

AWSOME DAY

ONLINE CONFERENCE

APAC | 30 SEPTEMBER, 2021



AWSSOME DAY
ONLINE CONFERENCE

Introduction to the cloud

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Amazon Web Services

Agenda

Introduction to AWS

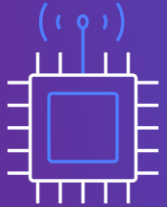
Introduction to AWS services

- Compute
- Storage
- Databases
- Networking
- Security

Innovation with AWS

Next steps

Innovation with AWS



Internet of
Things
(IoT)



Machine
learning
(ML)



Blockchain



AWS Ground
Station



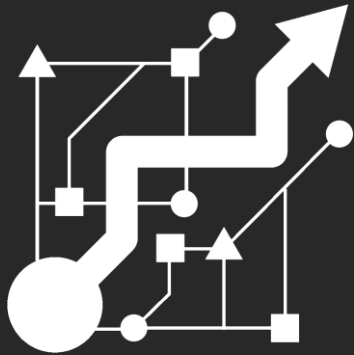
AWS
Wavelength

More on this later!

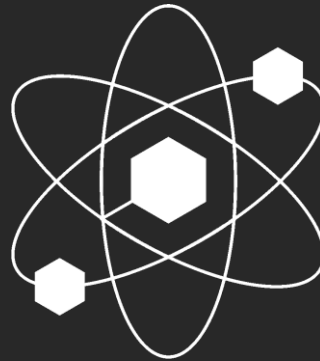
Introduction to the cloud

What is the cloud?

Cloud computing enables you to stop thinking of your infrastructure as hardware, and instead think of it (and use it) as software.



Programmable
resources



Dynamic
abilities



Pay as
you go

What other advantages does the cloud offer?

Six advantages of cloud computing



Trade upfront
expense for
variable expense



Increase speed
and agility



Benefit from massive
economies of scale



Stop spending
money on running and
maintaining data centers

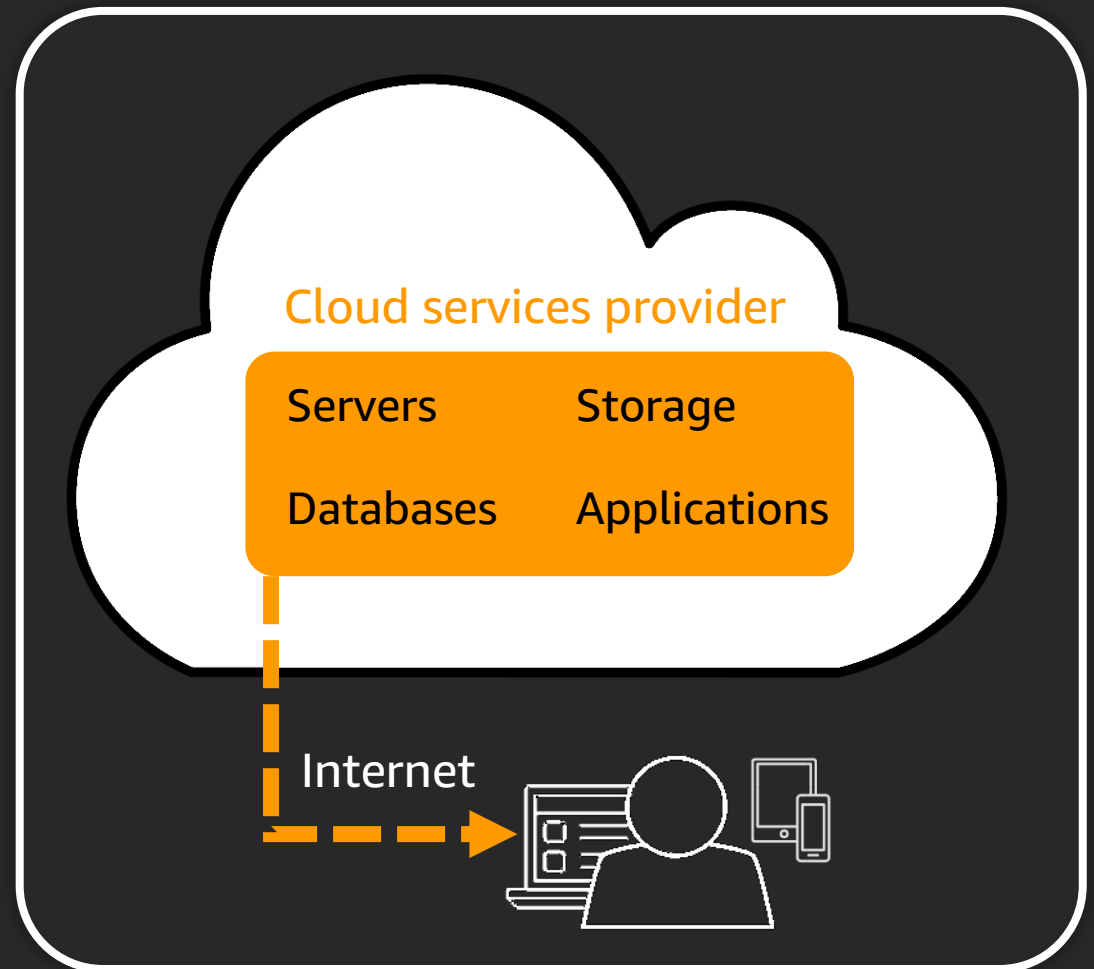
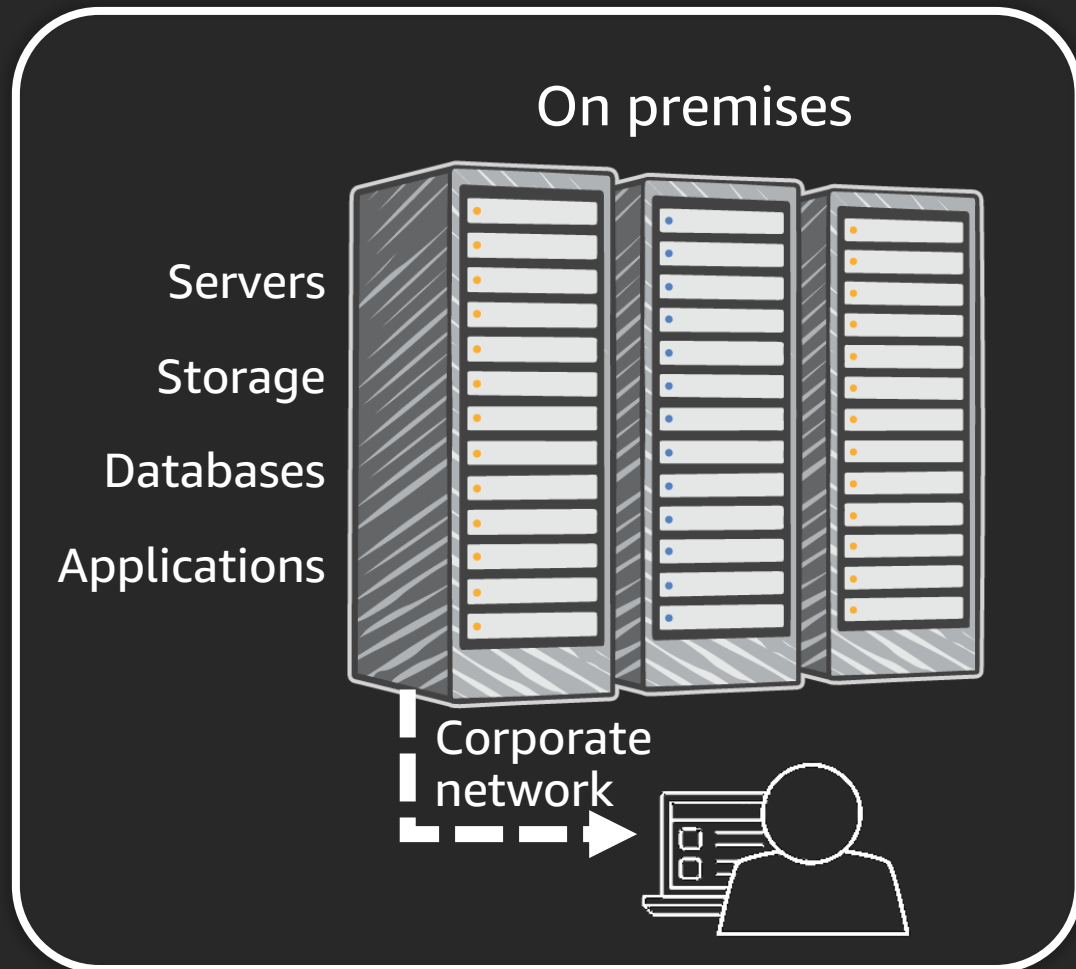


Stop guessing
capacity

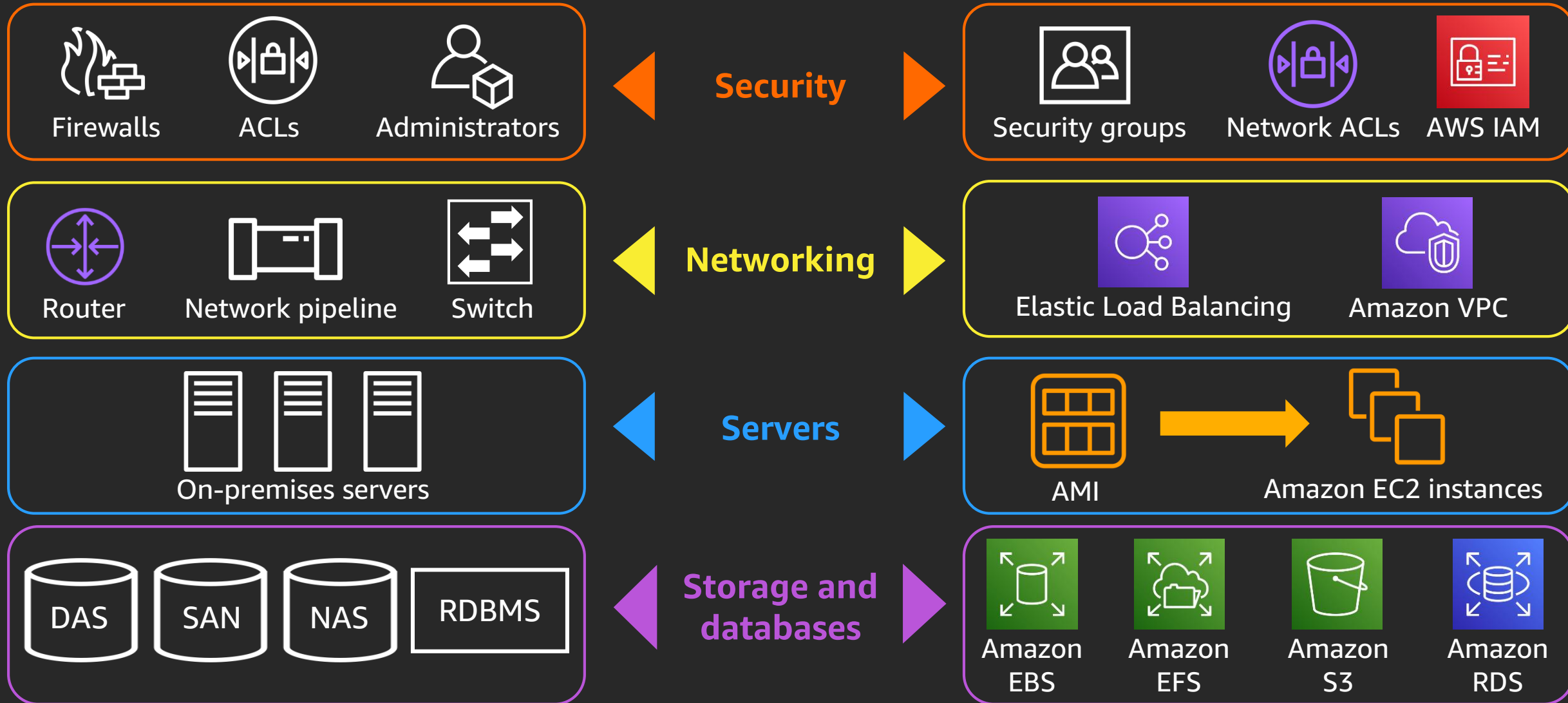


Go global
in minutes

What is the cloud?

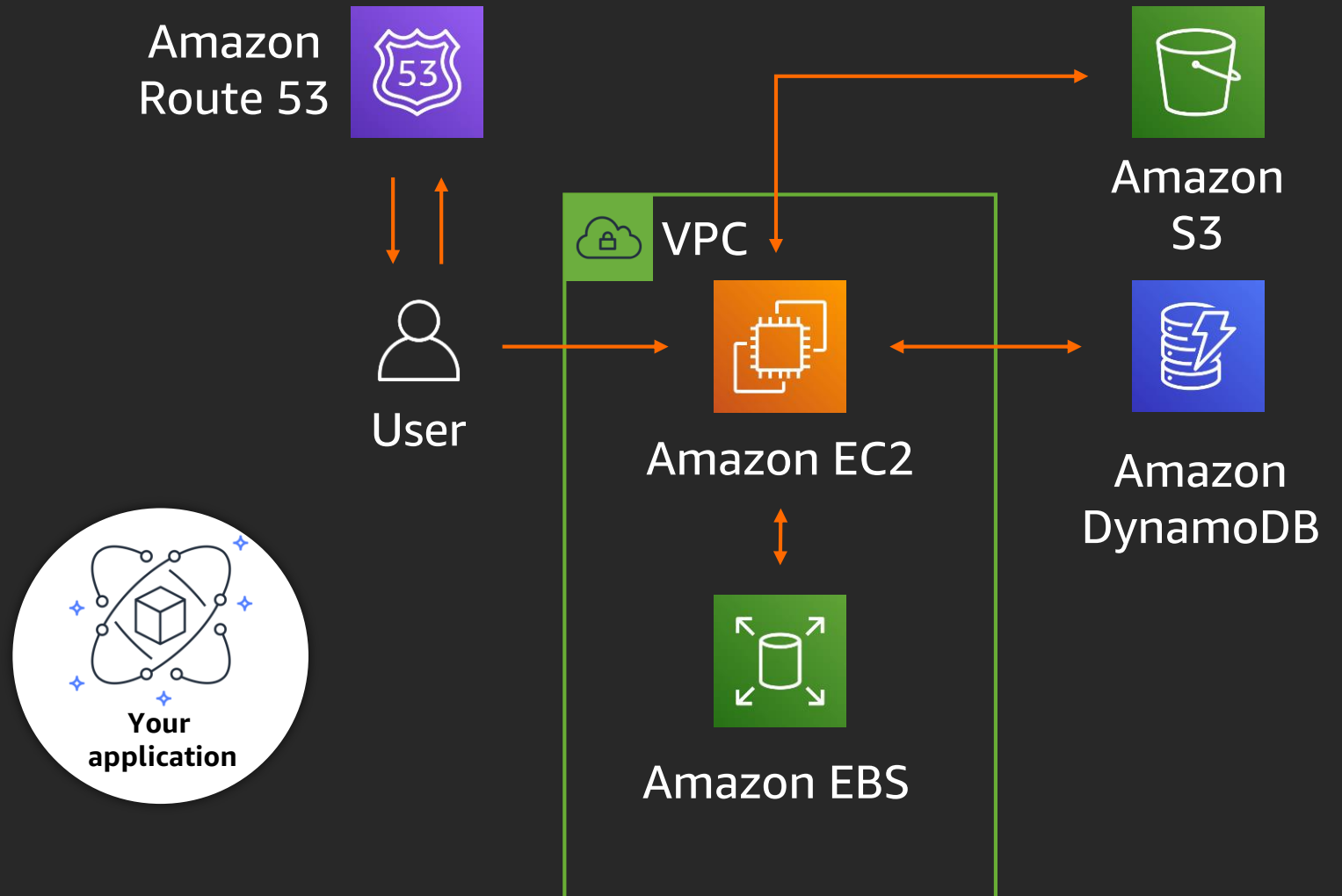


AWS core infrastructure and services



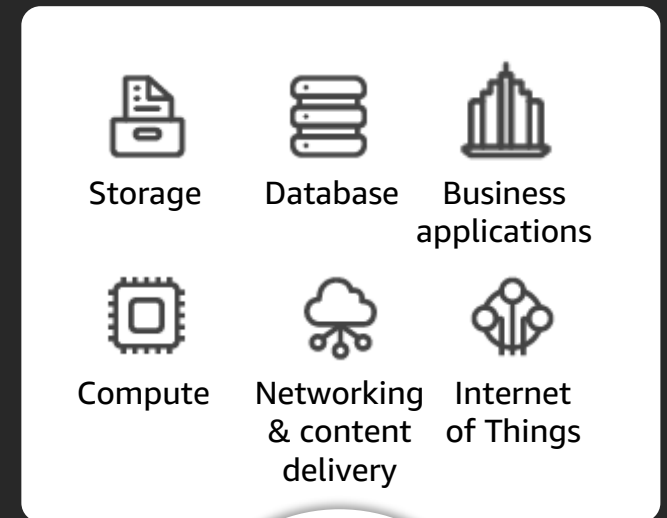
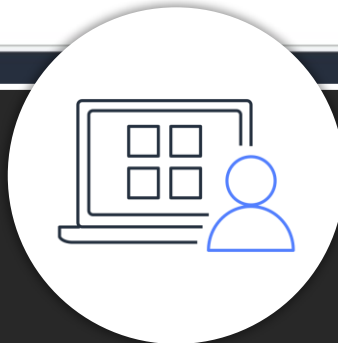
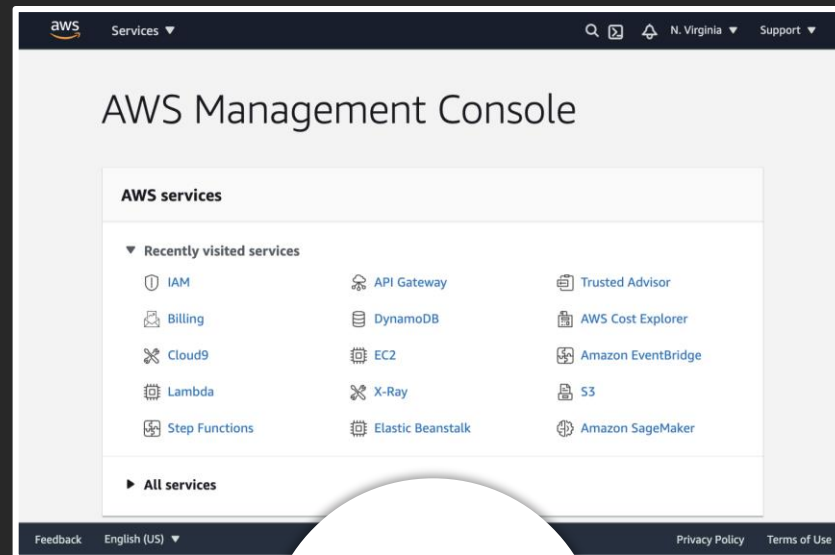
Key service areas

- Compute
- Storage
- Databases
- Networking
- Security



How does it work?

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

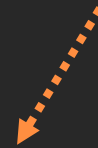
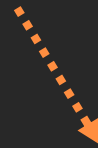


Cloud deployment models

On premises



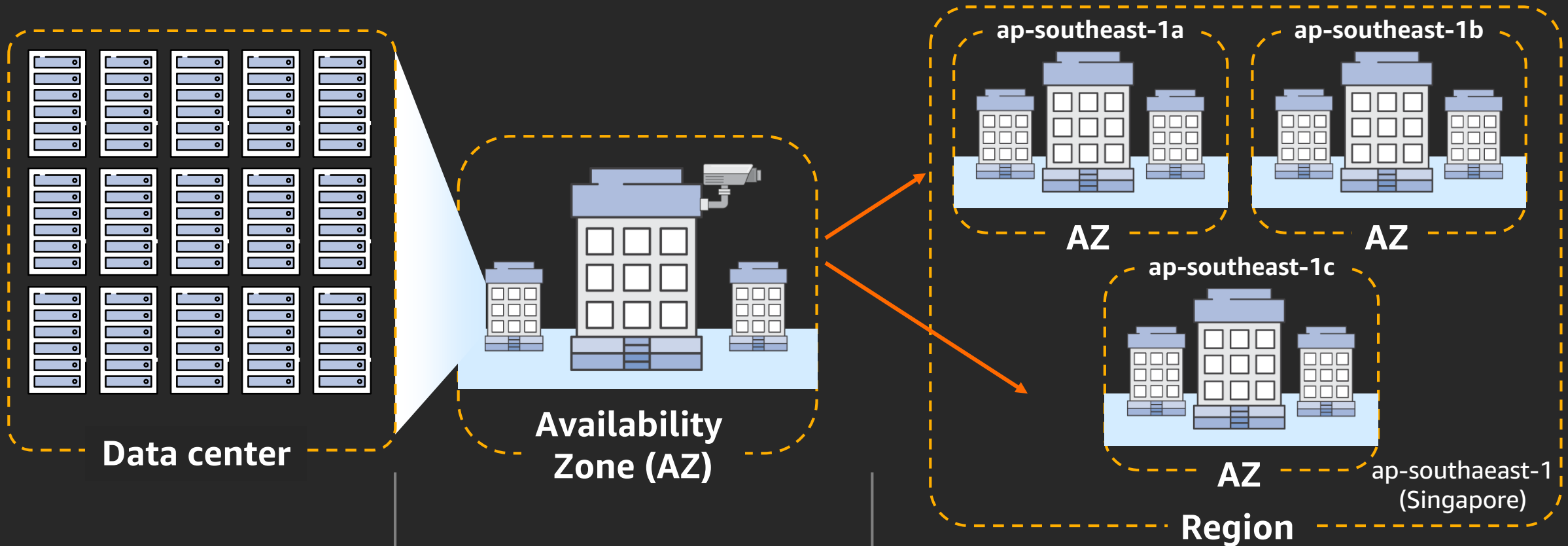
Hybrid



Cloud



AWS global infrastructure

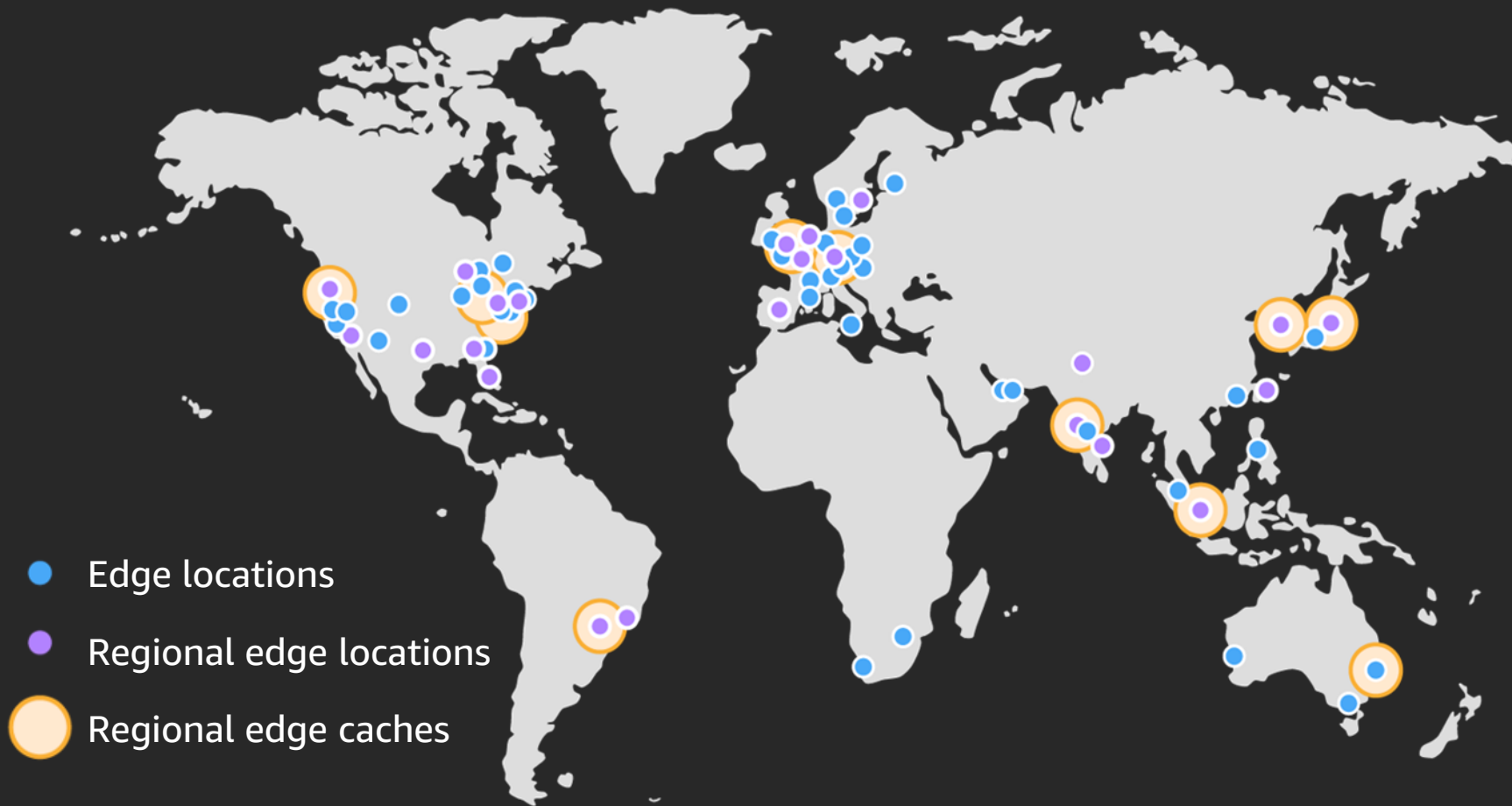


Typically houses
thousands of servers

- One or more data centers
- Designed for **fault isolation**

- Each AWS Region is made up of **two or more AZs**
- AWS has **25 Regions worldwide**

AWS global infrastructure: Current Regions



Choose a Region

- Data governance
- Latency
- Cost

Edge infrastructure

- Amazon CloudFront (content delivery network)
- AWS Outposts
- Local Zones
- AWS Wavelength

AWS edge infrastructure

MOVING THE CLOUD CLOSER TO THE ENDPOINT

AWS Outposts



AWS Local Zones



AWS Wavelength



Overview

AWS infrastructure and services **on premises**

AWS infrastructure and services **in large metro centers**

AWS infrastructure and services **in CSP 5G networks**

Use cases

Migration, local critical applications, data residency

Migration, low latency, local data processing

Ultra-low latency, local data processing

Service model

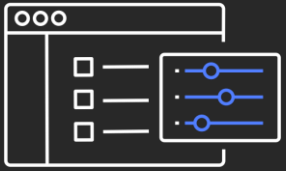
Expandable capacity in customer's data center, colocation, on-premises location

Scalable capacity in AWS-managed & operated facility

Scalable capacity in CSP data center managed and supported by AWS

More on this later!

Three ways to interact with AWS



AWS Management Console

Easy-to-use graphical interface



AWS Command Line Interface (AWS CLI)

Access to services by discrete command

```
$ aws s3 ls
```



Software development kits (SDKs)

Access services in your code



Thank you for attending AWSome Day Online Conference

We hope you found it interesting! A kind reminder to **complete the survey**.
Let us know what you thought of today's event and how we can improve the event experience for you in the future.



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Thank you!