Name : Saurabh Jadhav

Topic : S3 object versioning, CRR (Cross Region Replication) and SRR(Same Region Replication)

Assignment no. : 14

1. Create a S3 bucket with below configuration.
2. Bucket type as general purpose
3. Enable ACl permission

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1. Provide public access.
2. Enable versioning.

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1. Keep other config as default.
2. Click on create bucket.

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1. Upload the file.
2. Create a new file with name file.txt

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1. Upload the file and provide public permission to file. Click on upload

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1. Check the versioning by editing the file.
2. Make changes to file.txt

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1. Upload the file.txt again with public permission. Click on upload.

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1. View the versions a file.txt

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1. Create another version of file.txt with private permission.

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It will not accessible due to private permission.

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1. Recover the deleted file.txt
2. Delete the file.txt

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1. It will delete the file but its version will be still available.

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1. To recover, permanently delete the file type “delete marker”.

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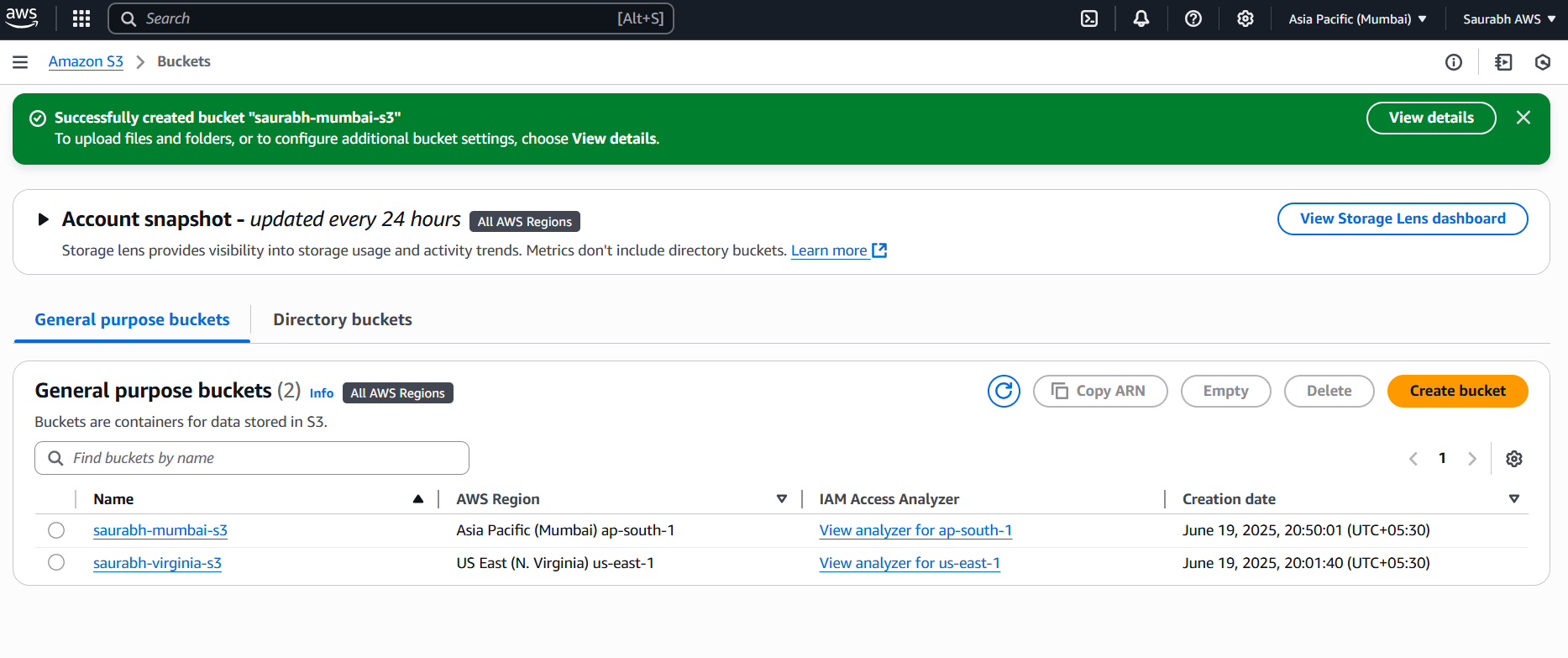
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1. File is recovered.

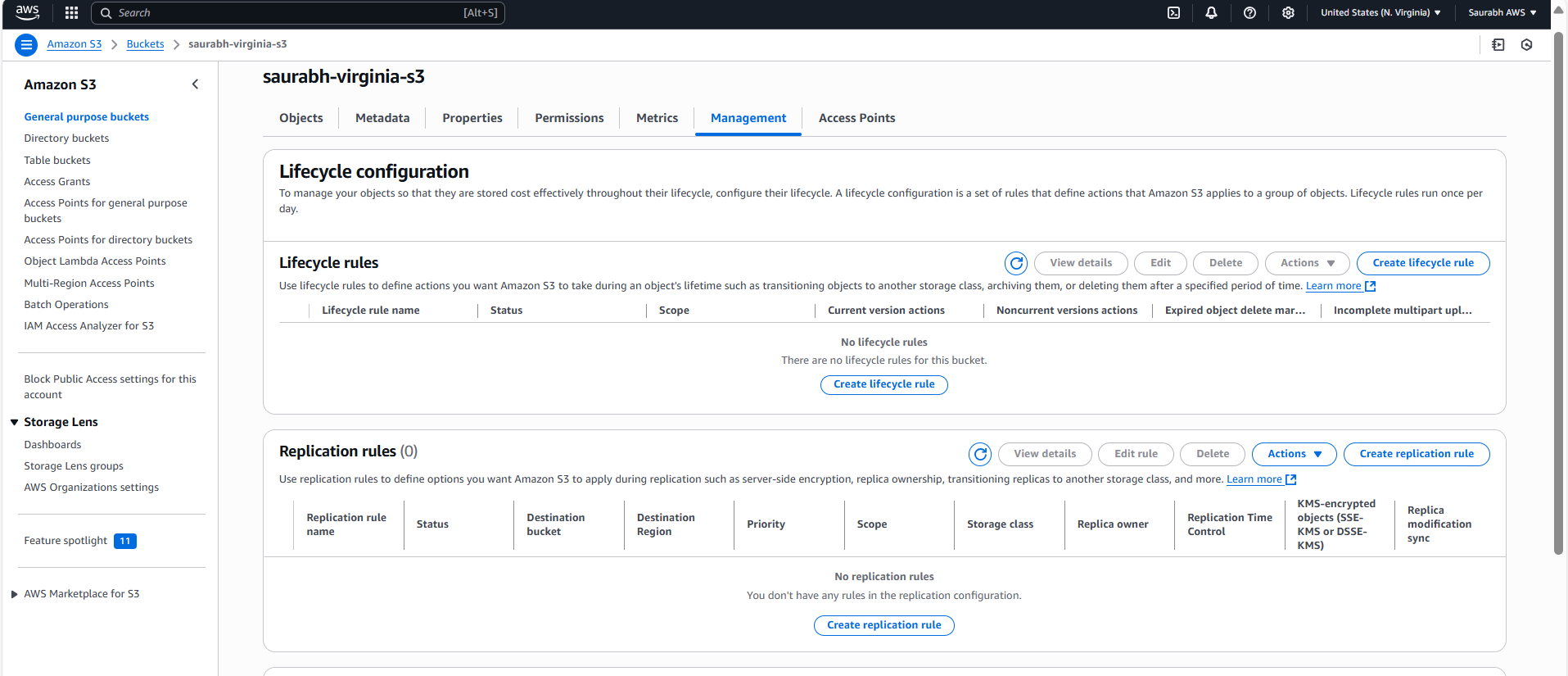
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1. CRR
2. Create a new bucket in Mumbai region.



1. Navigate to Management tab for creating replication rule.



1. Provide configurations:
2. Provide the name to the rule “replication-virginiatomumbai”

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1. Provide source and destination details. Create new IAM role. Click on save.

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1. Upload the file in Virginia region bucket.

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1. Refresh the Mumbai region bucket to check the replication.

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1. SRR
2. Create another bucket “Saurabh-virginia-s3-2” in virginia region.

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1. Create the replication rule.

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1. Upload a file source bucket “Saurabh-virginia-s3-2”

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1. File will be replicated in destination file.

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