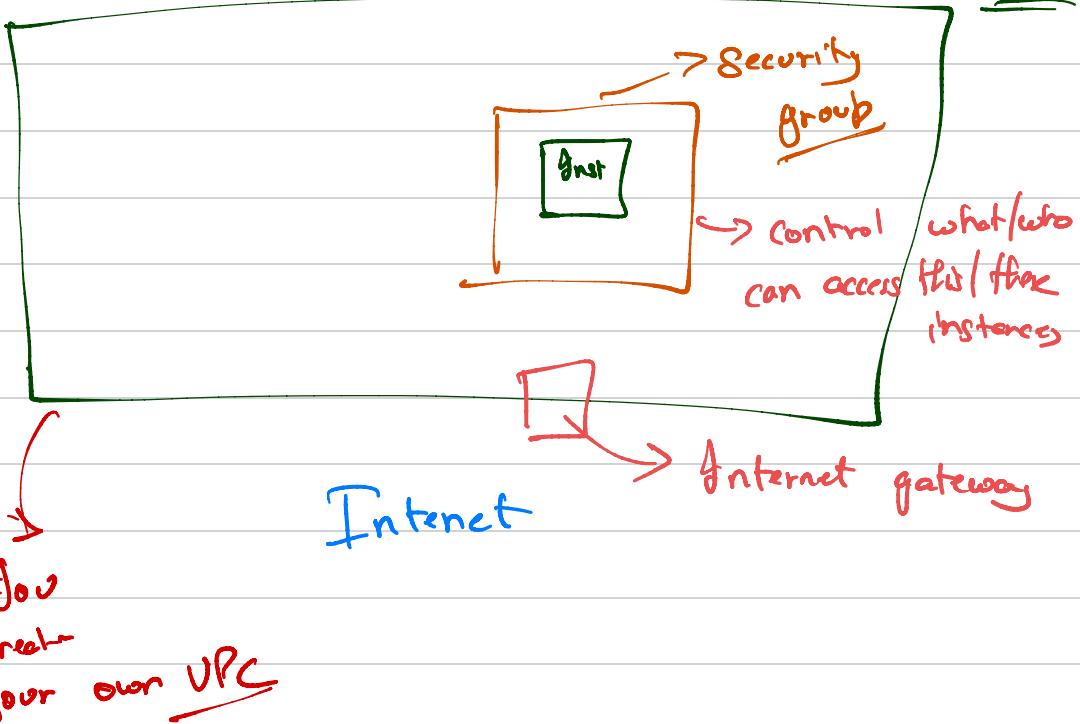
⑥

EMR → SPark / Hadoop

E C2

→ just AWS

VPC → Virtual Private Cloud



Flipkart big-billion day collapse.

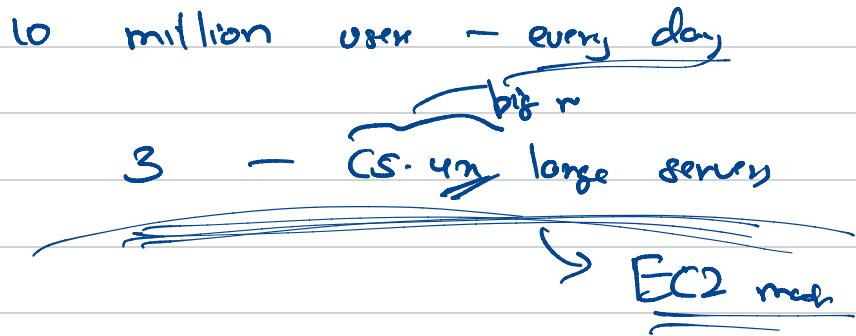
ECS

→ Elastic Container Service

horizontal scaling → inc no of servers

vertical li. → inc size of the server.

With ECS → don't worry about horizontal / vertical scaling.



→ ECR → Elastic Container Registry

- ① Push your image to ECR
- Deploy on ECs

