**AWS Global Infrastructure**

Cloud Infrastructure of AWS has different layers :

* Application Layer
* Platform Layer
* Infrastructure Layer
* Virtualisation Layer

**# Regions and Availability Zones**

* Amazon Resources are hosted in multiple location worldwide
* These location are composed of regions and availability zones
* Each region has a separate geographical area and Each availability zones (AZ) is in different latitude so that if one region or AZ’s is destroyed due to disasters then other regions don’t get affected
* Each regions has multiple isolated locations known as Availability zones
* Each region is completely independent.
* Each Availability zones is isolated but the Availability zones in a regions are connected through low latency link.
* Apart from AZ’s there are other different data regions as well, like Edge location and Edge Cache

**#AWS Brief – Day-3**

1. Amazon cloud front employs a global network of edge location and edge cache that copies your content close to your viewers.
2. As of now AWS global network has 116 points of presence.
   1. 105 Edge Location
   2. 11 Regional Caches in 56 cities across 24 countries.
3. Few Services are only can be created globally. Apart from them we can create services in our regions only.