



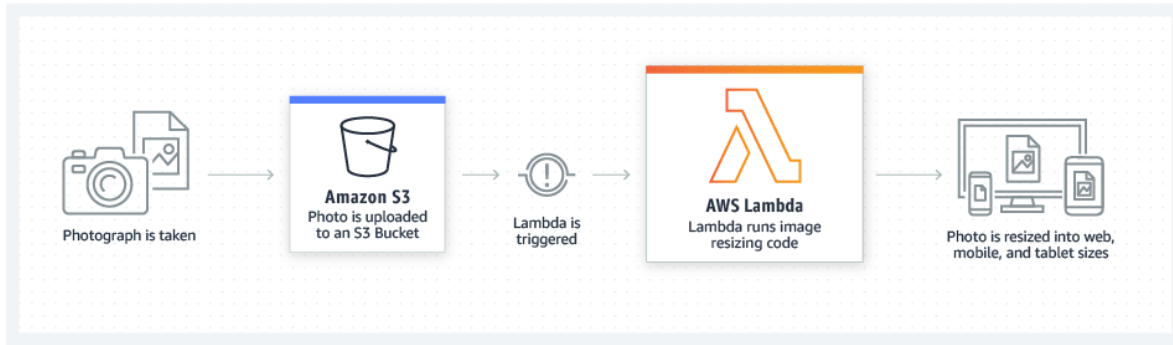
Instituto Tecnológico de Cancún

❖ Fundamentos de Telecomunicaciones

*Conejo Erosa
Jesús Gustavo*

AWS

AWS Lambda is a computing service that allows you to run code without provisioning or managing servers. You can also create serverless applications composed of event-triggered functions and deploy them automatically using CodePipeline and CodeBuild.



With Lambda, you can run code for almost any type of application or backend service without having to perform administration tasks. Just upload your code and Lambda will take care of everything you need to run and scale your code with high availability. You can configure your code to activate automatically from other AWS services, or you can call it directly from any web or mobile application.

Lambda supports the following runtime environments:

Node.js: v8.10 and v6.10

Java 8

Python: 3.6 and 2.7

.NET Core: 1.0.1 and 2.0

Go 1.x

Ruby 2.5

Rust

VPC gives you the security of a private cloud, with the agility and ease of a public cloud. You can manage network services and start the instances you need to support your critical, cloud-tolerant, and cloud-native applications.

Key features available:

Create and manage isolated application environments through an API

Define your own network policies designed for greater security and convenient access

Design network topologies with BYOIP (bring your own IP)

Provision your resources and connect them to each other, or isolate them from each other

Cover multiple regions for failure recovery and resiliency

Use Availability Zones that allow high-speed, low-latency connections between regions, with high availability

Use high-speed networks and storage devices

Allow always-on services (control plane)

Provide and use the main services: IPAM, VPN, firewall, SSH, DNS and L4 load balancing

