**Lambda Function**

what we have in lambda?

1.Function

2.Triggers

3.Runtime

4.Layers

5.Destination

6.General configuration

7.Event configuration

8.Execution Environment

9.Permissions and IAM Roles

10.Monitoring and Logging

* lambda function is used for Automation.
* In lambda max memory storage is 10 GB and min memory storage is 128 MB.
* The default memory storage in AWS Lambda is 512 MB
* In lambda function for one function we have max 5 layers.
* In lambda the storage size for each layer is 50 MB.
* In lambda maximum time 15 mins.
* lambda default time is 3 sec.
* lambda minimum time is 1 sec.
* In lambda runtime is the execution environment or the software stack in which your code runs on AWS. example python, node.js, java, ruby, PowerShell…
* In lambda at least one event handler must have.
* In lambda there are two types of layers we have 1.runtime layer, 2.custom layer.
* In lambda directly we can upload zip package into layers or we can store the zip package into s3 and provide the link to the layer.