



Serverless Architecture

AWS Lambda

About me



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Skills & Services

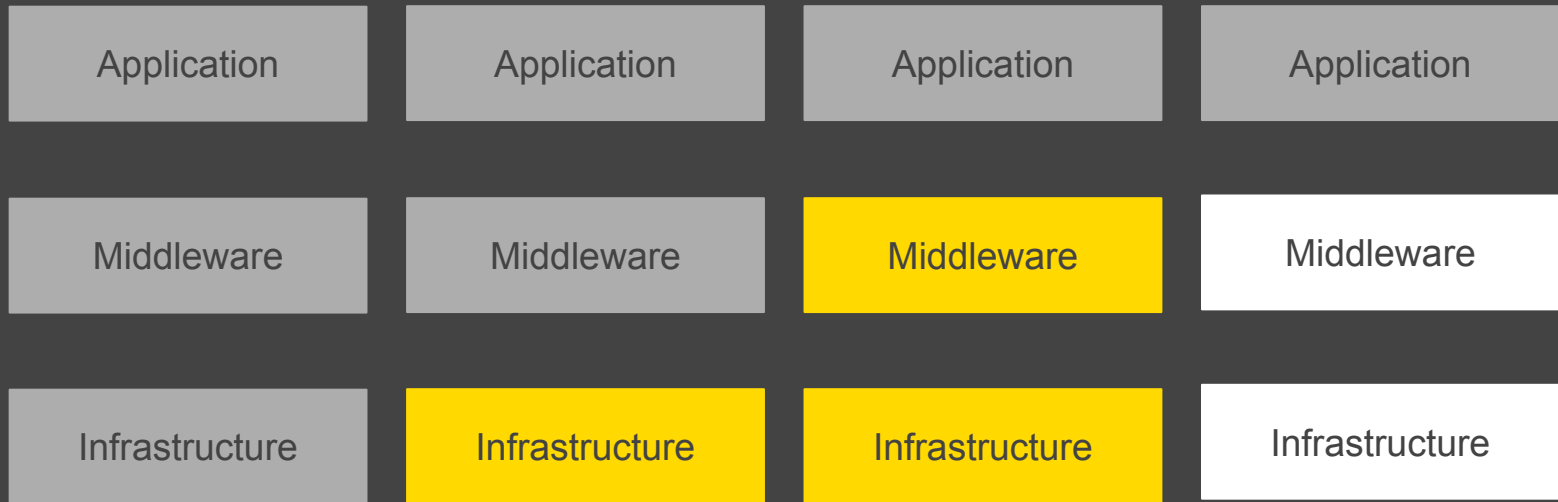
#CloudComputing
#WebDevelopment
#DevOps
#ContinuousEverything



“

*Serverless Architecture
is the next evolution of
Cloud Computing*

Evolution of Cloud Computing




provided as a service



managed by provider

Serverless Computing

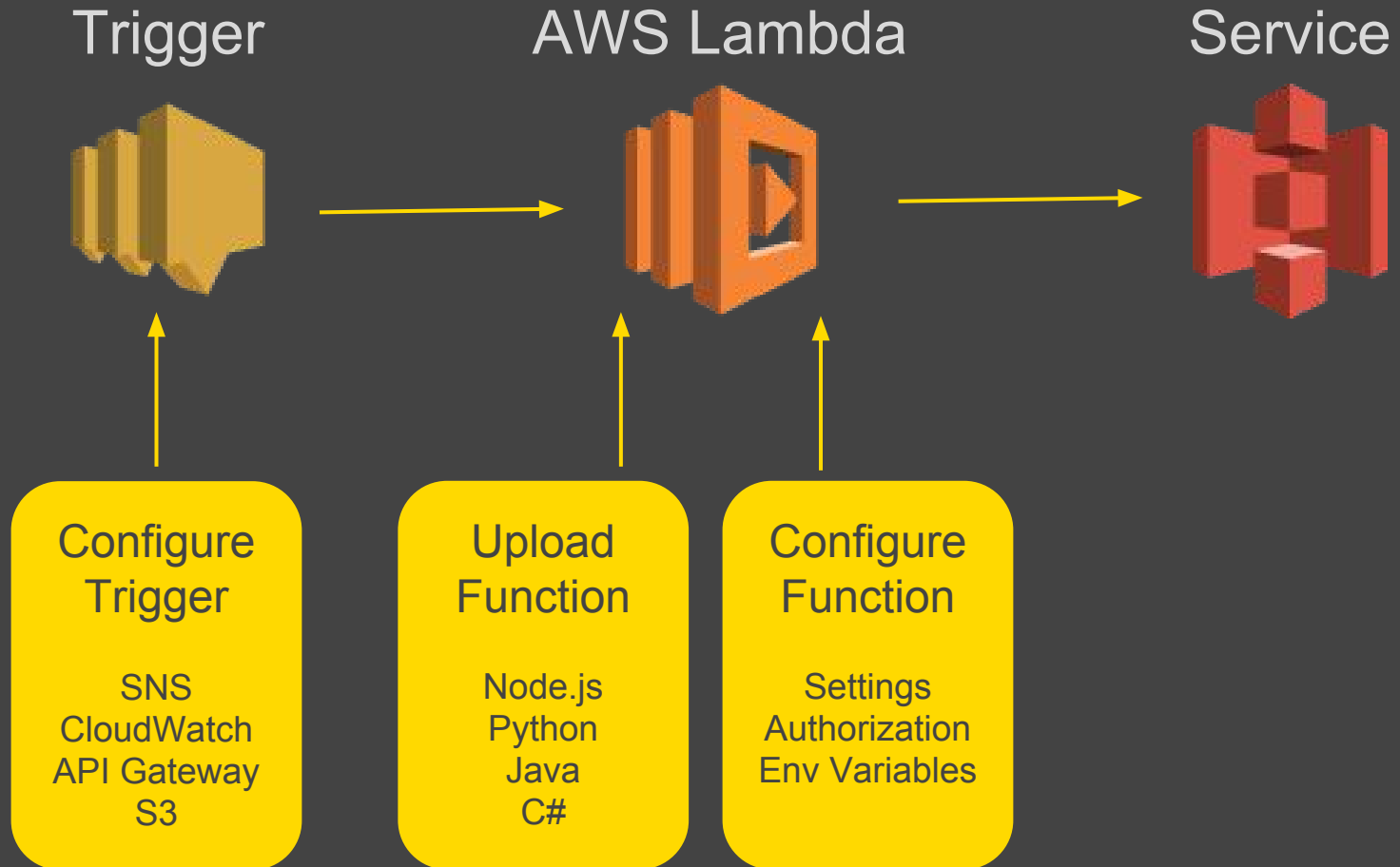
Yes! There are servers in serverless computing, but ...

- cloud provider takes care of
- 
- provisioning, server management
 - high availability, auto scaling
 - built-in fault tolerance
 - logging, monitoring

Your responsibilities are only to ...

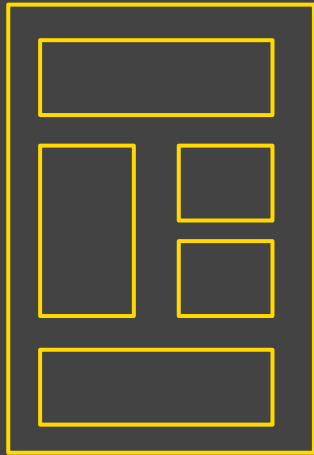
- create and provide the coding of your functions
- pay for usage of functions, no pay for idle time

AWS Lambda

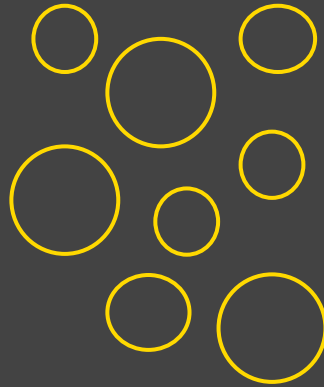


Serverless Architecture

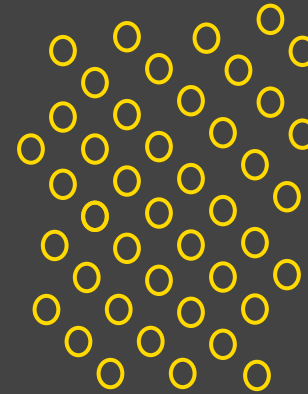
distributed architecture on steroids



monolith



microservices



serverless

Function-as-a-Service (FaaS)

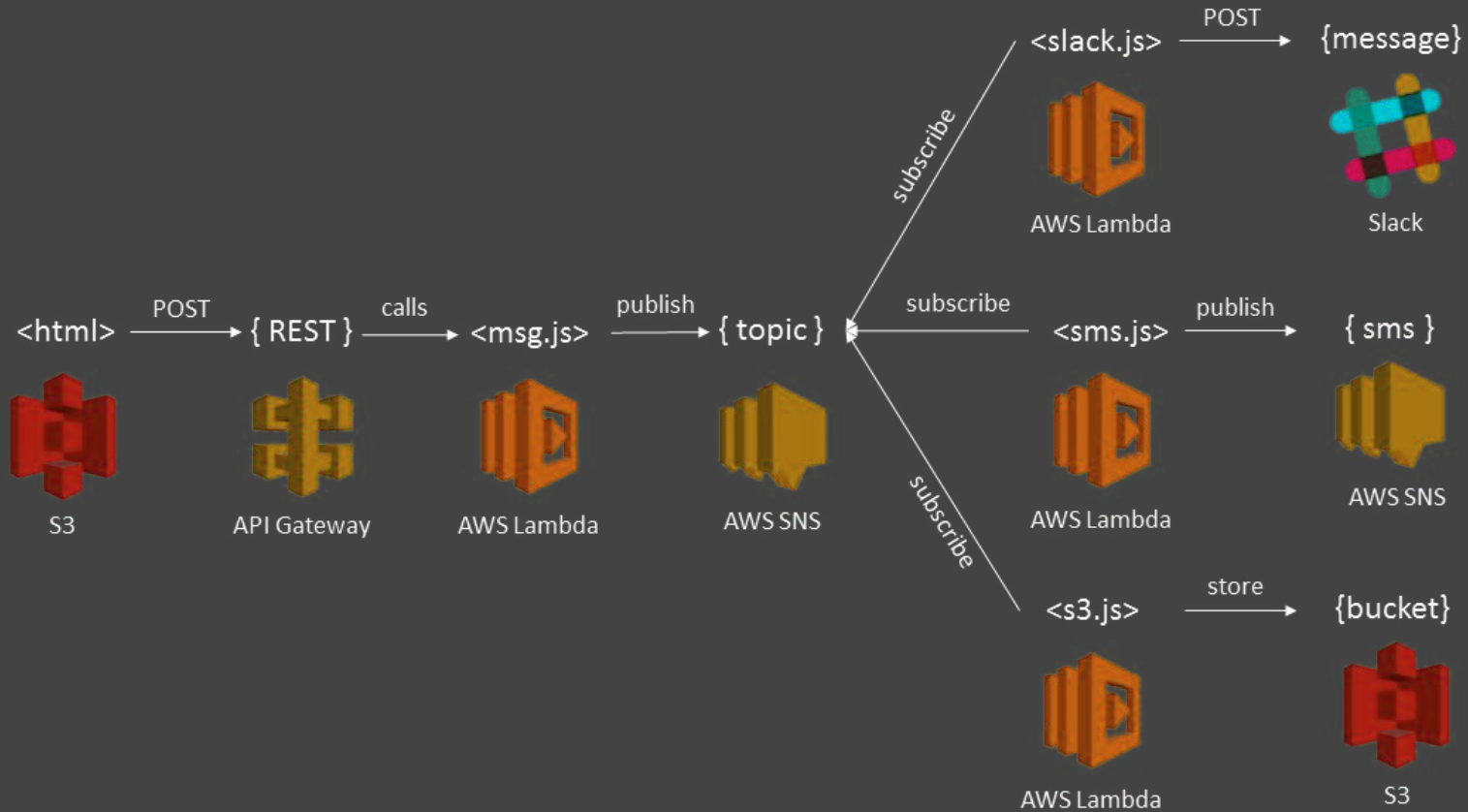
Characteristics

- functions are stateless
- execution time of a function is limited
- invocation of a function is event driven
- extensive usage of SaaS or BaaS services

Use Cases

- scheduled tasks / jobs
- isolated asynchronous tasks (file uploads)
- web requests, IoT backend
- stream processing
- continuous everything events

Live Demo





Thank You!

Questions?