

1) AWS use cases

- ① AWS help you to create sophisticated and scalable applications
- ② AWS helps your application across set of industries
- ③ Use case of AWS is
 - ① Business IT, Backup & storage, Big Data analytics
 - ② Gaming ③ Web hosting, mobile & Social app,

② Infrastructure of AWS

AWS

1) Regions

②

AWS Availability Zones

2) AWS Datacenters

③

AWS Edge points or points of presence

Regions : A cluster of Datacenters are called Regions.

Name of DC used us-east-1,

AWS services are region based

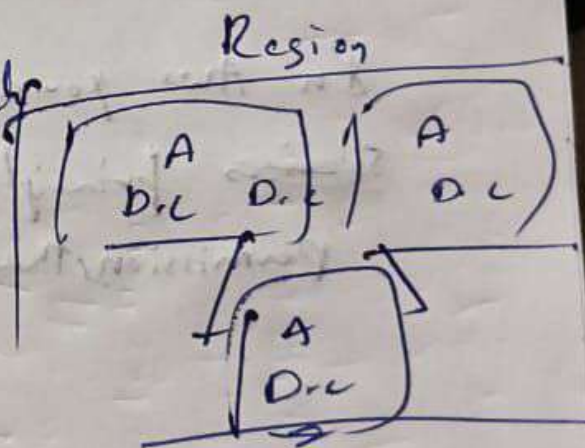
How to choose AWS Region

- ① Compliance with governance
Data never leaves region without explicit permission
- ① Proximity with customer
- ① Availability services with Region
- ① Pricing vary region to region

Ans Availability zones

- ① Each region has many availability zones (3 or 6) mostly 3
- ① Each availability zone has one or more Data Centers

- ① They are separated from each other so that they are isolated from disasters
- ① They are connected with high bandwidth ultra low latency network.



IAM: Identity & Access Management
Global Service

Users & Groups & Permissions

Users are people with your organization
and can be grouped.

Groups only contain users not other
~~people~~ groups

Policies: Users and groups can be
assigned to JSON documents
called policies

The policies defines their permissions
of the user.

In AWS you can apply least privilege
~~services~~ principles don't give more
permissions than a user needs