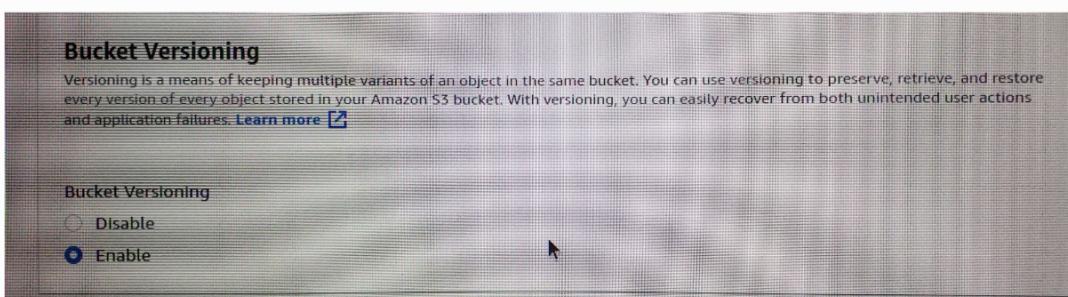


- AWS - 104
- Creating S3 bucket in AWS
- Open AWS console
- Search 'S3' and select.
- Click on 'buckets' on left side & then click on 'Create Bucket'.
- Enter Unique 'Bucket Name'
- Select right 'Region'
- \* → Enable 'Bucket Versioning' options



- ⇒ Select 'Create Bucket'

→ Once S3 bucket is created, go to 'Properties'  
 \* → Enable 'Transfer acceleration'

\* → Create Replica's of main bucket (In case of failure)

\* → Create a bucket as shown above in different regions as of main bucket  
 → Now, go to the main bucket's 'Management' tab

Replication rule name	Status	Destination bucket	Destination Region	Priority	Scope	Storage class	Replica owner	Replication Time Control	KMS-encrypted objects	Replica modification sync
myreplicationrule96	Enabled	s3://springappbucketreplica96	US East (Ohio) us-east-2	0	Entire bucket	Same as source	Same as source	Enabled	Do not replicate	Disabled

→ Click on 'Create replication rule' as shown above.

- Enter 'replication rule name'
- Enable → This rule applies to all objects in the bucket
- In 'Destination' section → choose the created replicated bucket which is present in different regions
- \* → Under - Additional replication options
  - Enable → Replication Time Control (RTC)
  - Save this replication rule. ↓  
(It will make sure objects are replicated within 15 mins from main bucket to replica bucket)

→ Prefer

Good thumb rule is to create one main bucket along with 2 replica buckets in different regions and add the required replication rule on main bucket.