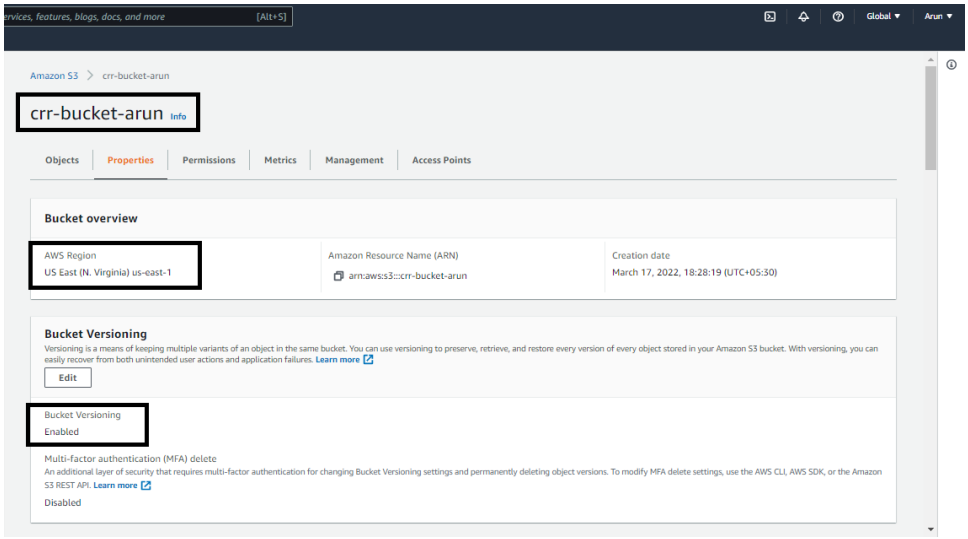
S3-Cross-Account-Replication

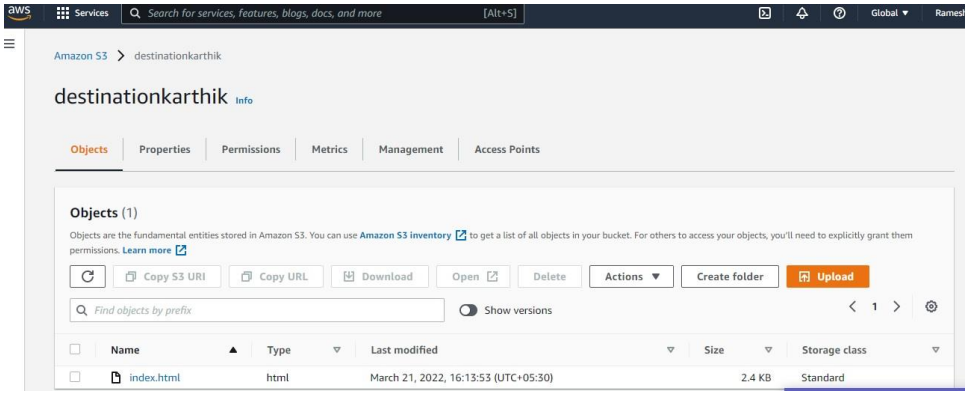
Steps to be followed

1. Create two buckets in two different Accounts.
2. Enable Versioning of both the buckets.
3. Goto source bucket create replication rule provided that, destination bucket details, Account ID of destination account
4. Goto destination Policy upload bucket policy.
5. Upload the object to source bucket, it will replicate in destination bucket in other of other account

Step 1: Create Source bucket, Enable Versioning

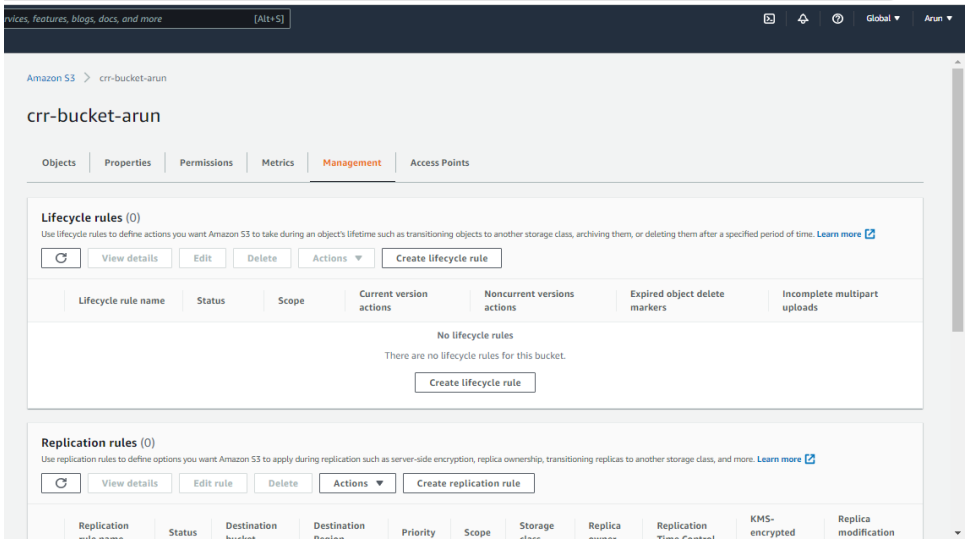


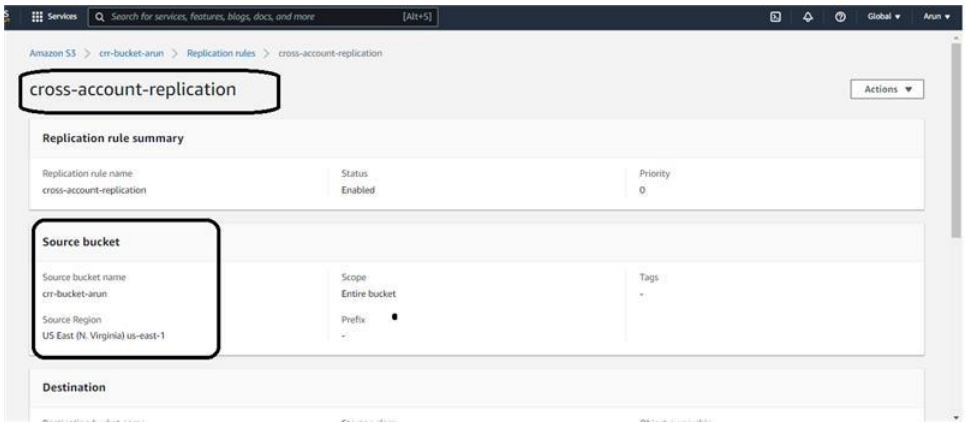
Step 2: Create Destination bucket, Enable versioning



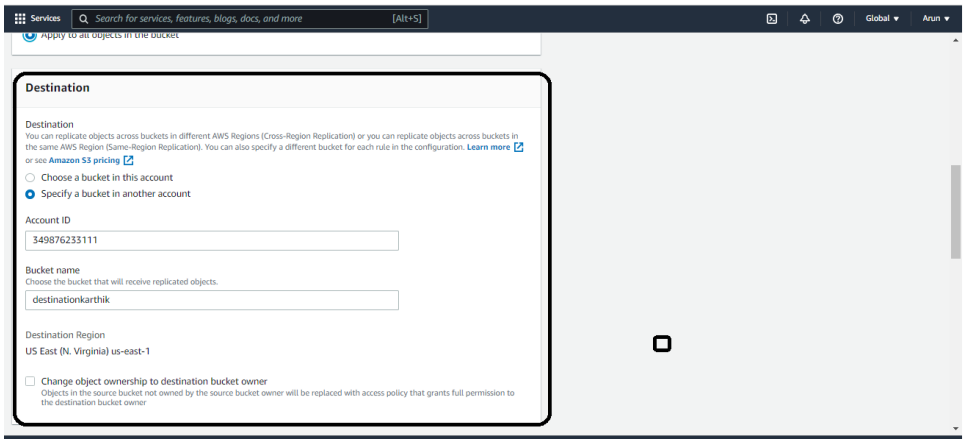
Step 3: Goto Properties tab in source bucket, enter create replication rule.

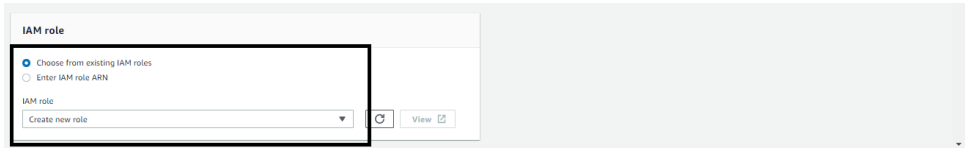
Enter Replication Name, in the rule scope select apply to all objects



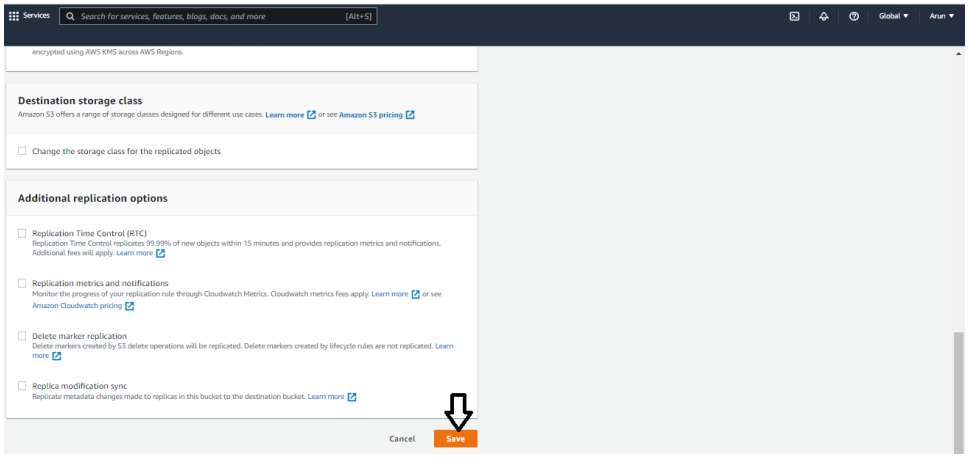


Step 4: Select Destination bucket of other account, Account ID, In the IAM Role >> select new Role

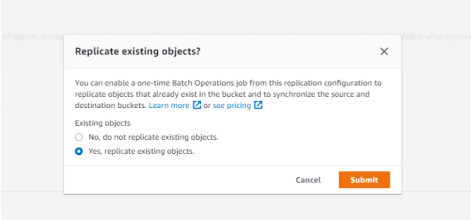




Step 5: Leave remaining options as default. Click Save



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



Step 7: Goto Bucket Policy in the destination bucket of the other account.

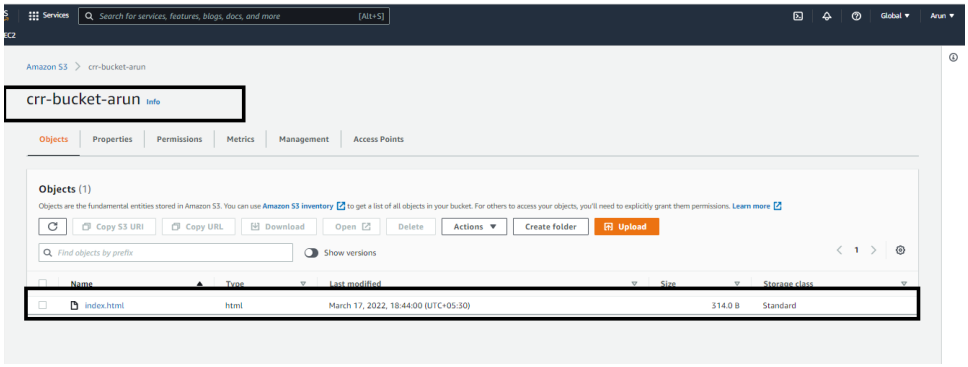
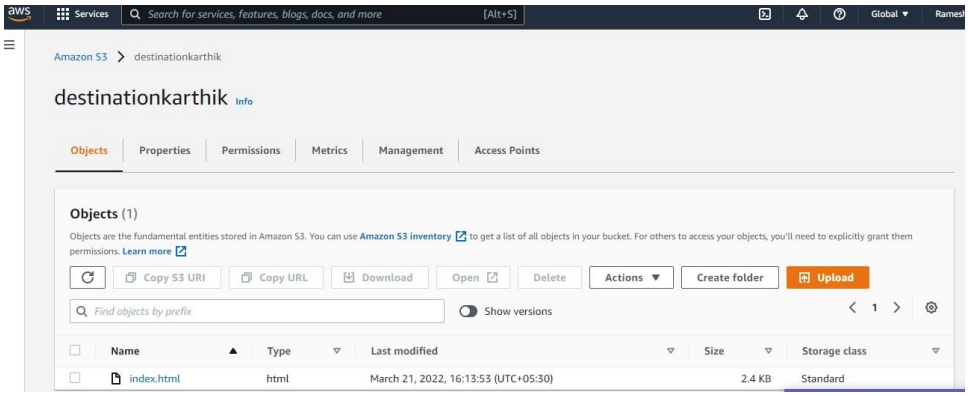
Upload the following Json policy, which contains source bucket IAM role id and destination bucket details.

```
{
"Version": "2012-10-17",
"Id": "",
"Statement": [
{
"Sid": "Set permissions for objects",
"Effect": "Allow",
"Principal": {
"AWS": "arn:aws:iam::986041421187:role/service-role/s3crr_role_for_crr-bucket-arun_2"
},
"Action": [
"s3:ReplicateObject",
"s3:ReplicateDelete"
],
"Resource": "arn:aws:s3:::destinationkarthik/*"
},
{
"Sid": "Set permissions on bucket",
"Effect": "Allow",
"Principal": {
"AWS": "arn:aws:iam::986041421187:role/service-role/s3crr_role_for_crr-bucket-arun_2"
},
"Action": [
"s3:List*",
"s3:GetBucketVersioning",
"s3:PutBucketVersioning"
],
"Resource": "arn:aws:s3:::destinationkarthik"
}

]

}
```

Step 8 : Upload one document in source Bucket.



Step 9: Now check the document is replicated in destination bucket in the other Account.