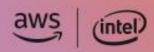
AWSOME DAY ONLINE CONFERENCE | 19.03.20



Course goals

Goals

- Value proposition
- Global infrastructure
- Key services
- Security and compliance
- Architecture
- Pricing
- Support

Audience

- Sales
- Legal
- Marketing
- Business analysts
- Project managers
- Other IT-related professionals

Course modules

- Introduction to the AWS Cloud
- 2. Getting started with the cloud
- 3. Building in the cloud
- 4. Secure your cloud applications
- 5. Support your cloud applications
- 6. Architecture



Module 1: Introduction to the AWS Cloud

Isabel Huerga Ayza
Sr. Technical Account Manager
AWS

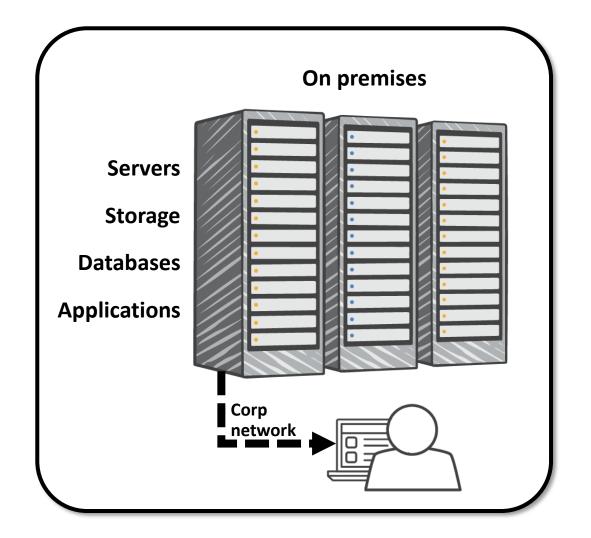


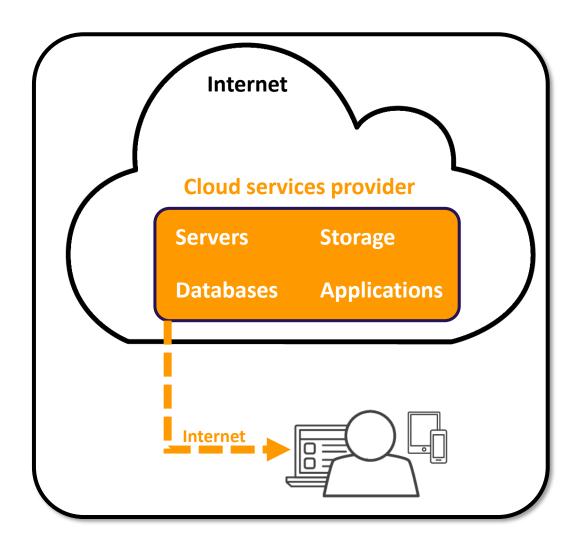
Module goals

- Define the cloud
- Compare cloud vs on premises
- State the benefits of the AWS Cloud
- Identify AWS service categories
- Describe AWS physical architecture
- Interact with AWS

What is the AWS Cloud?

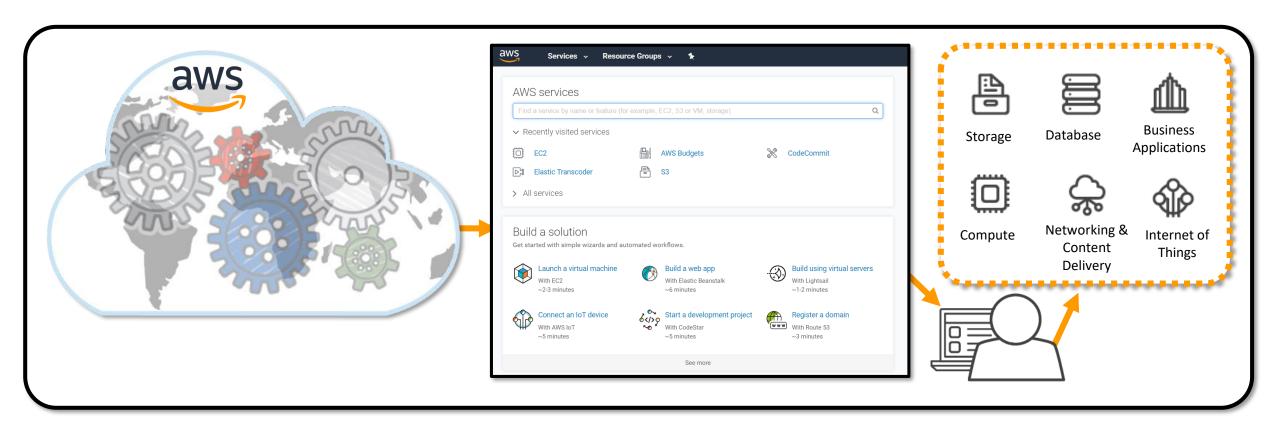
What is the cloud?



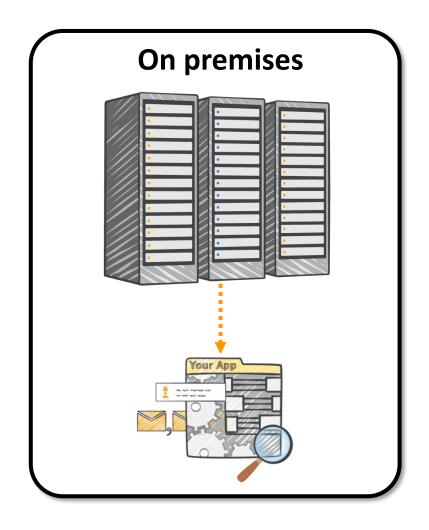


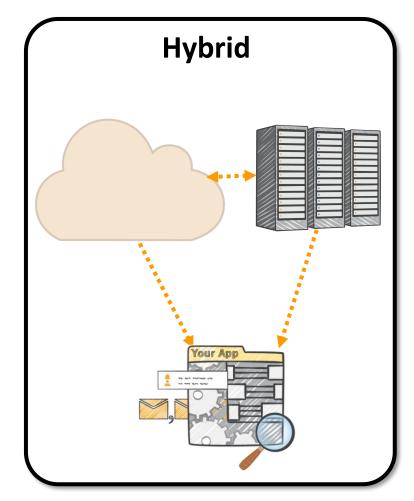
How does it work?

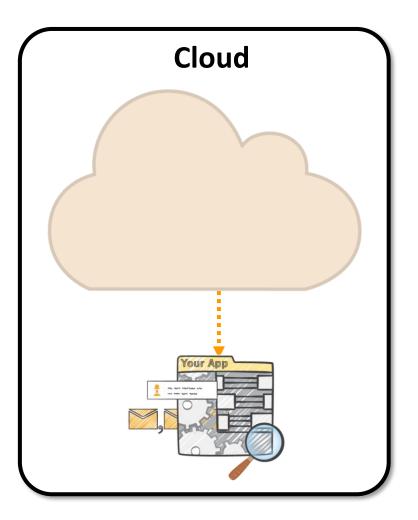
- AWS owns and maintains the network-connected hardware
- You provision and use what you need



Cloud deployment models

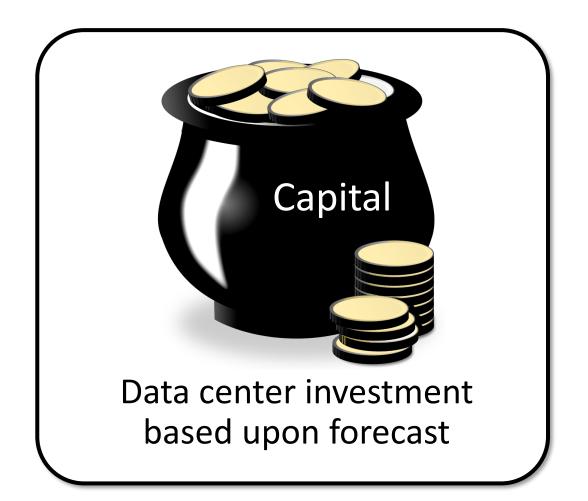






What are the benefits of the AWS Cloud?

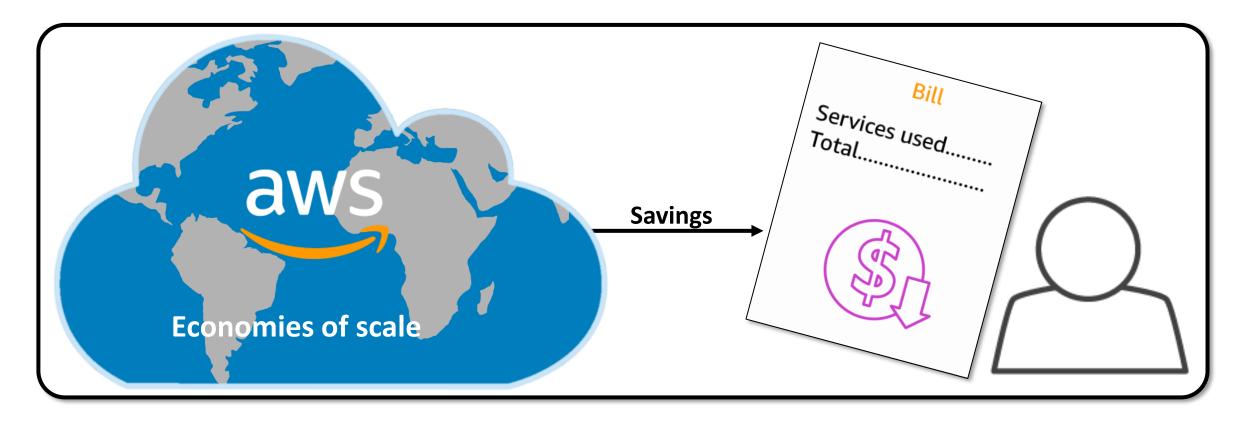
Trade capital expense for variable expense



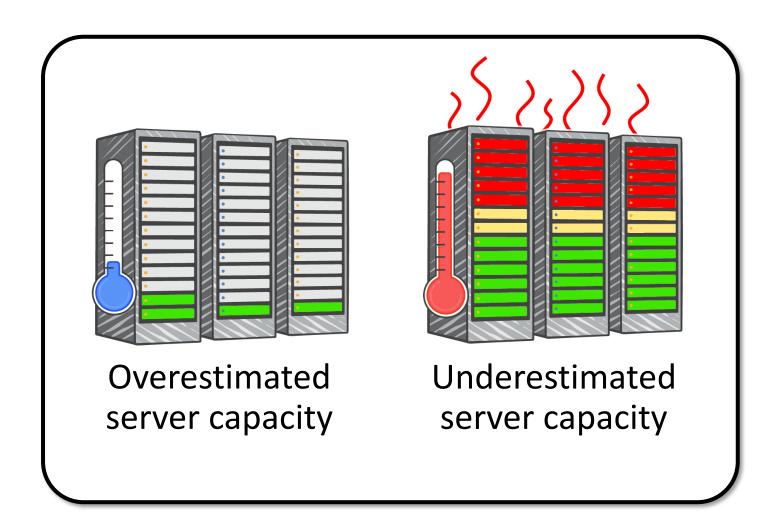


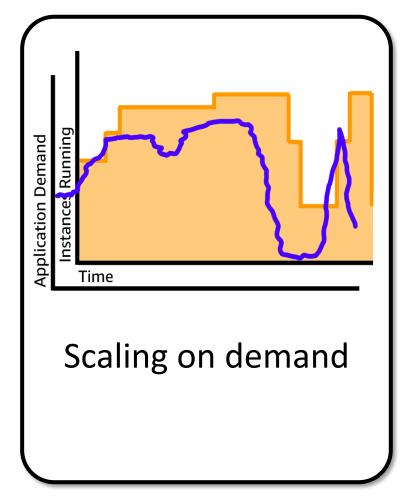
Massive economies of scale

Because of aggregate usage from all customers, AWS can achieve higher economies of scale and pass savings on to customers



Stop guessing capacity



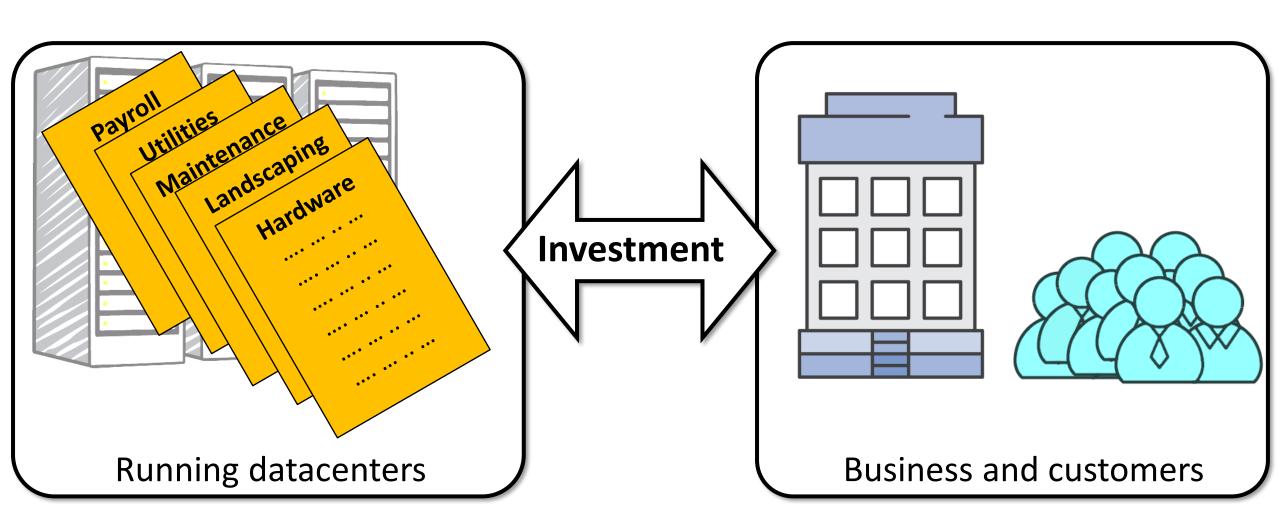


Increase speed and agility

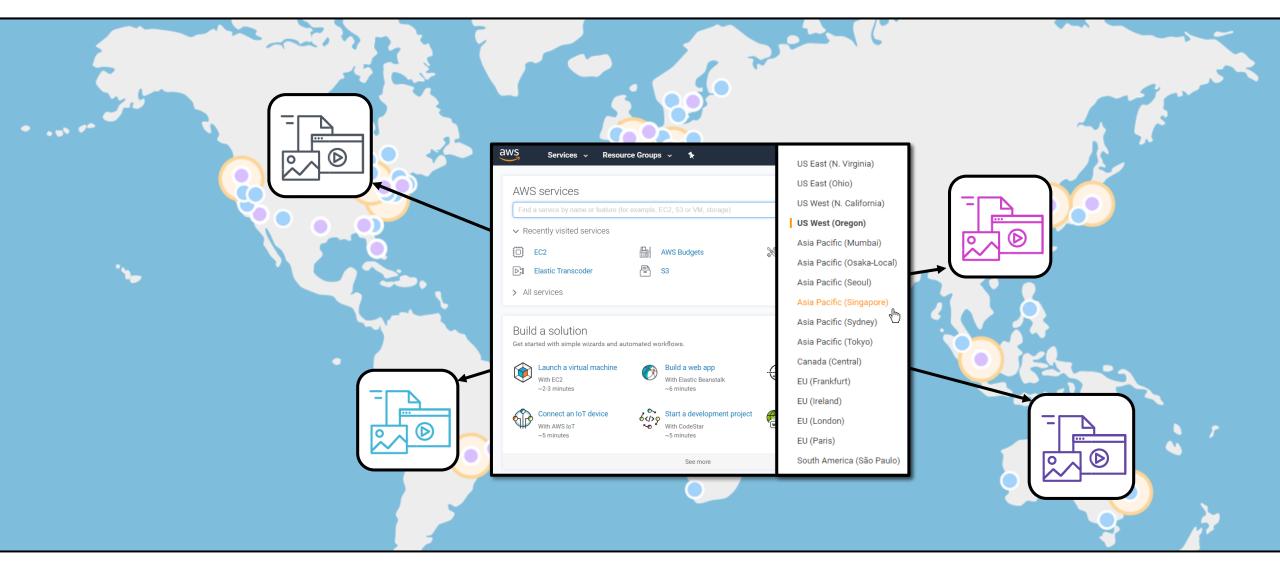




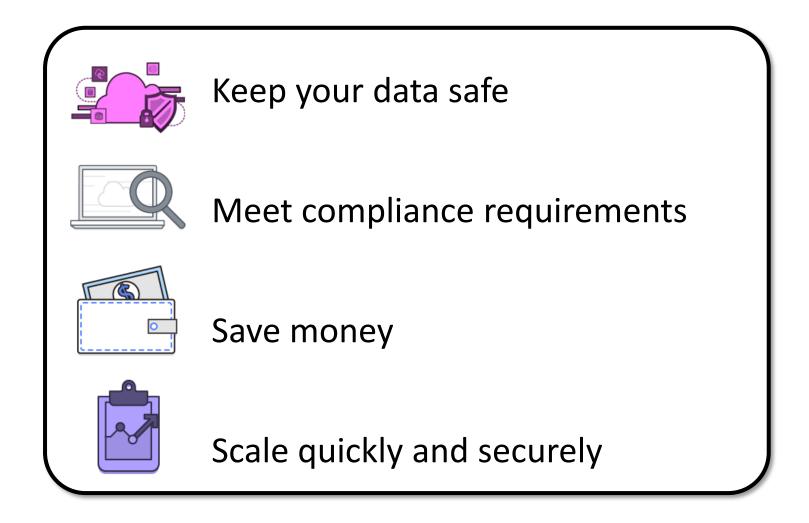
Stop spending money on running and maintaining datacenters



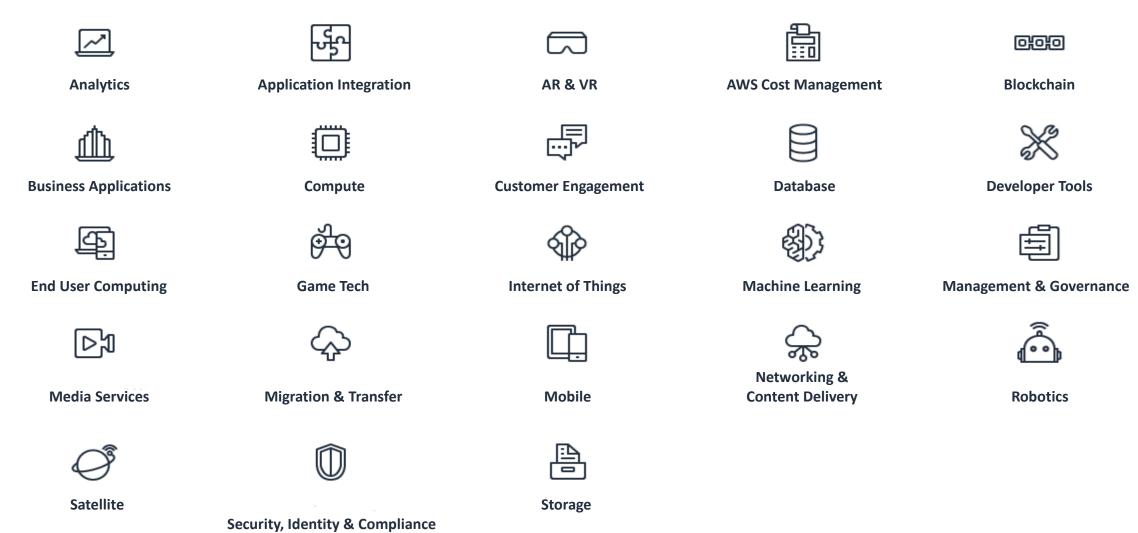
Go global in minutes



AWS security



AWS service categories



AWS global infrastructure

Regions



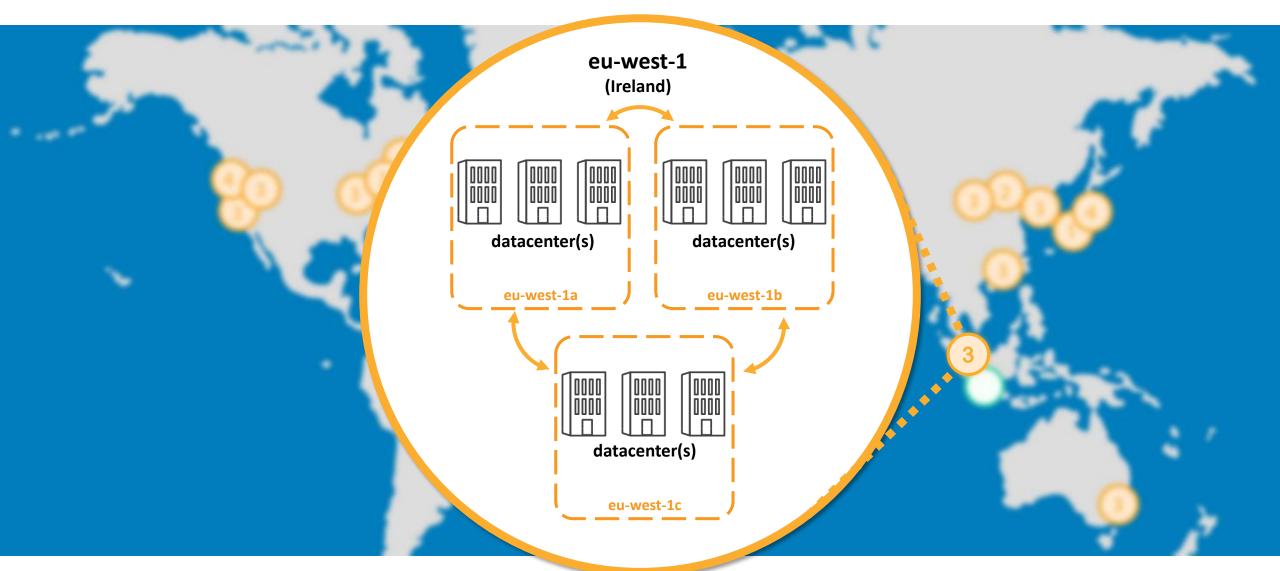


Availability Zones





Availability Zones



Selecting a region



Data governance, legal requirements

Determine the right region for your services, applications, and data based on these factors



Proximity to customers (latency)



Services available within the region



Costs (vary by region)

Edge locations: Reaching distant customers



AWS management interfaces

Three ways to interact with AWS



AWS Management Console

Easy-to-use graphical interface



Command Line Interface (AWS CLI)

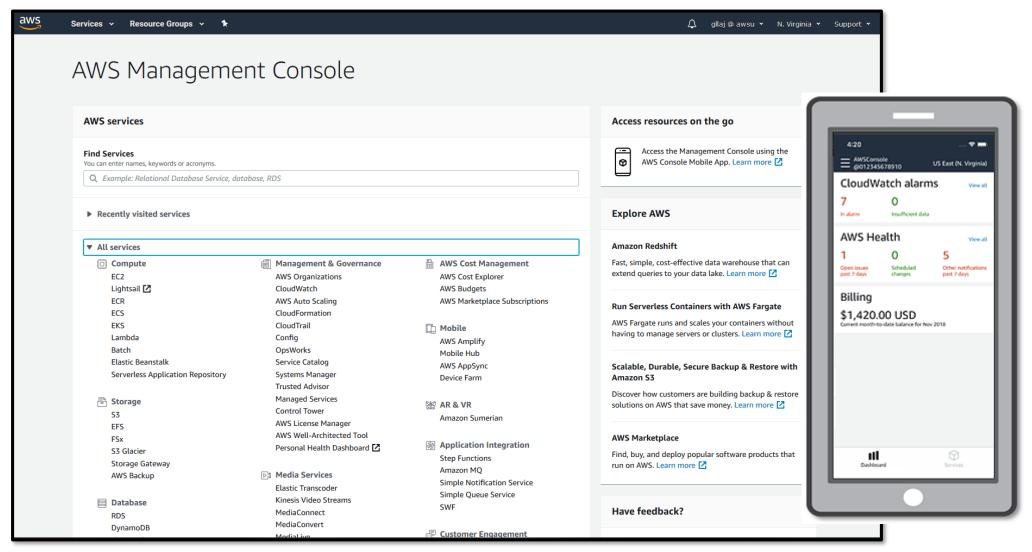
Access to services by discrete command



Software Development Kits (SDKs)

Access services in your code

AWS Management Console

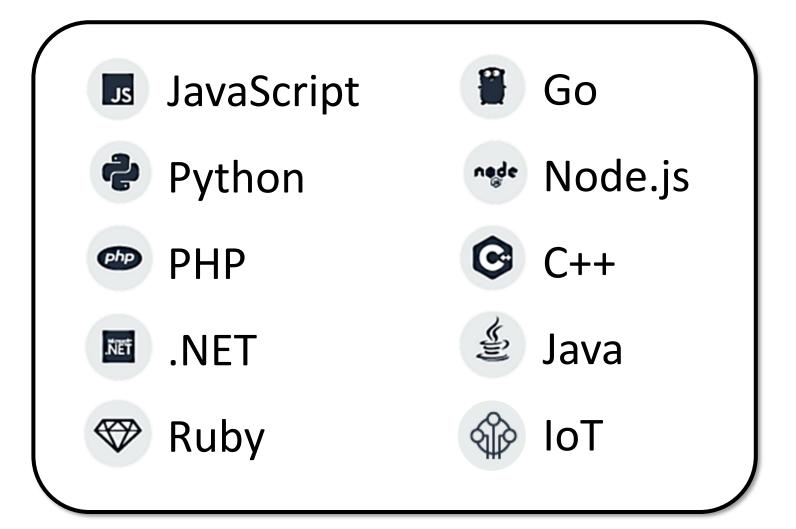


AWS CLI

- Open source tool for interacting with AWS services
- Environments
 - Linux
 - MacOS
 - Windows



AWS SDKs



Key takeaways

- With a pay-as-you-go pricing, cloud services platform AWS delivers:
 - Compute power
 - Storage
 - Database services
 - Other resources
- Regions and Availability Zones are more highly available, fault tolerant, and scalable than traditional datacenter infrastructures.
- 3 ways to access and manage your AWS resources:
 - Web-based AWS Management Console (mobile app as well)
 - CLI
 - SDKs

Thank you!





