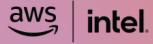


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Course goals

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

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Course modules

1. Introduction to the AWS Cloud
2. Getting started with the cloud
3. Building in the cloud
4. Secure your cloud applications
5. AWS pricing, support and architecting

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Module 1: Introduction to the AWS Cloud

Navjot Singh
Technical Trainer
AWS

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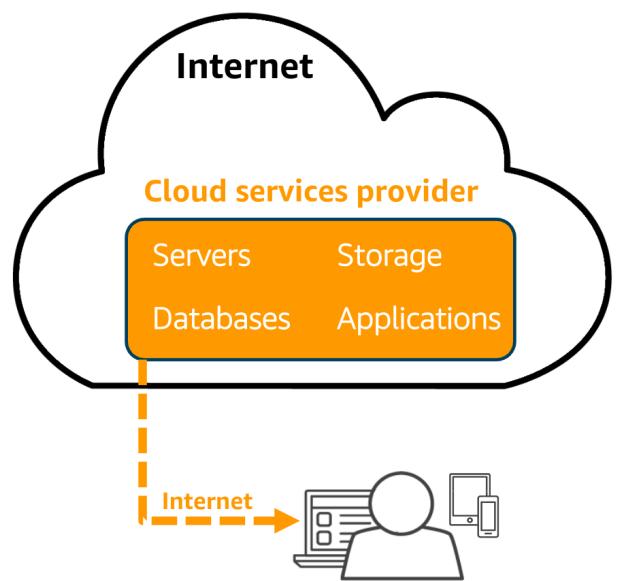
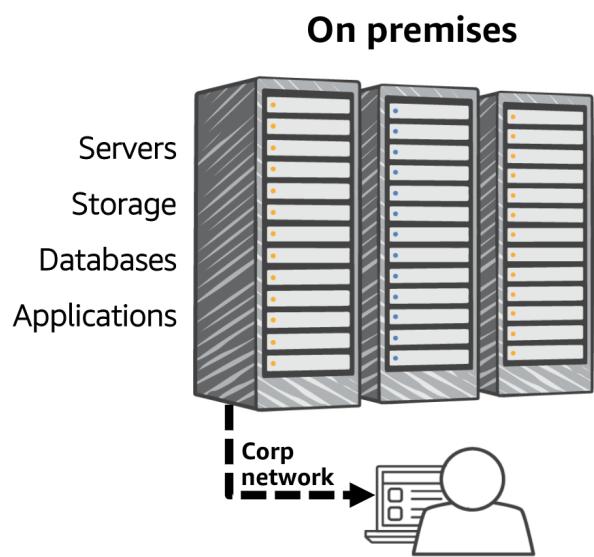


What is the AWS Cloud?

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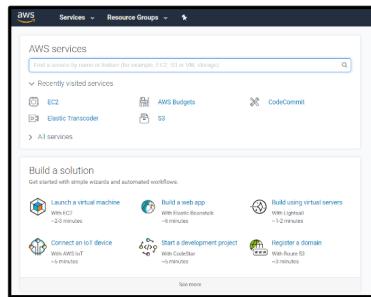
What is the cloud?



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How does it work?

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



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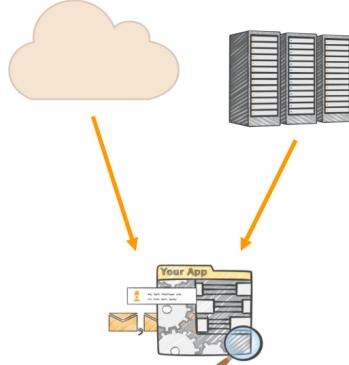
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Cloud deployment models

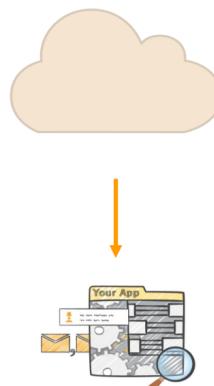
On premises



Hybrid



Cloud



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What are the benefits of the AWS Cloud?

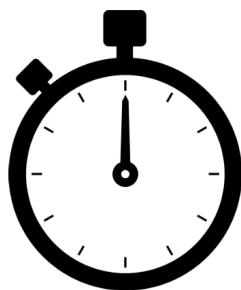
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Trade capital expense for variable expense



Data center investment
based upon forecast



Pay only for the amount
you consume

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Massive economies of scale

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



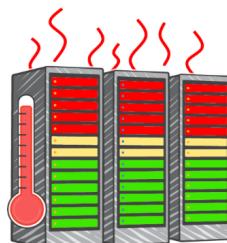
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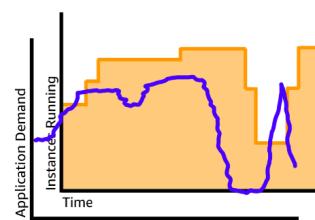
Stop guessing capacity



Overestimated
server capacity



Underestimated
server capacity



Scaling
on demand

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Increase speed and agility

Purchasing Request	
Management Approval	waiting
Finance Approval	...
PO# Received	...
Item Ordered	...
Order Packed	...
Order Shipped	...
Order Delivered	...
Order Unpacked	...

Weeks between wanting resources and having resources

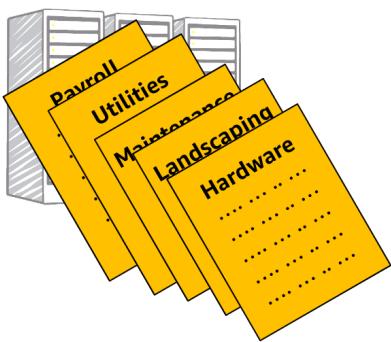


Minutes between wanting resources and having resources

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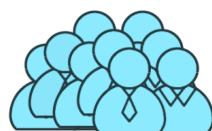
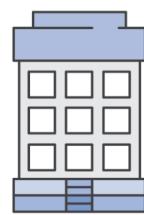
Stop spending money on running and maintaining datacenters



Running datacenters



Investment

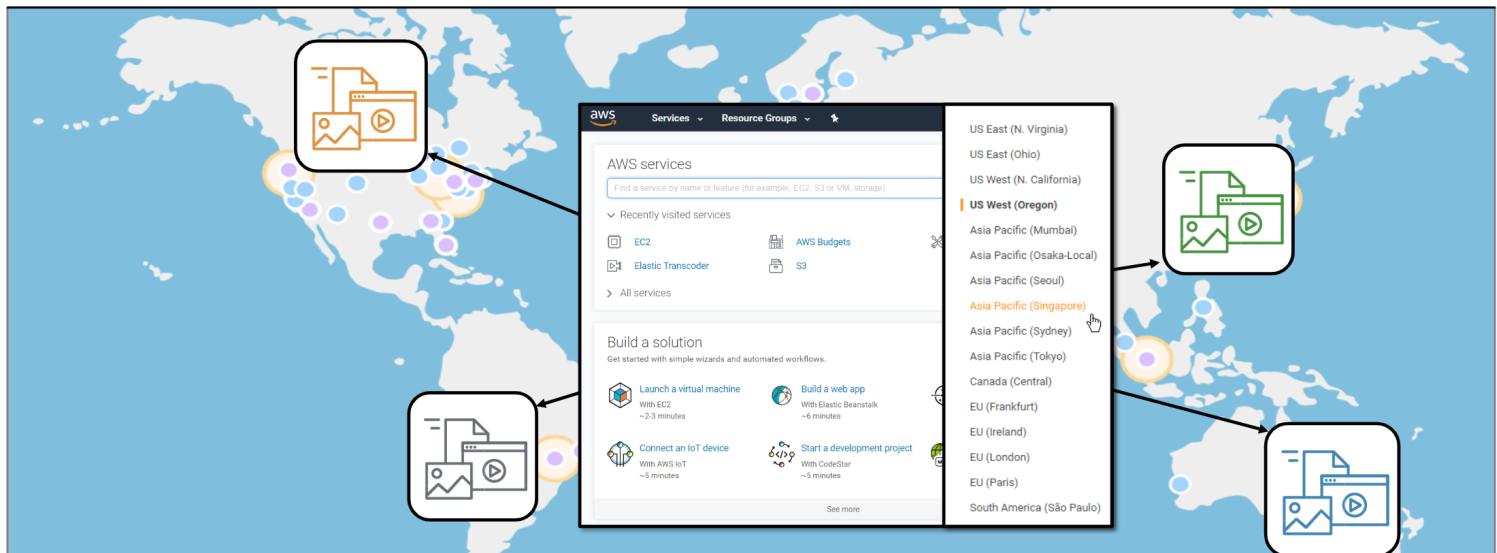


Business and customers

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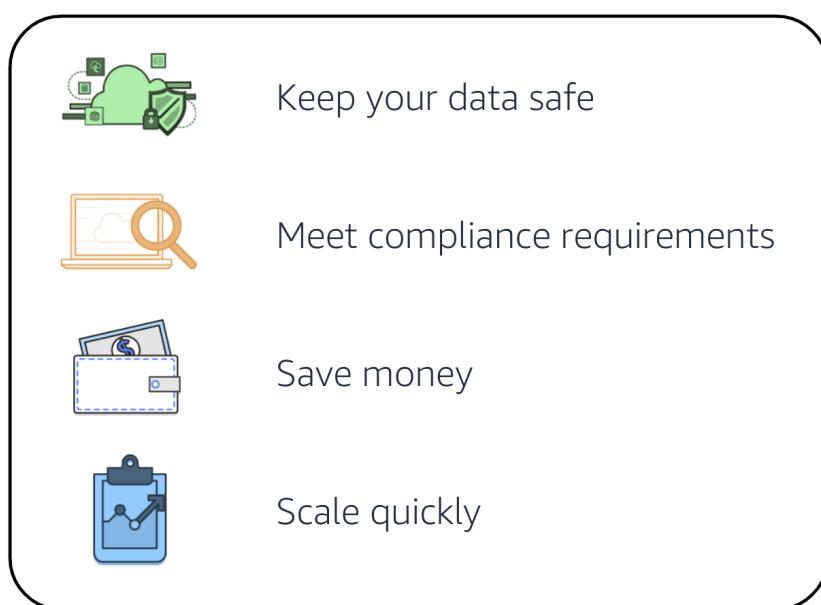
Go global in minutes



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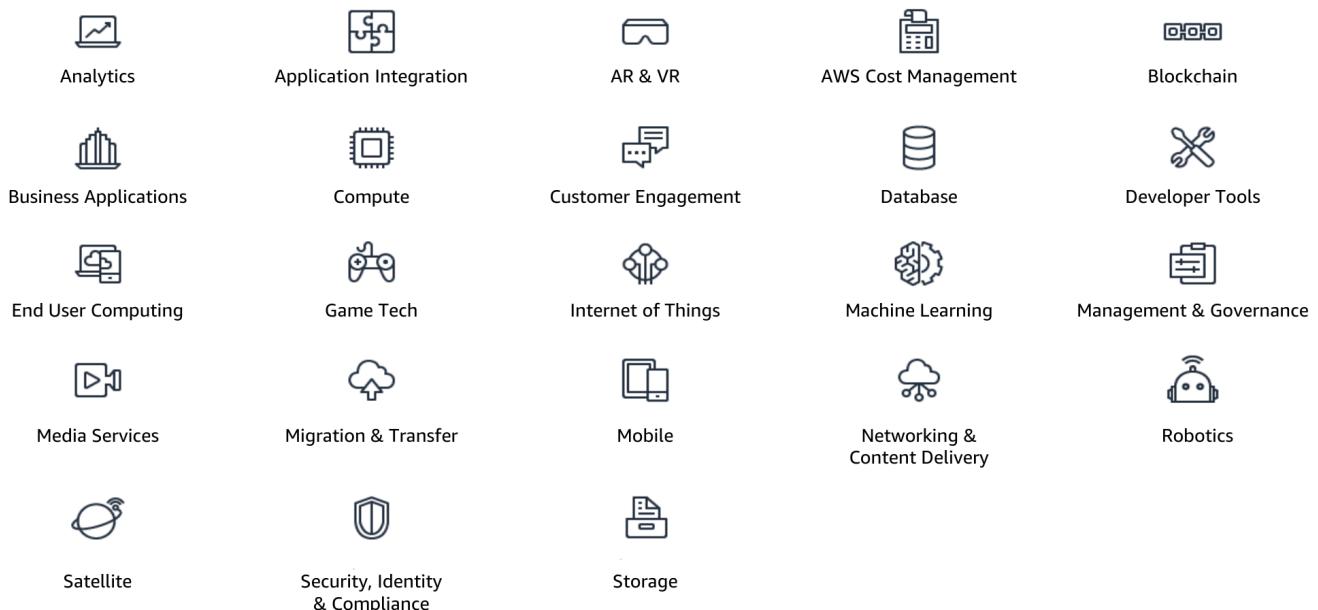
AWS security



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AWS service categories



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AWS global infrastructure

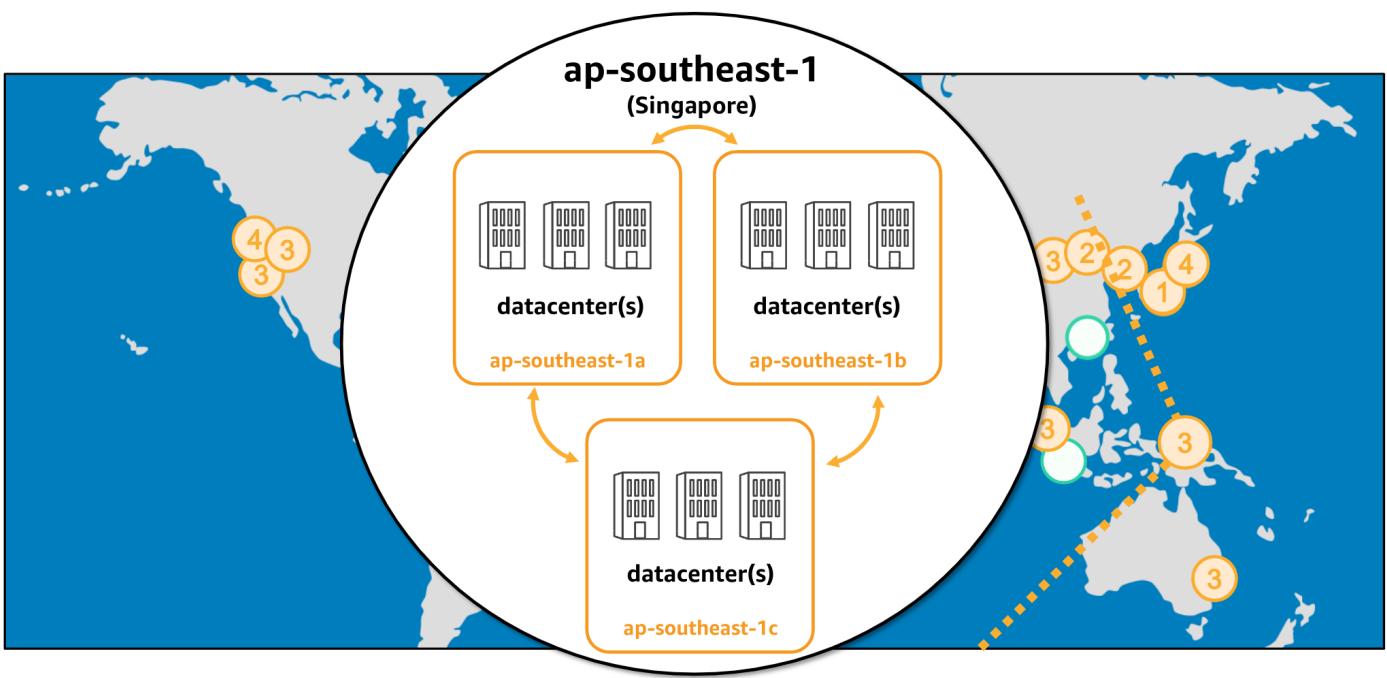
Regions



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Availability zones



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Demo

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Selecting a region

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



Data governance,
legal requirements



Proximity to
customers (latency)



Services available
within the region

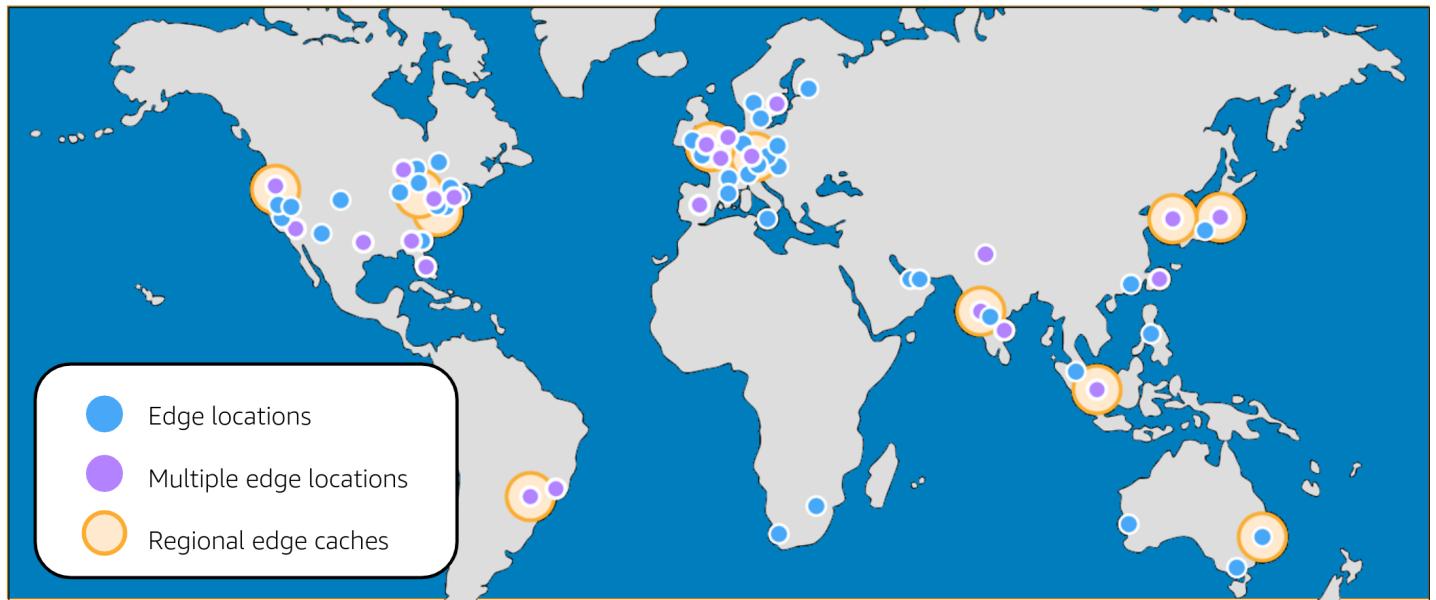


Costs
(vary by region)

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Edge locations: reaching distant customers



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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

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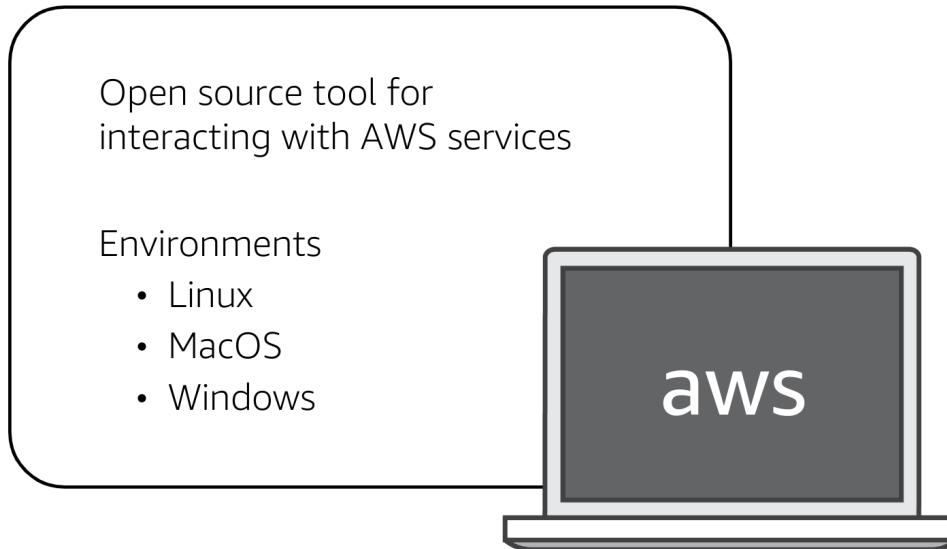
AWS Management Console

The image displays two views of the AWS Management Console. On the left, a desktop browser window shows the full service catalog with categories like Compute, Storage, Database, and Media. On the right, a smartphone screen shows a simplified dashboard with sections for CloudWatch alarms, AWS Health, and Billing.

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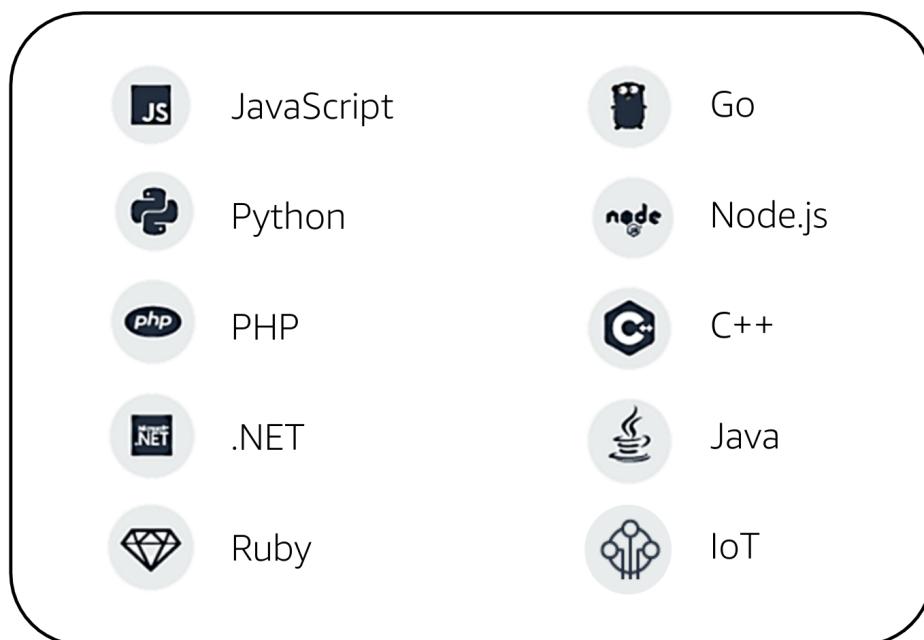
AWS CLI



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AWS SDKs



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End of Module 1

Test your knowledge

Access the quizzes with the "test your knowledge" button at the bottom of the page.