What Is Lambda?

It is abstraction of following layers

- Data Centres

-Hardware

-Assembly Code/Protocols

-High level Languages

-Operating Systems

-Application Layer/AWS APIs

-AWS Lambda

-AWS Lambda is a compute service where you can upload your code and create a Lambda Function. AWS Lambda takes care of Provisioning and managing the servers that you use to run the code. You don’t have to worry about operating systems,patching,scaling, etc.

-Common Uses of Lambda

- As a event-driven compute service where AWS Lambda runs your code in response to events.

These events could be changes to data in an Amazon S3 Bucket or an Amazon DynamoDB table.

- As a compute service to run your code in response to HTTP requests using Amazon API Gateway or API calls made using AWS SDKs.

- What Languages Does Lambda Support ?

- Node.js

- Java

- Python

- C#

- Go

- PowerShell

- ruby

- pearl

Why Lambda is Famous and Cool ?

- No Servers!!!

- Countinous Scaling

- Super Super Cheap…….

Lambda Exam Tips

- Lambda Scales out (not up) automatically

- Lambda Functions are independant, 1 event = 1 function

-Lambda is Serverless!

- Know what services are serverless