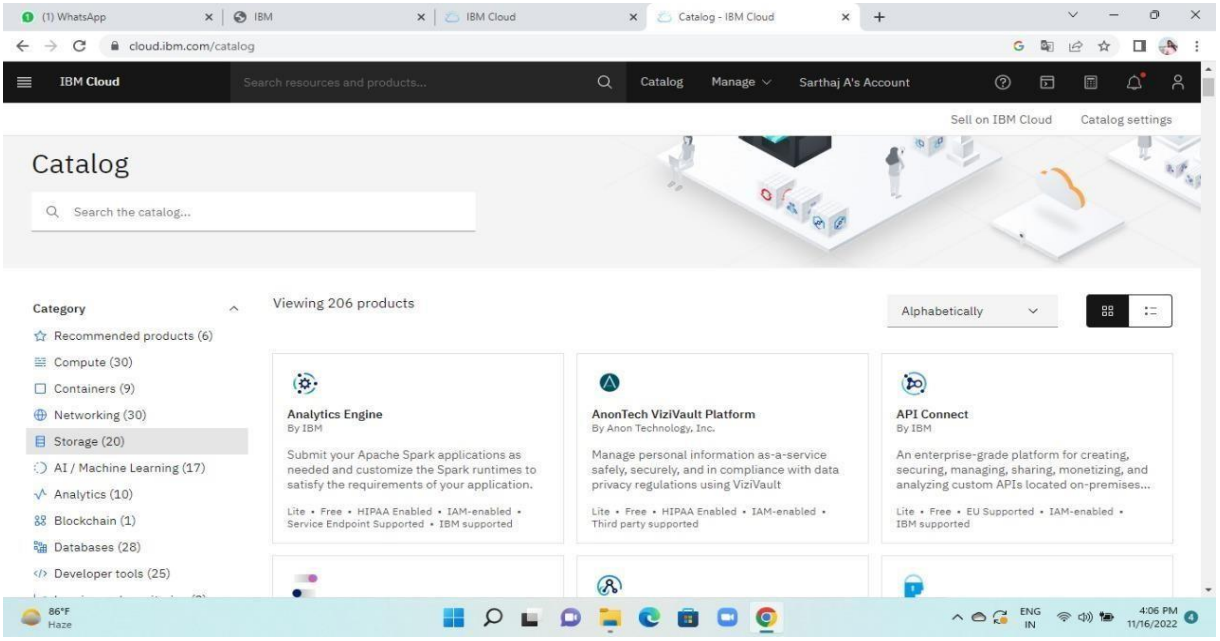
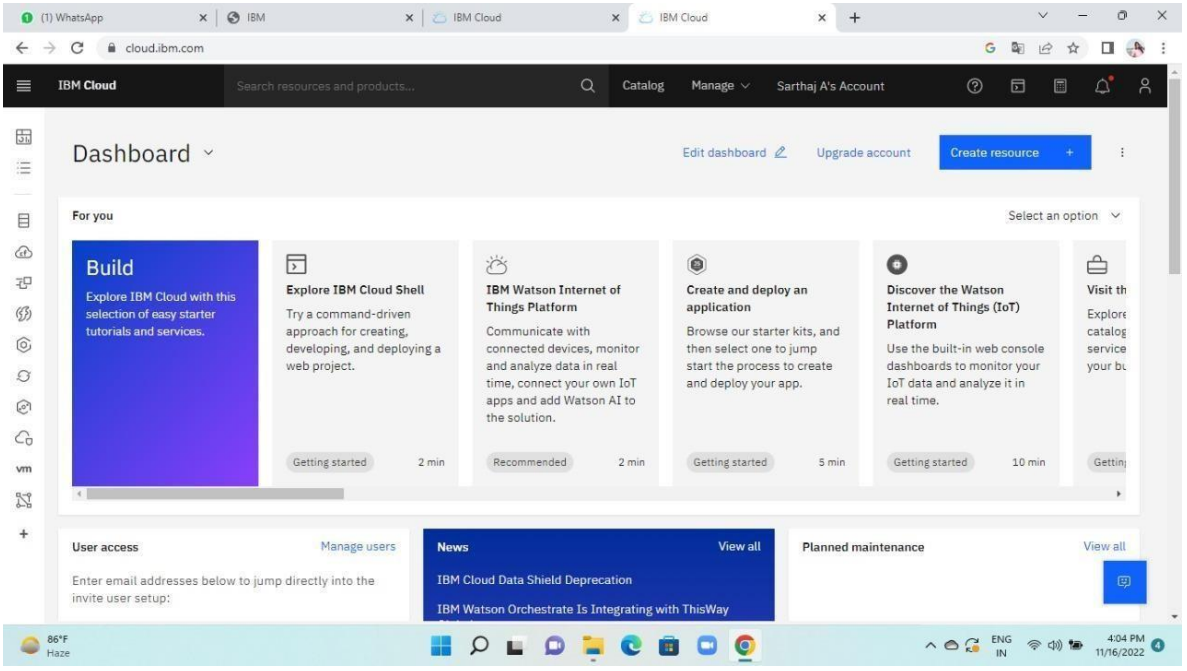
CREATE A CLOUD OBJECT STORAGE SERVICE

DATE	15-NOV-2022
TEAM ID	PNT2022TMID15778
PROJECT NAME	IOT Based Smart Crop Protection System for Agriculture

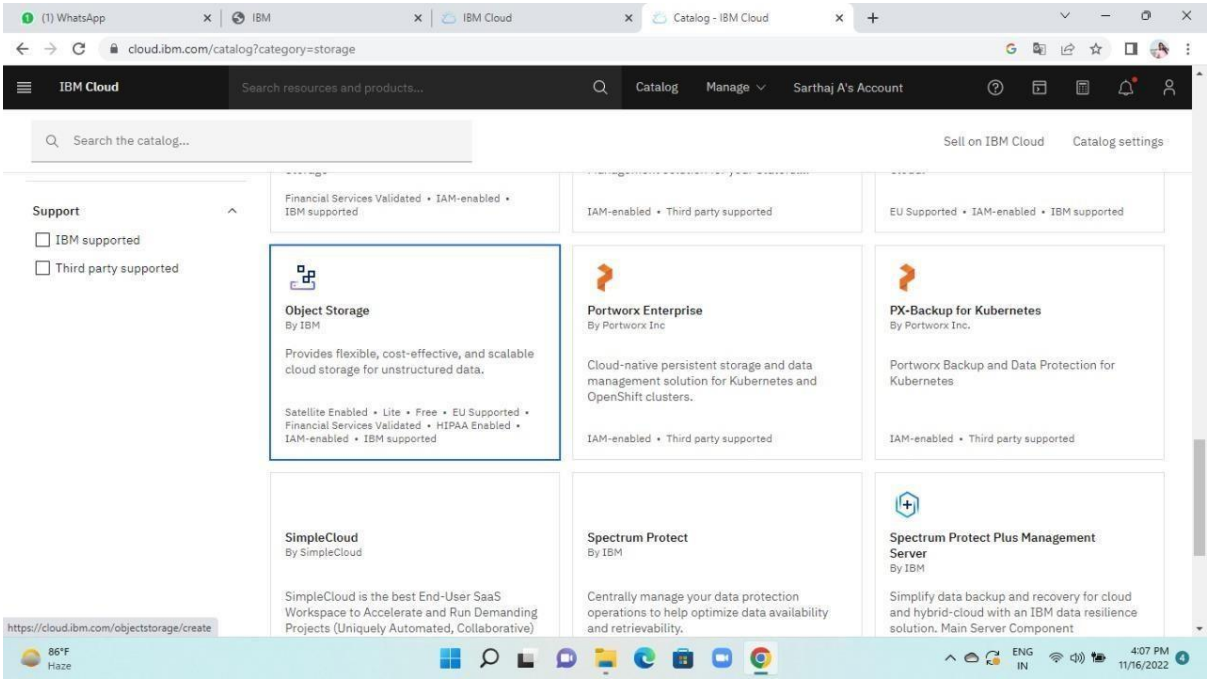
Step 1: Enter your IBM cloud account credentials.



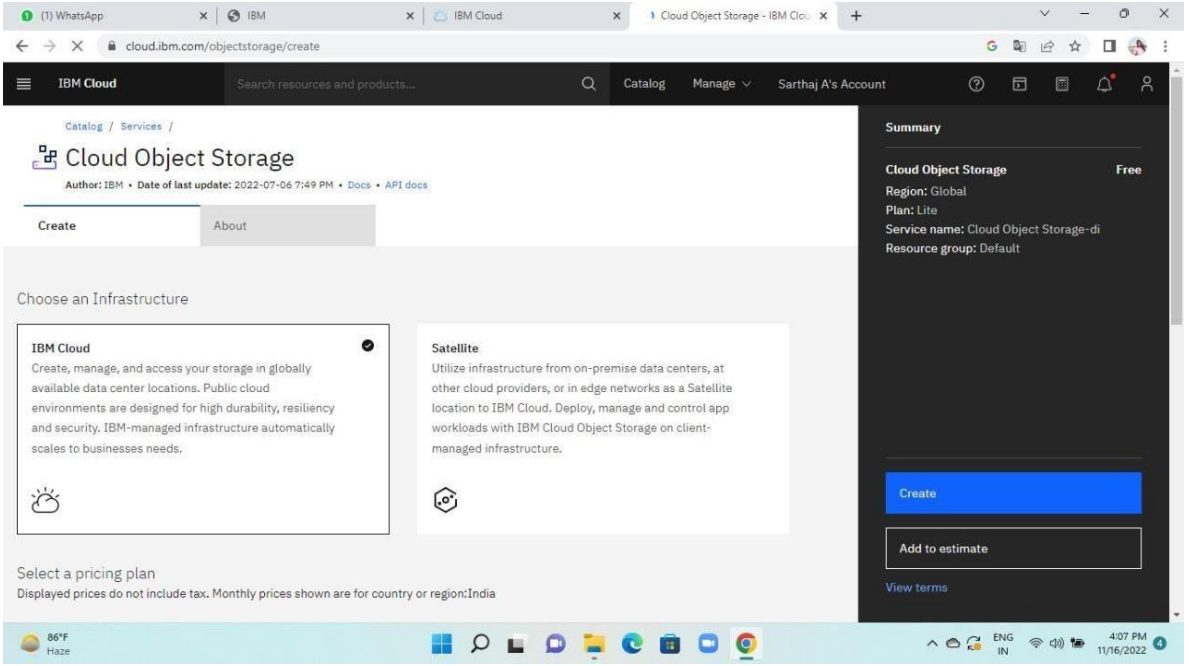
Step 2: open the catalog. then click on the storage.



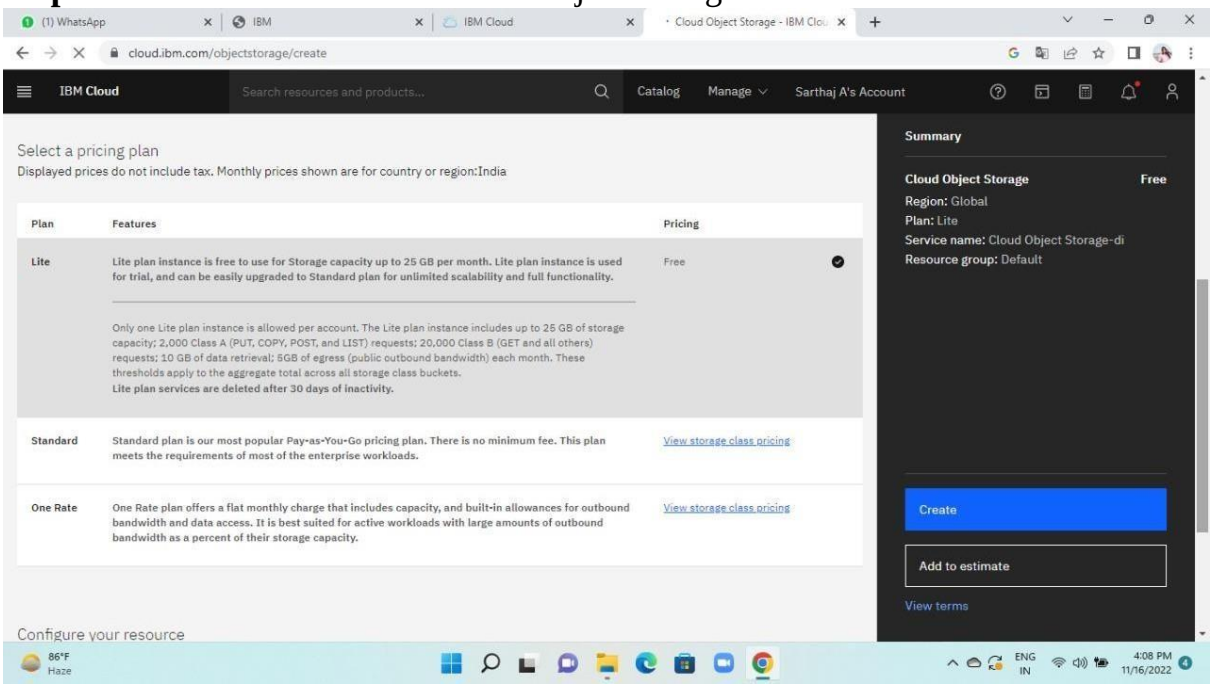
Step 3 : Then if you scroll down you observeobjectstorage and click on it.



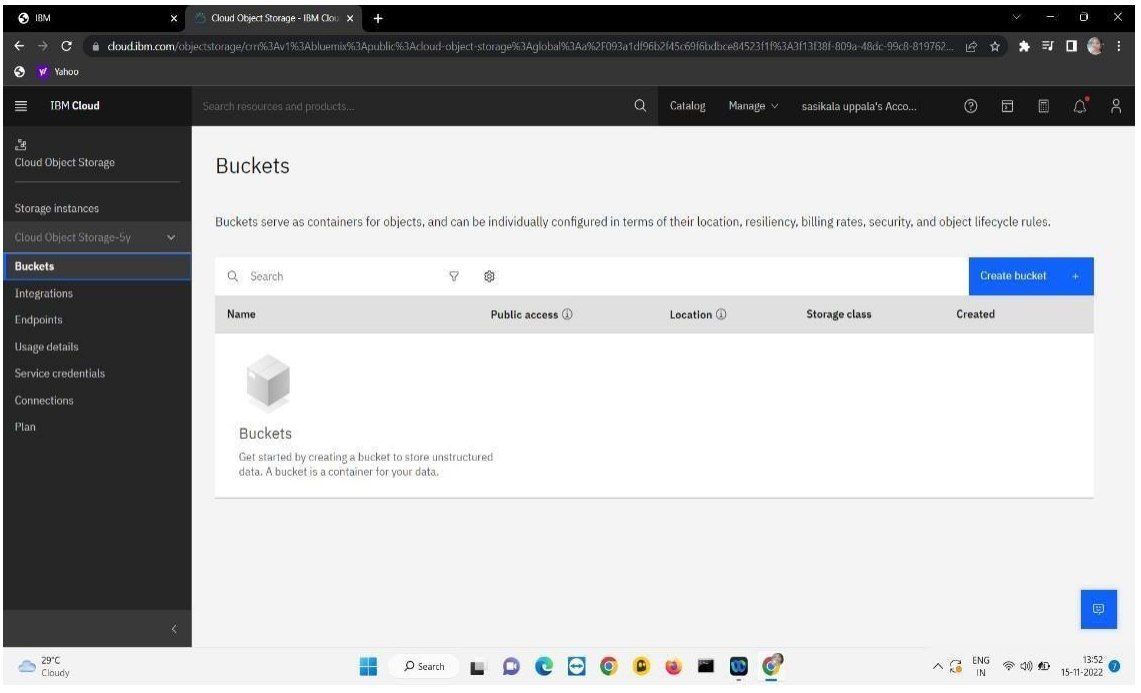
Step 4 : Then it will open like in the below andclick oncreate to create the cloud object storage.

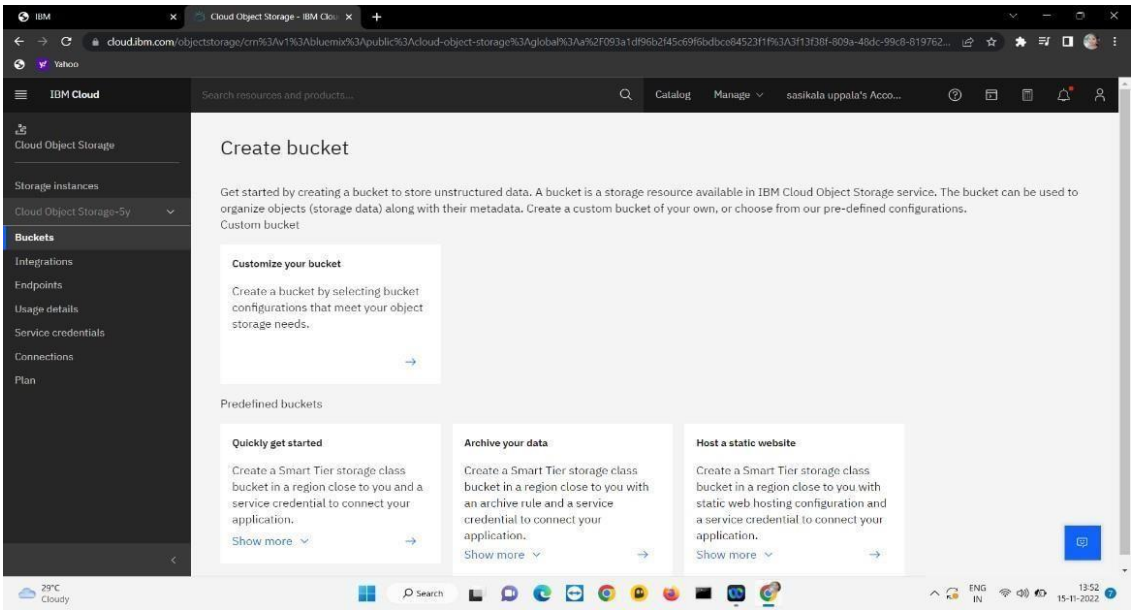


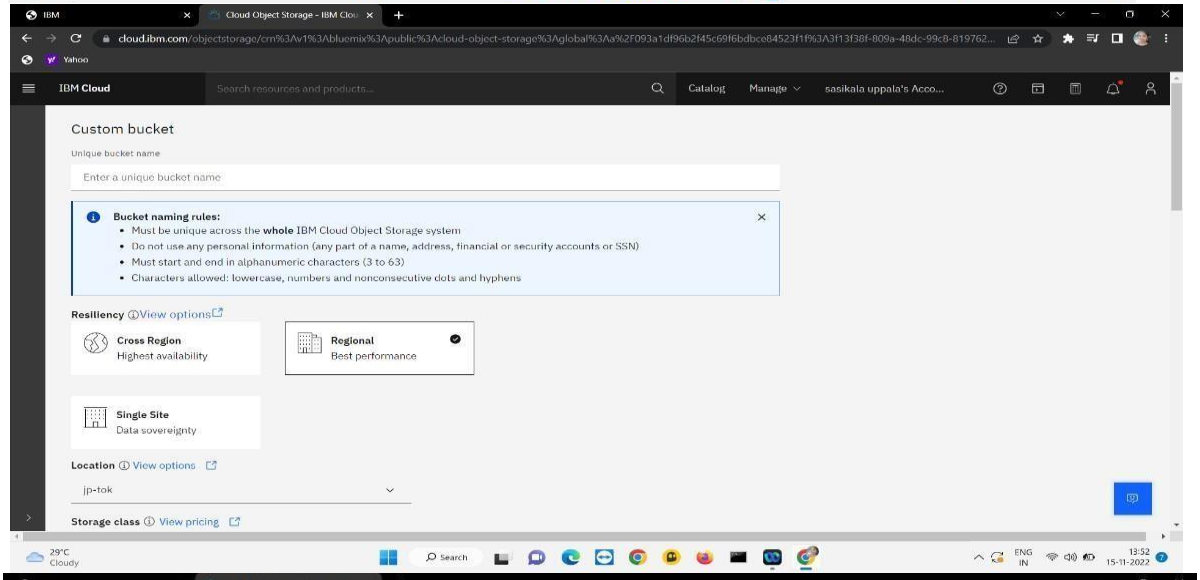
Step 5 : Therefore creation of cloud object storage is created.

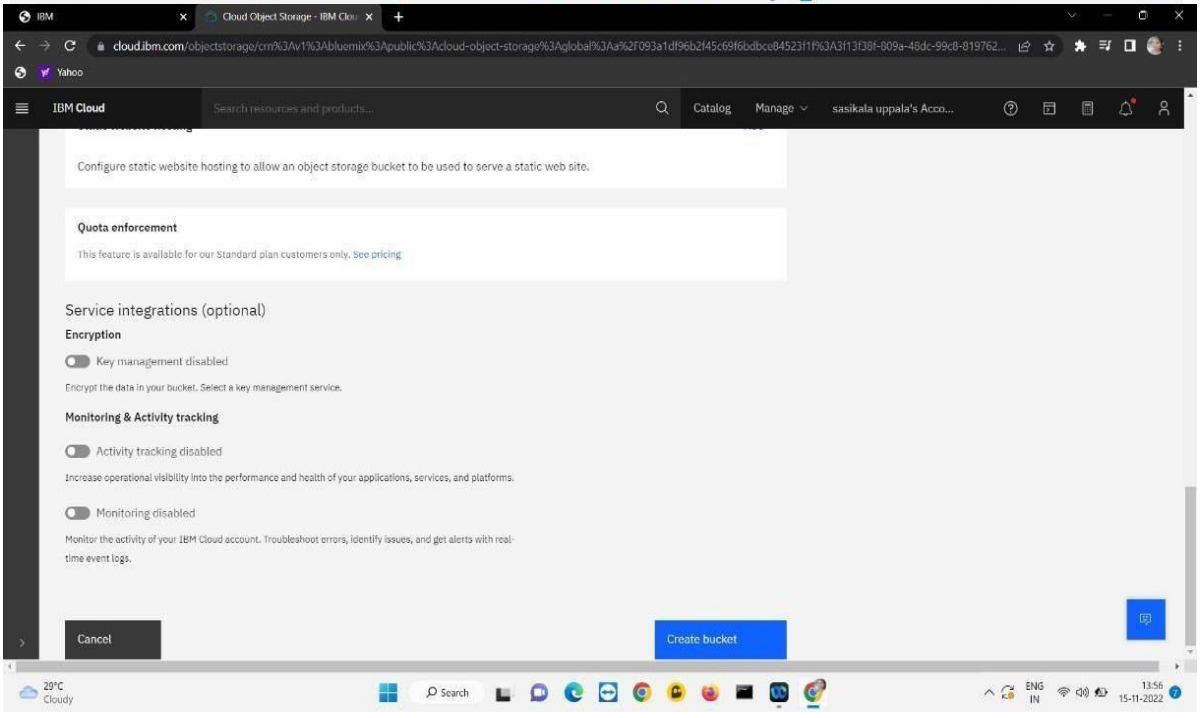


Step 6 : We need to establish a bucket to store the image. Clicking on it will display a few options for creating buckets. Selecting a custom bucket will open as seen below. Enter the information requested, then click the Create Bucket button.

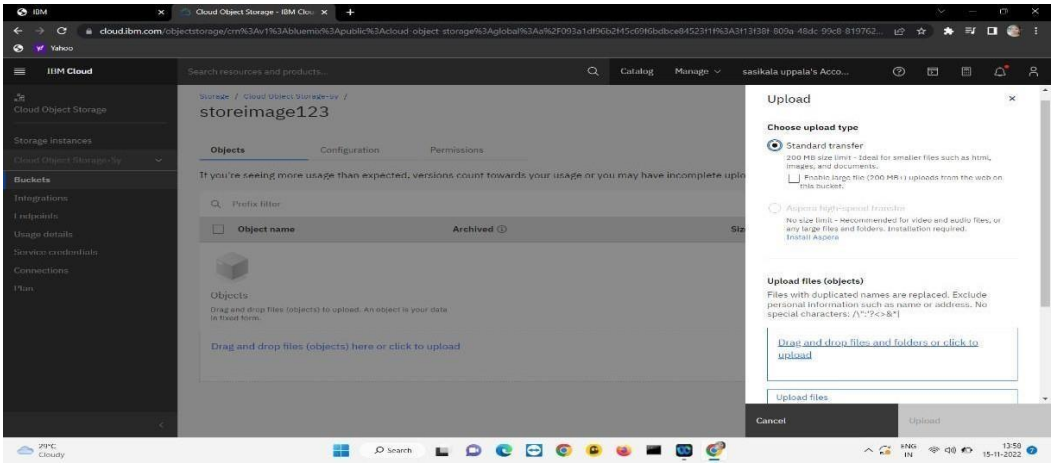


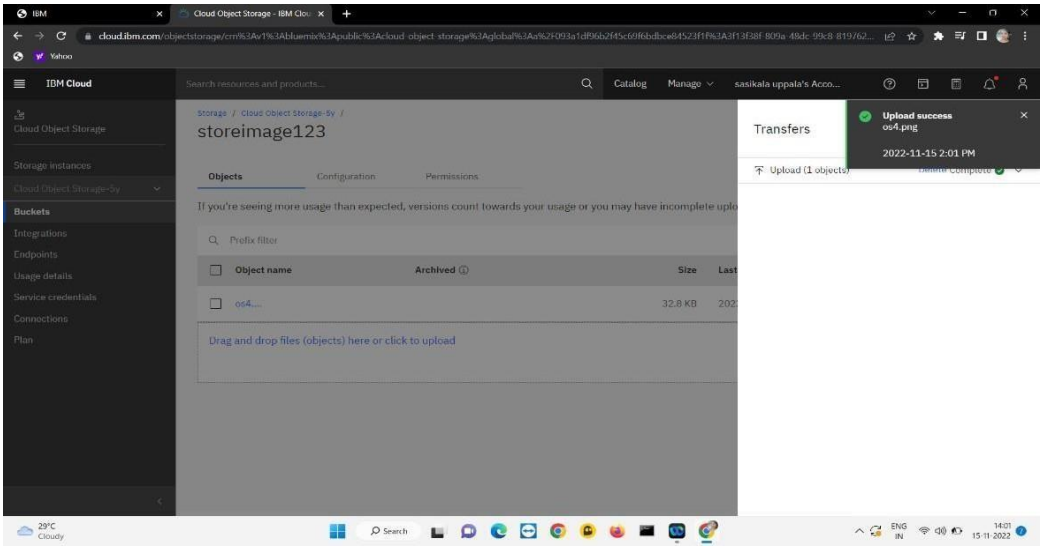

IBM Cloud
Search resources and products...
Catalog
Manage
sasikala uppala's Acco...
Cloud Object Storage
Storage instances
Cloud Object Storage-5y
Buckets
Integrations
Endpoints
Usage details
Service credentials
Connections
Plan
Create bucket
Get started by creating a bucket to store unstructured data. A bucket is a storage resource available in IBM Cloud Object Storage service. The bucket can be used to organize objects (storage data) along with their metadata. Create a custom bucket of your own, or choose from our pre-defined configurations.
Custom bucket
Customize your bucket
Create a bucket by selecting bucket configurations that meet your object storage needs.
Predefined buckets
Quickly get started
Create a Smart Tier storage class bucket in a region close to you and a service credential to connect your application.
Show more
Archive your data
Create a Smart Tier storage class bucket in a region close to you with an archive rule and a service credential to connect your application.
Show more
Host a static website
Create a Smart Tier storage class bucket in a region close to you with static web hosting configuration and a service credential to connect your application.
Show more


IBM Cloud
Search resources and products...
Catalog
Manage
sasikala uppala's Acco...
Custom bucket
Unique bucket name
Enter a unique bucket name
Bucket naming rules:
Must be unique across the whole IBM Cloud Object Storage system
Do not use any personal information (any part of a name, address, financial or security accounts or SSN)
Must start and end in alphanumeric characters (3 to 63)
Characters allowed: lowercase, numbers and nonconsecutive dots and hyphens
Resiliency View options
Cross Region
Highest availability
Regional
Best performance
Single Site
Data sovereignty
Location View options
jp-tok
Storage class View pricing

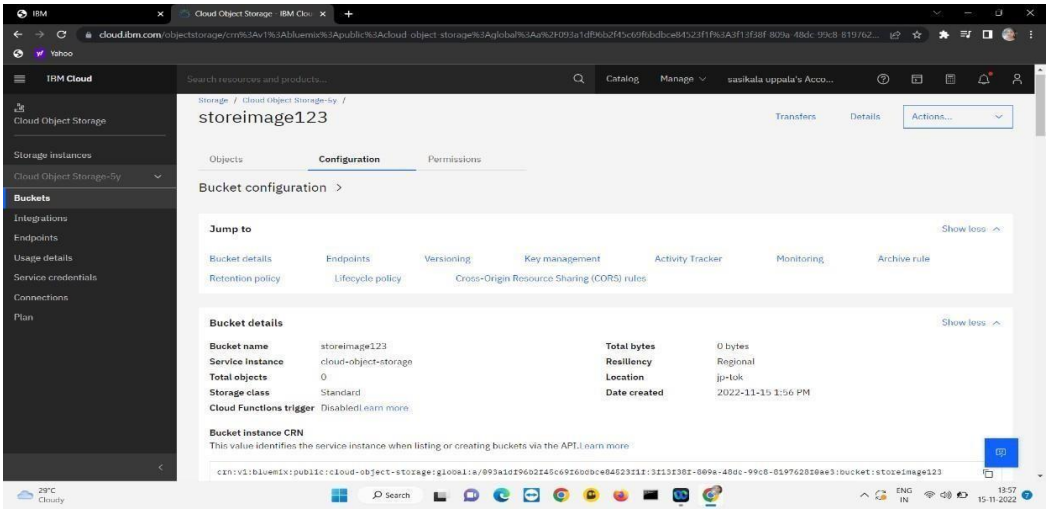

IBM Cloud
Search resources and products...
Catalog
Manage
sasikala uppala's Acco...
Configure static website hosting to allow an object storage bucket to be used to serve a static web site.
Quota enforcement
This feature is available for our Standard plan customers only. See pricing
Service integrations (optional)
Encryption
Key management disabled
Encrypt the data in your bucket. Select a key management service.
Monitoring & Activity tracking
Activity tracking disabled
Increase operational visibility into the performance and health of your applications, services, and platforms.
Monitoring disabled
Monitor the activity of your IBM Cloud account. Troubleshoot errors, identify issues, and get alerts with real-time event logs.
Cancel
Create bucket

Step 7 : Then you get observe bucket is created successfully. And to store the images drag anddrop filesshown in below picture.

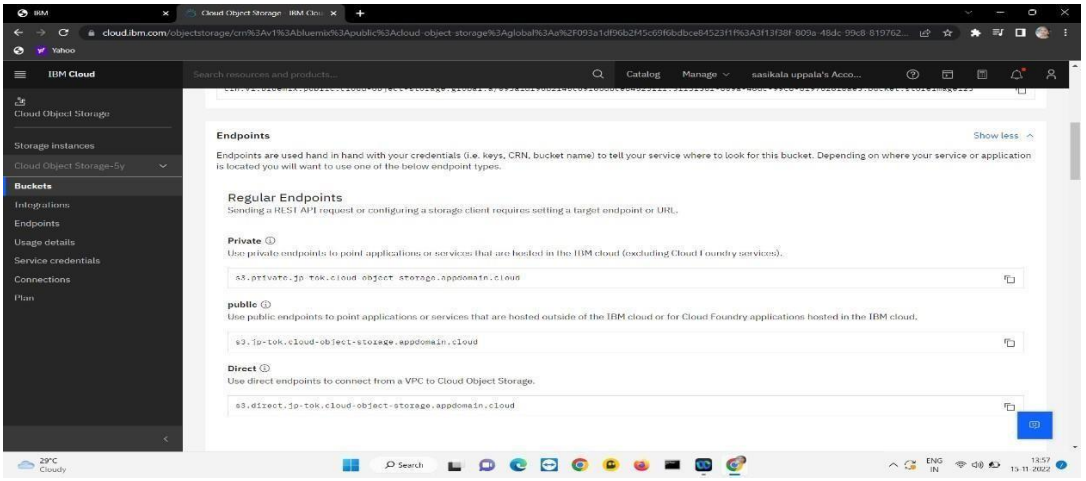




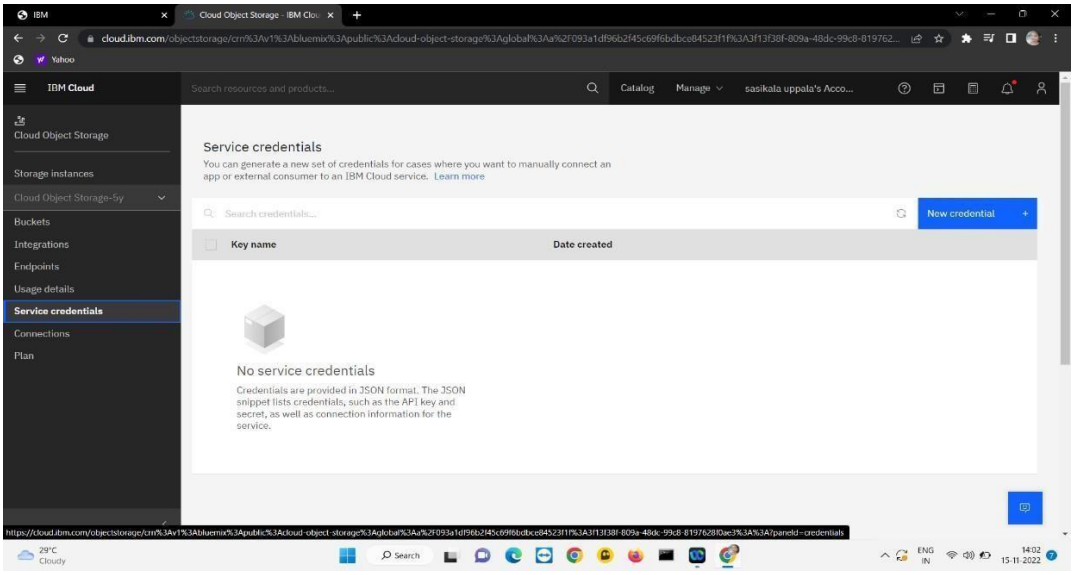
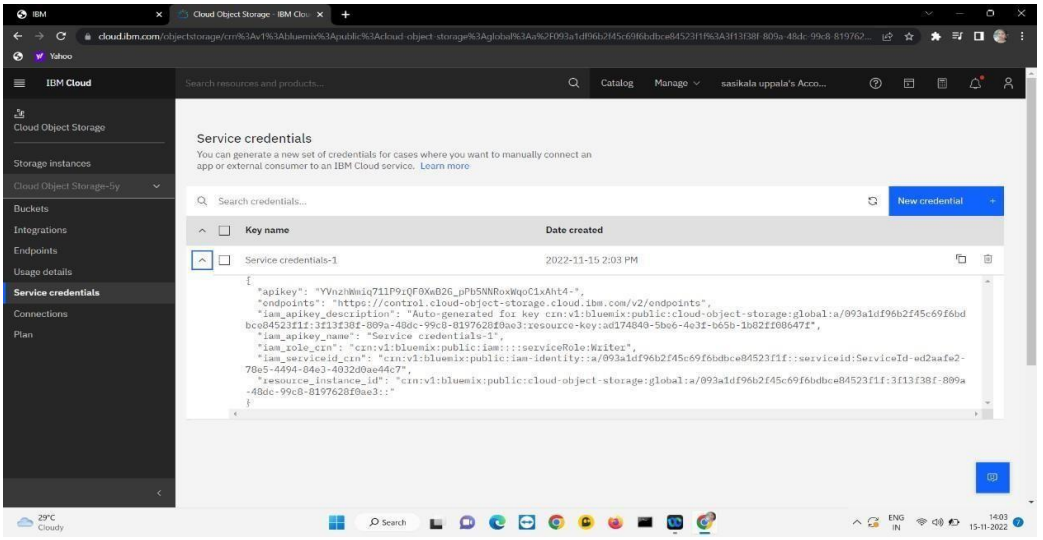
Step 8: Now you can see observe configuration settings as shown.



Step 9: Here you can see the endpoints which is used for programming.



Step 10: The important part is service credentials for programming integrity.



Now click on create credential then you get this the figure below and remember those for programming.