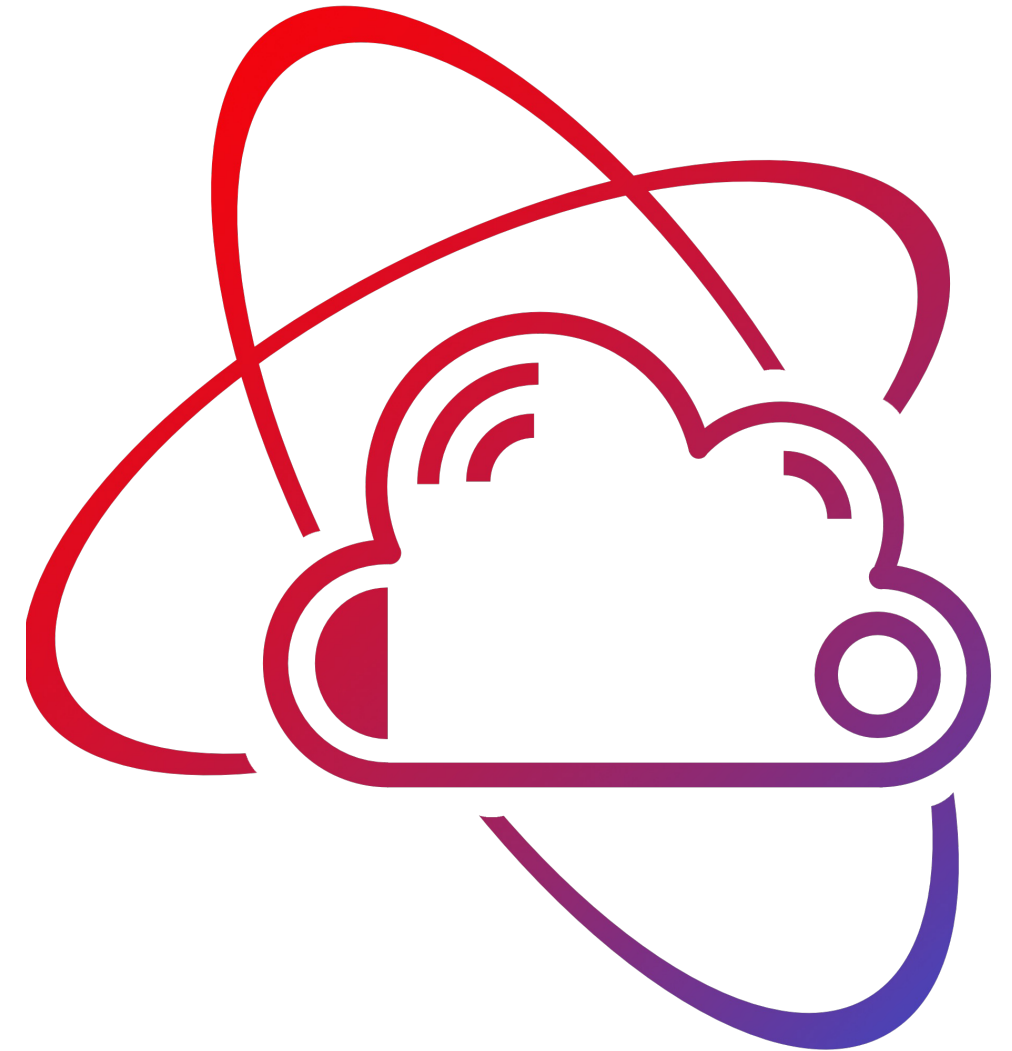
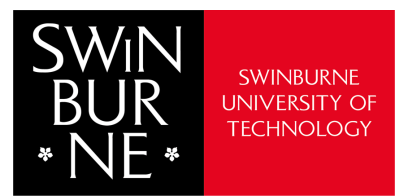


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# Cloud Computing Architecture

Introducing Amazon Web Services



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Image licensed under creative commons

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# Acknowledgement of Country

We respectfully acknowledge the Wurundjeri People of the Kulin Nation, who are the Traditional Owners of the land on which Swinburne’s Australian campuses are located in Melbourne’s east and outer-east, and pay our respect to their Elders past, present and emerging.

We are honoured to recognise our connection to Wurundjeri Country, history, culture, and spirituality through these locations, and strive to ensure that we operate in a manner that respects and honours the Elders and Ancestors of these lands.

We also respectfully acknowledge Swinburne’s Aboriginal and Torres Strait Islander staff, students, alumni, partners and visitors.

We also acknowledge and respect the Traditional Owners of lands across Australia, their Elders, Ancestors, cultures, and heritage, and recognise the continuing sovereignties of all Aboriginal and Torres Strait Islander Nations.

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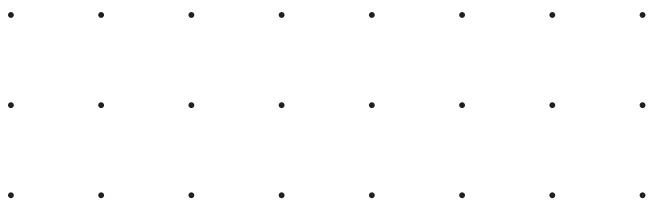
# Introducing Amazon Web Services

## In this Presentation:

- AWS Global Infrastructure
- AWS Core Services



Image from: <https://allcode.com/top-aws-services/>



# AWS Core Services



# Introducing Amazon Web Services

## What is AWS?

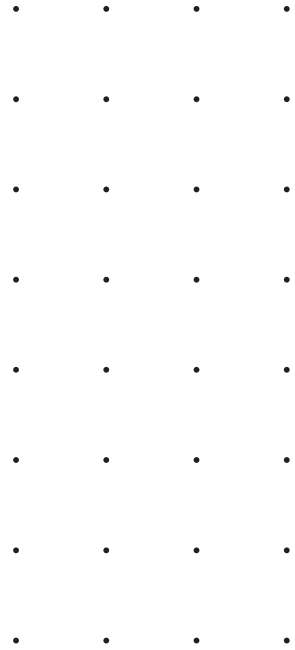
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- AWS is a **secure cloud platform** that offers a **broad set of global cloud-based products**.
- AWS provides you with **on-demand access** to compute, storage, network, database, and other IT resources and management tools.
- AWS offers **flexibility**.
- You **pay only for the individual services you need**, for **as long as you use them**.
- AWS services **work together** like building blocks.

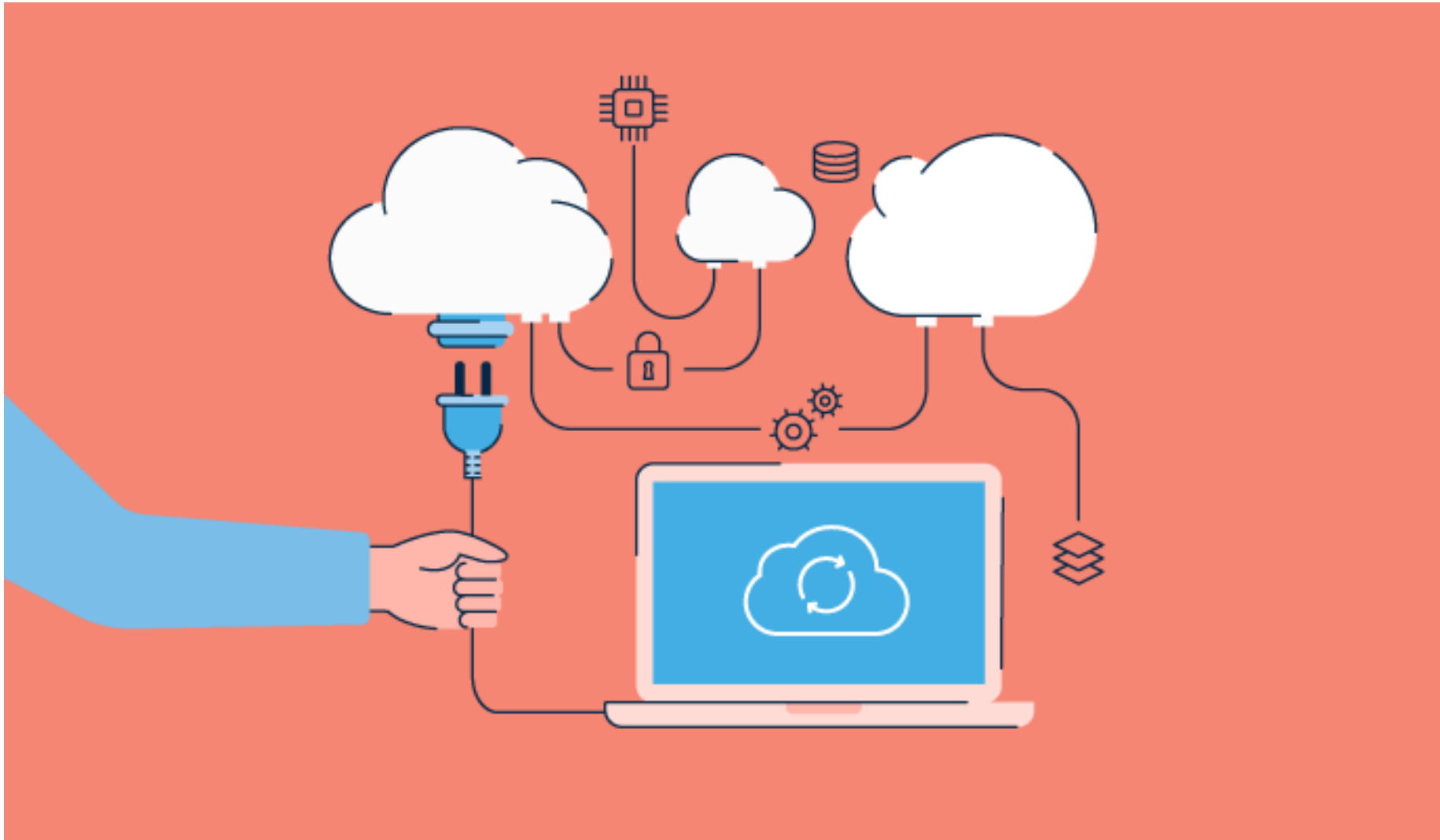


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# Introducing Amazon Web Services – On Demand



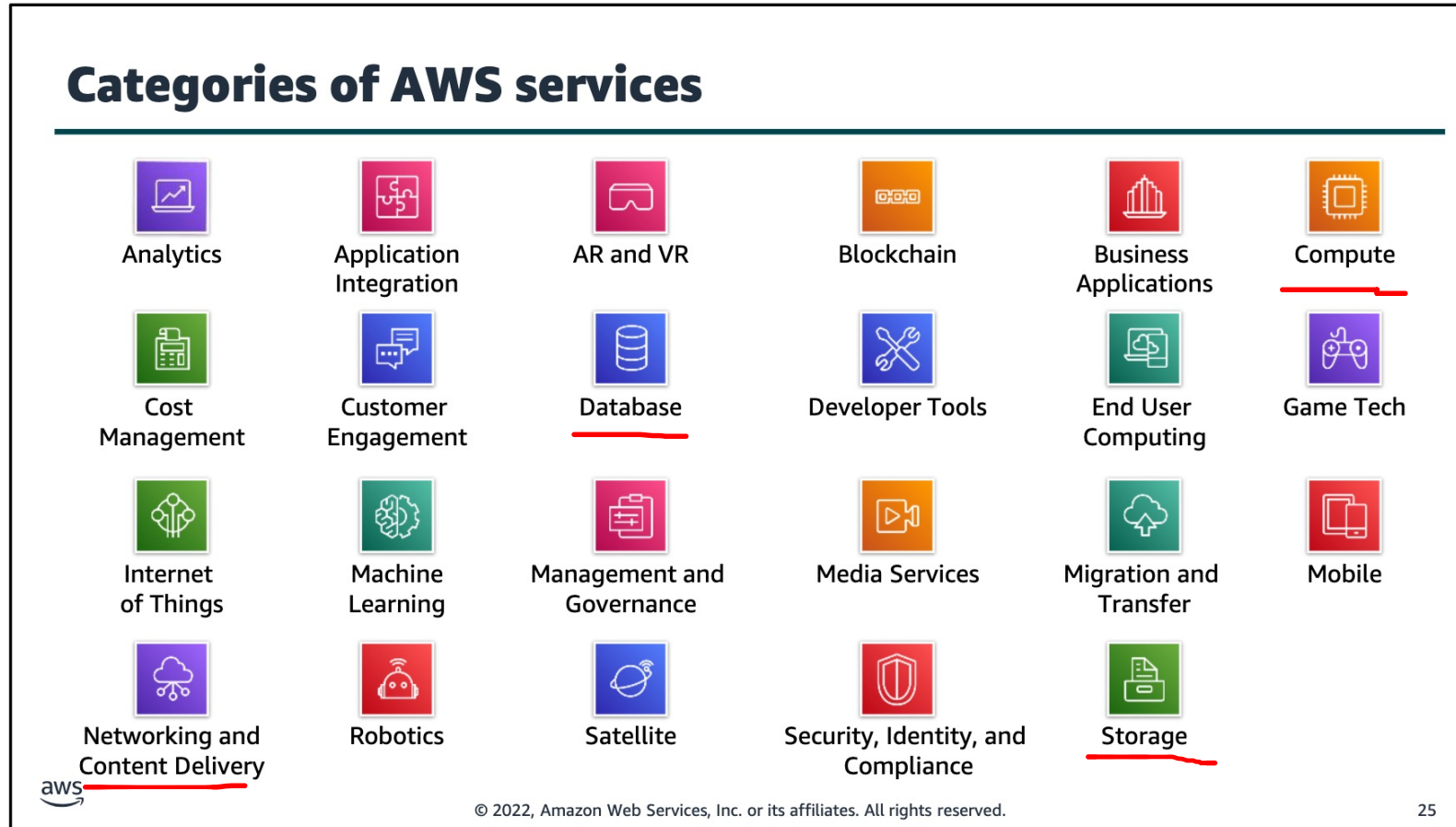
# Introducing Amazon Web Services – Flexible and Modular



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# Introducing Amazon Web Services



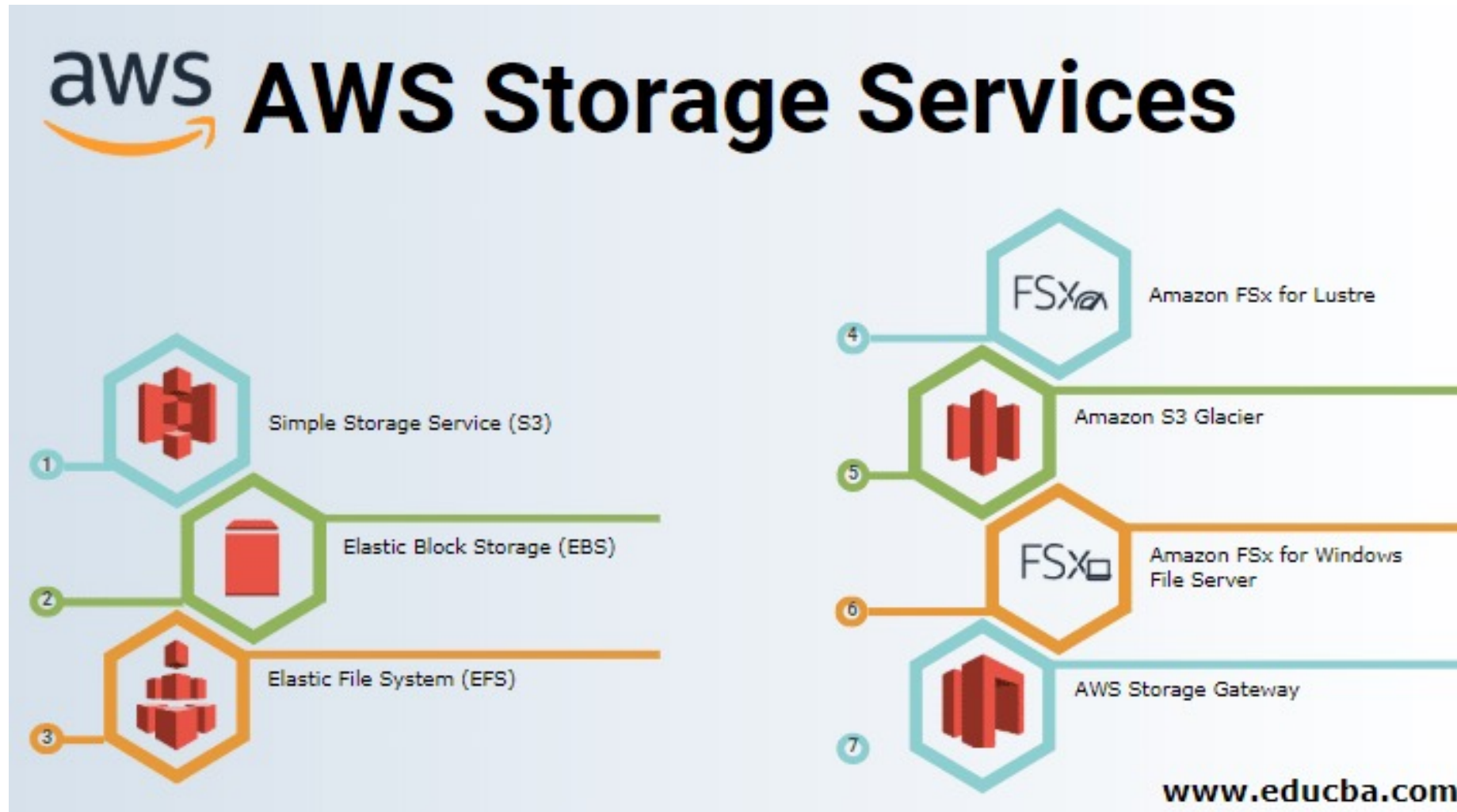


# Introducing Amazon Web Services - Compute



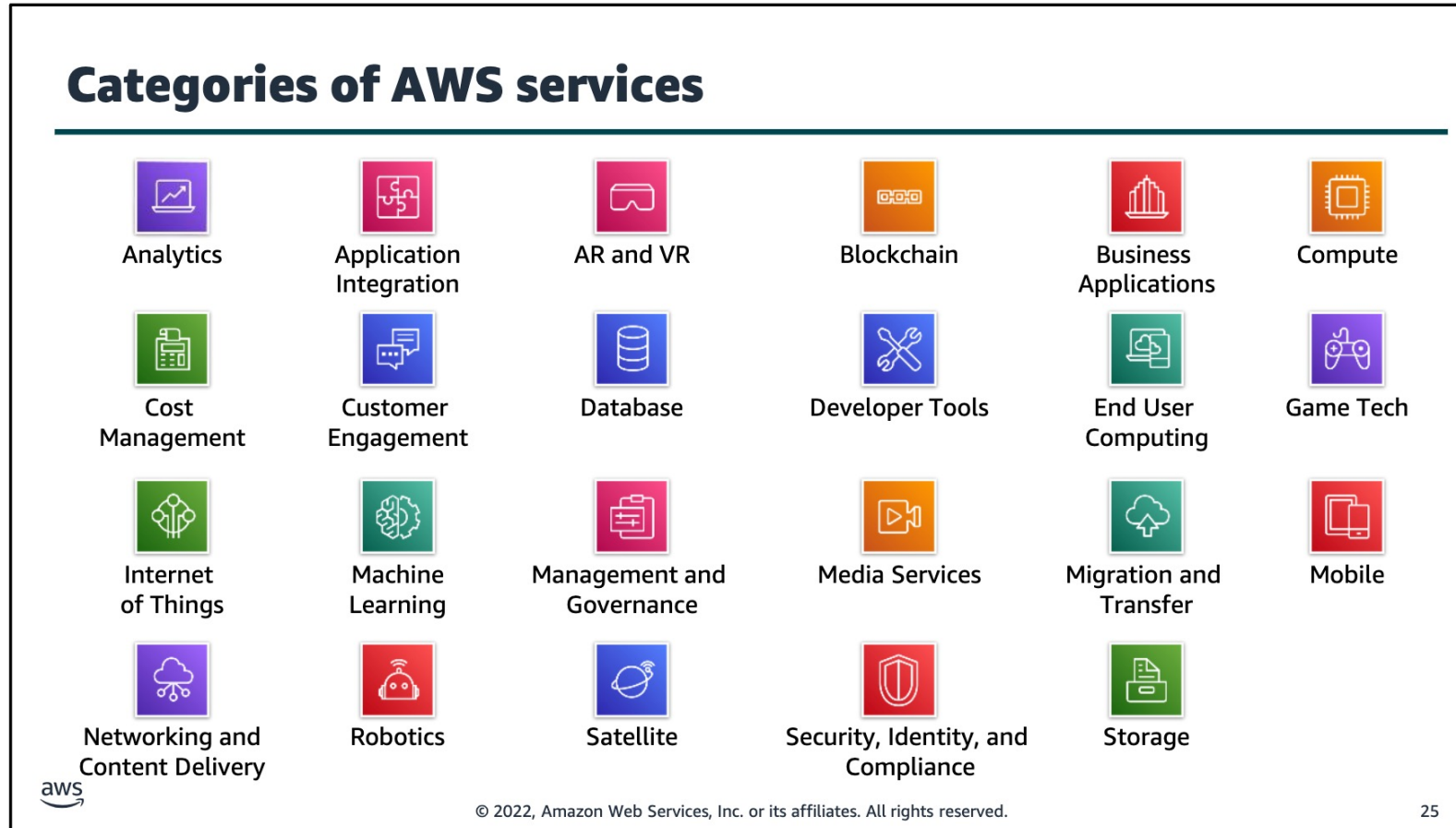
<https://dev.to/aws-builders/all-you-need-to-know-about-aws-compute-services-17gf>

# Introducing Amazon Web Services - Storage

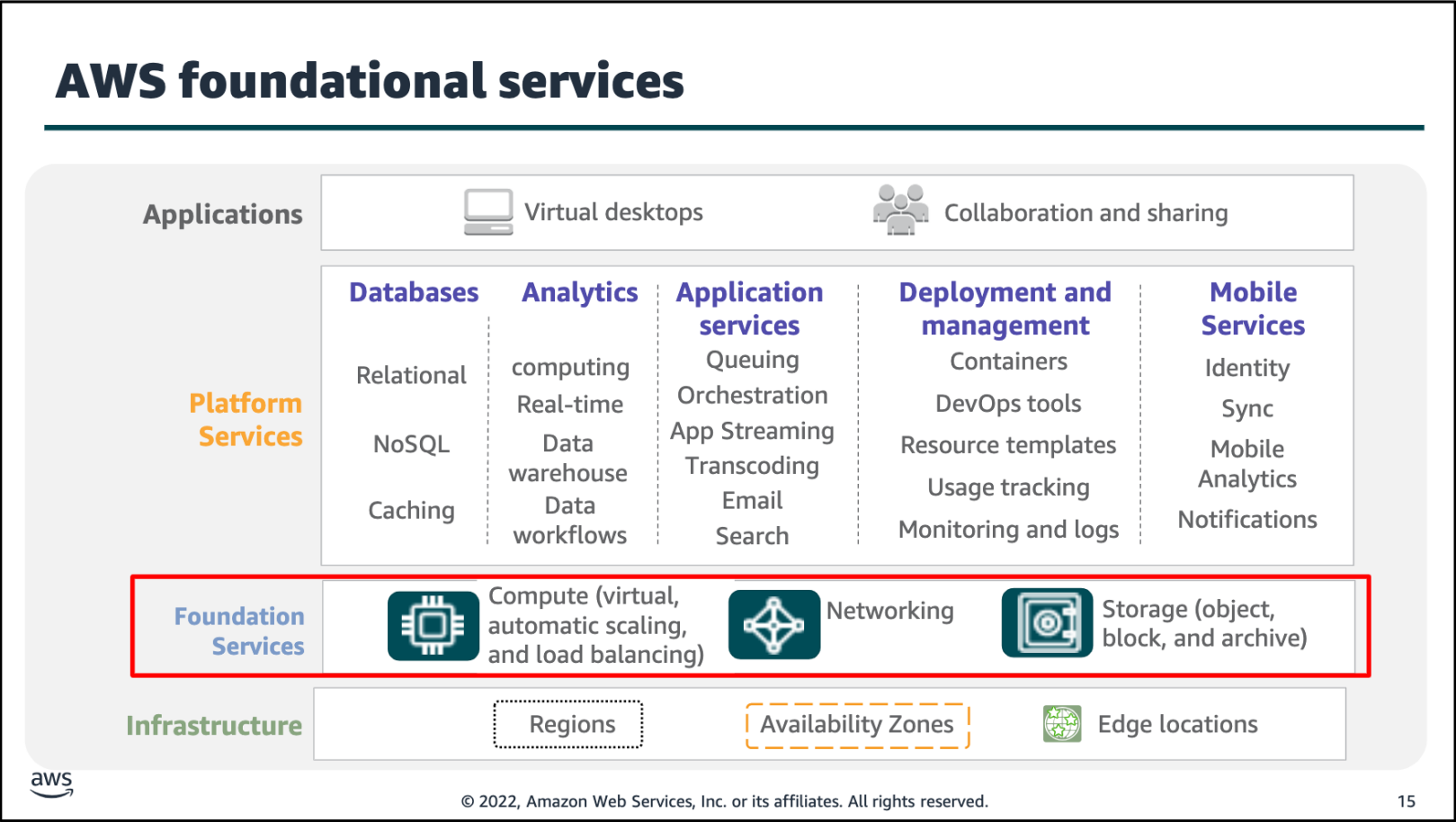


<https://www.educba.com/aws-storage-services/>

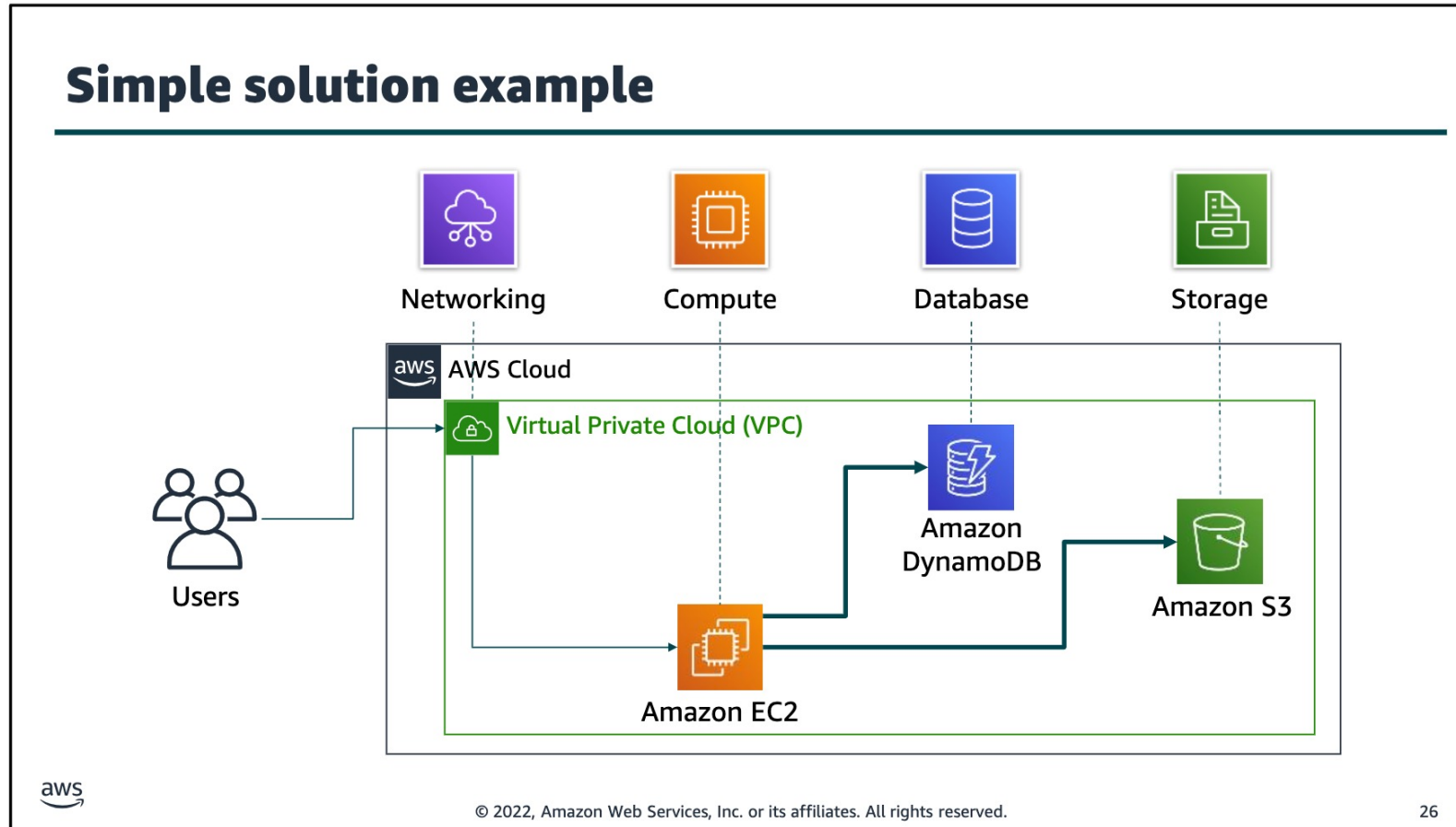
# Introducing Amazon Web Services – Databases and Networking



# Introducing Amazon Web Services



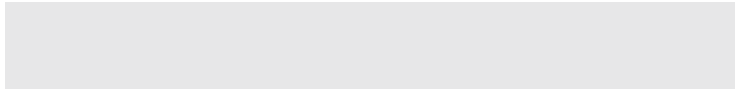
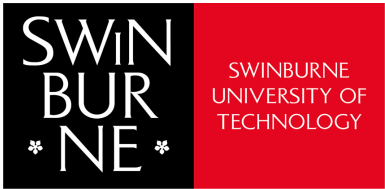
# Introducing Amazon Web Services



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# AWS Global Infrastructure

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# Introducing Amazon Web Services – Regions and AZs

## AWS Global Infrastructure Map

The AWS Cloud spans 99 Availability Zones within 31 geographic regions around the world, with announced plans for 12 more Availability Zones and 4 more AWS Regions in Canada, Israel, New Zealand, and Thailand.





## A 10x4 grid of dots. There are 10 rows and 4 columns of dots. Each row contains 4 dots, and each column contains 10 dots. The dots are arranged in a regular grid pattern.



# Introducing Amazon Web Services

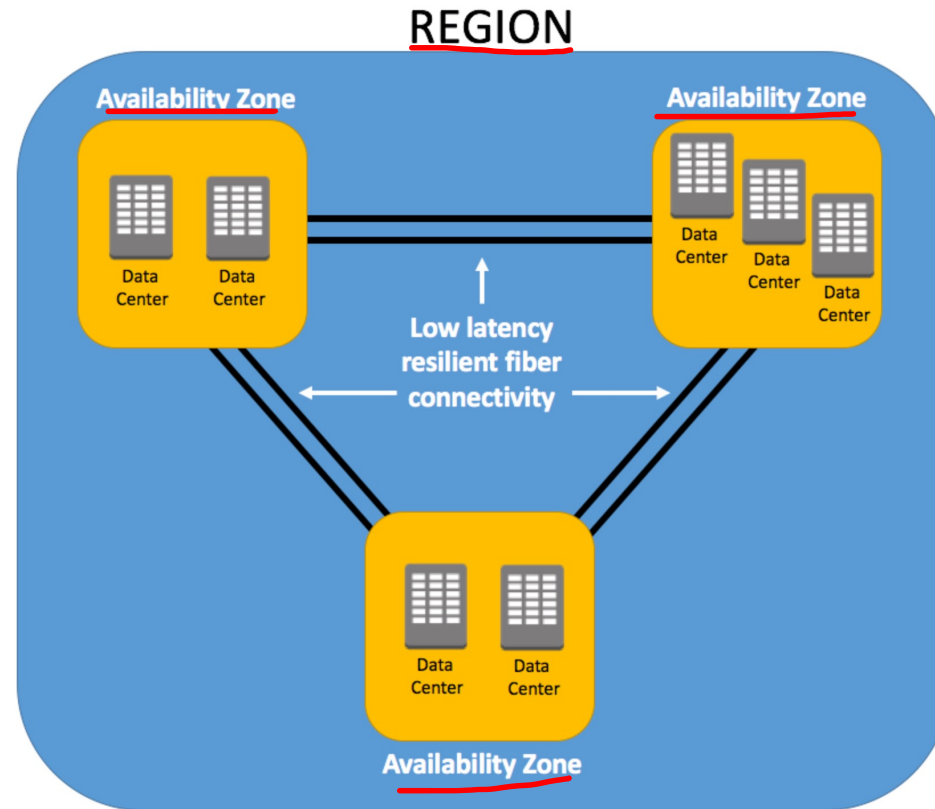


Image from: <https://cloudacademy.com/blog/aws-global-infrastructure/>

