Public Cloud:

- -> everything runs on cloud provider I hardware
- -> in sare cases, it may not meet some of unique buginess requirements

Private Cloud:

- -> Same as on-premise data-centre but the data-centre is located in a remote location.
- -> must achieve the keycharecteristics of the cloud

Hybrid cloud:

-> Combines private dond and/or on-premise infrastructure with public cloud.

Data Couter:

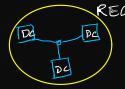
- -> Physical location with its own
 - power
 - → Network
 - → conting

that hoses group of networked Samers.

Regions:

low-lat<2Ms

→ heographical area where one or More Des are connected with low-late network.



TDd ped > Region can have Just the Dc too

UK-South - UK-West NOT all Services are available in all regions

Availability Zone:

Fault tolerance mechanism that groups one or more Des within a a region called Availability zone.

bow let Lzmb



- → A2 are for enough about to reduce muliple local butogs like weatherfeloc
- → Nivrosoft make sure updates are applied to one A2 at a fine
- -> Zonal and zone-redundant
- > Az numbers are logical number assigned tophytical Az and change from Sulo to Sub.

Region pars:

7 Rogions are baired for DR and they are atteat 300 miles apart from each other but with Same goog raphy (except Brazil)

- > [Flood, Strom, Earth Quake]
- -> Region paix are static.
- Whates wont happen to paint regions at the same time

Creography:

Discrete marriet with two or more region to ensure

- -> duta residency provides for for
- -> sovereignty -> Rosilience
- 2 compience

rogion level failures.