* S3 BUCKET CREATION

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* Sign in to AWS console, search for S3 service.
* ﻿﻿In S3 dashboard click on buckets and click on create bucket.
* Give unique bucket name and select the region as required.
* Under Object Ownership, select ACLs enabled so that objects in this bucket can be owned by other AWS account.
* ﻿﻿Uncheck Block all public access so that public access is granted to buckets.
* Enable bucket versioning.
* Click on create bucket.
* Bucket is successfully created.
* select the bucket and to add the file click on upload.
* click on add files and select the file which has to be uploaded.
* ﻿﻿the file has been selected which has to be uploaded the bucket.
* After selecting the file scroll down and click on upload.
* To add permission to the file select on the file which has been uploaded to the bucket and under permissions click on edit.
* Give public access i.e. read and write.
* And click on save changes.
* select the file which was uploaded and click on properties and copy the object URL.
* paste the object URL in the new chrome tab. we can see the content in the file which was uploaded in the bucket.

S3 BUCKET VERSIONING

* select the bucket and in this bucket a file has been added.
* ﻿﻿to check the versioning add the same file again.
* click on add files and select the file which has to been uploaded.
* Add the files and click on upload.
* ﻿﻿here we can see that the version of the uploaded file is shown.

REPLICATION (Same region replication)

* click on buckets and click on create bucket.
* Give bucket name and select region (source)
* ﻿﻿Under object ownership, select ACLs enabled so that objects in this bucket in this bucket can be owned by other Alls account.
* Uncheck Block all public access so that public access is granted to buckets.
* ﻿﻿Enable bucket versioning.
* ﻿﻿click on create bucket.
* the bucket has been created.
* create another bucket in the same region. (destination)
* ﻿﻿under object ownership, select ACLs enabled so that objects in this bucket can be owned by other AWS account.
* ﻿﻿uncheck block all public access so that public access is granted to buckets.
* Enable the bucket versioning.
* click on create bucket. the bucket has been successfully created.
* select source bucket.
* ﻿﻿click on management.
* ﻿﻿click on create replication rule.
* ﻿﻿give replication rule name.
* choose the rule scope as limit the scope of this rule using one or more filters.
* click on browse S3 to select the bucket where the file has to be replicated.
* choose the IAM role.
* ﻿﻿scroll down and click on save.
* select 'no' if you dont want to replicate the existing objects and select 'yes' if you want to replicate the existing objects and click on submit.
* select source bucket.
* to add the file click on upload.
* ﻿﻿click on add files.
* ﻿﻿click on upload. the file has been successfully replicated in destination bucket which was uploaded in the same region.

REPLICATION (Cross region replication)

* in s3 dashboard, click on buckets and click on create bucket.
* Give bucket name and select required region.
* ﻿﻿Under object ownership, select ACLs enabled so that objects in this bucket can be owned by other AWS account.
* Uncheck "Block all public access' so that public access is granted to buckets. Enable the bucket versioning.
* ﻿﻿click on create bucket.
* ﻿﻿select sources bucket.
* ﻿﻿select management.
* click on create replication rule.
* give replication rule name.
* ﻿﻿click on browse S3 to select the bucket where the file has to be replicated.
* ﻿﻿select the path where the file has to be replicated and click on choose path.
* ﻿﻿create IAM role.
* ﻿﻿Scroll down click on save.
* ﻿﻿select no if you dont want to replicate the existing objects and select yes if you want to replicate existing objects and click on submit.
* ﻿﻿in source bucket click on upload to add file.
* ﻿﻿click on add files.
* ﻿﻿add the file and click on upload.
* ﻿﻿the file is uploaded in source bucket.
* ﻿﻿the file has been replicated in destination bucket which was uploaded in another region.

LIFECYCLE RULE

* ﻿﻿click on buckets and click on create bucket.
* Give bucket name and select region (source)
* ﻿﻿Under object ownership, select ALs enabled so that objects in this bucket in this bucket can be owned by other Als account.
* Uncheck Block all public access so that public access is granted to buckets.
* ﻿﻿Enable bucket versioning.
* ﻿﻿click on create bucket.
* ﻿﻿the bucket has been created.
* ﻿﻿create another bucket in the same region. (destination)
* ﻿﻿under object ownership, select ACLs enabled so that objects in this bucket can be owned by other AS account.
* ﻿﻿uncheck block all public access so that public access is granted to buckets.
* Enable the bucket versioning.
* ﻿﻿click on create bucket.
* ﻿﻿the bucket has been successfully created.