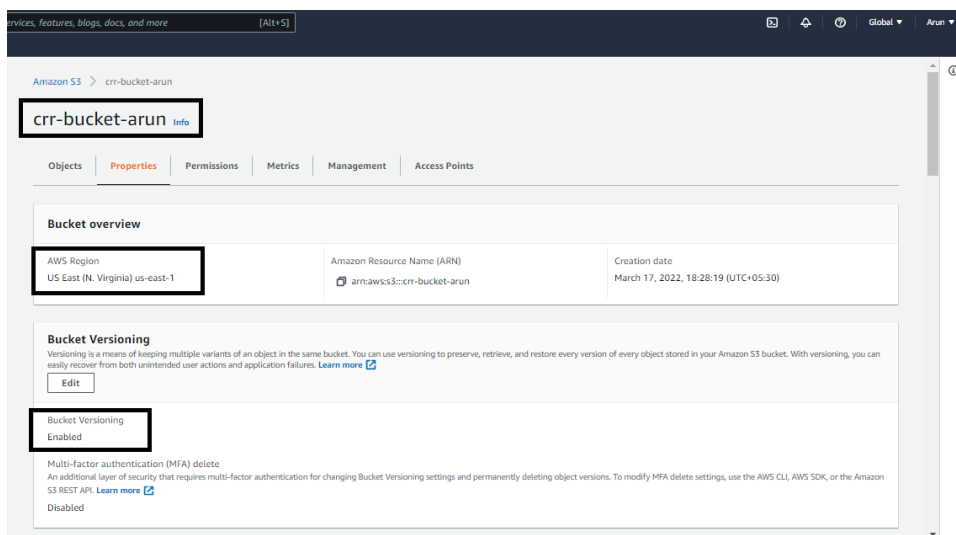


S3-Cross region-Replication

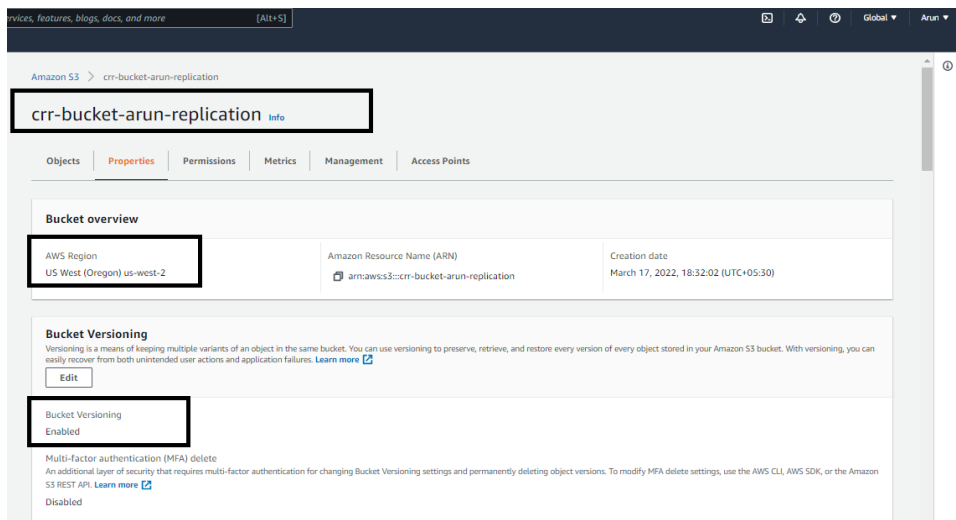
Steps to be followed

1. Create two buckets in different regions.
2. Enable Versioning of both the buckets.
3. Goto source bucket create replication rule
4. Upload the object to source bucket, it will replicate in destination bucket in other region.

Step 1 : Create Source bucket, Enable Versioning



Step 2 : Create Destination bucket, Enable versioning



Step 3 : Goto Properties tab in source bucket, Enter create replication rule.

Enter Replication Name, in the rule scope select apply to all objects

Amazon S3 > crr-bucket-arun

crr-bucket-arun

Objects | Properties | Permissions | Metrics | **Management** | Access Points

Lifecycle rules (0)
Use lifecycle rules to define actions you want Amazon S3 to take during an object's lifetime such as transitioning objects to another storage class, archiving them, or deleting them after a specified period of time. [Learn more](#)

[View details](#) [Edit](#) [Delete](#) [Actions](#) [Create lifecycle rule](#)

Lifecycle rule name	Status	Scope	Current version actions	Noncurrent versions actions	Expired object delete markers	Incomplete multipart uploads
No lifecycle rules There are no lifecycle rules for this bucket.						

[Create lifecycle rule](#)

Replication rules (0)
Use replication rules to define options you want Amazon S3 to apply during replication such as server-side encryption, replica ownership, transitioning replicas to another storage class, and more. [Learn more](#)

[View details](#) [Edit rule](#) [Delete](#) [Actions](#) [Create replication rule](#)

Replication rule name	Status	Destination bucket	Destination Region	Priority	Scope	Storage class	Replica ownership	Replication status	KMS-encrypted	Replica modification
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Replication rule configuration

Replication rule name
cross-region-replication
Up to 255 characters.

Status
Choose whether the rule will be enabled or disabled when created.
☒ Enabled
☐ Disabled

Priority
The priority value resolves conflicts that occur when an object is eligible for replication under multiple rules to the same destination. The rule is added to the configuration at the highest priority and the priority can be changed on the replication rules table.
0

Source bucket

Source bucket name
crr-bucket-arun

Source Region
US East (N. Virginia) us-east-1

Choose a rule scope
☐ Limit the scope of this rule using one or more filters
☒ Apply to all objects in the bucket

Step 4 :Select Destination bucket in the account, In the IAM Role >> select new Role

☐ Limit the scope of this rule using one or more filters
☒ Apply to all objects in the bucket

Destination

Destination
You can replicate objects across buckets in different AWS Regions (Cross-Region Replication) or you can replicate objects across buckets in the same AWS Region (Same-Region Replication). You can also specify a different bucket for each rule in the configuration. [Learn more](#)

☒ Choose a bucket in this account
☐ Specify a bucket in another account

Bucket name
Choose the bucket that will receive replicated objects.
crr-bucket-arun-replication [Browse S3](#)

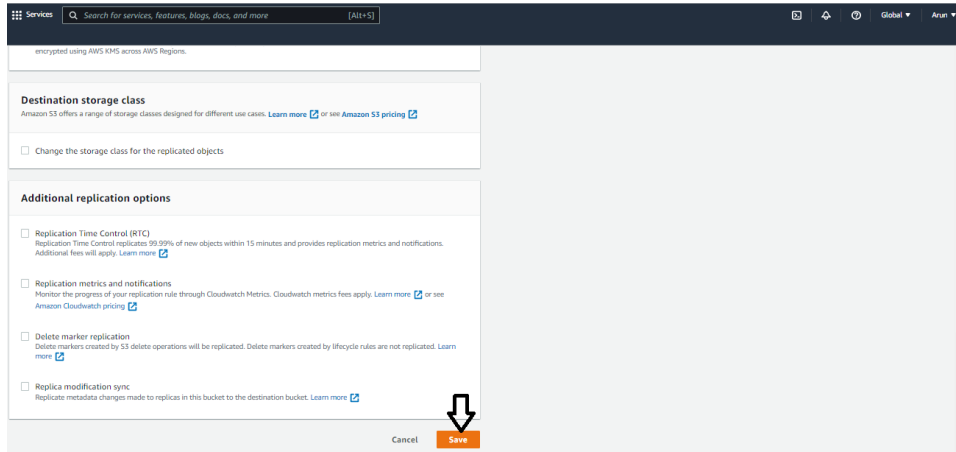
Destination Region
US West (Oregon) us-west-2

IAM role

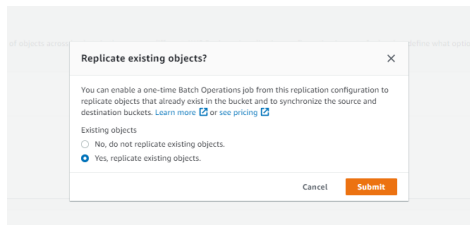
☒ Choose from existing IAM roles
☐ Enter IAM role ARN

IAM role
Create new role [View](#)

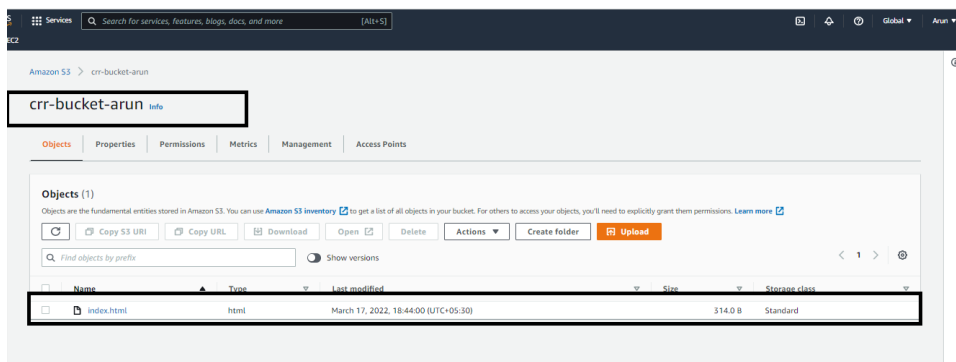
Step 5 : Leave remaining options as default. Click Save



Step 6 : Select Replicate existing objects, YES, click Submit.



Step 7 : Upload one document in source Bucket.



Step 8 : Now check the document is replicated in destination bucket.

