Assignment for this week

Create an S3 bucket ,

Bucket should have versioning , CRR , Lifecycle rule enabled.

Also should have a static website hosted on it.

Bucket policy should restrict all users to put new objects in the bucket .

…………………………………………………………………………………………………………………….

S3 Bucket Policies Use Cases:

{

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

"Statement":[

{

"Sid":"PublicRead",

"Effect":"Allow",

"Principal": "\*",

"Action":["s3:GetObject","s3:GetObjectVersion"],

"Resource":["arn:aws:s3:::*awsexamplebucket1*/\*"]

}

]

}- Only users belonging the IAM Group BI-Team in the specified account are allowed full access.

- Users inside this Group should only be able to Upload,Delete Objects from specified Organization's Public IP(This can be your IP)

2)User should be able to access the S3 Objects only from a particular Domain:

- Like only users accessing www.flipkart.com, Objects should be accessible when access is tried from this domain only.

3) Only Root user should be able to delete objects or buckets in S3.

Acceptance Criteria:

- Apply the policy and test all the positive and negative cases to be sure that Policy Works in all scenarios.

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>..

Create 3 Users in IAM :

- Create a S3 Bucket in North Virginia Region.

- Create a "home" directory under this Bucket in NV Region.

- Create directories like : home/user1, home/user2 , home/user3 in the same Bucket.

- Create a IAM policy that should only allow specific IAM users to upload files in their respective folder only.

- For e.g : user1 should only be allowed to download and upload files in "home/user1" directory.

Also, user1 should not be able to view,list,download,upload any data in another user's directory.

- Enable CRR on this Bucket to another region for Backup.