

AWSSOME DAY

ONLINE CONFERENCE



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06.11.19

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

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

Module 1: Introduction to the AWS Cloud

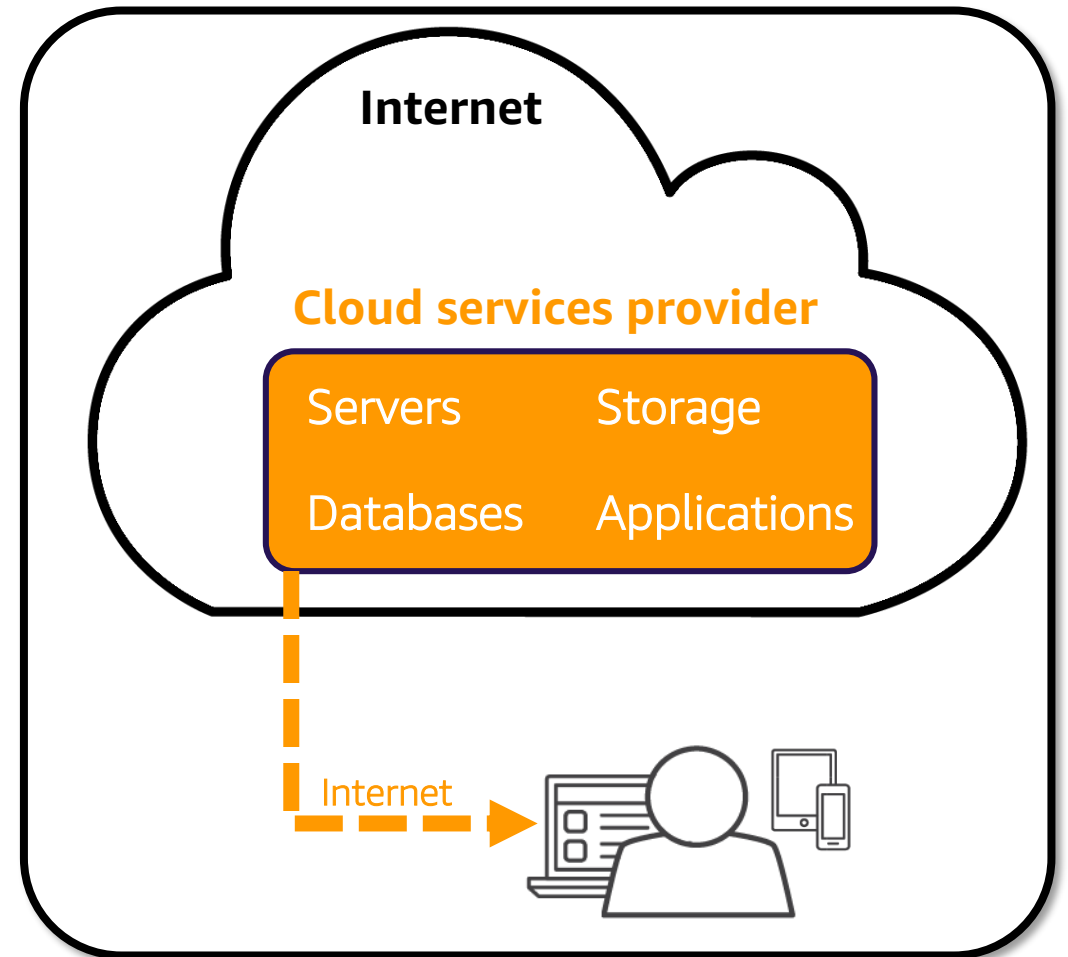
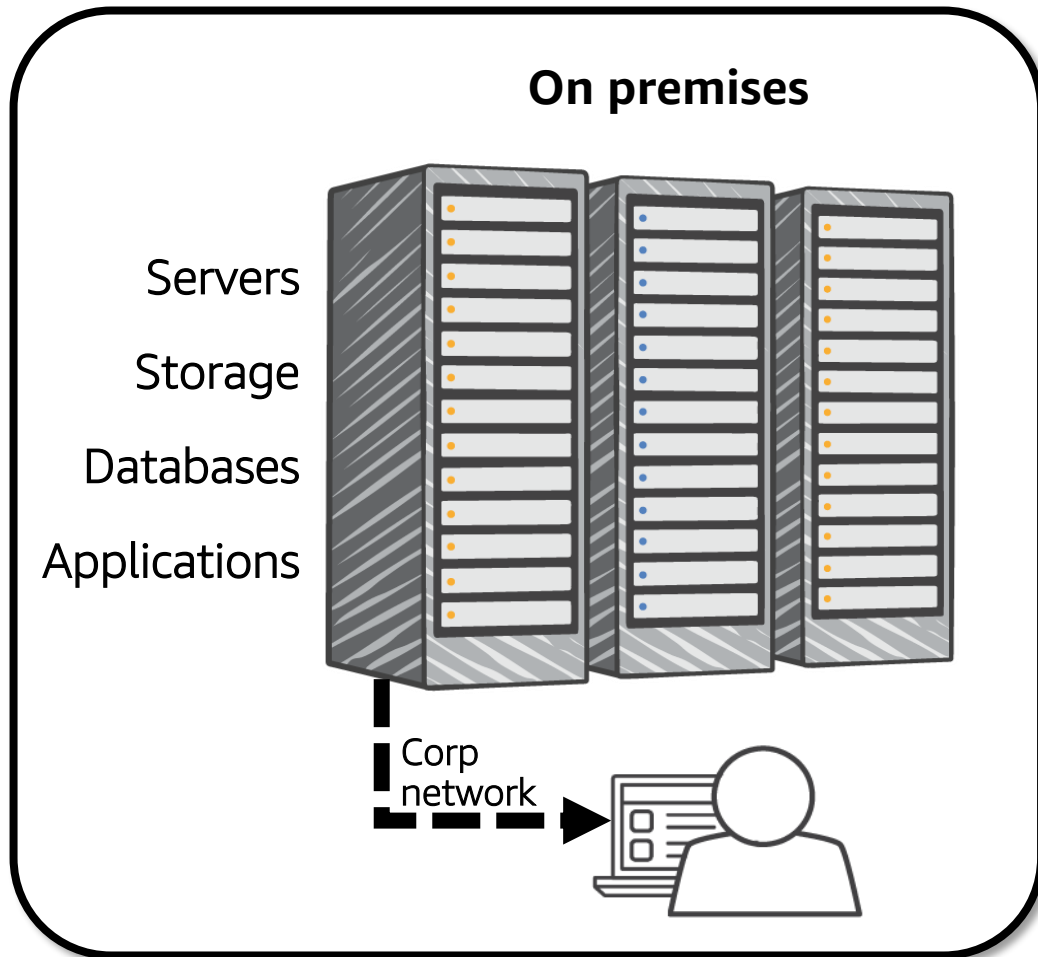
Patrick Do
Technical Trainer
AWS





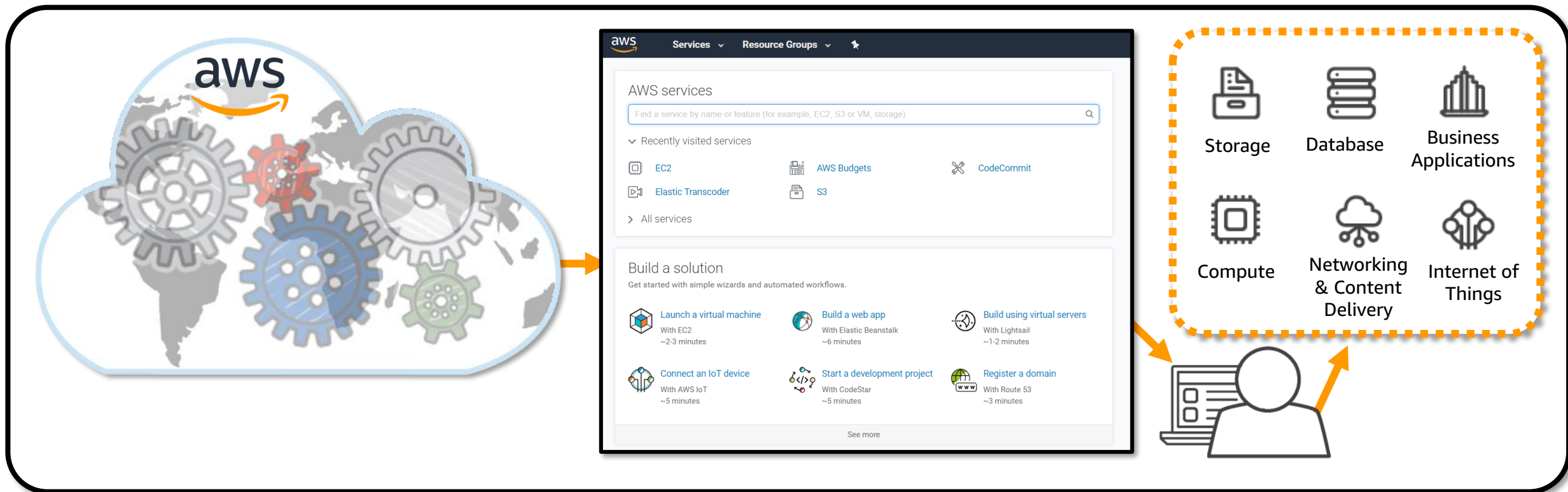
What is the AWS Cloud?

What is the cloud?



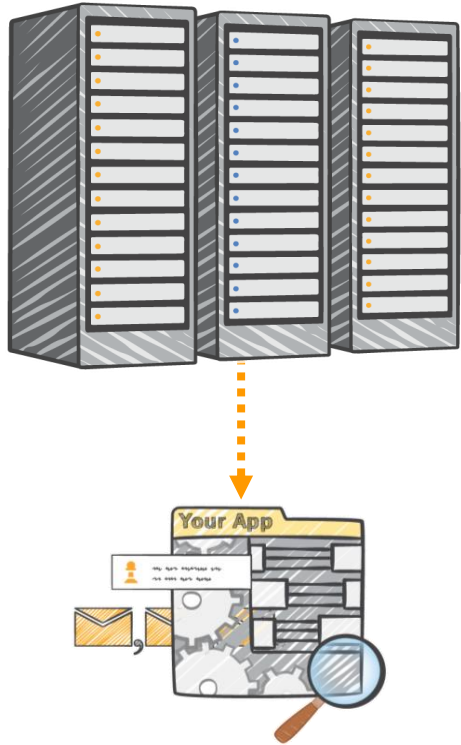
How does it work?

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

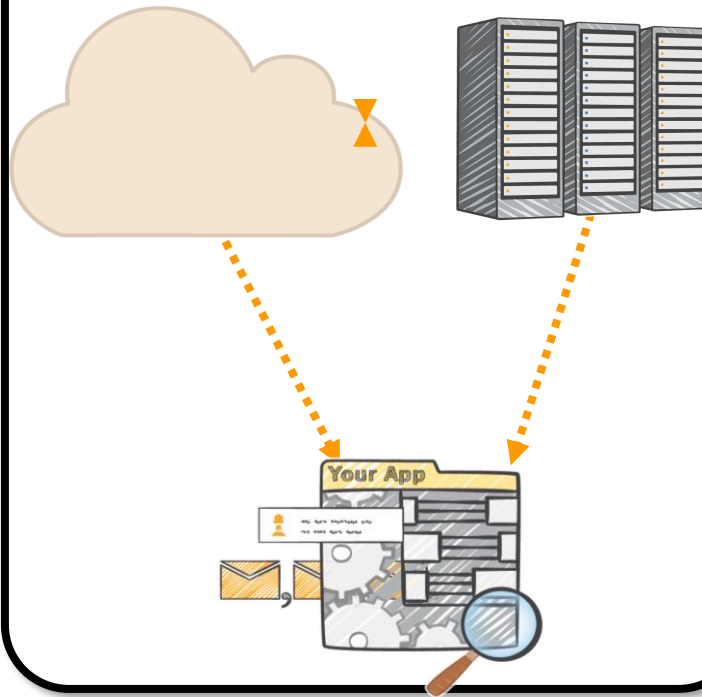


Cloud deployment models

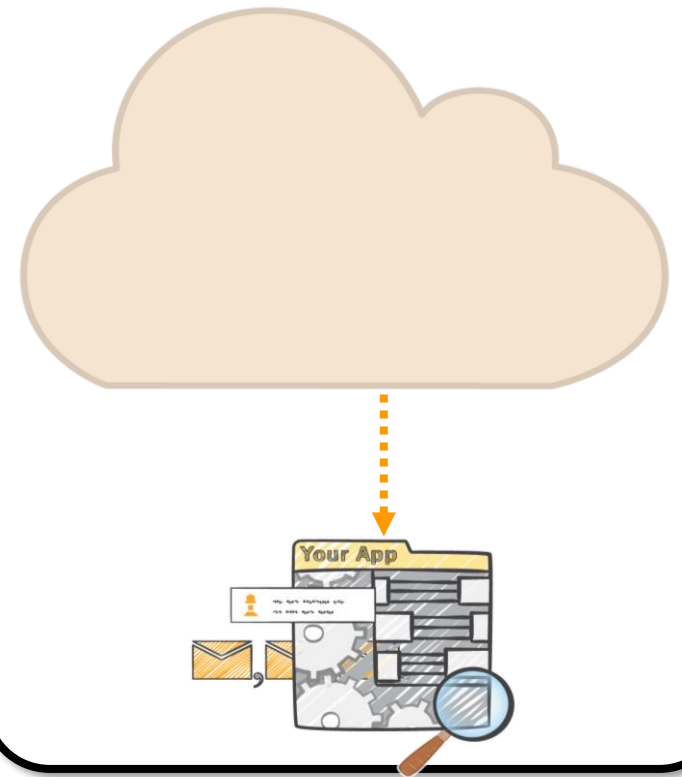
On premises



Hybrid



Cloud



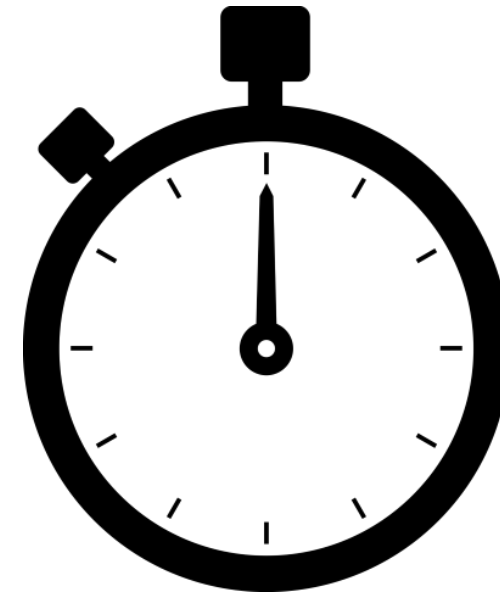


What are the benefits of the AWS Cloud?

Trade capital expense for variable expense



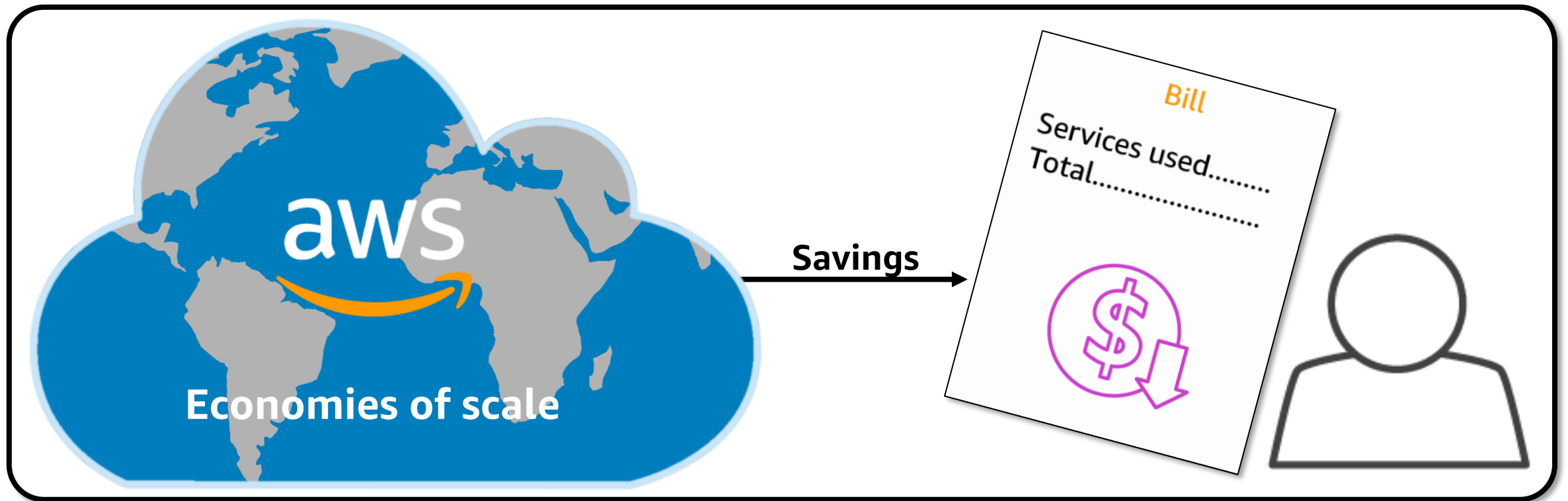
Data center investment
based upon forecast



Pay only for the amount
you consume

Massive economies of scale

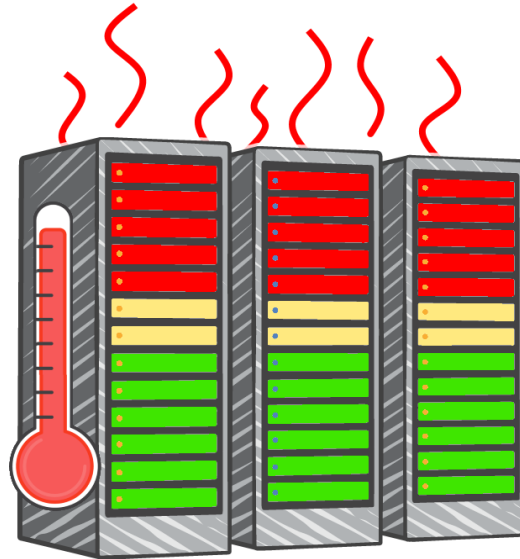
Because of aggregate usage from all customers, AWS can achieve higher economies of scale and pass savings on to customers



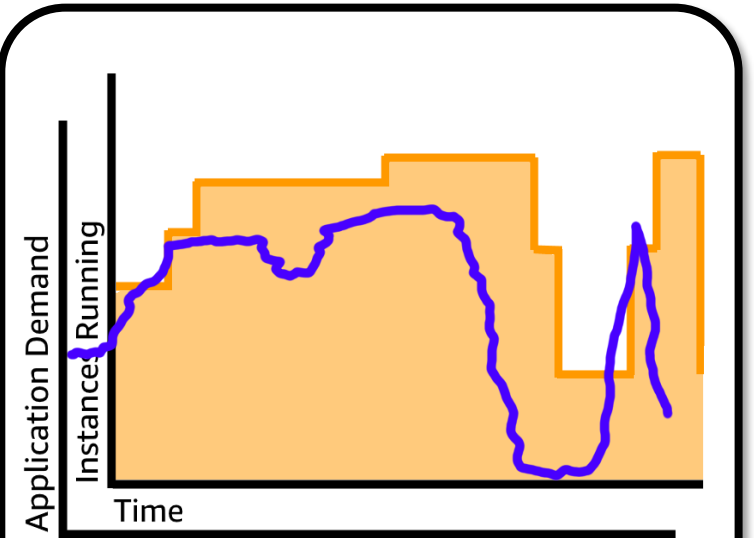
Stop guessing capacity



Overestimated
server capacity



Underestimated
server capacity



Scaling on
demand

Increase speed and agility

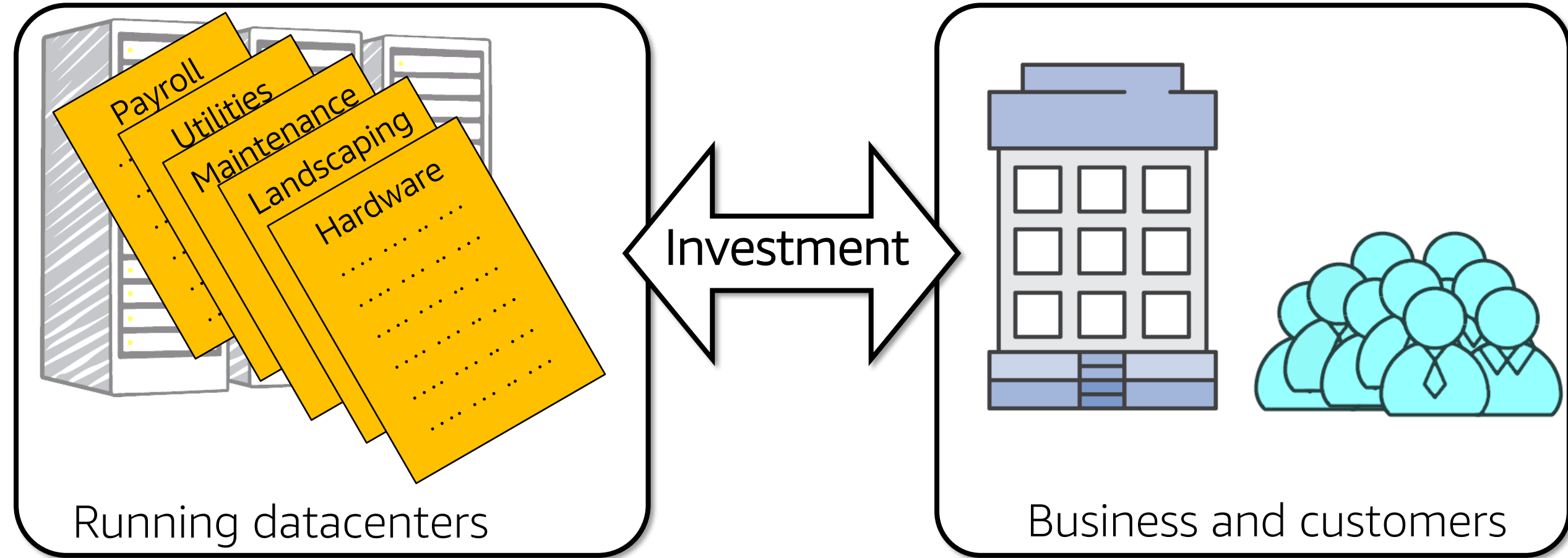


Weeks between wanting
resources and having resources

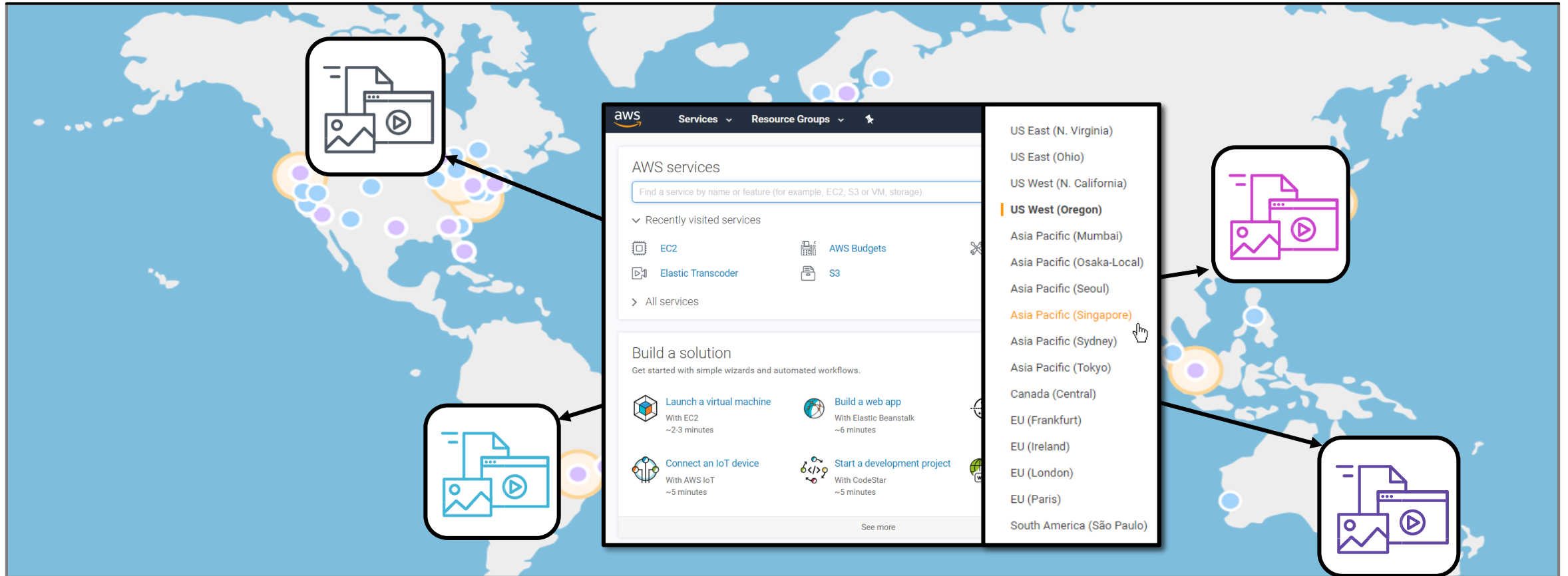


Minutes between wanting
resources and having resources

Stop spending money on running and maintaining datacenters



Go global in minutes



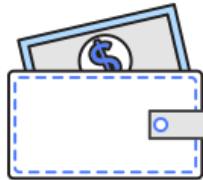
AWS security



Keep your data safe



Meet compliance requirements



Save money



Scale quickly

AWS service categories



Analytics



Application Integration



AR & VR



AWS Cost Management



Blockchain



Business Applications



Compute



Customer Engagement



Database



Developer Tools



End User Computing



Game Tech



Internet of Things



Machine Learning



Management & Governance



Media Services



Migration & Transfer



Mobile



**Networking &
Content Delivery**



Robotics



Satellite



**Security, Identity &
Compliance**



Storage

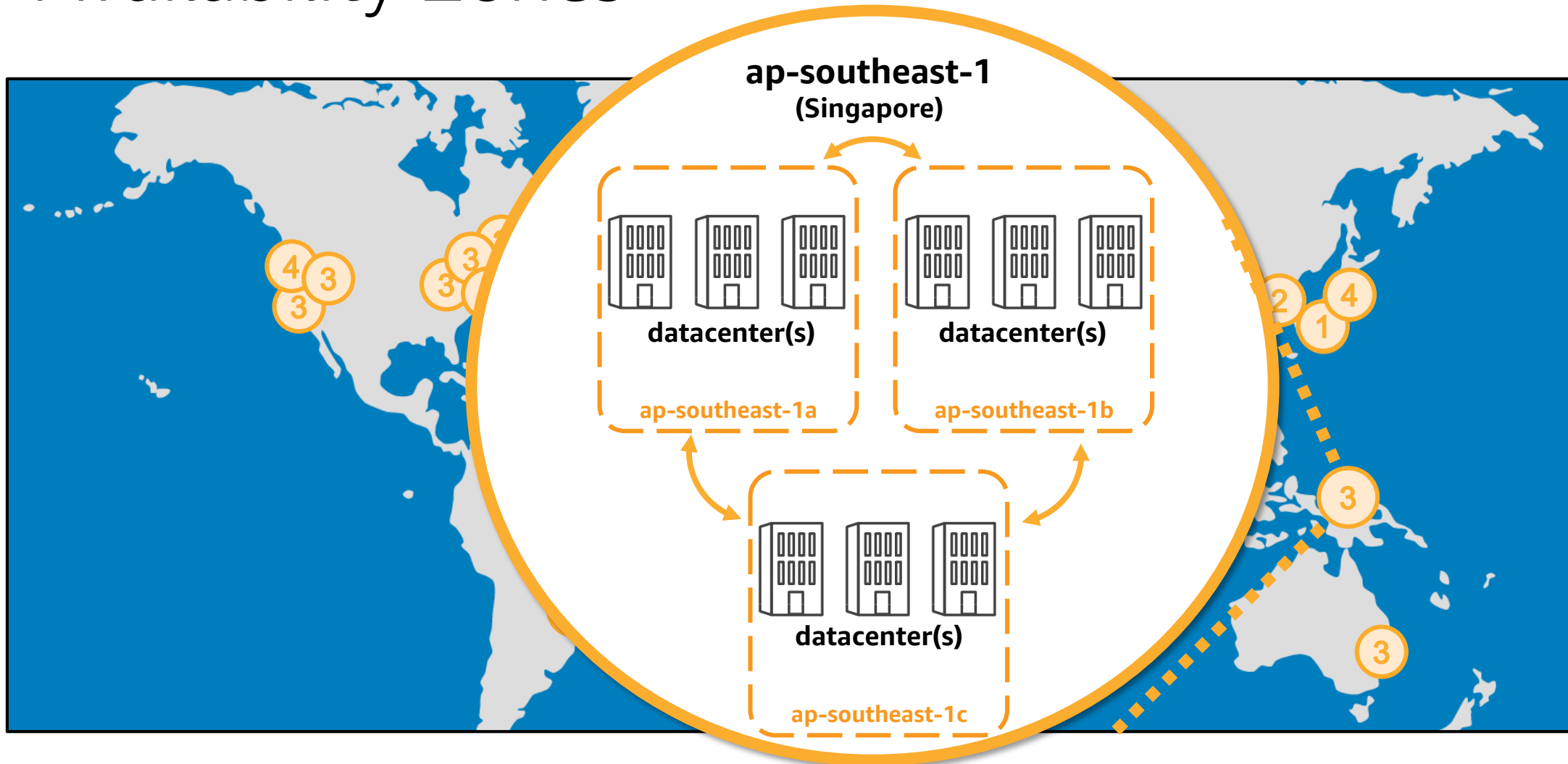
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AWS global infrastructure

Demo

Availability Zones



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)

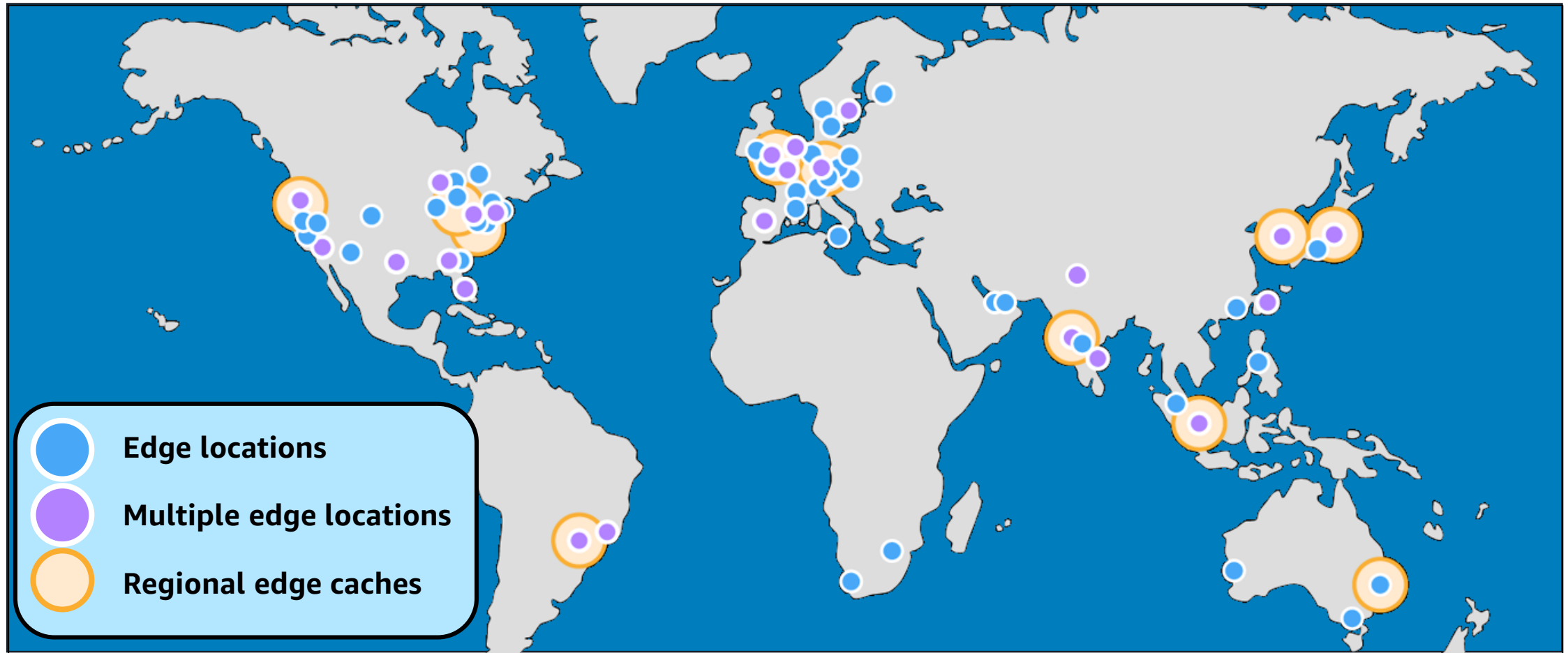


Services available
within the region



Costs (vary by region)

Edge locations: Reaching distant customers





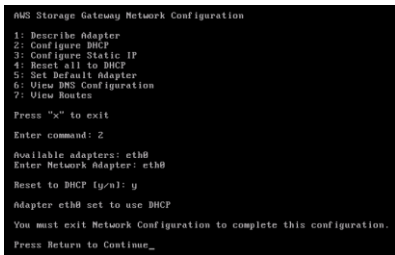
AWS management interfaces

Three ways to interact with AWS



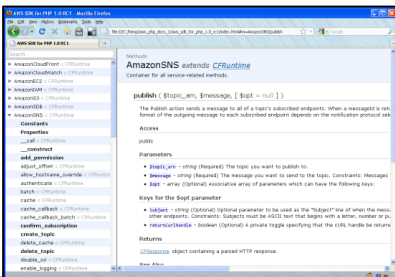
AWS Management Console

Easy-to-use graphical interface



Command Line Interface (AWS CLI)

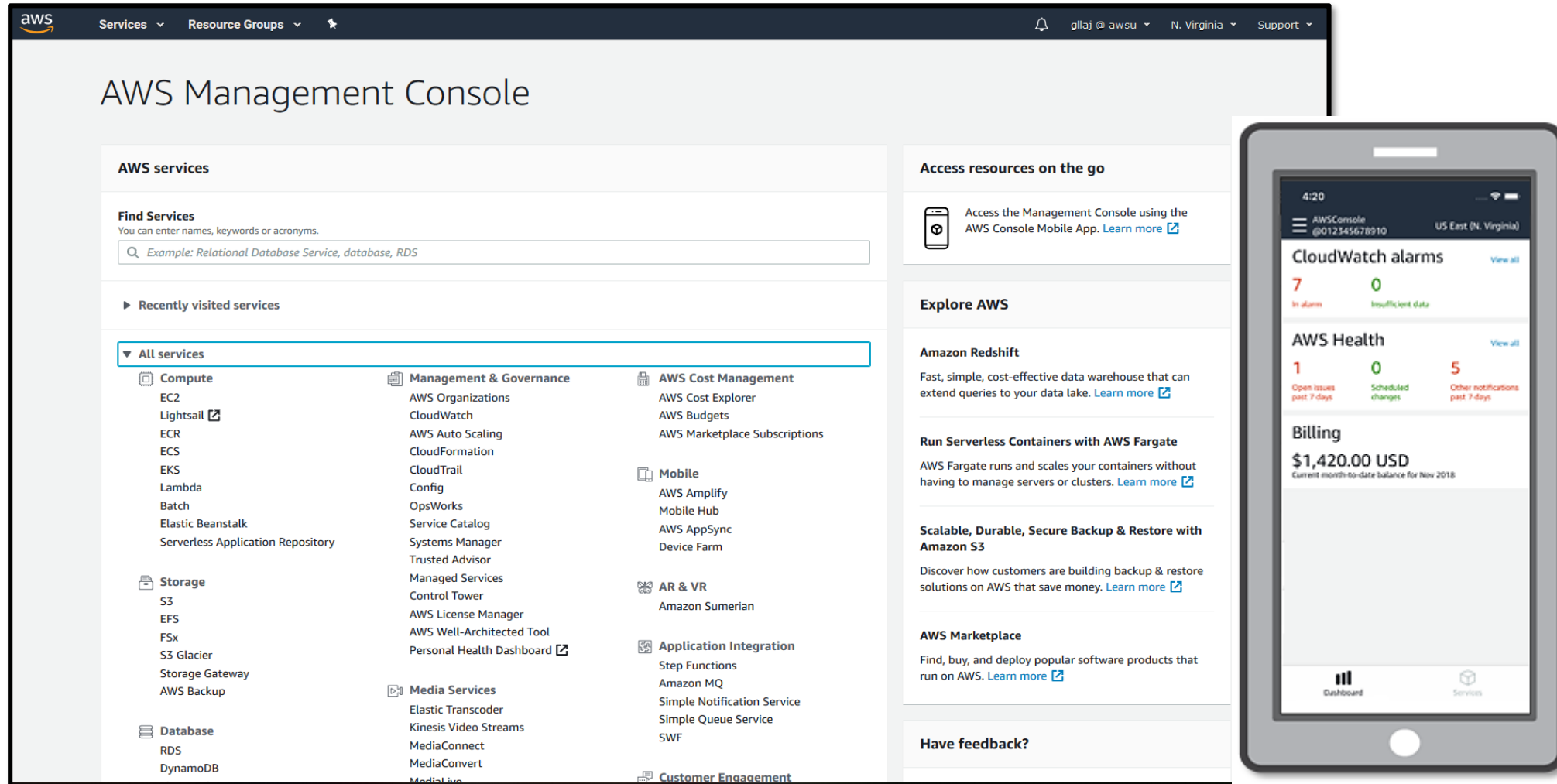
Access to services by discrete command



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



JavaScript



Python



PHP



.NET



Ruby



Go



Node.js



C++



Java



IoT

End of Module 1

Test Your Knowledge