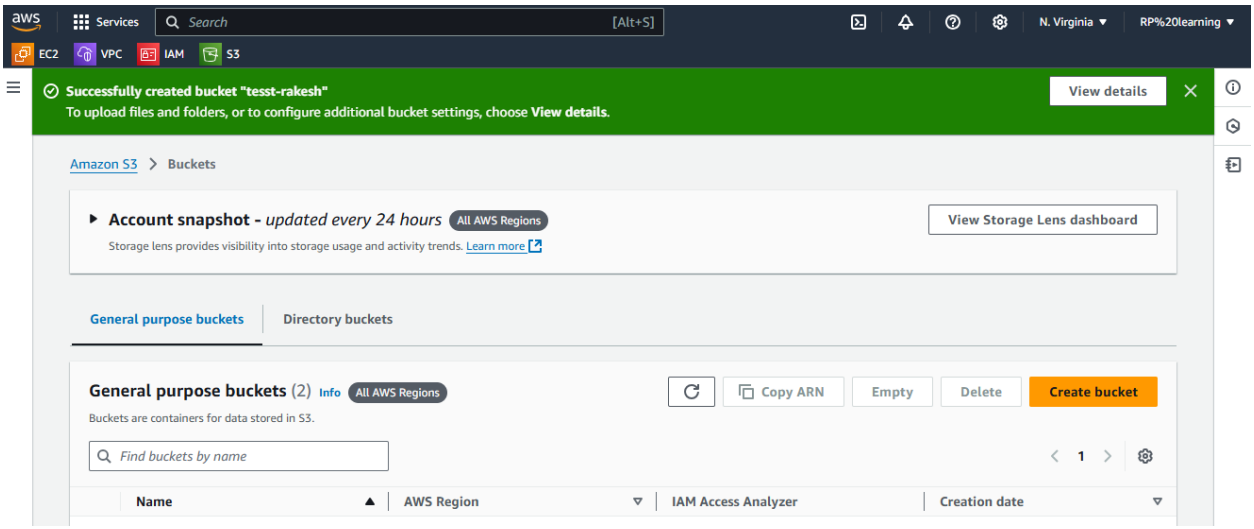
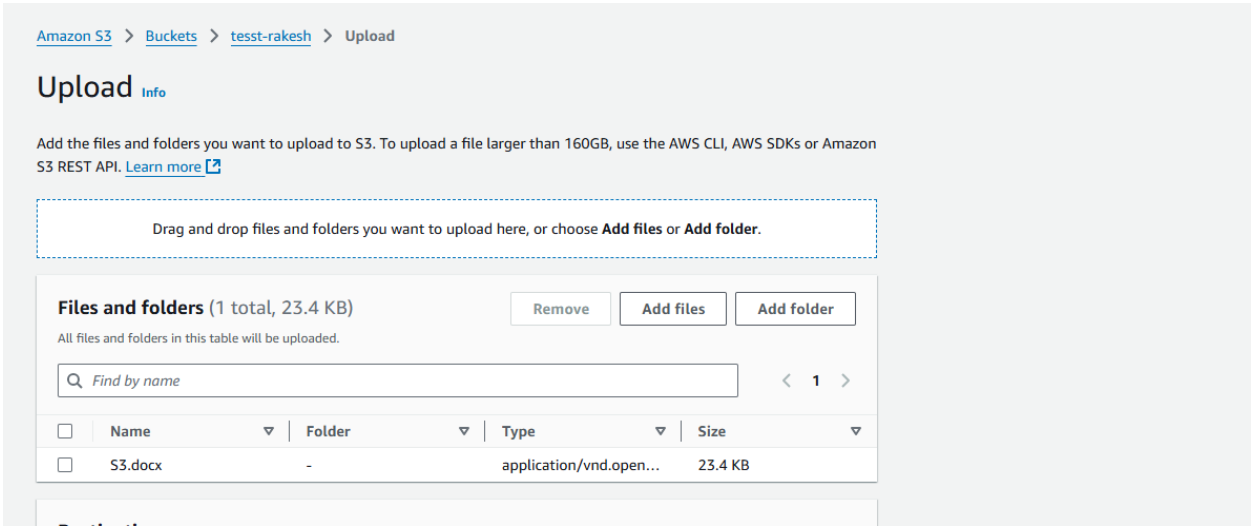
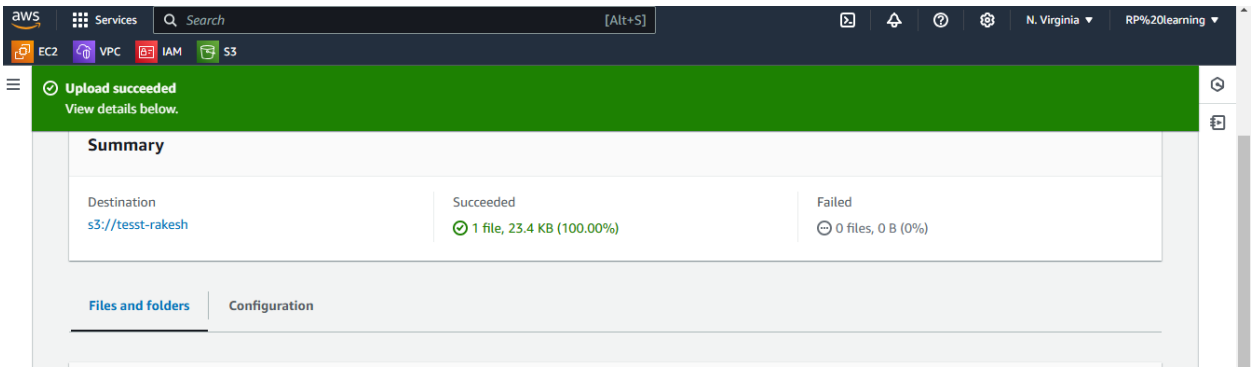
S3 Tasks

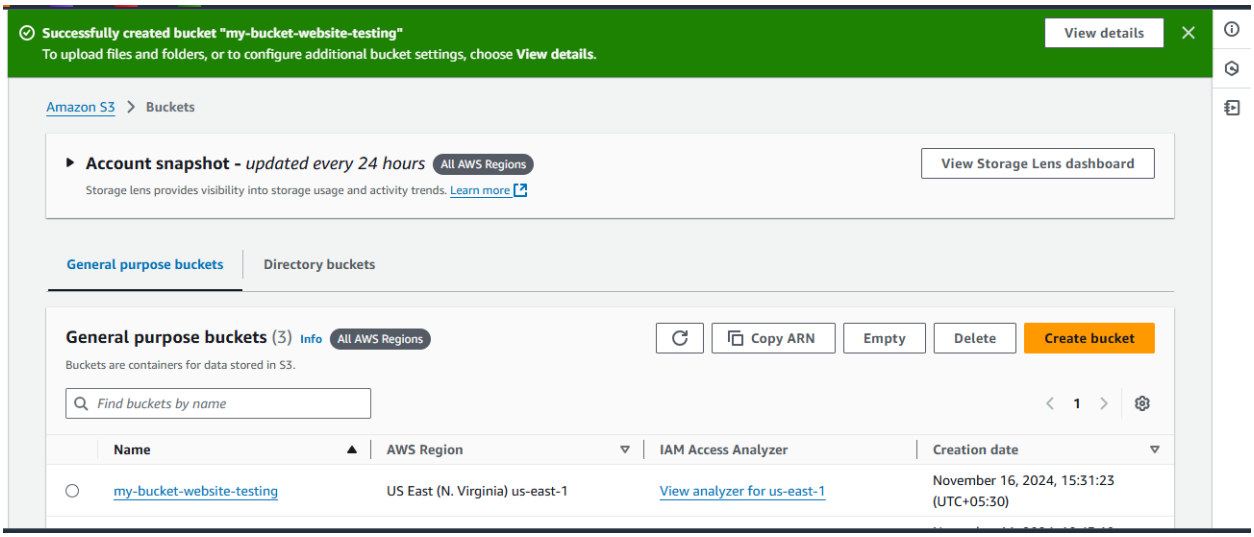
1) Create s3 bucket and upload some objects to s3.

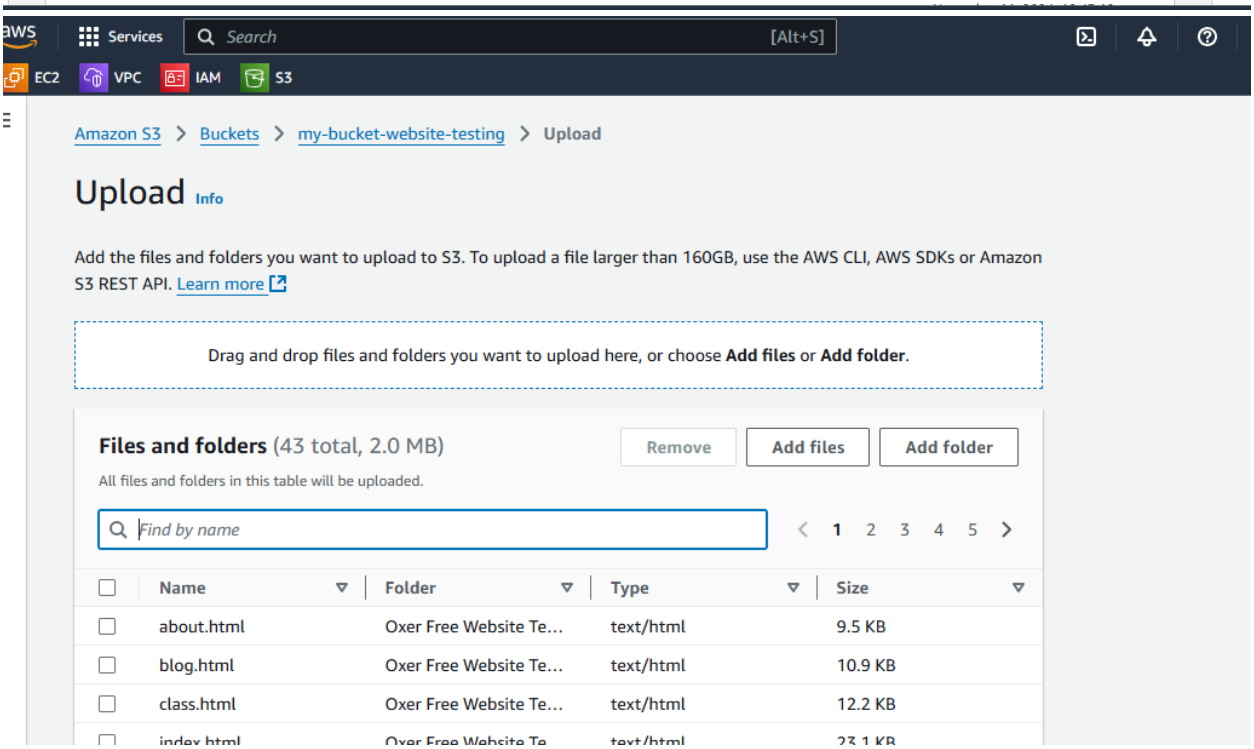


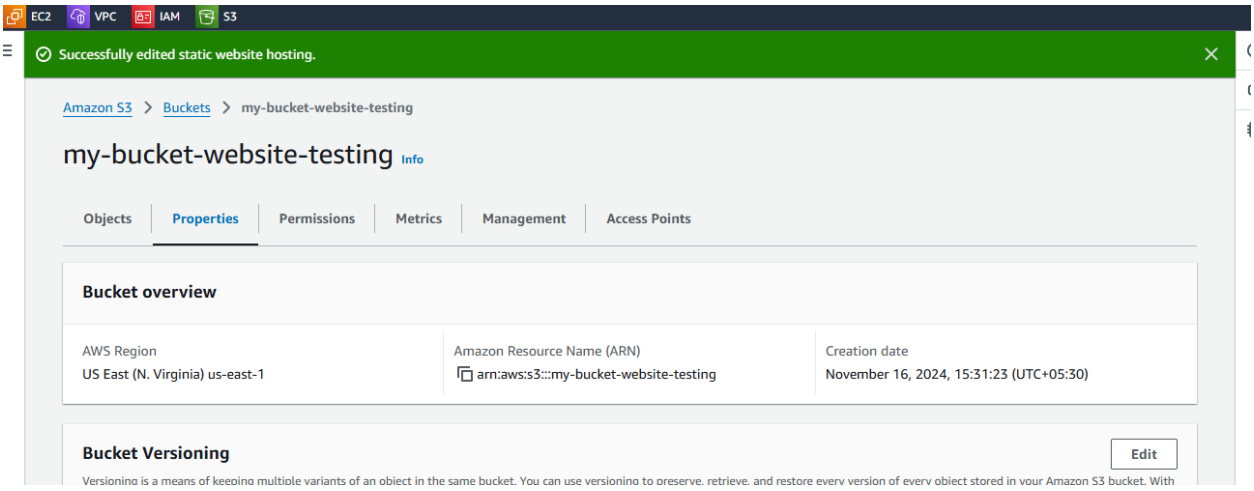


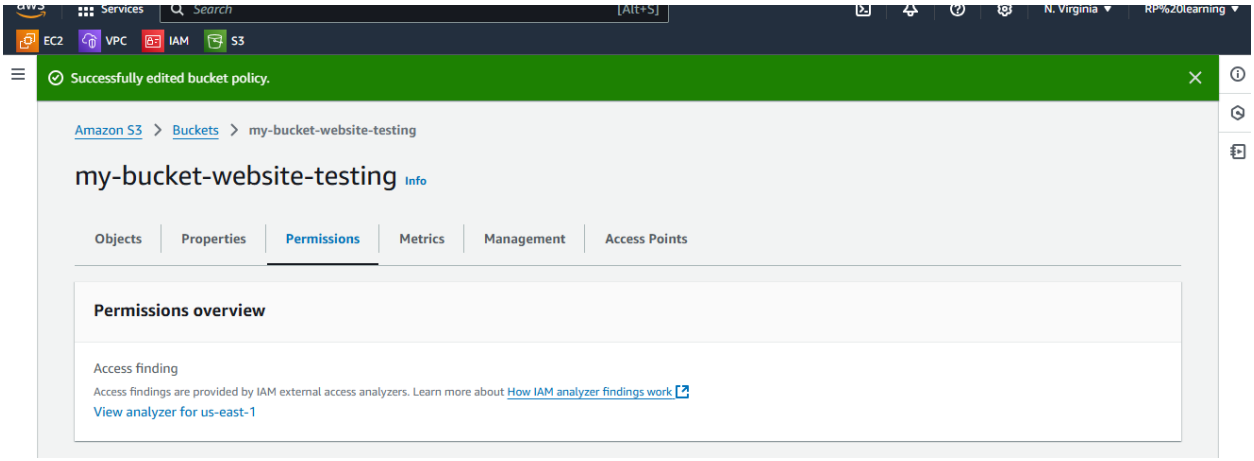


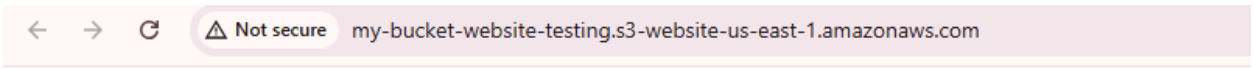
2) Deploy static website in s3 bucket.


Successfully created bucket "my-bucket-website-testing"
To upload files and folders, or to configure additional bucket settings, choose View details.
View details
Amazon S3 > Buckets
Account snapshot - updated every 24 hours
All AWS Regions
Storage lens provides visibility into storage usage and activity trends. Learn more
View Storage Lens dashboard
General purpose buckets
Directory buckets
General purpose buckets (3) Info
All AWS Regions
Buckets are containers for data stored in S3.
Copy ARN
Empty
Delete
Create bucket
Find buckets by name
Name
AWS Region
IAM Access Analyzer
Creation date
my-bucket-website-testing
US East (N. Virginia) us-east-1
View analyzer for us-east-1
November 16, 2024, 15:31:23 (UTC+05:30)


Services
Search
[Alt+S]
EC2
VPC
IAM
S3
Amazon S3 > Buckets > my-bucket-website-testing > Upload
Upload Info
Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDKs or Amazon S3 REST API. Learn more
Drag and drop files and folders you want to upload here, or choose Add files or Add folder.
Files and folders (43 total, 2.0 MB)
Remove
Add files
Add folder
All files and folders in this table will be uploaded.
Find by name
1 2 3 4 5
Name
Folder
Type
Size
about.html
Oxer Free Website Te...
text/html
9.5 KB
blog.html
Oxer Free Website Te...
text/html
10.9 KB
class.html
Oxer Free Website Te...
text/html
12.2 KB


EC2
VPC
IAM
S3
Successfully edited static website hosting.
Amazon S3 > Buckets > my-bucket-website-testing
my-bucket-website-testing Info
Objects
Properties
Permissions
Metrics
Management
Access Points
Bucket overview
AWS Region
US East (N. Virginia) us-east-1
Amazon Resource Name (ARN)
arn:aws:s3:::my-bucket-website-testing
Creation date
November 16, 2024, 15:31:23 (UTC+05:30)
Bucket Versioning
Edit


Services
Search
[Alt+S]
N. Virginia
EC2
VPC
IAM
S3
Successfully edited bucket policy.
Amazon S3 > Buckets > my-bucket-website-testing
my-bucket-website-testing Info
Objects
Properties
Permissions
Metrics
Management
Access Points
Permissions overview
Access finding
Access findings are provided by IAM external access analyzers. Learn more about How IAM analyzer findings work
View analyzer for us-east-1



- +01 1234567890
- demo@gmail.com
- Den mark Loram ipusum

- Home (current)
- About
- Classes
- Blog

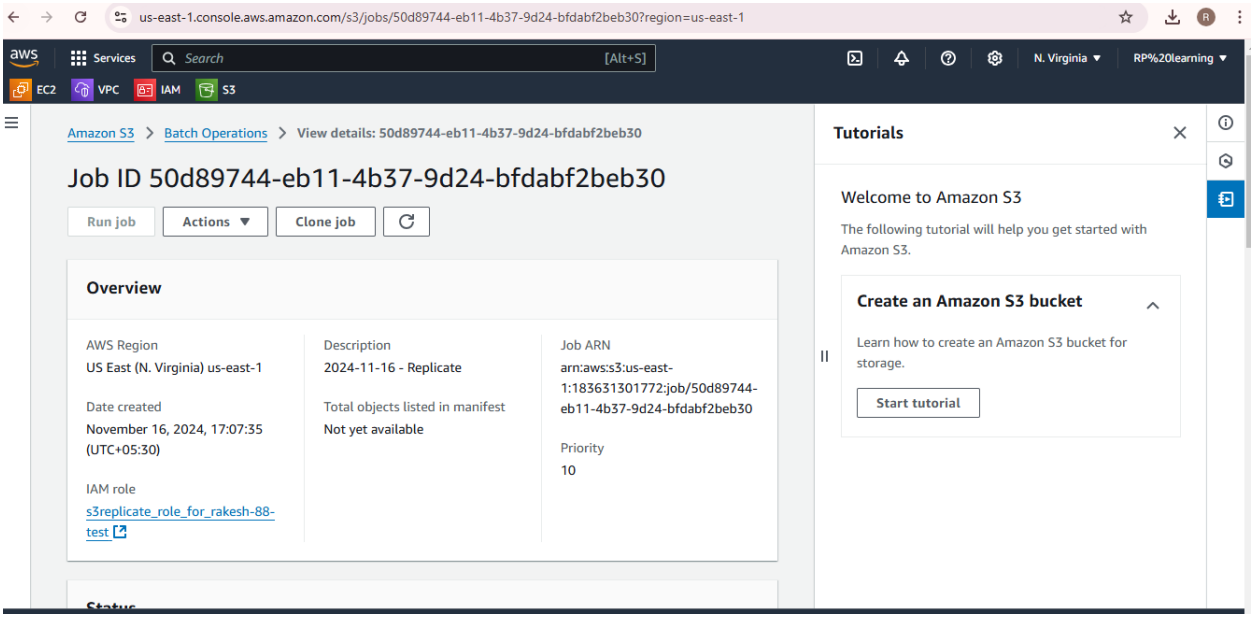
Bo xer

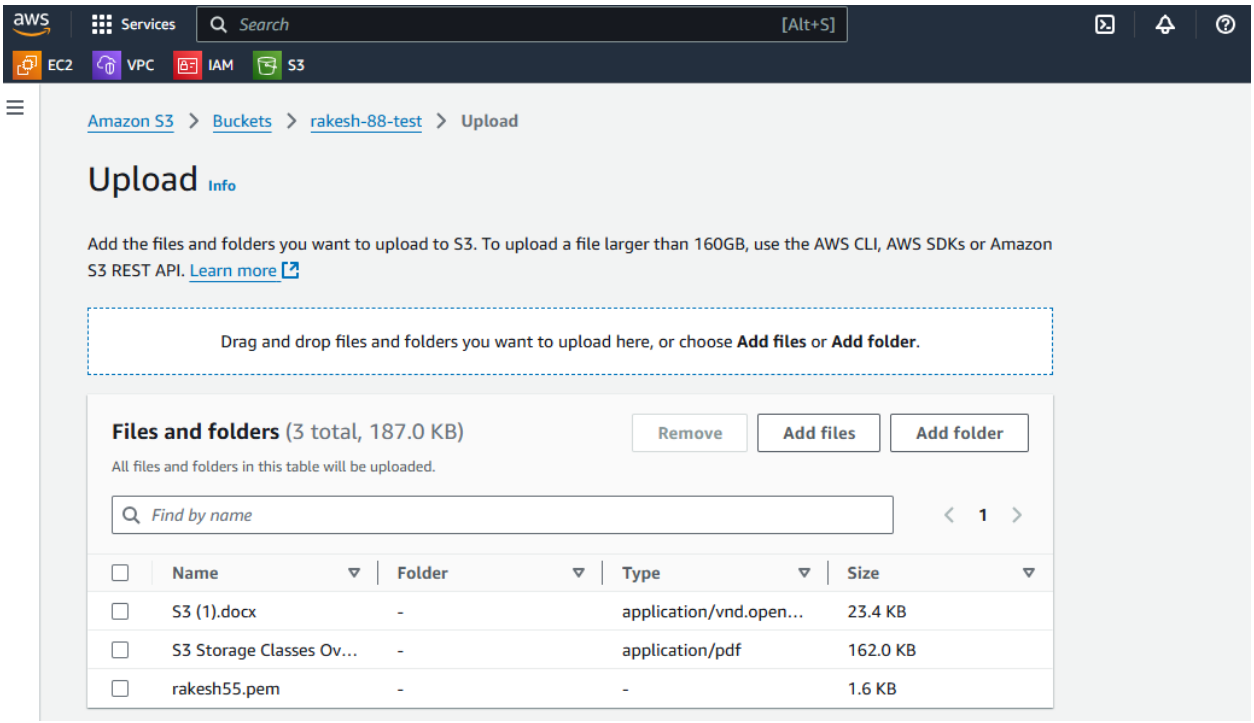
1. 01
2. 02
3. 03

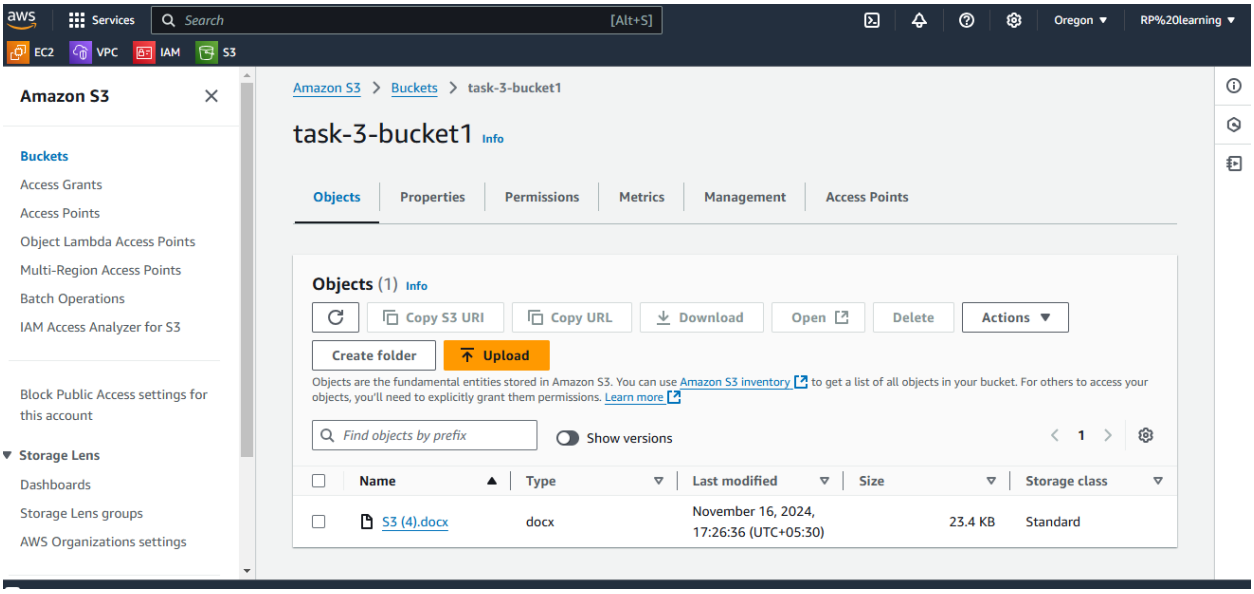
Boxing Center

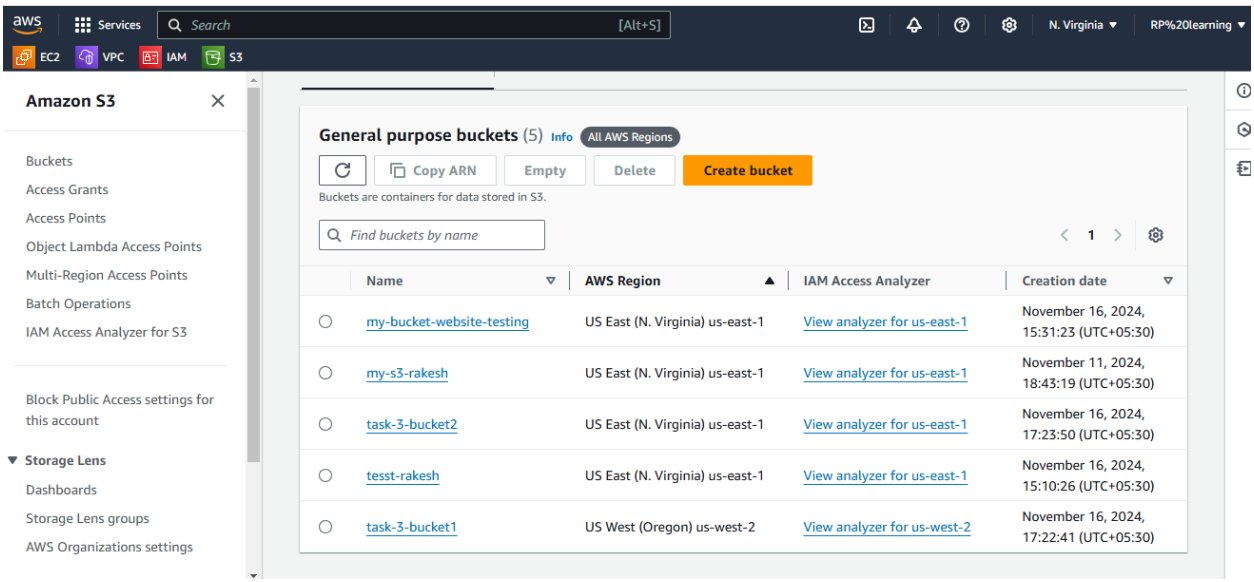
Contact Us

3) Enable cross region replication on s3 buckets.

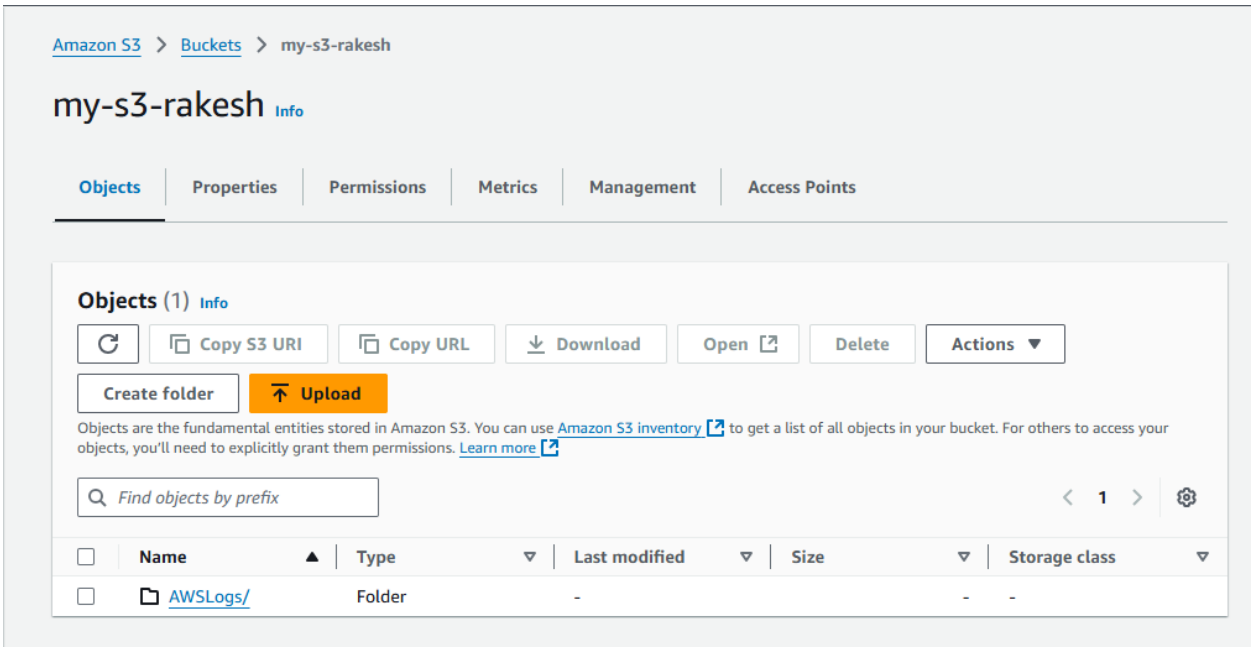


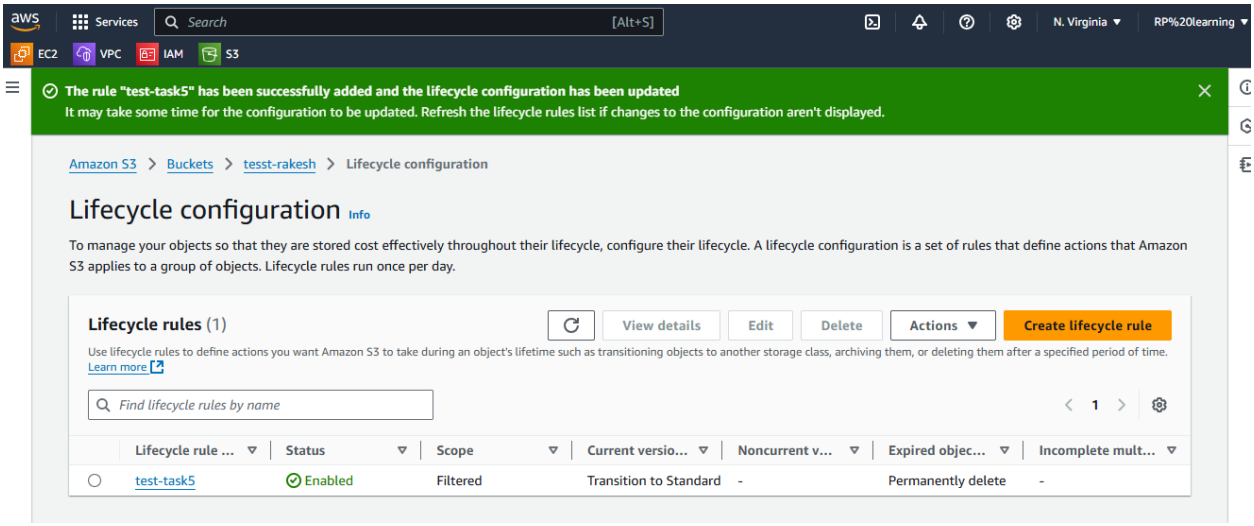

Services
Search
[Alt+S]
EC2
VPC
IAM
S3
Amazon S3 > Buckets > rakesh-88-test > Upload
Upload Info
Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDKs or Amazon S3 REST API. Learn more
Drag and drop files and folders you want to upload here, or choose Add files or Add folder.
Files and folders (3 total, 187.0 KB)
Remove
Add files
Add folder
All files and folders in this table will be uploaded.
Find by name
1
Name
Folder
Type
Size
S3 (1).docx
-
application/vnd.open...
23.4 KB
S3 Storage Classes Ov...
-
application/pdf
162.0 KB
rakesh55.pem
-
-
1.6 KB


Services
Search
[Alt+S]
Oregon
RP%20learning
EC2
VPC
IAM
S3
Amazon S3
Buckets
Access Grants
Access Points
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
AWS Organizations settings
Amazon S3 > Buckets > task-3-bucket1
task-3-bucket1 Info
Objects
Properties
Permissions
Metrics
Management
Access Points
Objects (1) Info
Copy S3 URI
Copy URL
Download
Open
Delete
Actions
Create folder
Upload
Objects are the fundamental entities stored in Amazon S3. You can use Amazon S3 inventory to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. Learn more
Find objects by prefix
Show versions
1
Name
Type
Last modified
Size
Storage class
S3 (4).docx
docx
November 16, 2024, 17:26:36 (UTC+05:30)
23.4 KB
Standard



5) Setup lifecycle policies to automatically transition or delete objects based on specific criteria





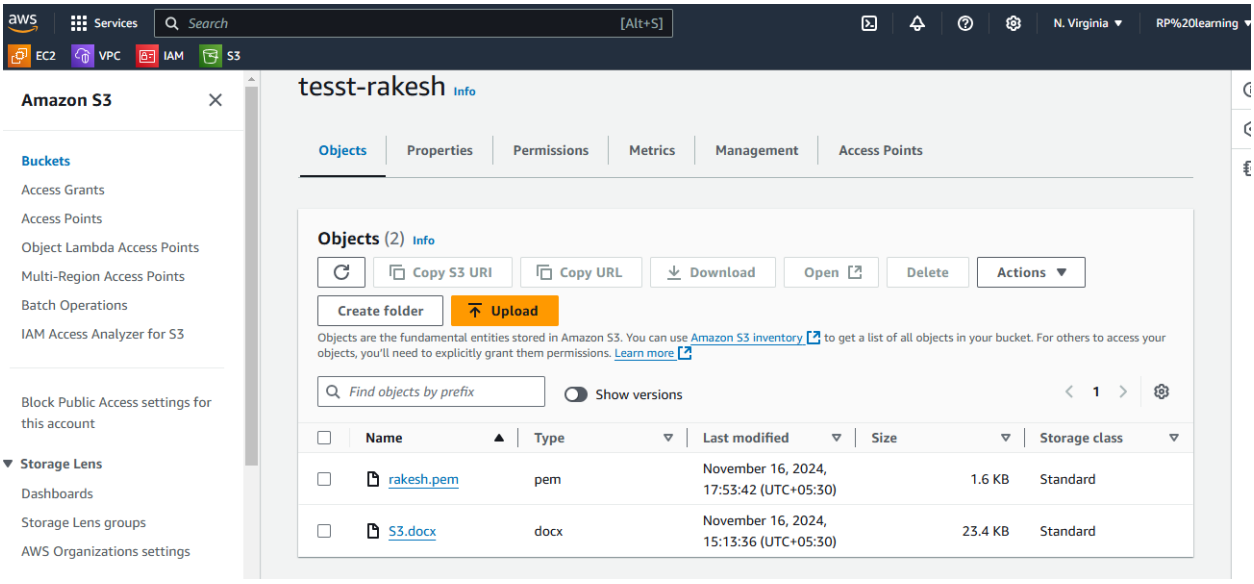
6) Push some objects in s3 using AWS CLI.

```
[ec2-user@ip-172-31-41-116 ~]$ aws --version
aws-cli/1.18.147 Python/2.7.18 Linux/5.10.227-219.884.amzn2.x8
6_64 botocore/1.18.6
[ec2-user@ip-172-31-41-116 ~]$ aws configure
AWS Access Key ID [****************ATLW]: AKIASVQKHJSGBOWNATLW
AWS Secret Access Key [****************ncDZ]: hT3EheCDpUSssiPb
VY2Dun4t4j1YWPa4ej9yncDZ
Default region name [us-east-1]: us-east-1
Default output format [json]: json
[ec2-user@ip-172-31-41-116 ~]$ sudo su -
Last login: Thu Nov 14 12:04:05 UTC 2024 on pts/1
[root@ip-172-31-41-116 ~]# ls
rakesh.pem
[root@ip-172-31-41-116 ~]# aws s3 cp /home/rakesh.pem s3://tes
st-rakesh/

The user-provided path /home/rakesh.pem does not exist.
[root@ip-172-31-41-116 ~]# aws s3 cp /rakesh.pem s3://tesst-ra
kesh/

The user-provided path /rakesh.pem does not exist.
[root@ip-172-31-41-116 ~]# pwd
/root
[root@ip-172-31-41-116 ~]# aws s3 cp /root/rakesh.pem s3://tes
st-rakesh/
Completed 1.6 KiB/1.6 KiB (15.1 KiB/s) with 1 file(s) remainin
upload: ./rakesh.pem to s3://tesst-rakesh/rakesh.pem

[root@ip-172-31-41-116 ~]#
```



7) Write a bash script to create s3 bucket.

8) Upload one 1 gb of file to s3 using cli.

```
nani@DESKTOP-O5K4621 MINGW64 ~/OneDrive/Desktop (master)
$ truncate -s 1G rakesh.file

nani@DESKTOP-O5K4621 MINGW64 ~/OneDrive/Desktop (master)
$ ls -lh | grep rakesh.file
-rw-r--r-- 1 nani 197609 1.0G Nov 16 19:10 rakesh.file

nani@DESKTOP-O5K4621 MINGW64 ~/OneDrive/Desktop (master)
$ aws s3 cp rakesh.file s3://tesst-rakesh/
upload failed: .\rakesh.file to s3://tesst-rakesh/rakesh.file Could not connect
to the endpoint URL: "https://tesst-rakesh.s3.us-east-1.amazonaws.com/rakesh.fil
e?uploads"

nani@DESKTOP-O5K4621 MINGW64 ~/OneDrive/Desktop (master)
$ aws s3 cp rakesh.file s3://tesst-rakesh/
upload: .\rakesh.file to s3://tesst-rakesh/rakesh.file

nani@DESKTOP-O5K4621 MINGW64 ~/OneDrive/Desktop (master)
$
```