#AWS Lambda:

云计算服务一部分，事件驱动，无服务器的一部分

1. Execution:

Memory allocation: 128M-10GB

Maximum execution time: 900 seconds

Environment variables(4KB)

1. Deployment:
2. Lambda Function….

If the workload it too big, lambda is not a right way to run.

#Lambad@Edge

Deploy lambda functions alongside your cloudfront CDN

Graphical user interface, application

Description automatically generated

Whenever you need to interger a Lambda function with your cloudfront, distribution to modify these four kinds of request wo see.

Viewer request

Origin request

Origin response

Viewer response

#DynamoDB

NoSQL database – not a relational database

Read Capacity Units (RCU)

Write Capacity Units（WCU）

#Dynamo DB- Other features

1. Global Tables( cross region replication)

Planned capacity : provision WCU & RCU, can enable auto scaling

On-demand capacity : get unlimited WCU & RCU, no throttle, more expensive

#Custom Authorizers =. Lambda Authorizer

Graphical user interface, text, application

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#AWS Cognito

Amazon Cognito 为您的Web 和移动应用程序提供身份验证、授权和用户管理。

#AWS Cognito Sync

Deprecated – use AWS AppSync now

Requires Federated Identity Pool in Cognito

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A DynamoDB Accelerator (DAX) cluster is a cache that fronts your DynamoDB tables and caches the most frequently read values. They help offload the heavy reads on hot keys off of DynamoDB itself, hence preventing the ProvisionedThroughputExceededException

Graphical user interface, text, application

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Diagram

Description automatically generated with medium confidence

Text

Description automatically generated