Link: <https://lex.infosysapps.com/web/en/app/toc/lex_auth_012638472045789184157/overview>

AWS Global Infrastructure:

Certain Services ---- AWS --- S3, SNS, SQS --- replication – AZs inside Mumbai

Backup, Snapshots

Mumbai

AZ1 – Application running AZ1 – module is critical/ How much impact on business that module has

Client --- Ready certain for a back up of this module

AZ2

AZ3

Ohio

N.Virginia

How to chose in which region to host my application

1. Close to end-user --- Latency is less

450+ Edge Location --- Small AZ which is mainly used to cache data

EC2 --- IaaS – Elastic Compute Cloud ---- Host application/Database ---- Virtual Servers in cloud

Golden Image --- Template --- Windows OS + One-Drive + Genie + Software House

An AMI is a template that contains the software configuration (operating system, Packages, Software, Libraries ) required to launch your instance.

AWS --- Linux OS

1 EC2 --- 24 hours \* 31 days === 744 hours

2 EC2 --- t2.micro --- same region/ 1 Mumbai / Ohio --- 1,488 hours --- 738 hours

Who can log into your EC2 instance – Key Pair – Public + Private key --- EC2 --- Public --- AWS --- Encrypted --- Login --- Private key --- only with the private key --- The public key can decrypted

123.45.67.86/20 ---

EBS --- Hard Disk --- associated to your EC2 ---- OS + Application + Data

1 EC2 --- 10 GB + 10 GB + 30 GB ---- add more EBS volume to your EC2

EC2 --- AZ

**sudo yum update -y** ----------- packages be updated

**sudo yum install httpd -y** ------ install and start apache web server

**sudo service httpd start**

S3 --- Store data --- Simple Storage Service – Images, codes, templates, csv, excel --- google drive ---- not OS

Create a Bucket --- Create an object --- Max 5TB --- No restrictions inside a bucket there can be how many object

S3 --- Storing + Data retrieval =🡺 2 + 0 - 2

Storing paying less + Data retrieval charge 🡪 1 + 0.50 + 0.50 + 0.50 + 0.50 --🡪 3