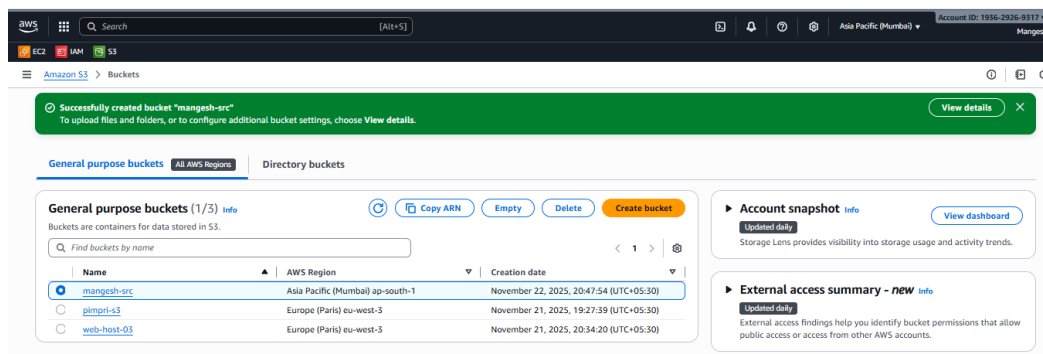


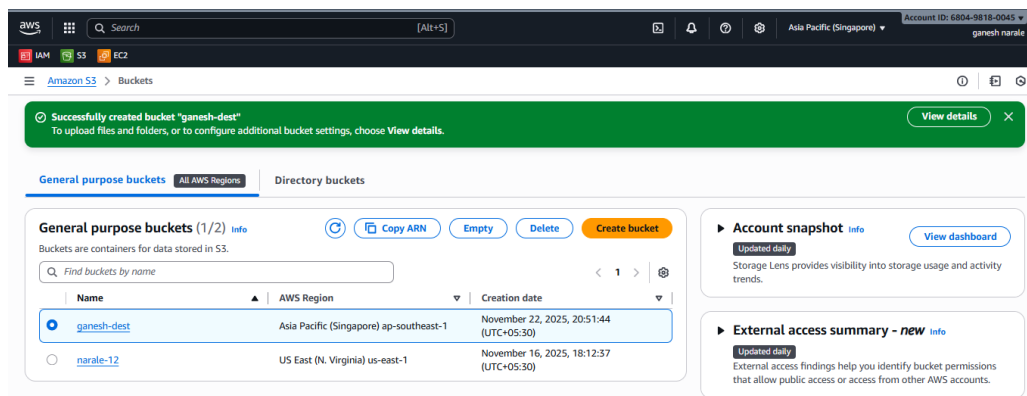
# Multi-Account Disaster Recovery using S3 Cross-Region Replication (CRR)Steps

Step 1. Open S3 Service

Step 2. Create a bucket in Account-A and Account-B. Keep enabling bucket versioning.



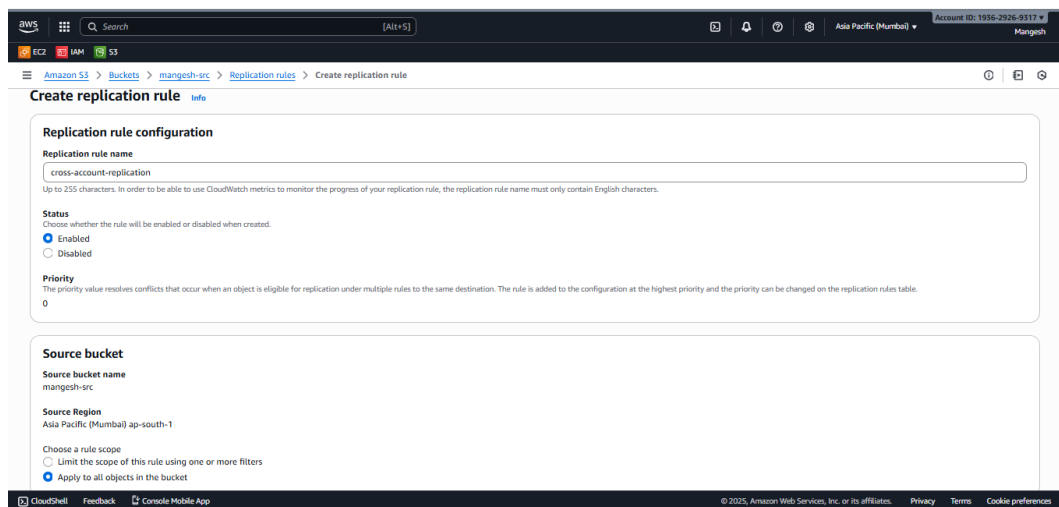
Bucket created in Account-A.



Bucket created in Account-B.

Step 3. Account-A → Open Source Bucket → Go to Management tab → Under Replication Rules → Create replication rule. → Enter rule name : cross-account-replication, status : Enabled.

Step 4. Enter the details.



Step 5. Choose Destination → It is in another account. → Destination bucket ARN. → Enter destination Account ID .

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](#) or see [Amazon S3 pricing](#).

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

Account ID  
680498180045

Bucket name  
Choose the bucket that will receive replicated objects.  
ganesh-dest

Destination Region  
Asia Pacific (Singapore) ap-southeast-1

☐ Change object ownership to destination bucket owner  
Objects in the source bucket not owned by the source bucket owner will be replaced with access policy that grants full permission to the destination bucket owner

**IAM role**  
Permission to access the specified resources

☒ Create new role  
☐ Choose from existing IAM roles  
☐ Enter IAM role ARN

Click Save.

Replication configuration successfully updated  
If changes to the configuration aren't displayed, choose the refresh button. Changes apply only to new objects. To replicate existing objects with this configuration, choose **Create replication job**.

**Replication configuration settings**  
Configuration settings affect all replication rules in the bucket.

Source bucket  
mangesh-src

Source Region  
Asia Pacific (Mumbai) ap-south-1

IAM role  
[s3rr\\_role\\_for\\_mangesh-src](#)

**Replication rules (1)**  
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](#)

Replication rule name	Status	Destination bucket	Destination Region	Priority	Scope	Storage class	Replica owner	Replication Time Control	KMS-encrypted objects (SSE-KMS or DSSE-KMS)	Replica modification sync
<a href="#">cross-account-replication</a>	Enabled	<a href="#">s3://ganesh-dest</a>	Asia Pacific (Singapore) ap-southeast-1	0	Entire bucket	Same as source	Same as source	Disabled	Do not replicate	Disabled

Overview of replication rule.

Step . Generate a policy in AWS policy generator. → For bucket policy

ARN should follow the following format: `arn:aws:s3:::[BucketName]/[KeyName]`. Use a comma to separate multiple values.

**Add conditions (optional)**  
[Add Statement](#)

**Statements added (2)**  
You added the following statements. Click the button below to Generate a policy.

Principal(s)	Effect	Action	Resource(s)	Condition(s)	Remove
arn:aws:iam::193629269317:role/service-role/s3rr_role_for_mangesh-src_1	Allow	s3:ReplicateObject s3:ReplicateDelete	arn:aws:s3:::ganesh-dest/*	None	<a href="#">Remove</a>
arn:aws:iam::193629269317:role/service-role/s3rr_role_for_mangesh-src_1	Allow	s3:ListBucket s3:ListBucketMultipartUploads s3:ListBucketVersions s3:GetBucketVersioning s3:PutBucketVersioning	arn:aws:s3:::ganesh-dest	None	<a href="#">Remove</a>

**Step 3: Generate policy**  
A policy is a document (written in the [Access Policy Language](#)) that acts as a container for one or more statements.

[Generate Policy](#)

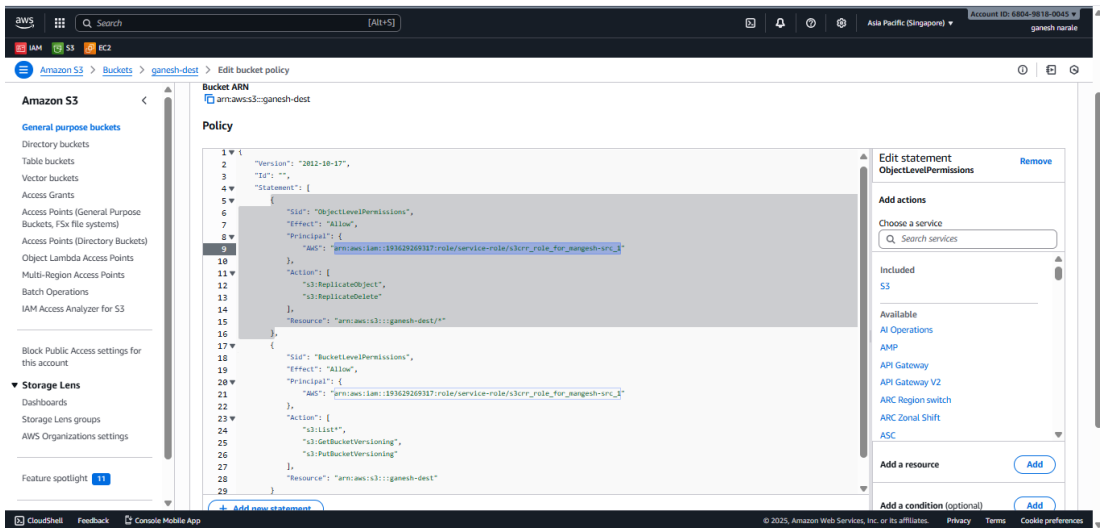
**Policy JSON Document**  
Click below to edit. To save the policy, copy the text below to a text editor. Changes made below will not be reflected in the policy generator tool.

```

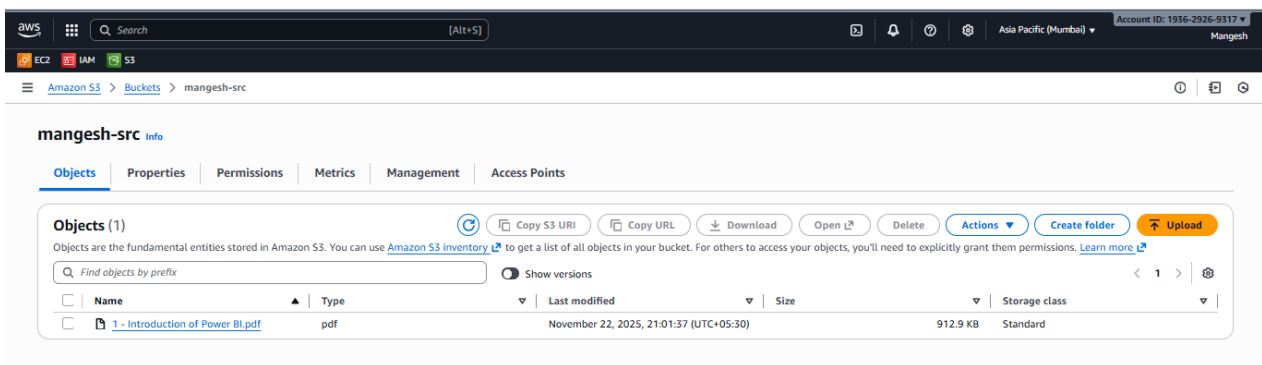
1 {
2   "version": "2012-10-17",
3   "statement": [
4     {
5       "sid": "Statement1",
6       "effect": "allow",
7       "principal": {
8         "arn": "arn:aws:iam::193629269317:role/service-role/s3rr_role_for_mangesh-src_1"
9       },
10      "action": [
11        "s3:ReplicateObject",
12        "s3:ReplicateDelete"
13      ],
14      "resource": "arn:aws:s3:::ganesh-dest/*"
15    },
16    {
17      "sid": "Statement2",
18      "effect": "allow",
19      "principal": {
20        "arn": "arn:aws:iam::193629269317:role/service-role/s3rr_role_for_mangesh-src_1"
21      },
22      "action": [
23        "s3:ListBucket",
24        "s3:ListBucketMultipartUploads",
25        "s3:ListBucketVersions",
26        "s3:GetBucketVersioning",
27        "s3:PutBucketVersioning"
28      ],
29      "resource": "arn:aws:s3:::ganesh-dest"
30    }
31  ]
32 }
```

[Close](#) [Copy Policy](#)

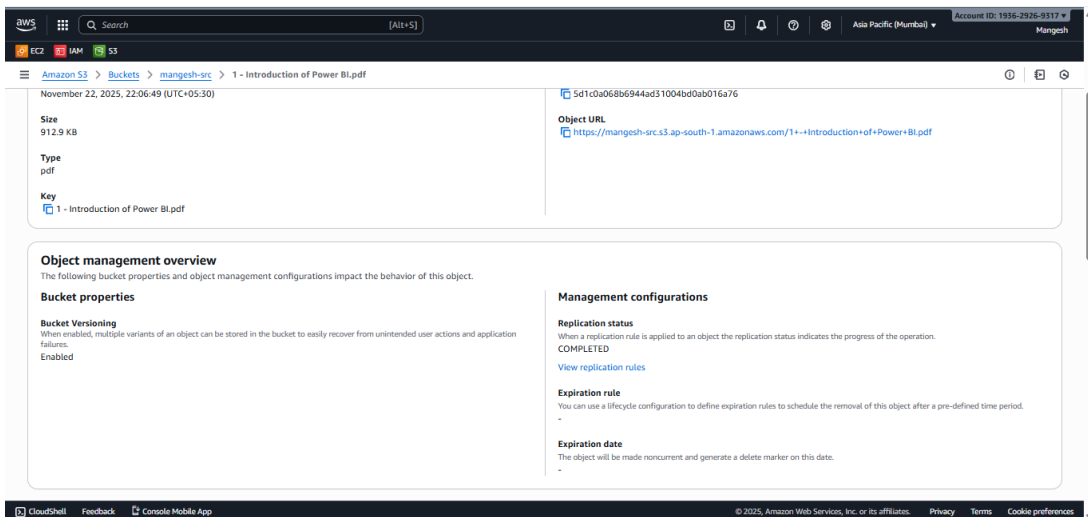
Step . Click the IAM Role → Copy the ARN Account A → Paste the ARN into Destination bucket policy and give the destination bucket name in it paste the policy in it. → Click to save policy.



## Step 6. Upload files in Account-A



Step 7. After uploaded object → Click the object → Shows Properties → In the object management overview → See the Management Configurations → Check the Replication Status.



Step 8. Check whether the file is replicated in Account-B after some time.

AWS

Search

[Alt+S]

Asia Pacific (Singapore)

Account ID: 6804-9818-0045

ganesh narale

Amazon S3

Buckets

ganesh-dest

Amazon S3

General purpose buckets

Directory buckets

Table buckets

Vector buckets

Access Grants

Access Points (General Purpose Buckets, FSx file systems)

Access Points (Directory Buckets)

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

IAM Access Analyzer for S3

Block Public Access settings for this account

Storage Lens

Dashboards

Storage Lens groups

ganesh-dest

info

Objects

Properties

Permissions

Metrics

Management

Access Points

Objects (1)

Copy S3 URI

Copy URL

Download

Open L?

Delete

Actions

Create folder

Upload

Find objects by prefix

Show versions

1

Find objects by prefix

Name

Type

Last modified

Size

Storage class

1 - Introduction of Power BI.pdf

pdf

November 22, 2025, 22:06:49 (UTC+05:30)

912.9 KB

Standard

CloudShell

Feedback

Console Mobile App

© 2025, Amazon Web Services, Inc. or its affiliates.

Privacy

Terms

Cookie preferences

Object is Replicated successfully in Account-B.