







## Agenda

1. About the program
2. Cloud Computing Basics
3. AWS Cloud
4. Storage Services
5. Q&A with Solution Architects

Last 30 Minutes

# Introduction - Program and Team

- What?

- [BeSA Website](#) and FAQ page

- Who?

- Core Team

- Alex Paramonov, Ashish Prajapati, Christelle Vinot, Jamila Jamilova and Prasad Rao

- Extended Team

- Andy Taylor, James Eastham

- Why?

- We are passionate about mentoring
  - Giving back to community

- When?

- Every Saturday 10 AM CEST
    - 8 AM GMT / 9 AM UK / 1.30 PM IST

- Where?

- Live Session – Twitch
  - Recorded Videos – YouTube
  - Resources – BeSA Website
  - Communication – LinkedIn Group

- How?

- Stage 1 – Technical Track
    - Open to everyone
  - Stage 2 – Behavioural Track
    - Up to 20 people for 1:1 mentoring

- How much?

- No cost
    - You manage cost of your AWS account if you use it for practice



# Intended Target Audience



- Focused toward IT professionals who wants to become Solutions Architect
  - Focus on technical and behavioural concepts (Stage 1)
  - Help you upskill for certifications (Stage 1)
  - Provide interview coaching (Stage 2)



# Disclaimers

- This is not a job guarantee program.
- This program is not affiliated with AWS. It is created by volunteers who work at AWS.
- Views shared by us are our own and do not represent our employer.
- In case of any conflicting information always refer to the official AWS Documentation.
- Program is run on best effort basis.





Become a Solutions Architect

# What is Cloud Computing?

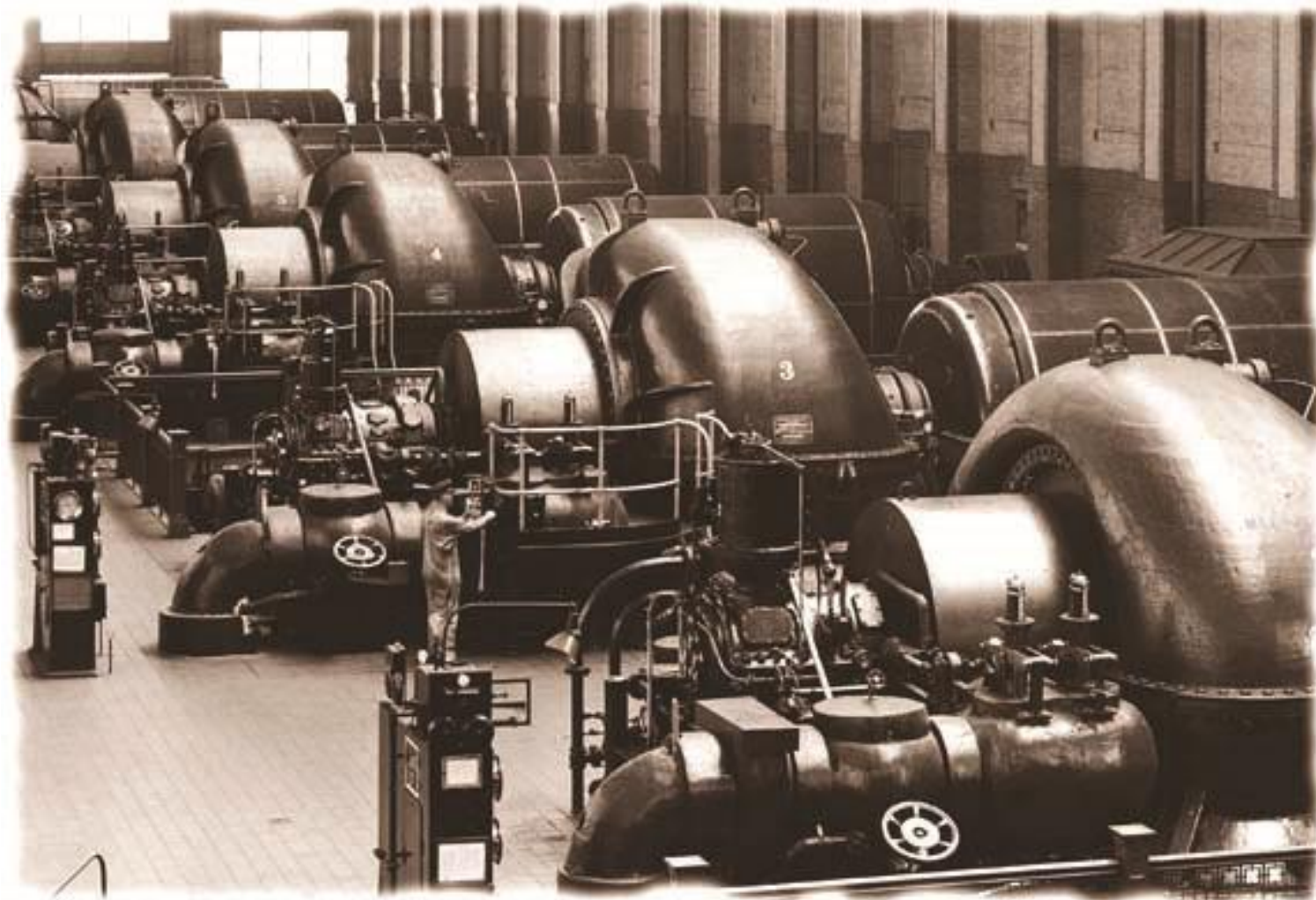






## Look forward by looking back...

- 100 years ago every electricity consumer built & maintained their own power station. **(Really!)**





# Challenges...

1



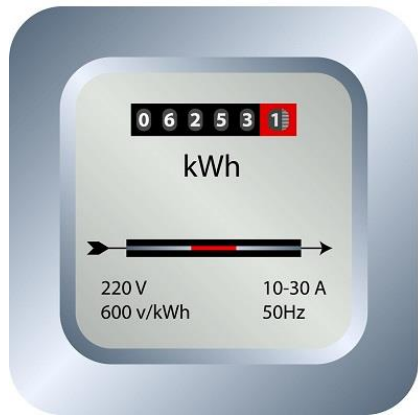
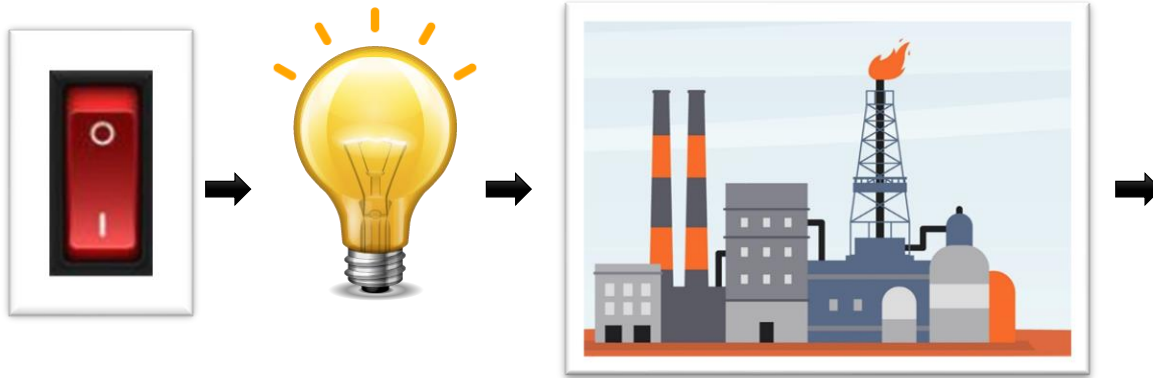
Initial Cost

2

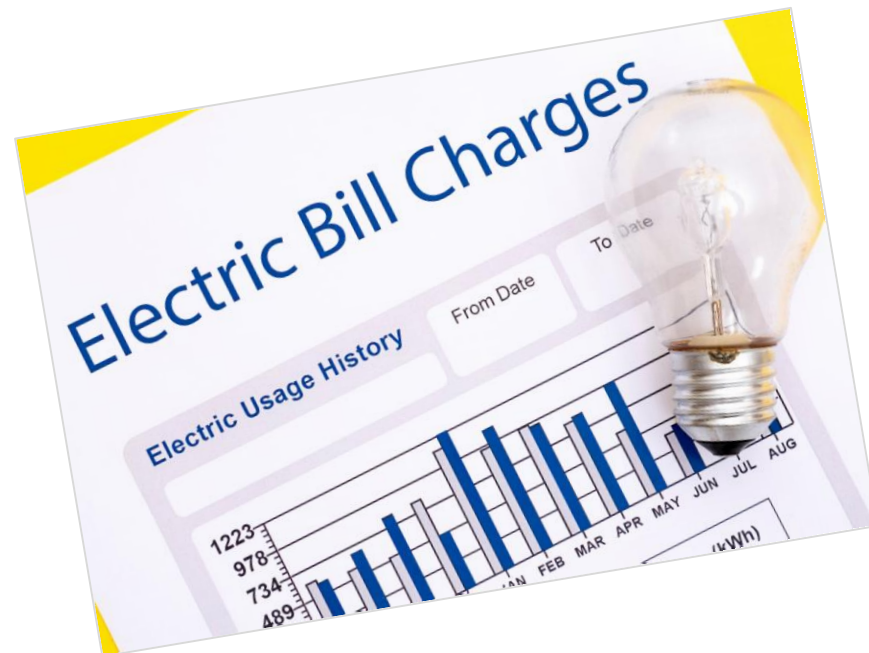


Ongoing Maintenance

# Now we just press a button

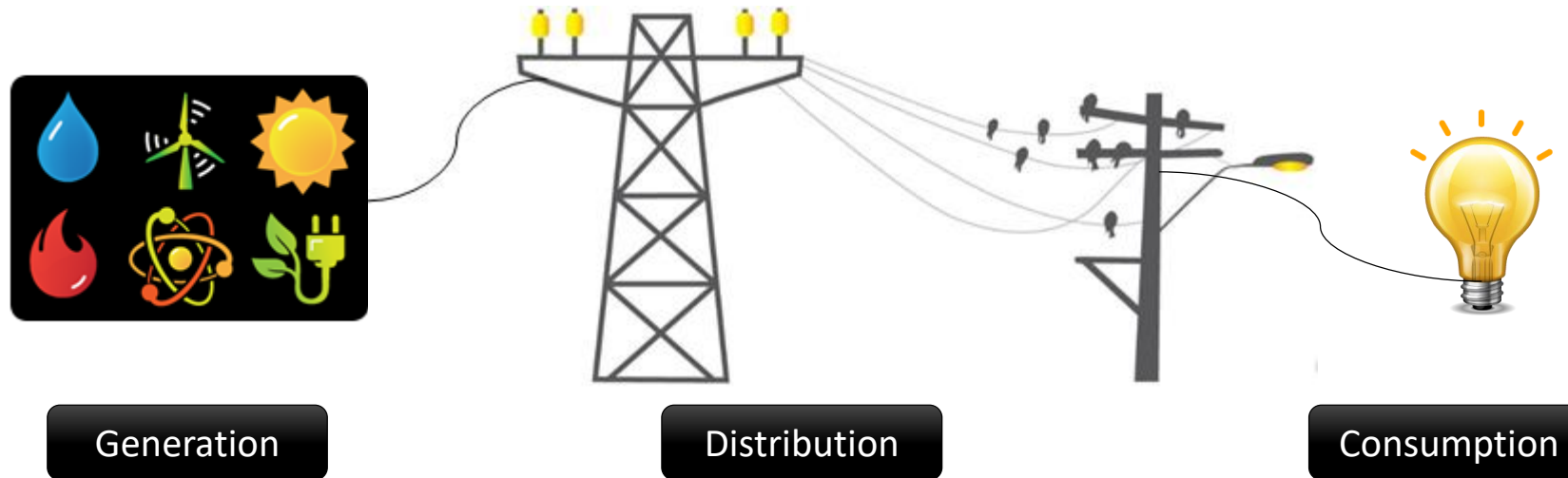


Pay as you use





# Let's Compare



# What is AWS?

- Cloud Platform
- Publicly Available from 2006
- Global Presence
- 200 + Services
- Utility Pricing
- Free Tier to get started





# Why companies are using Cloud Computing?

- Six Advantages of Cloud Computing



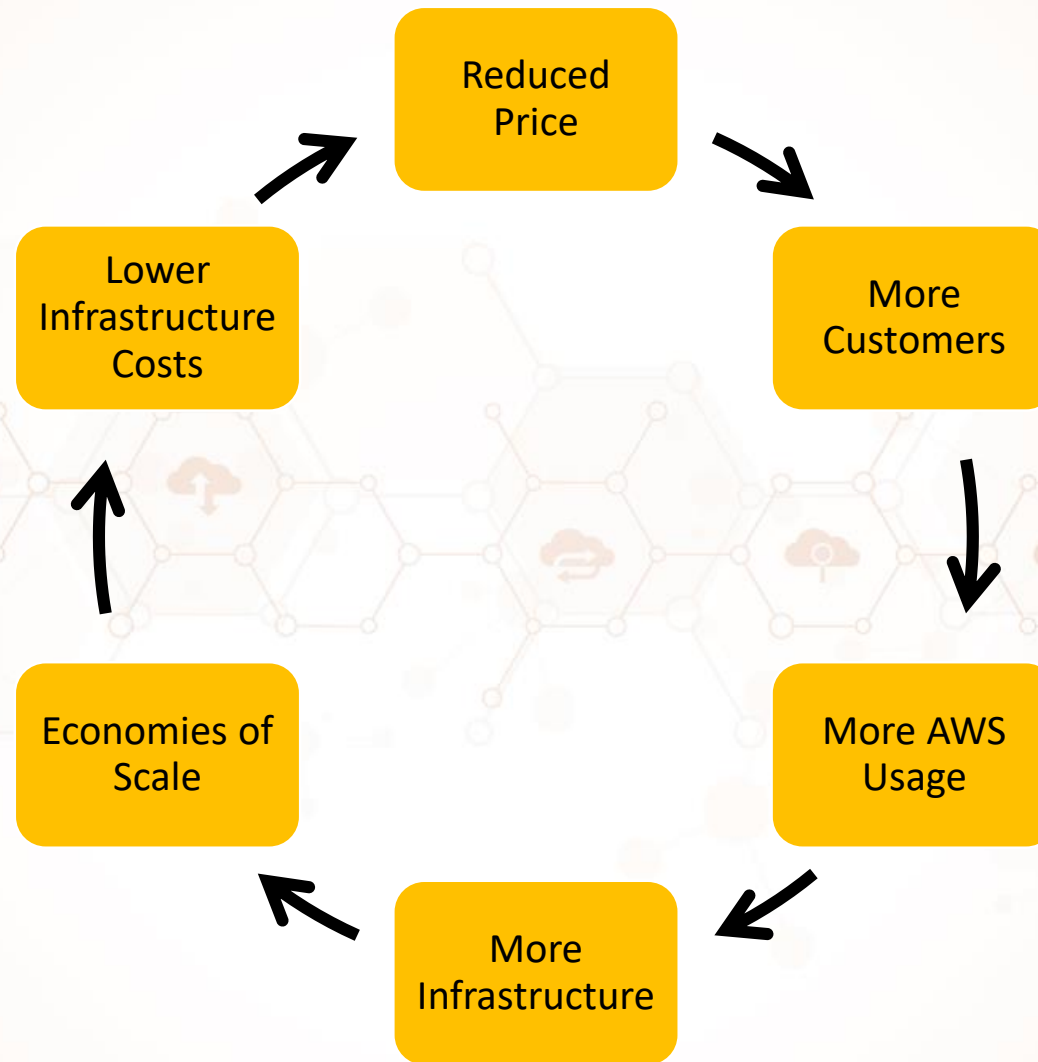
Trade capital expense for variable expense



Benefit from massive economies of scale



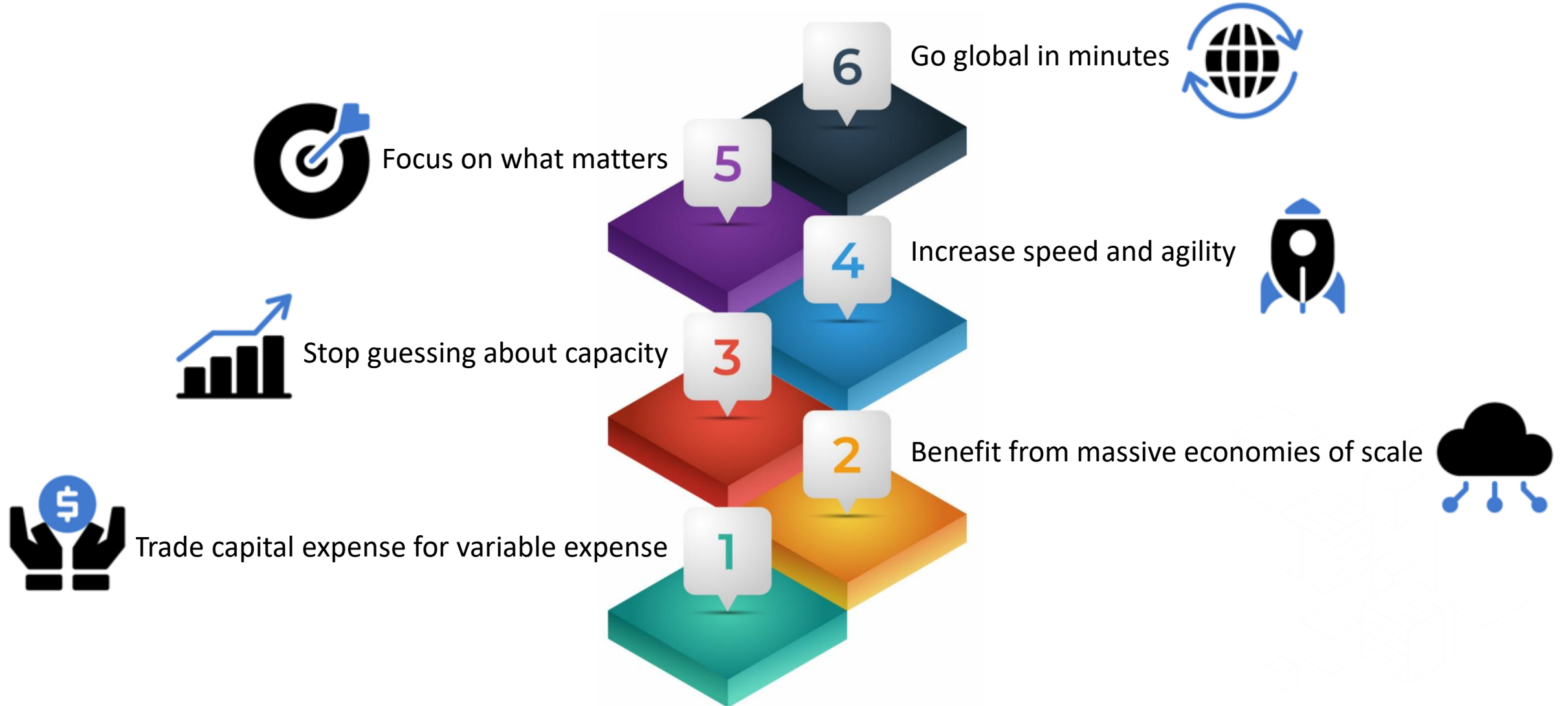
# Benefit from massive economies of scale





# Why companies are using Cloud Computing?

- Six Advantages of Cloud Computing



# AWS Services Stack



Platform  
Services

Databases

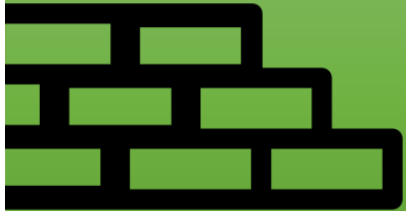
Analytics

App Services

Deployment

Mgmt.

Many More...



Foundation  
Services

Compute

Networking

Storage



Global  
Infrastructure

Regions

Availability  
Zones

Edge  
Locations





AWS Global Infrastructure

# AWS Global Infrastructure



<https://aws.amazon.com/about-aws/global-infrastructure/>



# AWS Datacenter

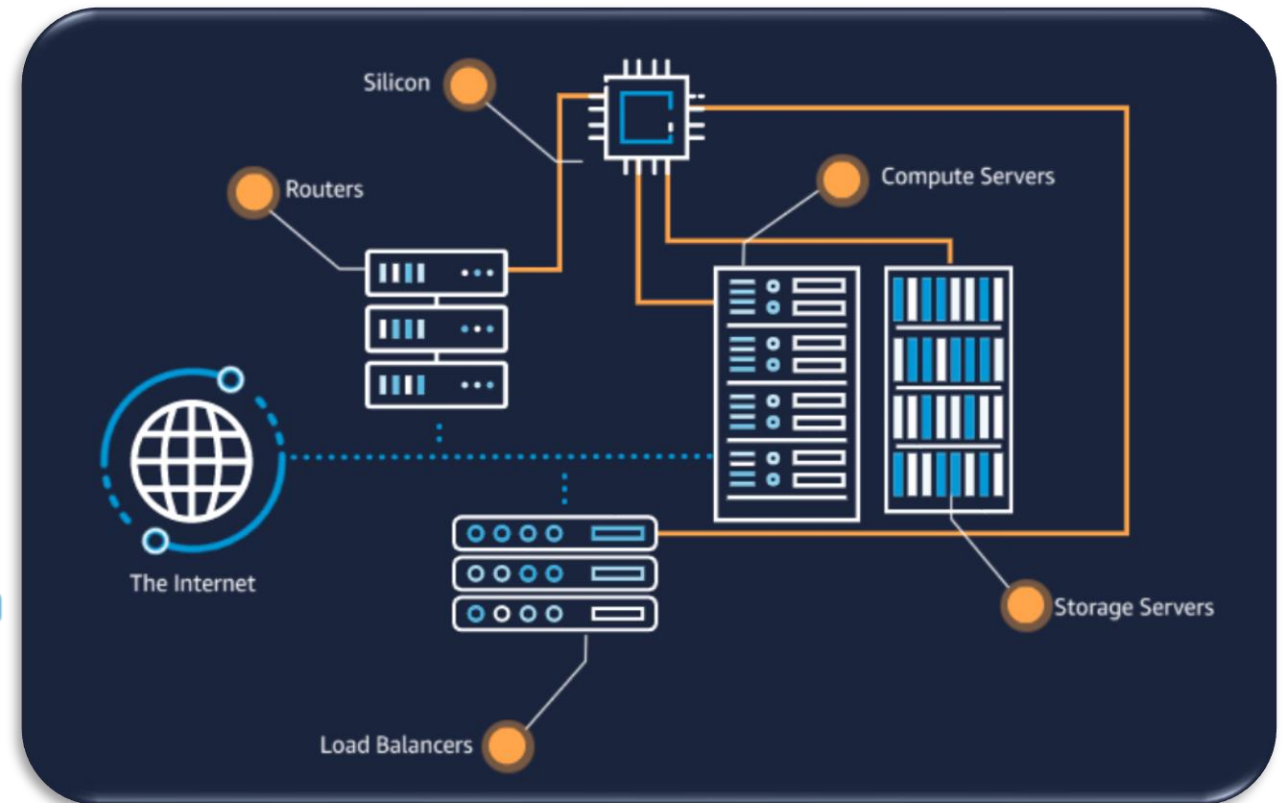


Server Racks



Datacenter

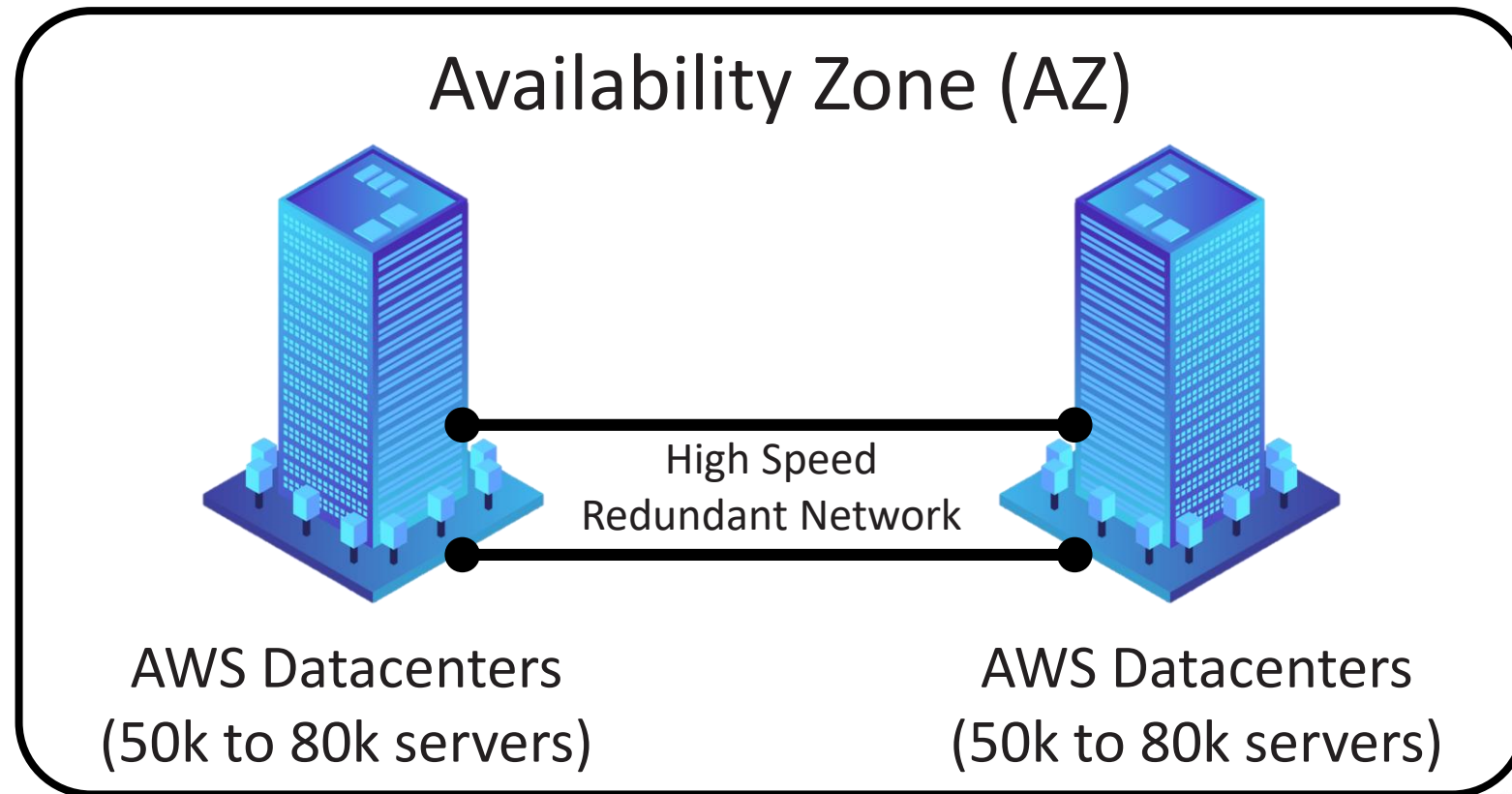
50k to 80k Servers and required components  
(e.g. storage/network)



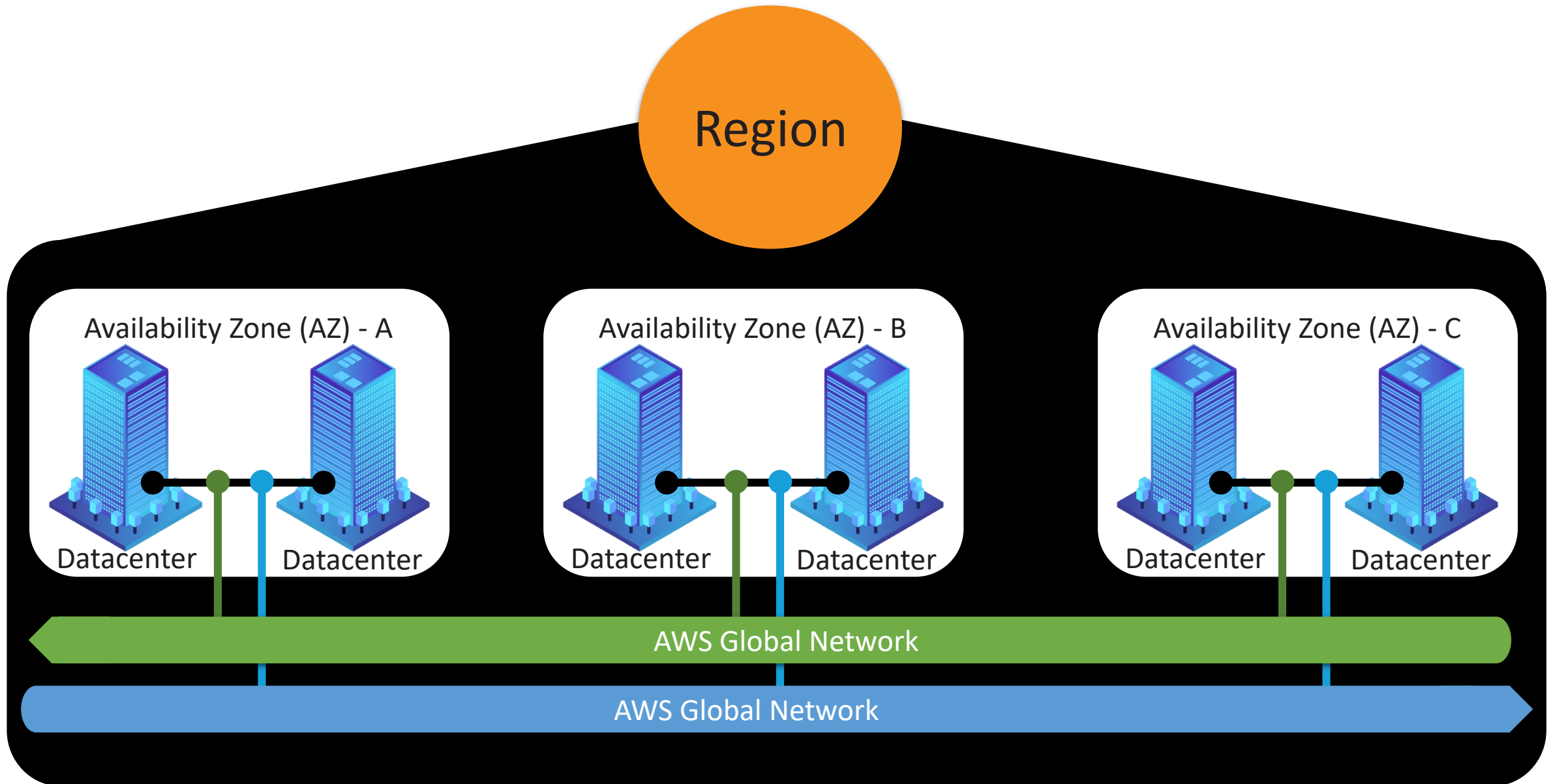


# Availability Zone (AZ) – Group of Datacenters

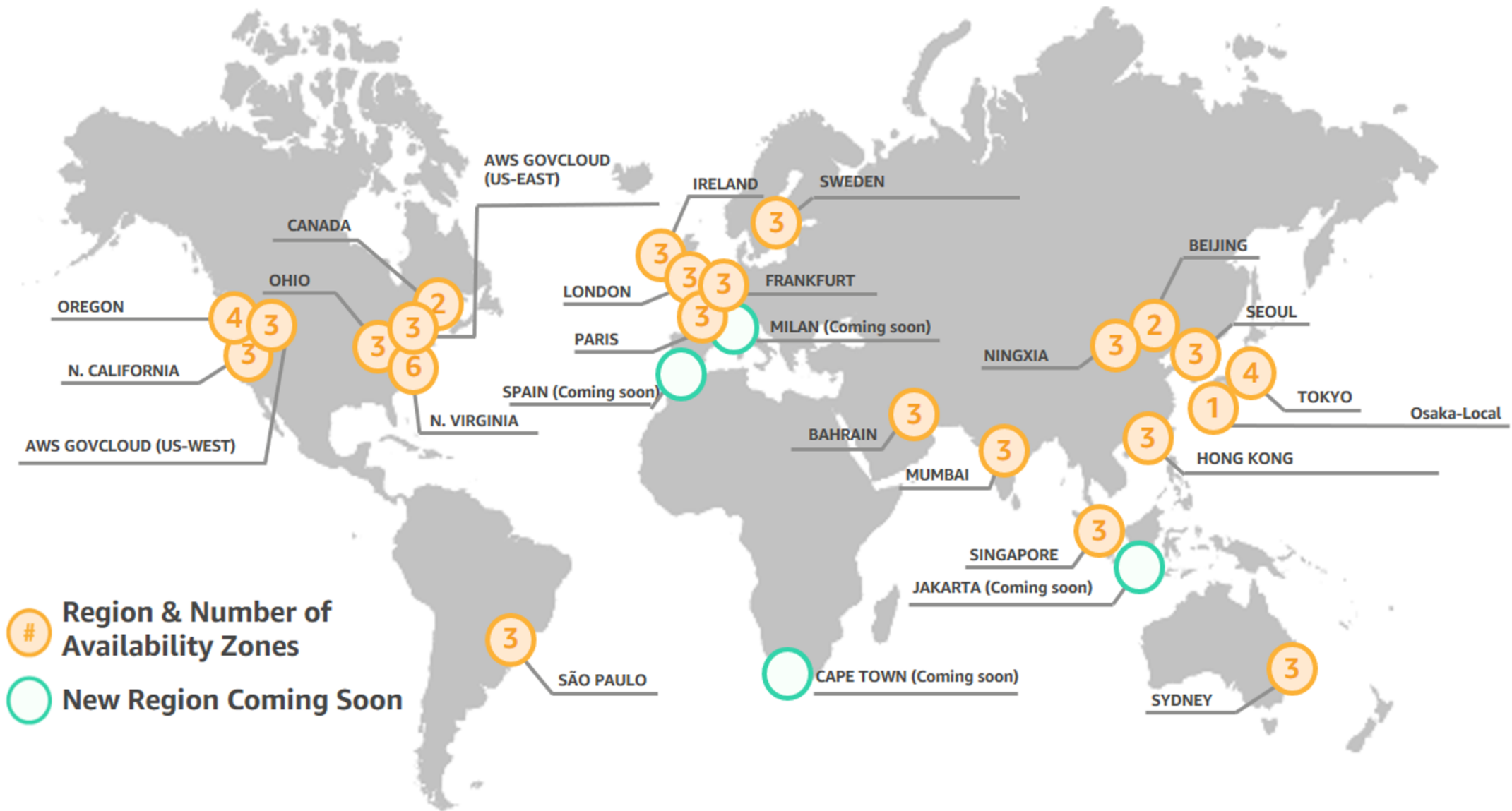
## One or More than one Datacenters



## Region – Group of AZs

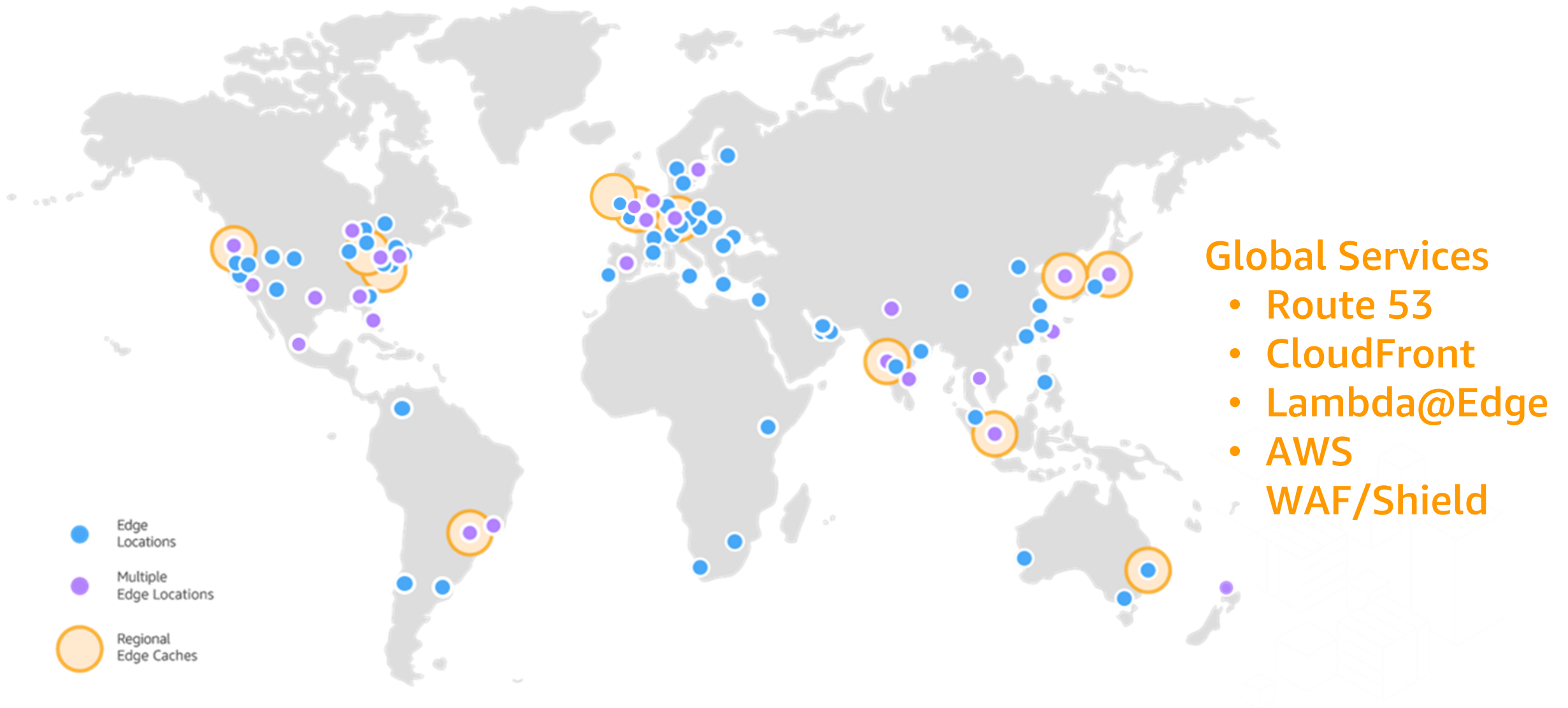


# AWS Global Infrastructure

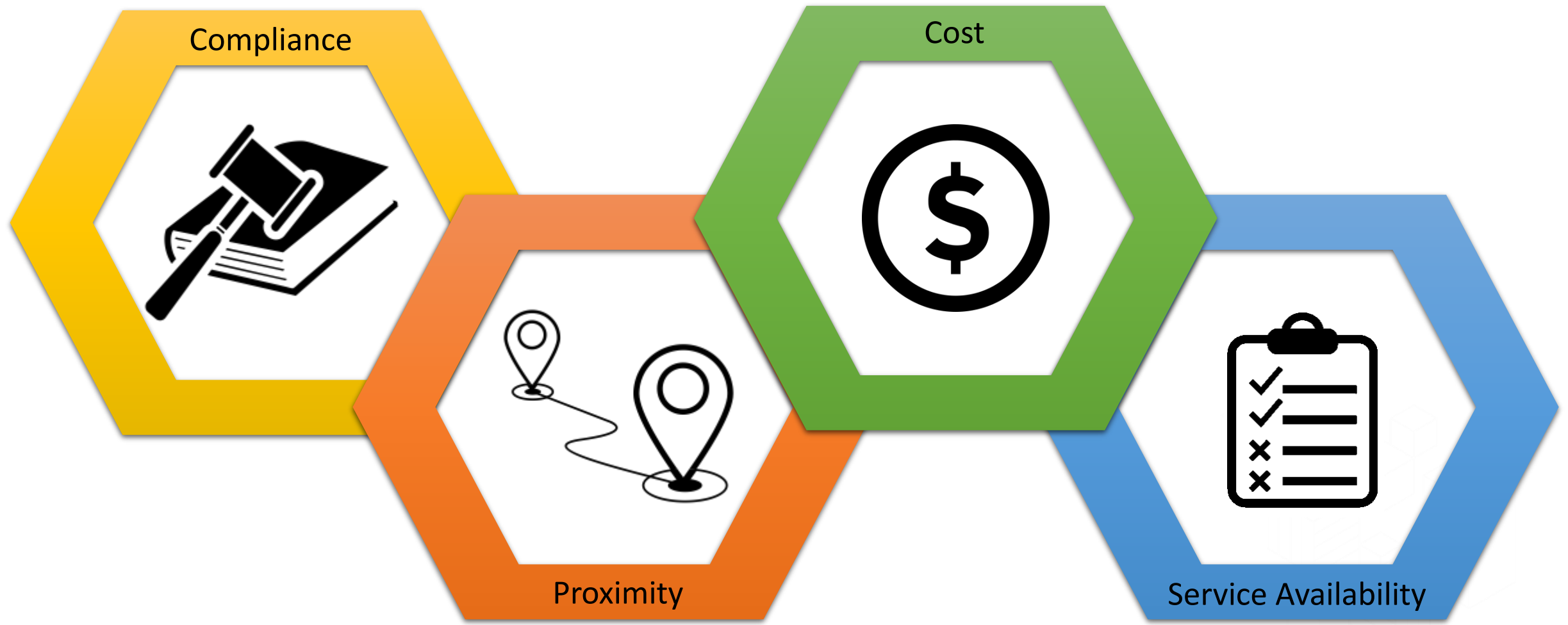




# 300+ Edge Locations / Point of Presence (PoP)



# Region Selection



# AWS Services Stack



Platform  
Services

Databases

Analytics

App Services

Deployment

Mgmt.

Many More...



Foundation  
Services

Compute

Networking

Storage



Global  
Infrastructure

Regions

Availability  
Zones

Edge  
Locations



# Let's hear from Solutions Architect @ AWS

## Q & A



Thank you for attending. See you next Saturday (14-May-2022)



For content check **Resources Link** on BeSA Home Page

