

### ASSIGNMENT – 3

#### News Tracker Application

Assignment Date	25.10.2022
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#### Question :

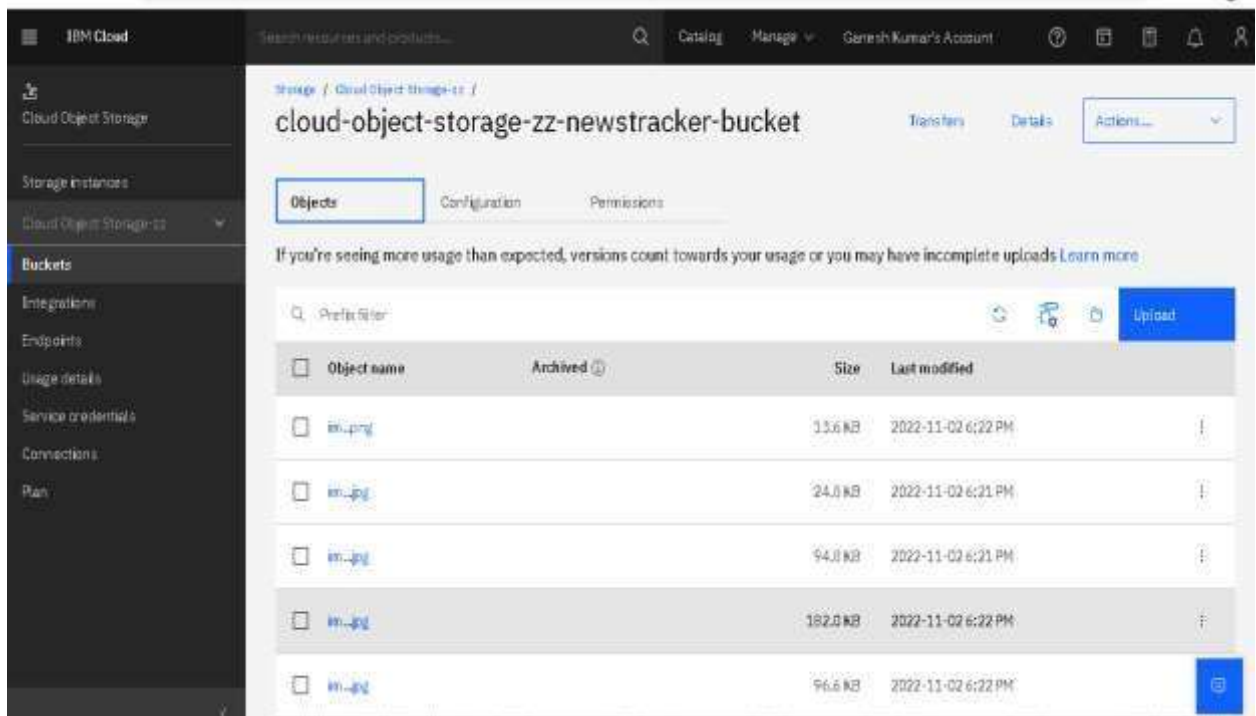
1. Create a Bucket in IBM object storage.
2. Upload 5 images to IBM object storage and make it public. Write HTML code to display all the 5 images.
3. Upload a CSS page to the object storage and use the same page in your HTML code.
4. Design a chatbot using IBM Watson assistant for hospital. Ex: User comes with a query to know the branches for that hospital in your city. Submit the web URL of that chat bot as a assignment.
5. Create Watson assistant service with 10 steps and use 3 conditions in it. Load that script in the HTML page.

#### Create a Bucket in IBM object storage :

The screenshot shows the IBM Cloud console interface. On the left, a dark sidebar contains a navigation menu with options like 'Cloud Object Storage', 'Storage instances', 'Cloud Object Manager', 'Buckets', 'Integrations', 'Endpoints', 'Usage details', 'Service credentials', 'Connections', and 'Plan'. The 'Buckets' option is highlighted. The main content area is titled 'Buckets' and includes a search bar and a 'Create bucket' button. Below this, a table lists existing buckets. The table has five columns: 'Name', 'Public access', 'Location', 'Storage class', and 'Created'. One bucket is listed with the name 'cloud-object-storage-22-newstracker-buc-ke1', public access set to 'Yes', location 'jp-tok', storage class 'Smart Tier', and creation time '2022-11-02 6:20 PM'. A blue button with a plus icon is in the bottom right corner.

Name	Public access	Location	Storage class	Created
cloud-object-storage-22-newstracker-buc-ke1	Yes	jp-tok	Smart Tier	2022-11-02 6:20 PM

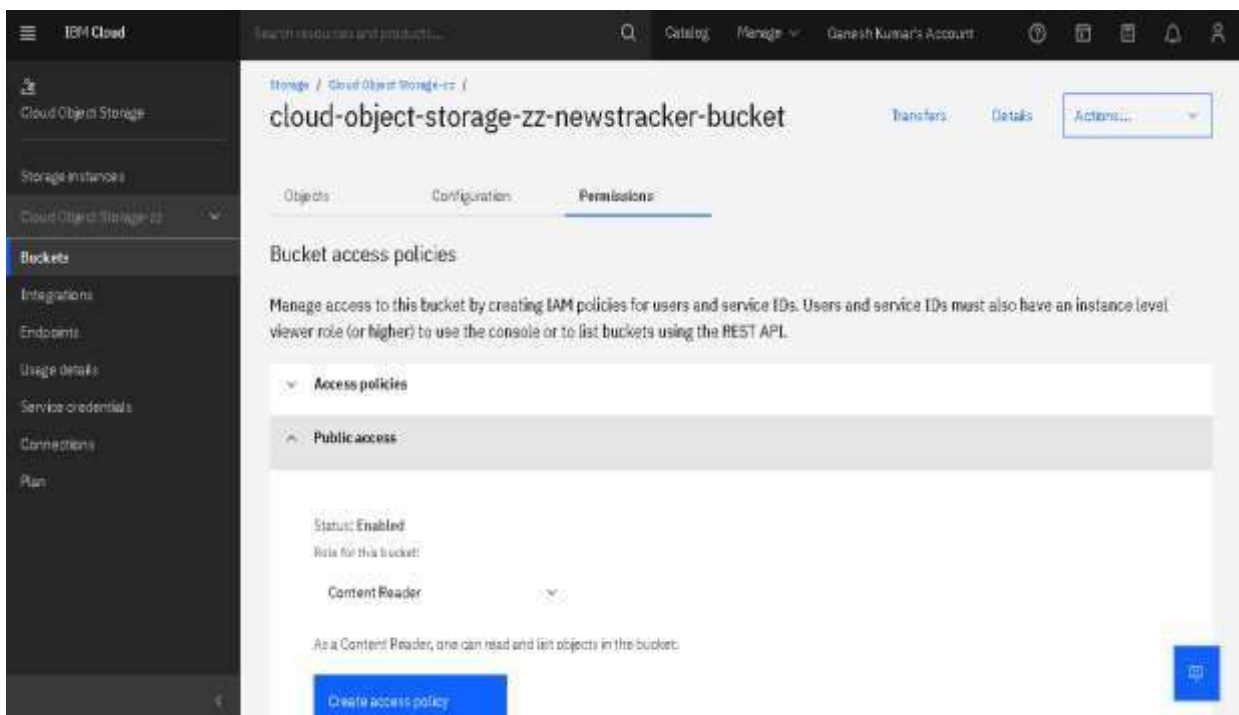
Upload an 5 images to IBM object storage :



The screenshot shows the IBM Cloud console interface for the 'cloud-object-storage-zz-newstracker-bucket'. The left sidebar contains navigation links for Cloud Object Storage, Storage instances, Cloud Object Storage-zz, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main panel displays the bucket name and tabs for Objects, Configuration, and Permissions. The 'Objects' tab is active, showing a list of 5 objects, each named 'im.jpg', with their sizes and last modified dates. An 'Upload' button is visible in the top right corner of the object list.

Object name	Archived	Size	Last modified
im.jpg		13.6 KB	2022-11-02 6:22 PM
im.jpg		24.0 KB	2022-11-02 6:21 PM
im.jpg		94.0 KB	2022-11-02 6:21 PM
im.jpg		182.0 KB	2022-11-02 6:22 PM
im.jpg		96.6 KB	2022-11-02 6:22 PM

Make the images to public access :



The screenshot shows the 'Permissions' tab for the 'cloud-object-storage-zz-newstracker-bucket'. The 'Bucket access policies' section is visible, with a 'Public access' section that is expanded. The 'Status' is 'Enabled', and the 'Role for this bucket' is 'Content Reader'. A description states: 'As a Content Reader, one can read and list objects in the bucket.' A 'Create access policy' button is located at the bottom left of the permissions section.

**Bucket access policies**

Manage access to this bucket by creating IAM policies for users and service IDs. Users and service IDs must also have an instance level viewer role (or higher) to use the console or to list buckets using the REST API.

**Access policies**

**Public access**

Status: Enabled  
Role for this bucket:  
Content Reader

As a Content Reader, one can read and list objects in the bucket.

Create access policy

**Displaying the images :**

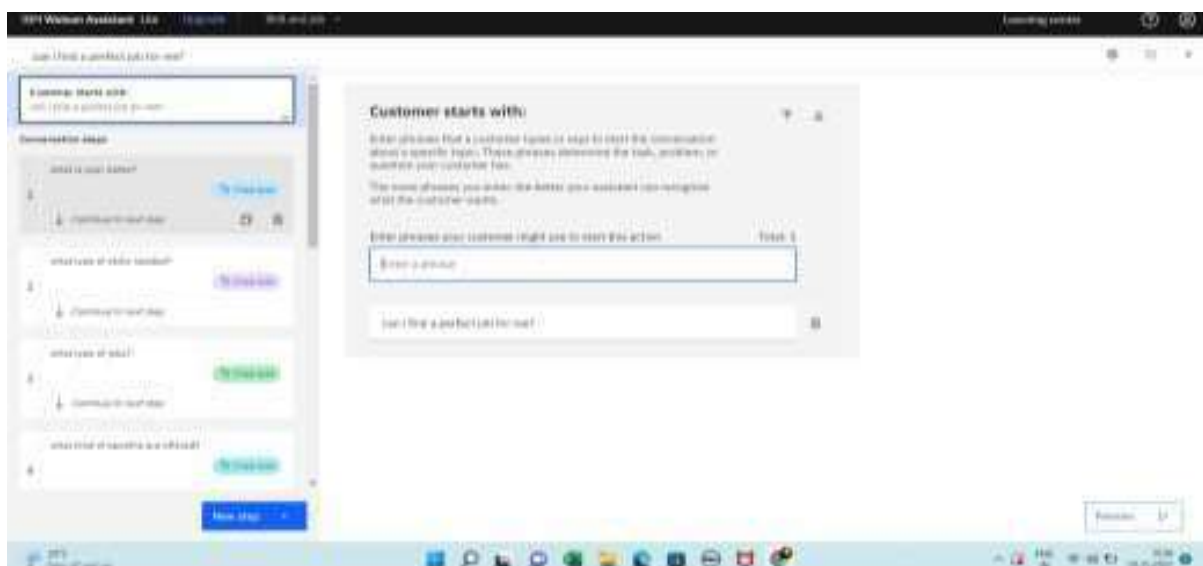


**Create a Chatbot :**

**Chatbot URL :**

[https://eugb.assistant.watson.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Aconversation%3Aeugb%3Aa%2F9182eb50421c4908b69706424142867a%3A6c14a73a-2961-4c1aa3fc-d0e7e87d7bcf%3A%3A/assistants/f4321669-4403-4d38-8e2c-44a848ad62f3/actions/actions/custom/edit/action\\_6545#step\\_785](https://eugb.assistant.watson.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Aconversation%3Aeugb%3Aa%2F9182eb50421c4908b69706424142867a%3A6c14a73a-2961-4c1aa3fc-d0e7e87d7bcf%3A%3A/assistants/f4321669-4403-4d38-8e2c-44a848ad62f3/actions/actions/custom/edit/action_6545#step_785)

**Create Watson assistant with 10 steps and use 3 conditions in it:**



**Load that Chatbot script in the HTML page:**

