



AWSSOME DAY

ONLINE CONFERENCE

2025 | APJ



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Introduction to the cloud

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Agenda

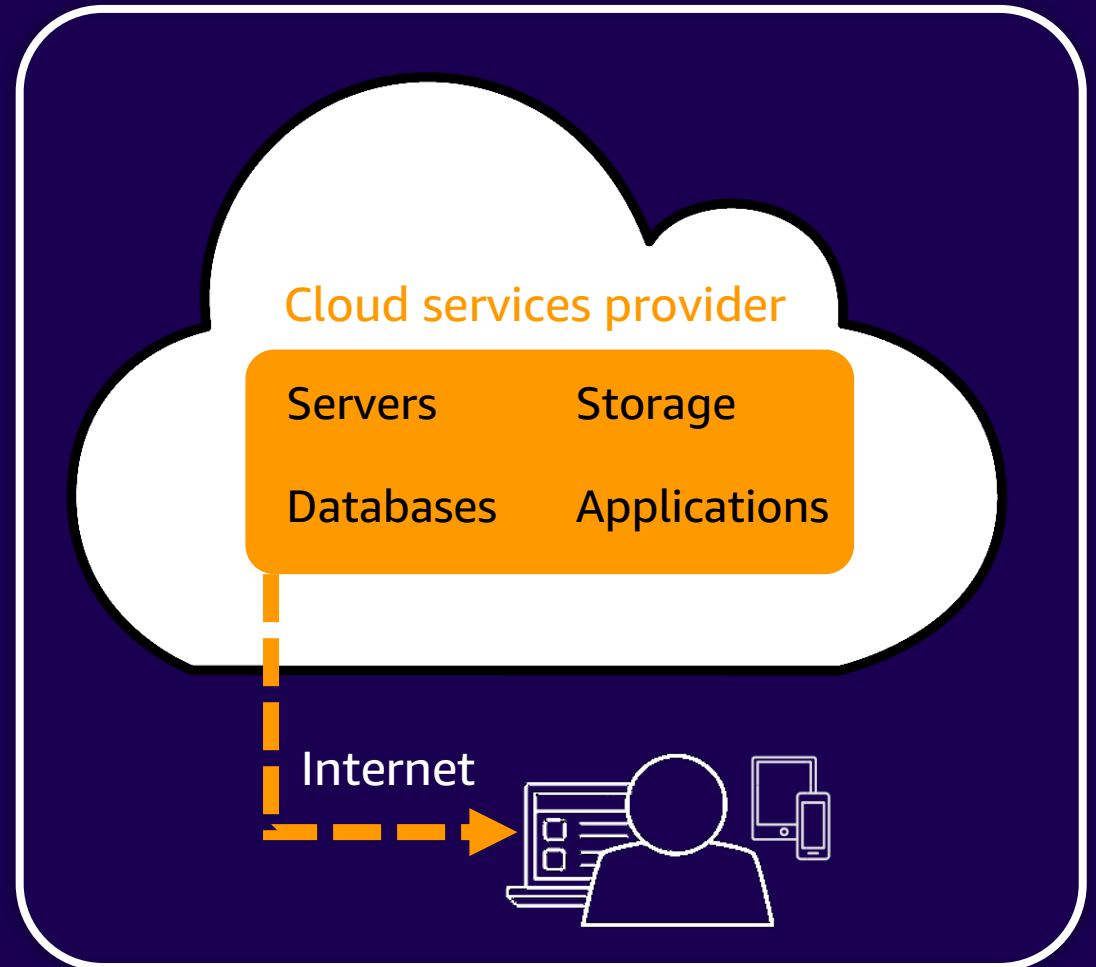
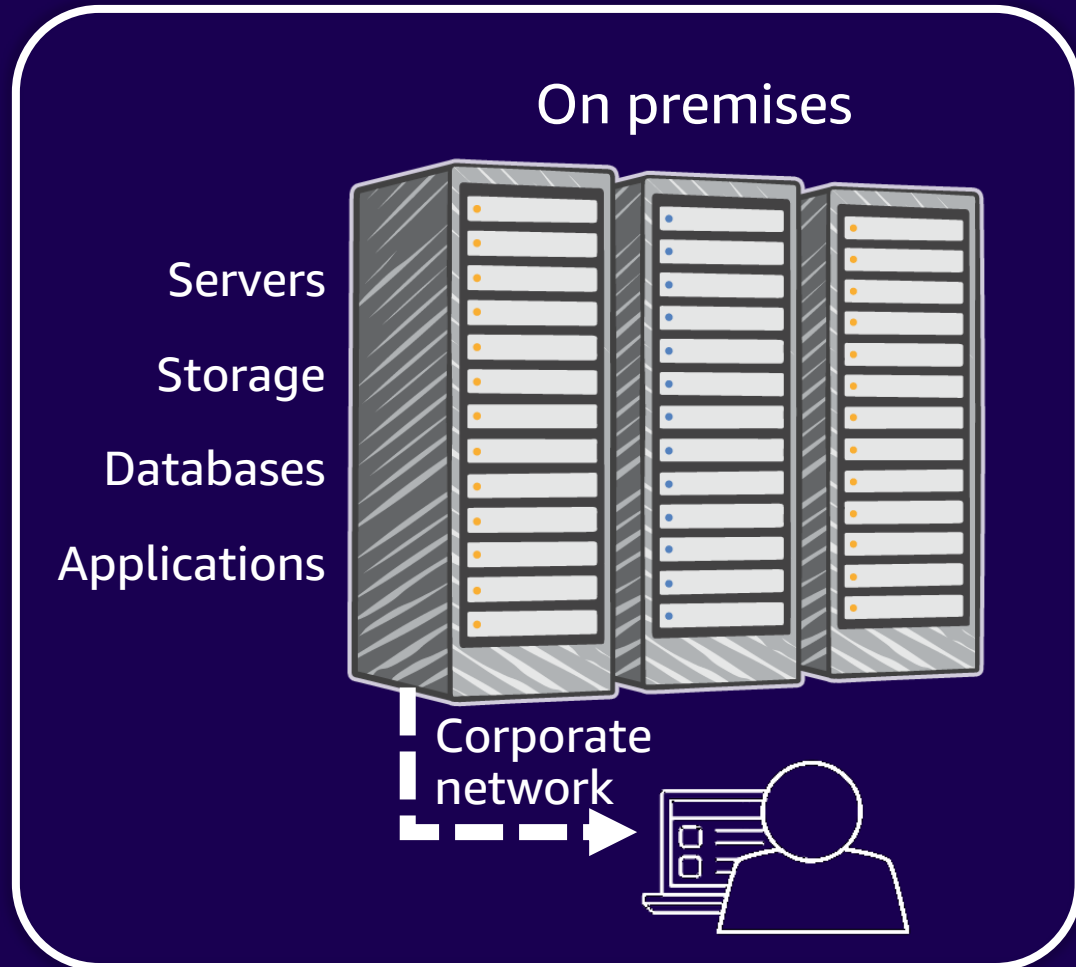
Introduction to AWS

- Compute
- Storage
- Databases
- Networking
- Security

Innovation with AWS

Next steps

What is the cloud?



What is the cloud?

With cloud computing, you can stop thinking of your infrastructure as hardware, and instead think of it (and use it) as software.

Agility



On-demand
self-service

Elasticity



Scale rapidly to
meet demand

Cost Savings



Only pay for IT as
you consume it

Deploy globally



Broad network
access

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

Choosing a Region

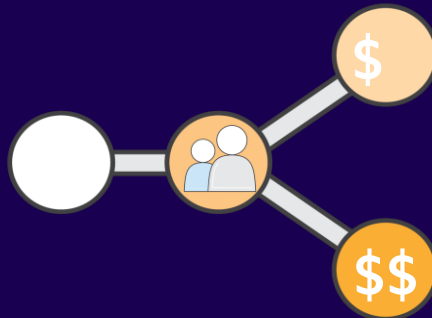
Data residency regulatory compliance



Are there relevant Region data privacy laws?

Can customer data be stored outside the country?

Proximity of users to data



Small differences in latency can impact customer experience

Choose the Region closest to your users

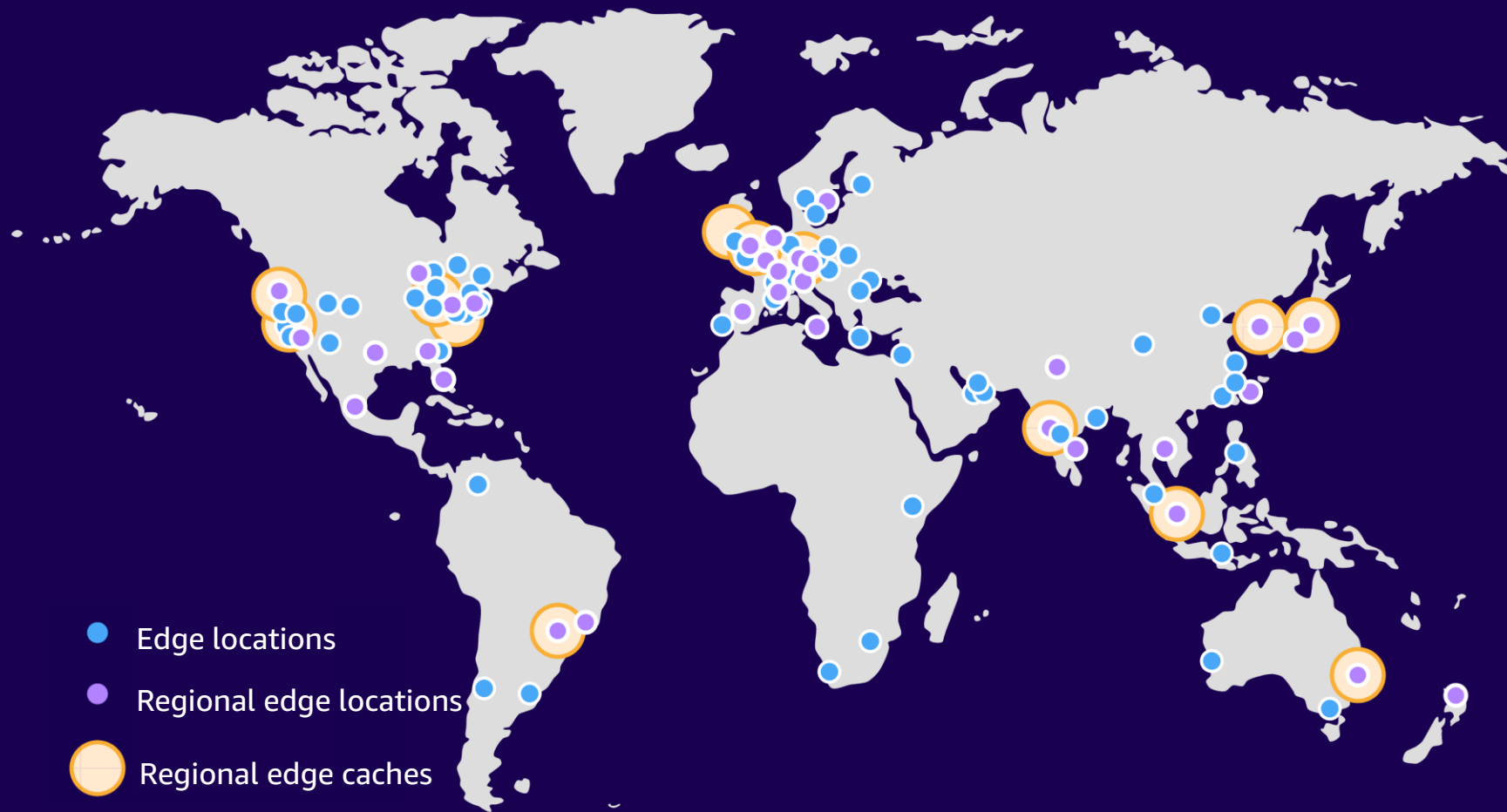
Cost- effectiveness



Costs vary by Region

Evaluate cost-effectiveness of replicating data to another Region

AWS global infrastructure



Edge infrastructure

- Amazon CloudFront (content delivery network)
- AWS Outposts
- AWS 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 Commercial Service Provider (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 facility managed & operated by AWS

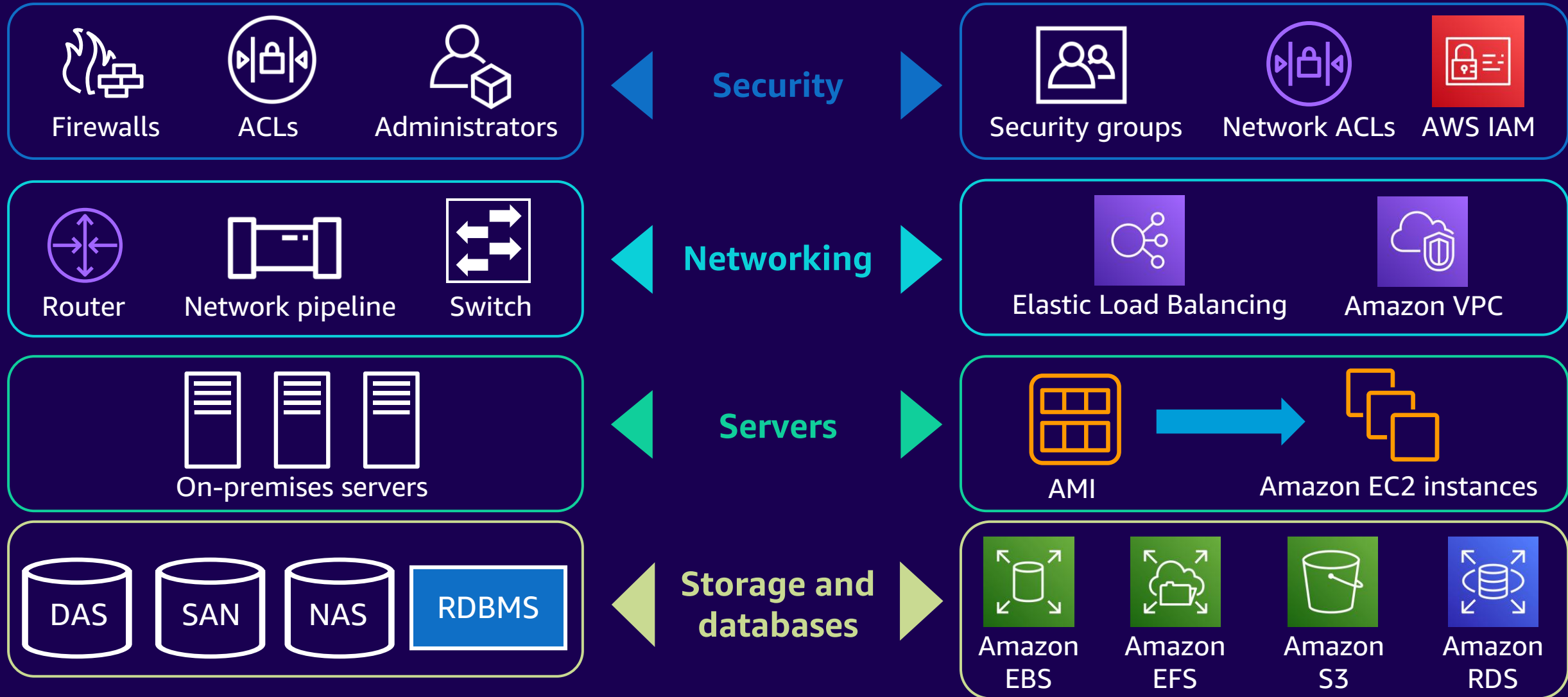
Scalable capacity in CSP data center managed and supported by AWS



More on this later!

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AWS core infrastructure and services



Key service areas

Compute

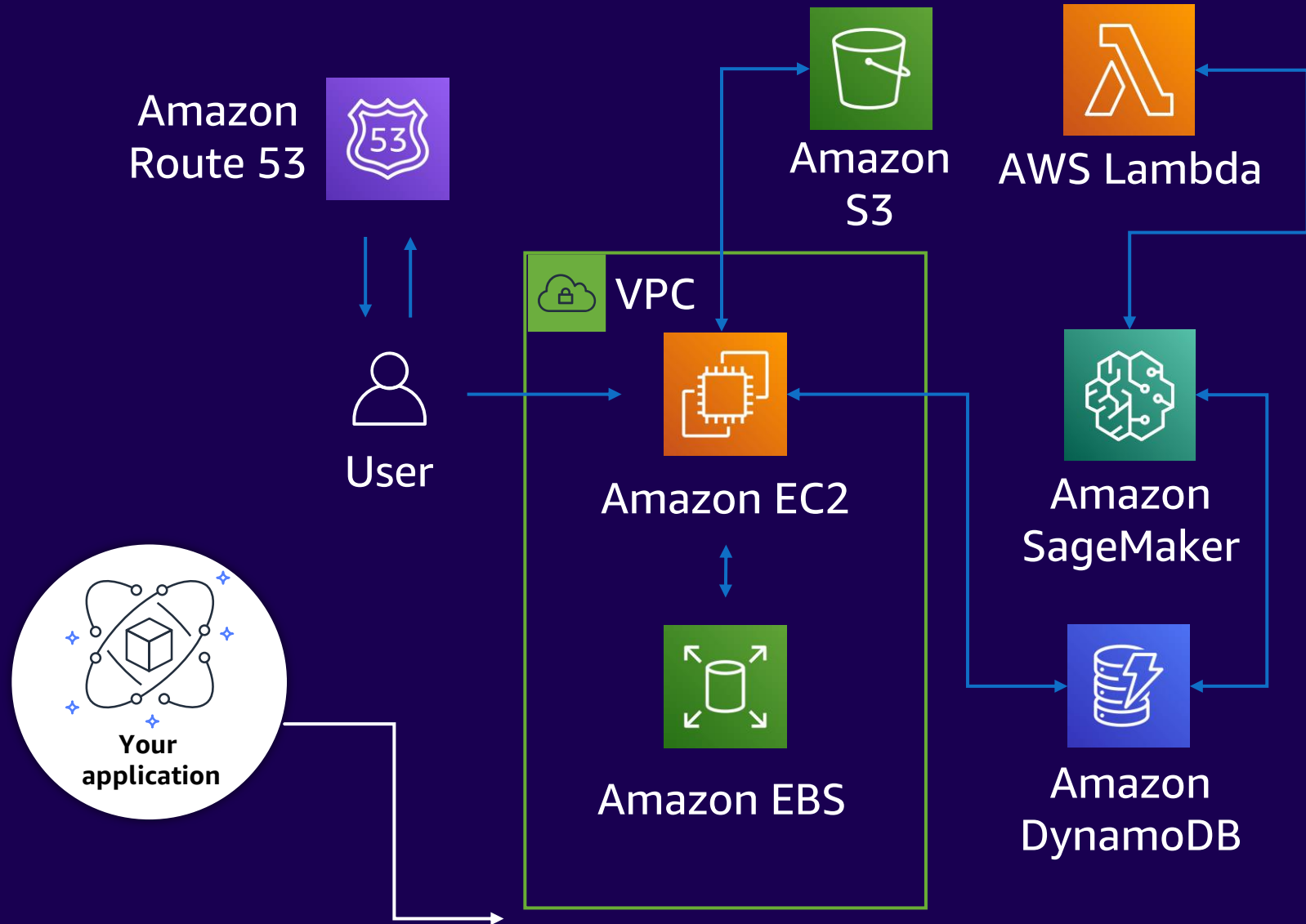
Storage

Databases

Containers

Serverless

Machine Learning



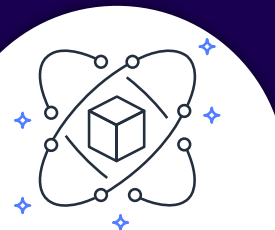
Cloud deployment models

On premises



**Your
application**

Hybrid



**Your
application**

Cloud



**Your
application**

Before we go on...

A few common cloud terms

- Cloud Computing
- Elasticity
- Auto Scaling
- Public Cloud
- Private Cloud
- Hybrid Cloud

Before we go on...

A few common cloud terms

- Infrastructure-as-a-Service (IaaS)
- Platform-as-a-Service (PaaS)
- Software-as-a-Service (SaaS)
- Serverless/Serverless Computing
- Big Data
- Generative AI

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Thank you!

