



**BATCH : BATCH 107**  
**LESSON : AWS**  
**DATE : 20.03.2023**  
**SUBJECT : AWS Lambda-API Gateway**



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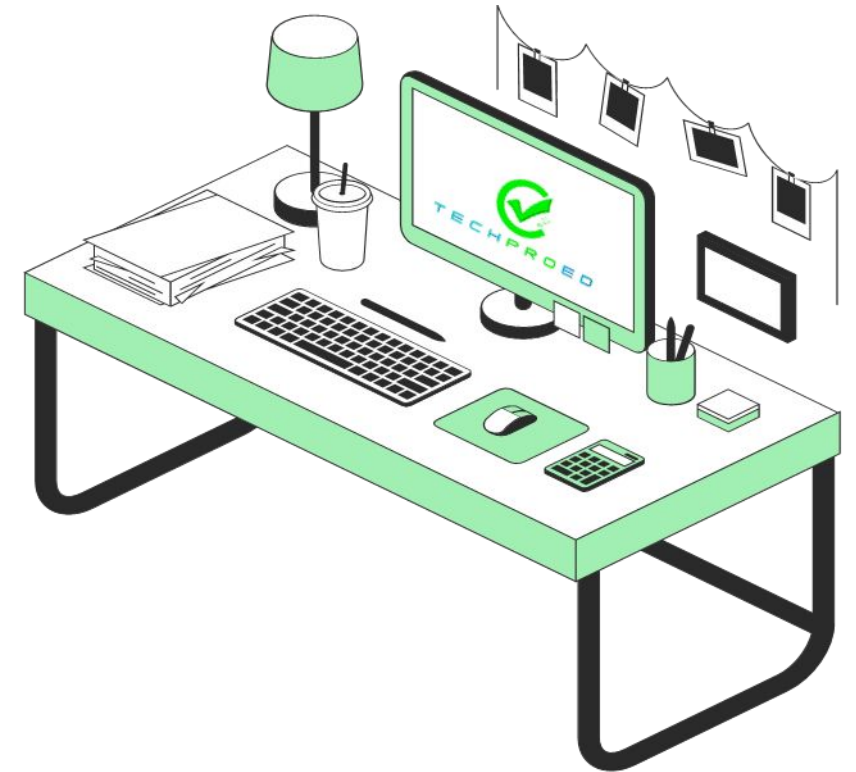
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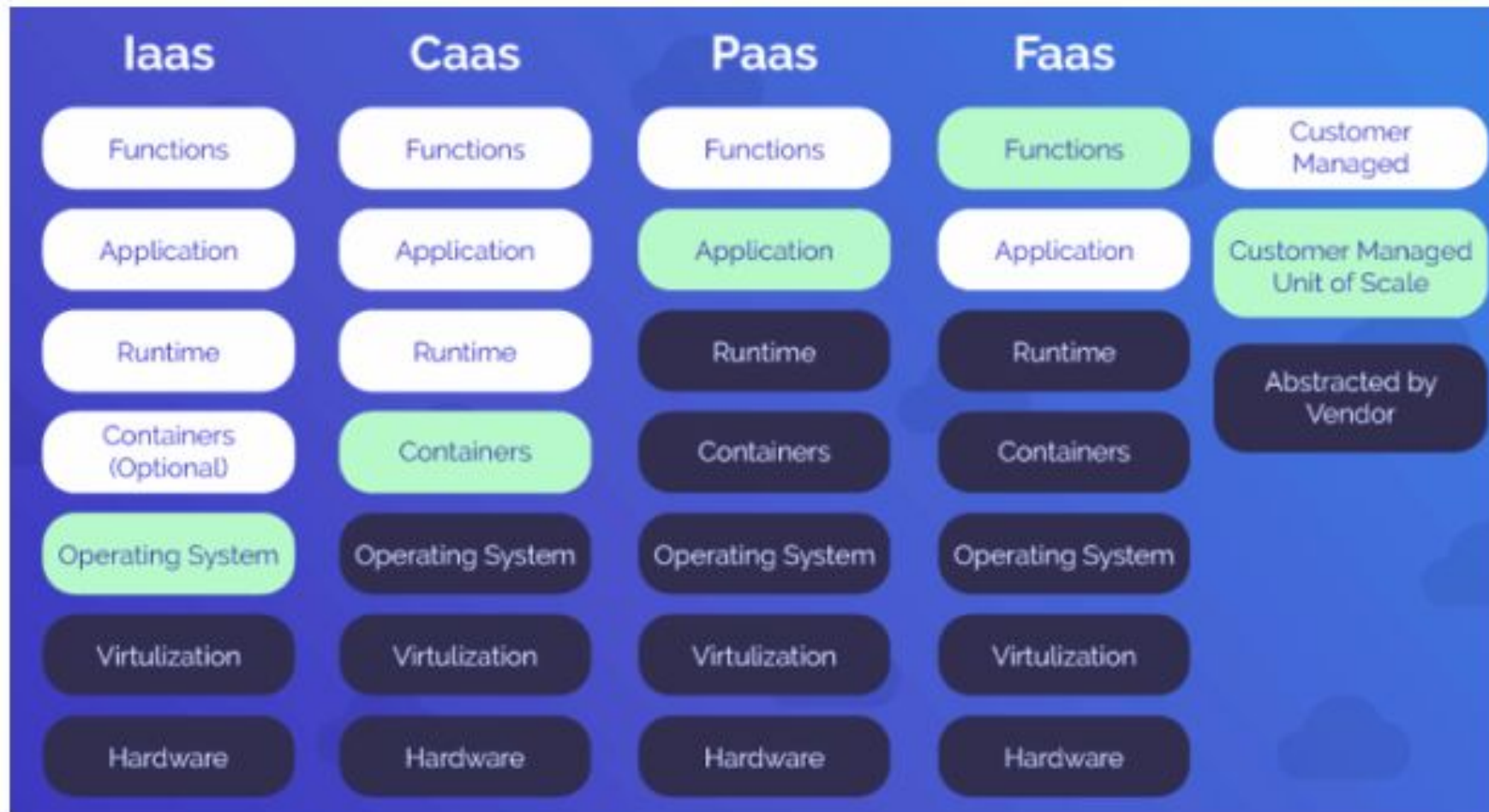


# AWS Lambda





# Serverless-Function as a Service (FaaS)







# Serverless-Function as a Service (FaaS)

## Compute



AWS Lambda

## Messaging



Amazon SQS

## Integration



Amazon  
API Gateway

## Security



Amazon  
Cognito

## Monitoring



Amazon  
Cloudwatch

## Database



Amazon  
DynamoDB

## Analytics



Amazon  
Kinesis



AWS Fargate



Amazon SNS



AWS Step  
Functions



AWS Key  
Management  
Service



Amazon  
Quickstart



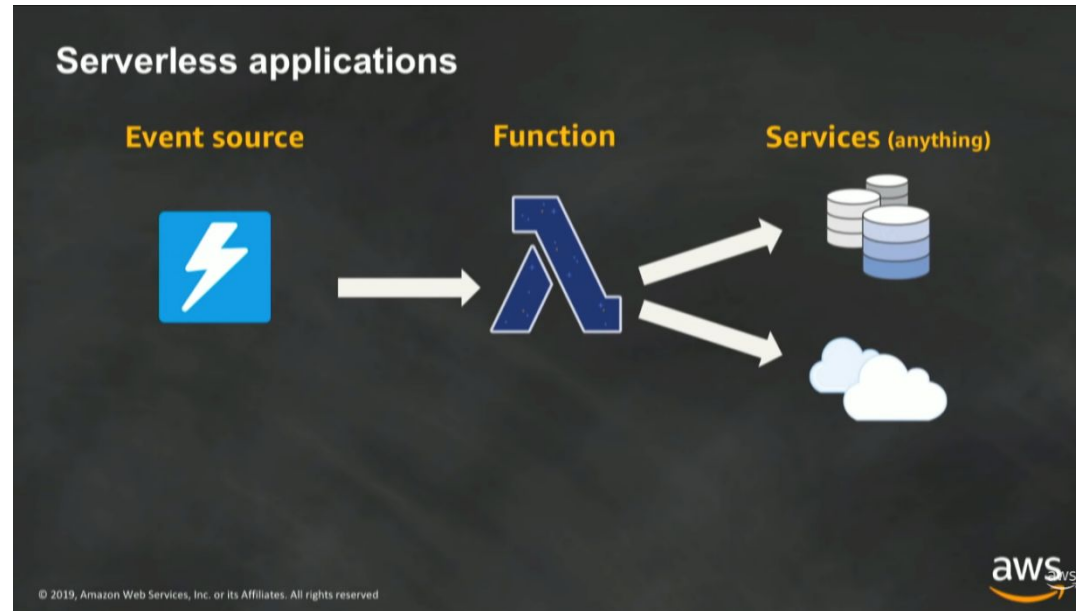
Amazon  
Aurora



Amazon  
Athena



# What is Lambda ?

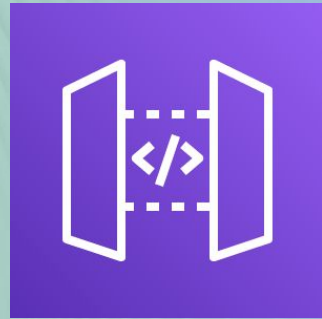


- ✓ AWS Lambda is a serverless compute service that runs your code in response to events and automatically manages the underlying computing resources for you.
- ✓ Instead of launching an EC2 instance to run your code on it, you can just deploy your code in Lambda services and you can get the same result. AWS Lambda lets you run code without provisioning or managing servers.



# How does Lambda work?





# AWS API Gateway





# What is API Gateway?

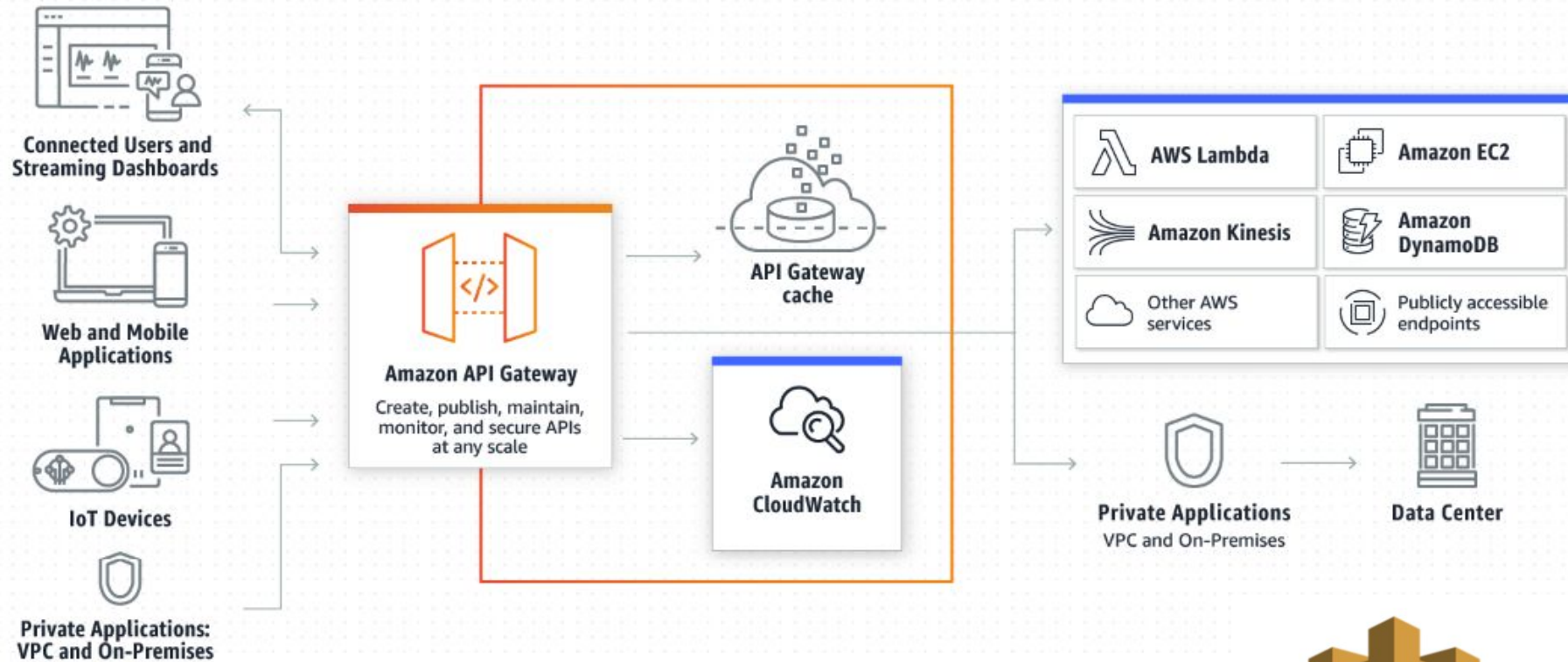
- Amazon API Gateway is an AWS service that enables you to create, publish, maintain, monitor, and secure your own REST and WebSocket APIs at any scale.







# What is API Gateway?



**Amazon API  
Gateway**

+



**Lambda  
function**

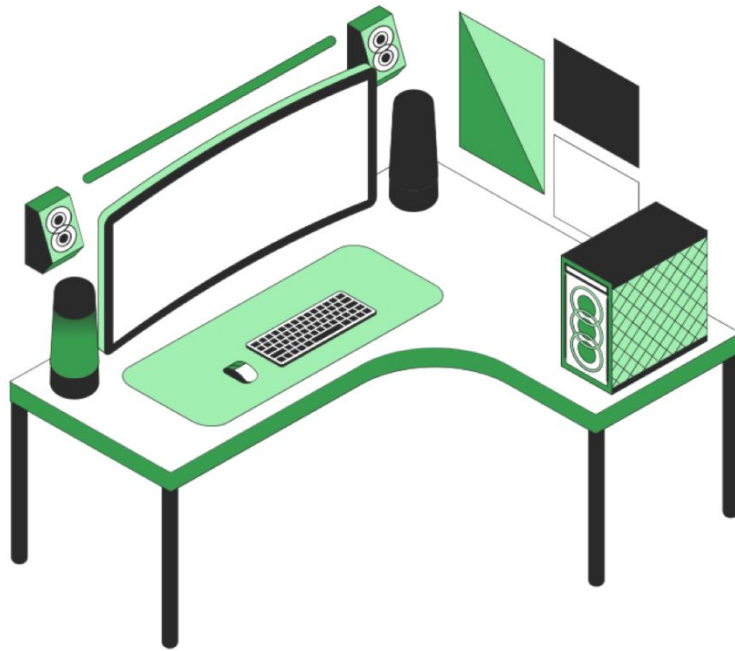


# What is API Gateway?



API Gateway

- Amazon API Gateway is an AWS service for creating, publishing, maintaining, monitoring, and securing REST, HTTP, and WebSocket APIs at any scale.
- Amazon API Gateway offers 3 options to create RESTful APIs, HTTP APIs, REST APIs, and WebSocket APIs.
  - ✓ HTTP API
  - ✓ REST API
  - ✓ WebSocket



Do you  
have any  
questions?

Send it to us! We hope you learned  
something new.