

Lambda.

→ It is a Compute Service where you can upload your code and create a lambda function.

1) Event Driven

2) Run code in response to HTTP requests.

→ Scales automatically

→ C#, Python, Go, NodeJS Runtimes.

Triggers → API gateway

→ IOT

→ Alexa Skills Kit

→ Smart Home

→ CloudFront

→ Cloudwatch logs, event.

→ CodeCommit

→ Cognito

→ Kinesis

→ S3

→ SNS

- every request invokes a new lambda function.
- Priced by number of requests.
Priced by Duration.
- Function Can't run more than five minutes.
- AWS X-ray allows you to debug.
- Lambda Can do things globally, Can back up S3 to other S3 buckets.
- Simple Microservice Permission.
- Roles Can be assigned to EC2 instances even after they are Provisioned.
- EFS Can Support thousands of Concurrent NFS Connections.