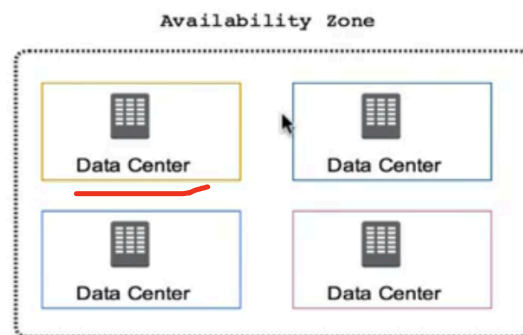# AZ(Availability Zone)

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Availability Zone

- AWS Data Centers are organized into Availability Zones (AZ)

- Each availability zone are located at lower-risk locations.

- There are multiple AZ and each of them is separate by geographic region

Availability Zone

Availability Zone - Part 2

- Each AZ is designed for independent failure zone.

- Thus, they are physically separated.

- The AZ are inter-connected with high speed private links.

- Each availability zone are located at lower-risk locations.

AWS Regions

- Each region contains two or more availability zones.

- AWS has 16 number of regions worldwide as of 2017

Amazon Web Services

Region	Availability Zone

Region — Availability Zone, Availability Zone, Availability Zone

Region — Availability Zone, Availability Zone, Availability Zone