Experiment 7

To create an AWS S3 bucket and load an object into it. Create a backup bucket.

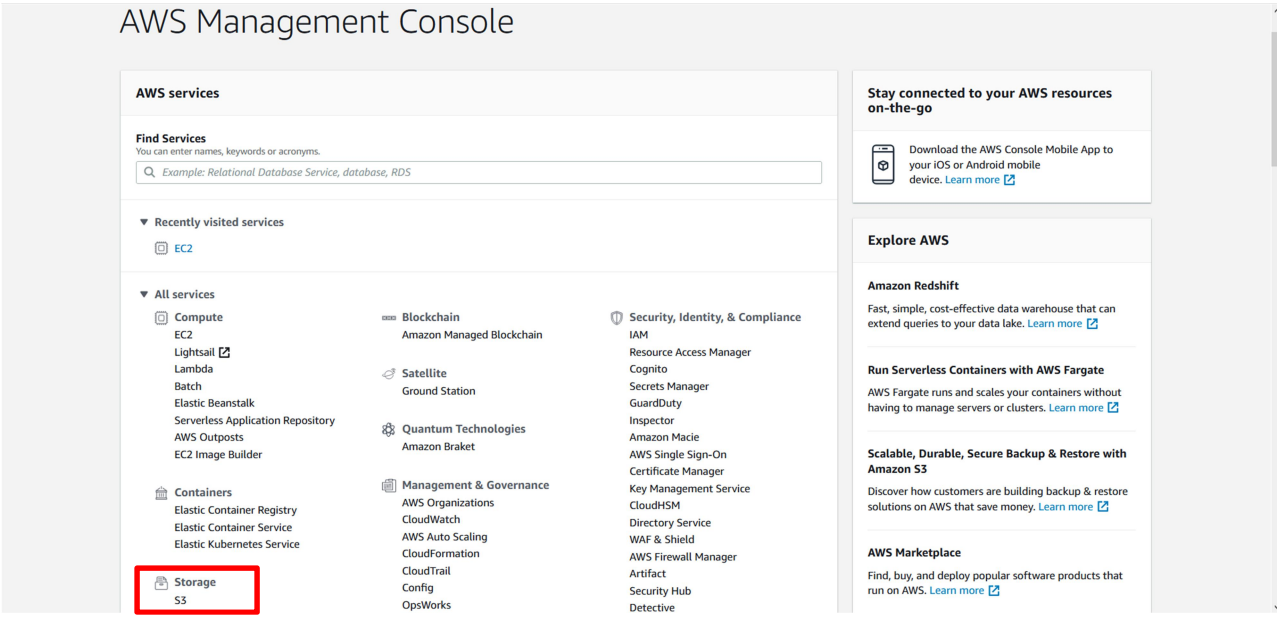
Elaboration of the terms used:-

AWS S3:-

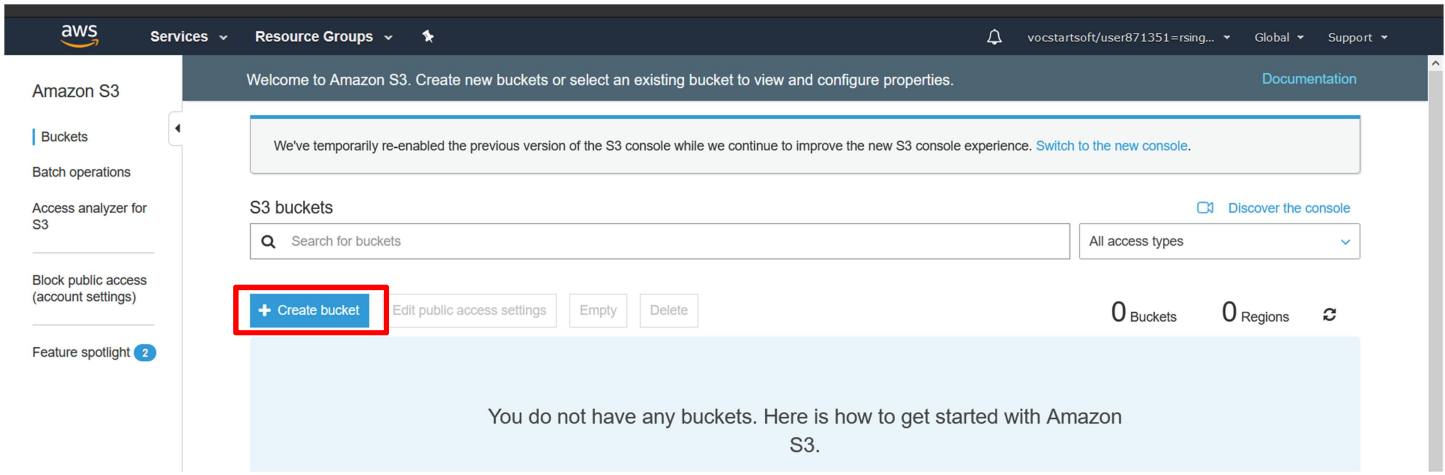
Amazon S3 or Amazon Simple Storage Service is a service offered by Amazon Web Services that provides object storage through a web service interface. It is an object storage service that offers industry-leading scalability, data availability, security, and performance. Amazon S3 uses the same scalable storage infrastructure that Amazon.com uses to run its global e-commerce network. Customers of all sizes and industries can use it to store and protect any amount of data for a range of use cases, such as websites, mobile applications, backup and restore, archive, enterprise applications, IoT devices, and big data analytics. Amazon S3 provides easy-to-use management features so you can organize your data and configure finely-tuned access controls to meet your specific business, organizational, and compliance requirements.

Steps to create bucket and load object into it:-

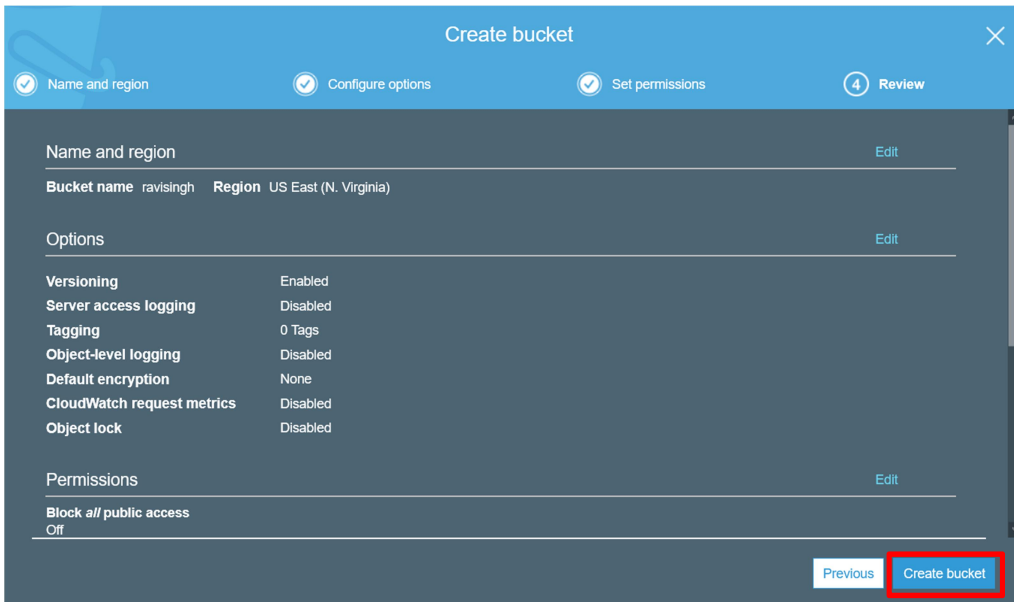
1. Go to AWS educate and open AWS Management console. Now, go to all services and click on S3 under Storage category.



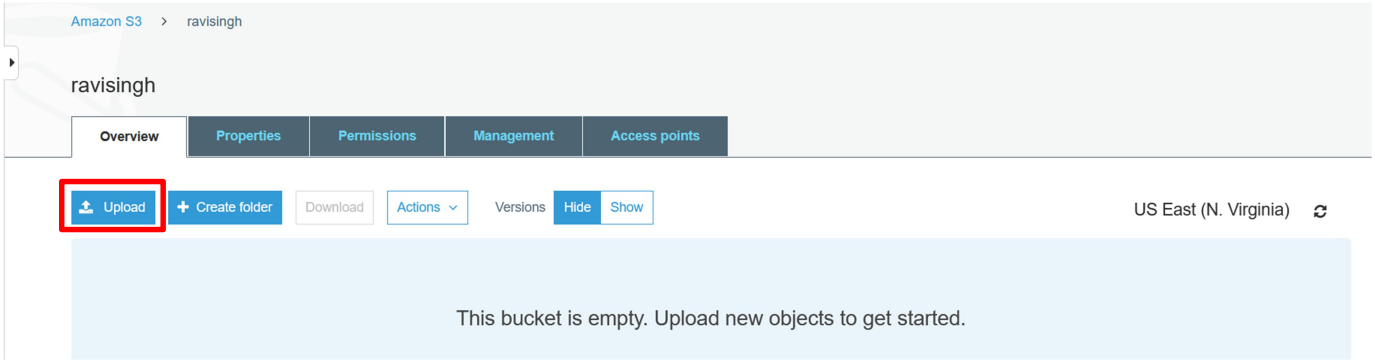
2. Now, click on create bucket option in Amazon S3



3. Now type a unique bucket name and check the necessary permissions required. Review the setting and after that click on Create Bucket.

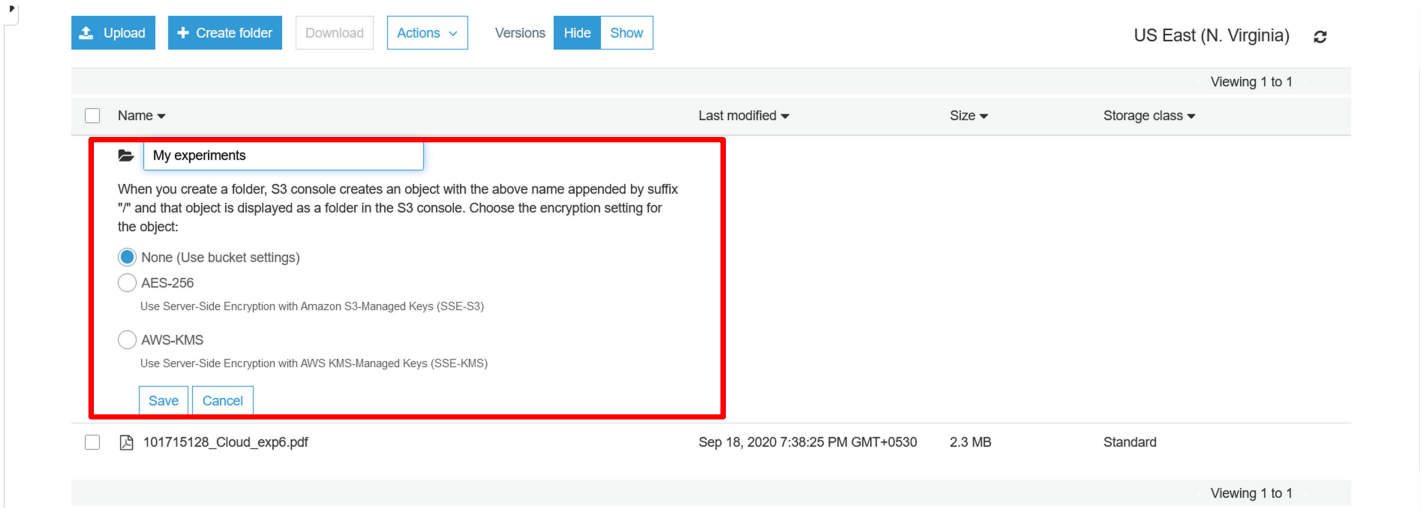


4. You will be able to see the created bucket on the list on buckets. Click on the name of bucket and further click on Upload to upload on object in the bucket



5. Browse the file to be uploaded and click on Add file. Set necessary permissions and properties required. Review the settings and click upload.

Now create a folder in this bucket (eg. My experiments). Use the bucket settings and click save. Now right click on the file and move the file to this newly created folder.



6. Create a backup folder (eg. Backupravisingh) in AWS S3. Go to the previous bucket and go to the file. Right click on the file and select copy. Select the destination as the backup folder and click choose. Your backup will be created.