Q AWS S3:

S3: Is a Simple Storage Service, upload,retrieve and process the data.

It also act as a version control by using the feature called versioning.

Advantage:

Availability:99.99%

Durability:99.999999%

Unlimited storage- 5TB data can store in object.

One account can create 100buckets.

Name of the bucket is unique.

Limitation:

.exe file is not allowed to up-lode

We cant's installation s3.

5gb object is free for free-tier account

We can create our bucket in public access and versioning (if some one changes made on file, 1file is exit)

2types of encryption:

1. Disable
2. Enable: Amazon s3 key(AWS side encryption), AWS key managed service key.

S3 static website policy:

{

"Version": "2012-10-17",

"Statement": [

{

"Sid": "PublicReadGetObject",

"Effect": "Allow",

"Principal": "\*",

"Action": "s3:GetObject",

"Resource": "arn:aws:s3:::putami/\*"

}

]

}

VPC

IP:Internet protocol

Public IP: It’s unique name for servers(email)

CIDR- Classless inter domain routing(range upto32 to 1)

Algoritham:8.8.8.8

10.5.20.0/24 ->32-24=2 power of 8 =2\*2\*2\*2\*2\*2\*2\*2 =256(10.5.20.0 to 10.5.20.255)