

## Creating a cloud object storage service

Team id:	PNT2022TMID36755
Project name:	IoT based smart crop protection system for agriculture

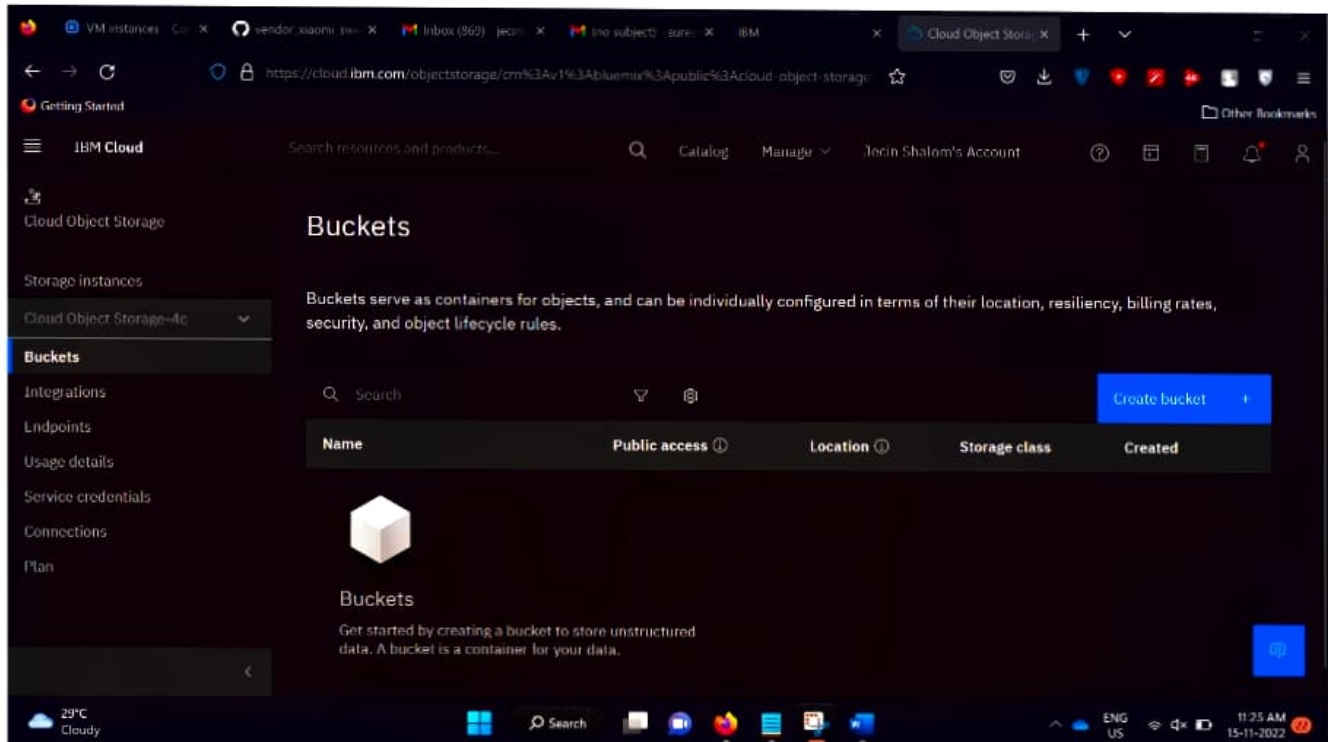
**Aim:** To create a web application cloud object storage service.

## Steps:

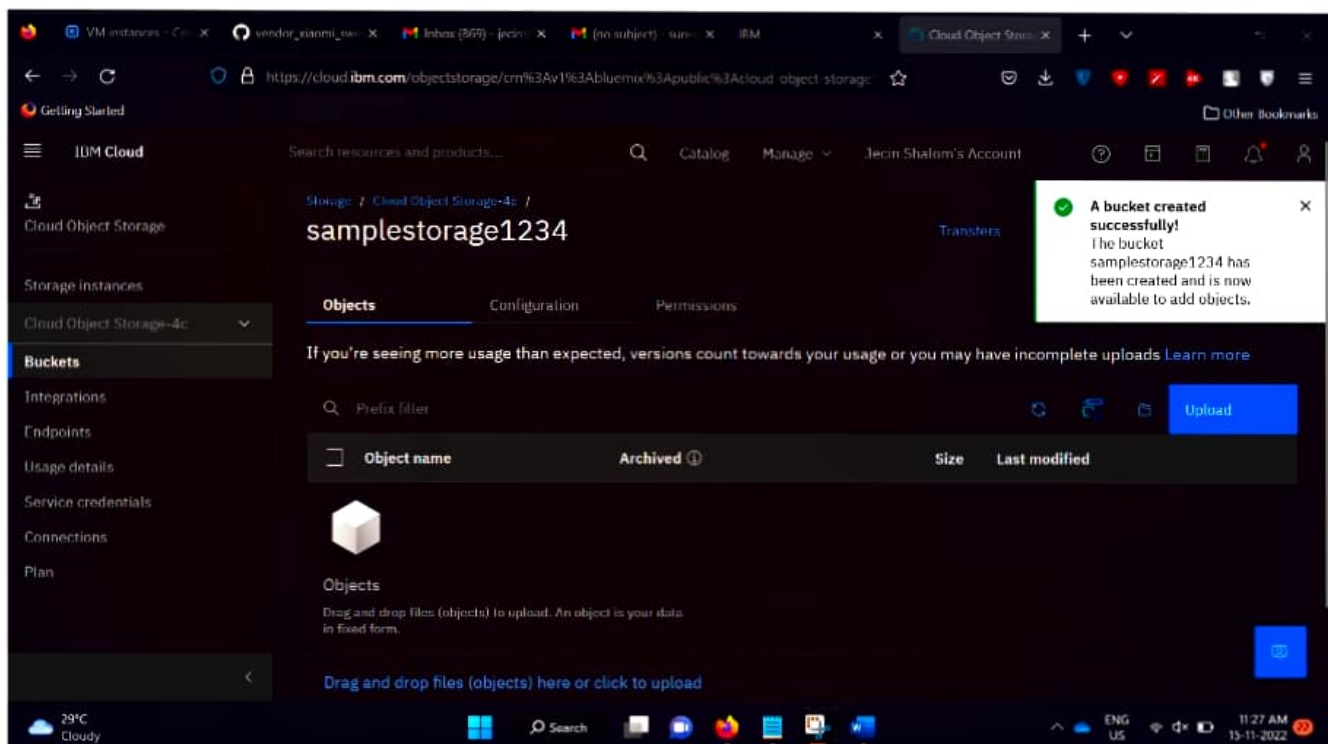
- 1) Navigate to CataLog and select Cloud Object Storage from services tab

The screenshot shows the IBM Cloud Catalog interface. The browser address bar displays <https://cloud.ibm.com/objectstorage/create>. The page header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and the user account (Jecin Shalom's Account). The main content area is titled "Cloud Object Storage" and includes a "Create" button. Below this, there are two infrastructure options: "IBM Cloud" and "Satellite". The "IBM Cloud" option is selected and shows a description: "Create, manage, and access your storage in globally available data center locations. Public cloud environments are designed for high durability, resiliency and security. IBM-managed infrastructure automatically scales to businesses needs." The "Satellite" option is also visible with its description. On the right side, a "Summary" panel shows details for "Cloud Object Storage" with a "Free" plan, "Global" region, "File" plan, and "Service name: Cloud Object Storage-qt". A "Create" button is present in the summary panel. The bottom of the page shows a Windows taskbar with the date and time (11:23 AM 15/11/2022).

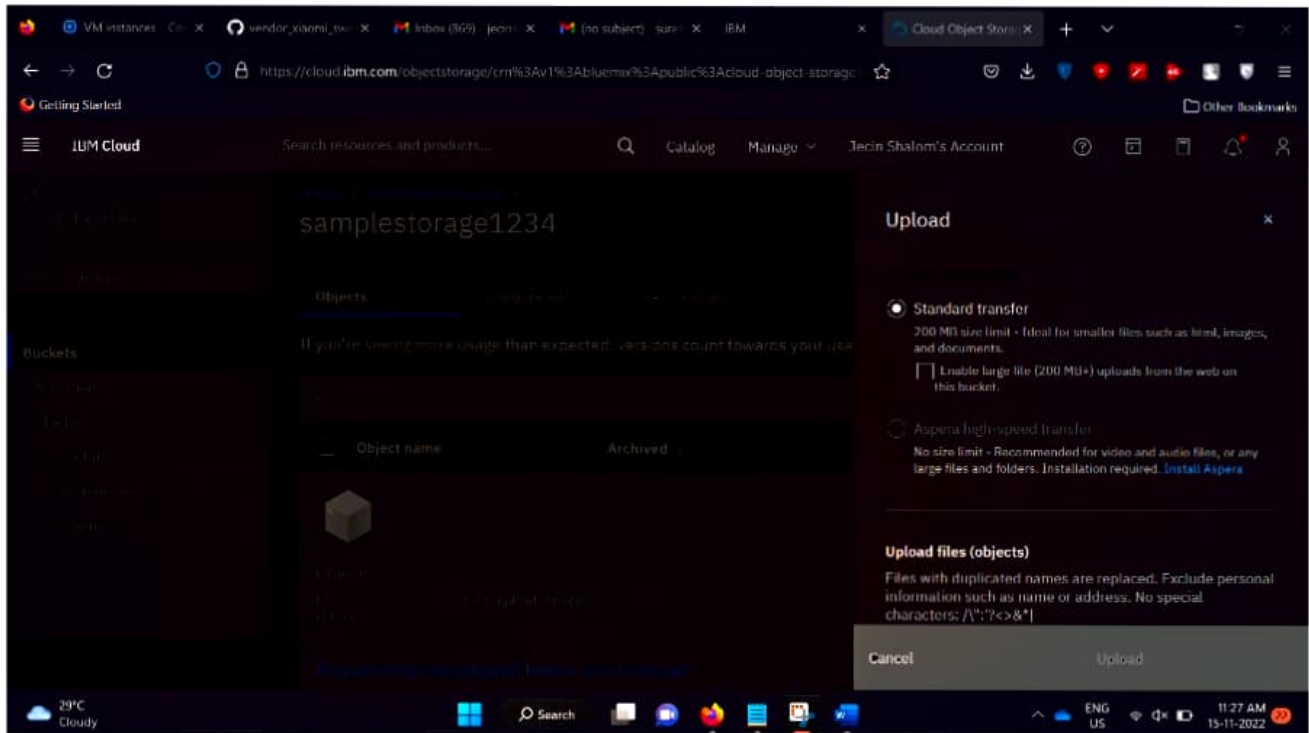
## 2) After creating storage, you can find create Bucket option



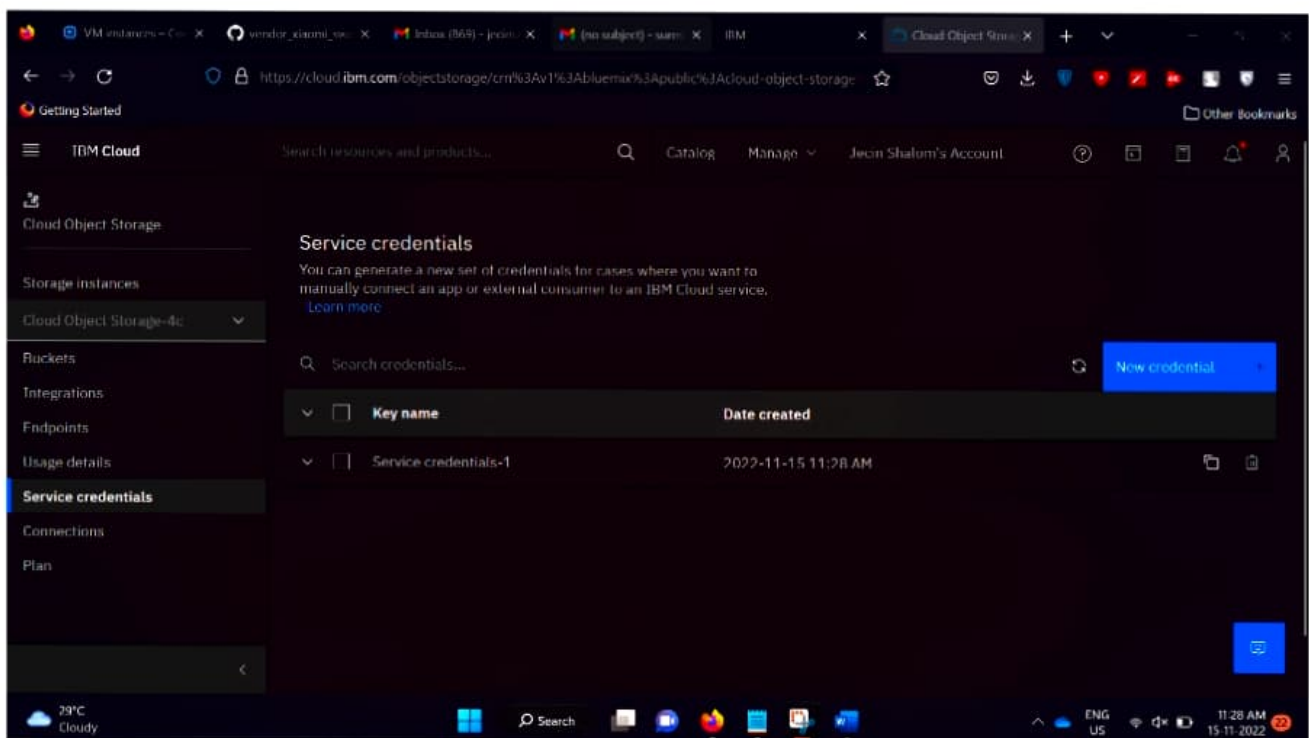
## 3) Create a Sample Bucket



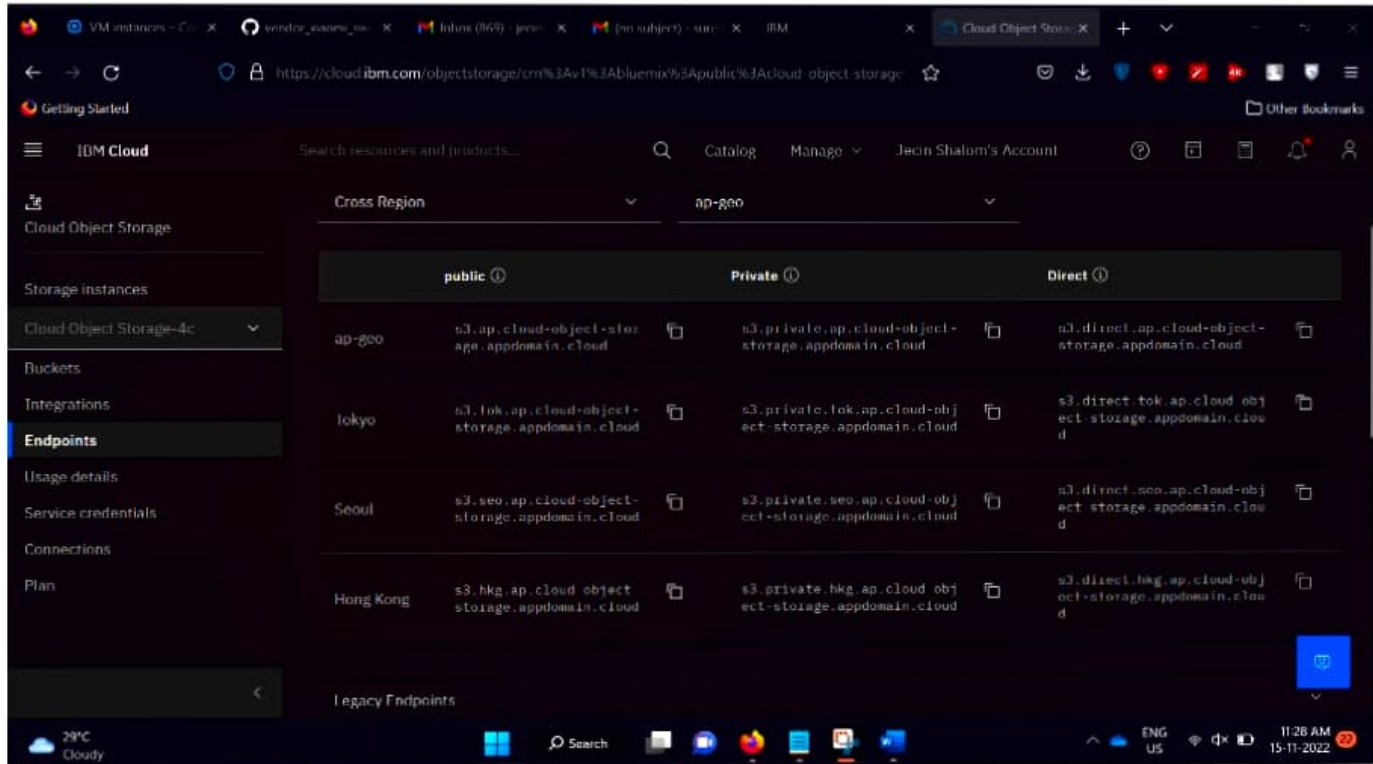
#### 4) In order to Upload Files Click Upload Icon



#### 5) Create Service credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service.



6) Choose an endpoint URL that is located in the same region as your service or application and proceed with codings.



The screenshot shows the IBM Cloud Object Storage console. The left sidebar contains a navigation menu with options: Getting Started, IBM Cloud, Cloud Object Storage, Storage instances, Buckets, Integrations, Endpoints (selected), Usage details, Service credentials, Connections, and Plan. The main content area shows the 'Endpoints' page for the 'Cloud Object Storage-4c' instance. The page is filtered by 'Cross Region' and 'ap-geo'. The table below lists endpoints for different regions and storage types.

	public ①	Private ①	Direct ①
ap-geo	s3.ap.cloud-object-storage.appdomain.cloud	s3.private.ap.cloud-object-storage.appdomain.cloud	s3.direct.ap.cloud-object-storage.appdomain.cloud
tokyo	s3.tok.ap.cloud-object-storage.appdomain.cloud	s3.private.tok.ap.cloud-object-storage.appdomain.cloud	s3.direct.tok.ap.cloud-object-storage.appdomain.cloud
Seoul	s3.seo.ap.cloud-object-storage.appdomain.cloud	s3.private.seo.ap.cloud-object-storage.appdomain.cloud	s3.direct.seo.ap.cloud-object-storage.appdomain.cloud
Hong Kong	s3.hkg.ap.cloud-object-storage.appdomain.cloud	s3.private.hkg.ap.cloud-object-storage.appdomain.cloud	s3.direct.hkg.ap.cloud-object-storage.appdomain.cloud

Legacy Endpoints

Thus, the cloud object storage is successfully created.