Agenda.

→ Manged Infra

→ Elastic Beanstalk.

→ Relational Database from AWS.

⇒ Deploy ProductService along with its Database on AWS.

⇒ Directly deploy on EC2

→ Create EC2 instances.

→ Increase/Decrease in # of m/c

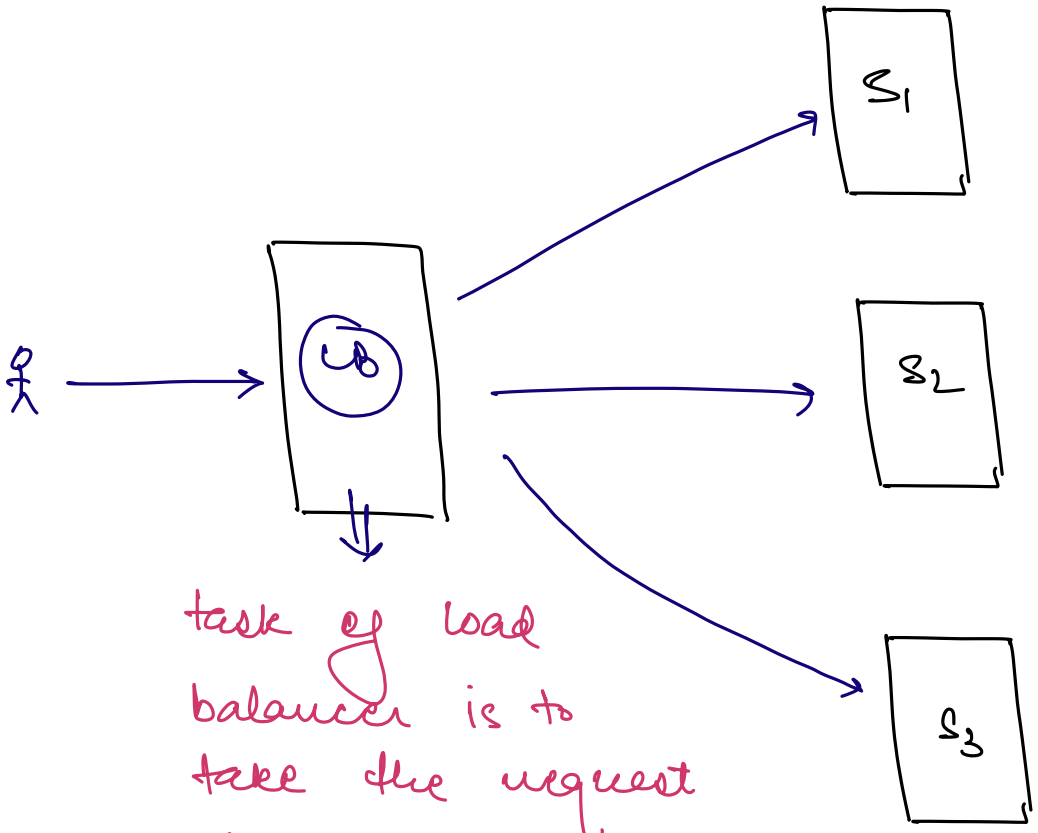
→ Downtime

→ Deployment

→ Monitor

Elastic Beanstalk : Manager of our app" deployment.

⇒ It brings multiple services of AWS together which are required to deploy/maintain/monitor our app". which reduces the amount of work that we need to do.



task of load balancer is to take the request from the user and send it to one of the server.

⇒ Manage the load uniformly across the machines.

⇒ Auto Scaling

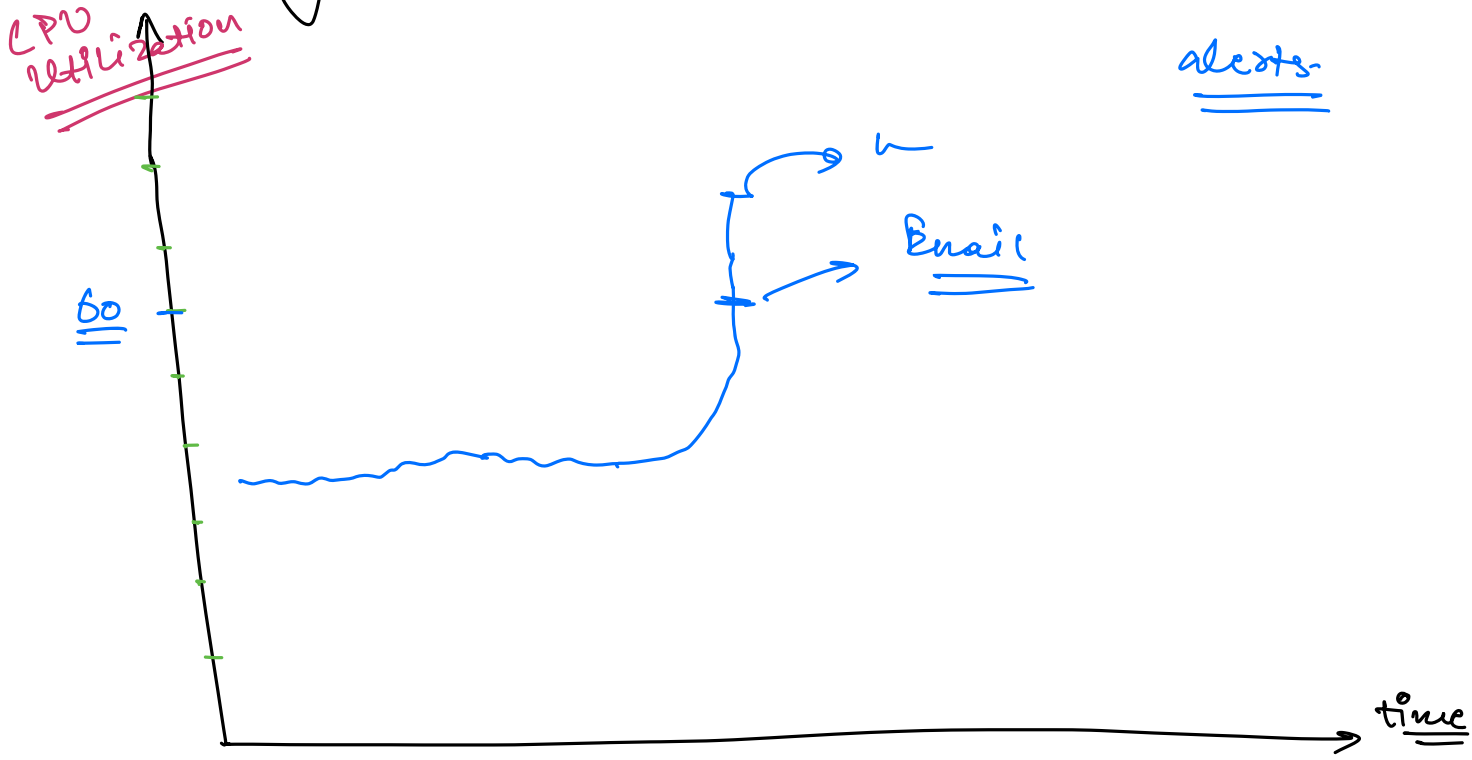
Increasing / Decreasing the # of servers based on the traffic

- # of requests
- CPU Utilization
- latency
- Memory usage.

⇒ Monitoring.

CPU Utilization.

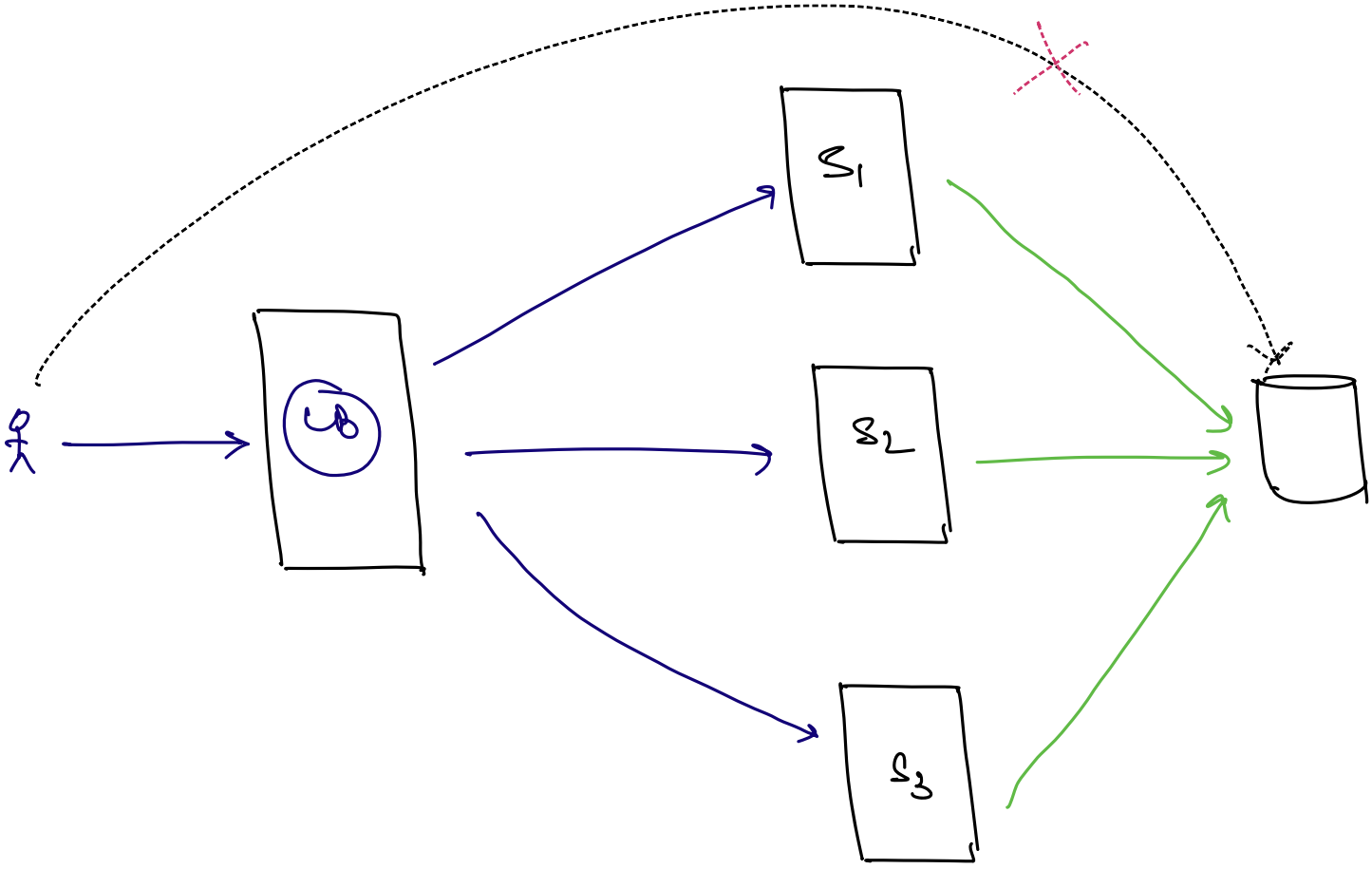
alerts.

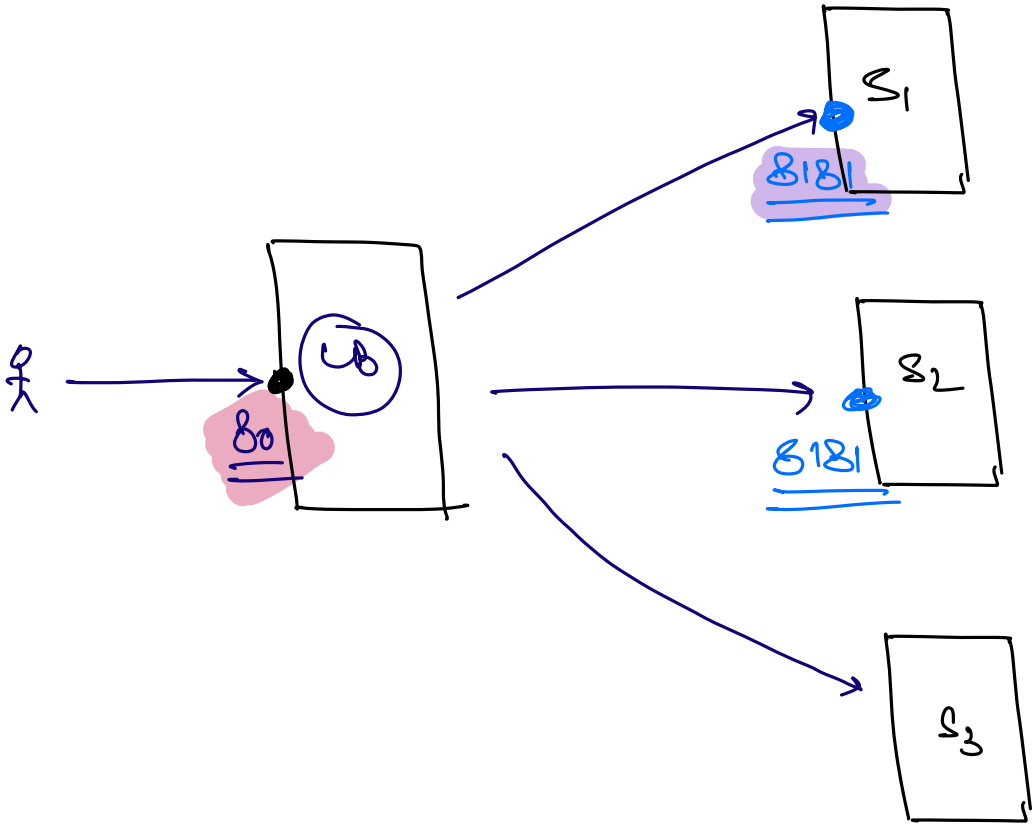


⇒ Managed Database Service.

⇒ RDS.

Relational Database Service.





Install UserService & ProductService on EBS.