

ASSIGNMENT – 3

News Tracker Application

Assignment Date	03.11.2022
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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 for managing Buckets. On the left is a dark sidebar with navigation links: Cloud Object Storage, Storage instances, Cloud Object Management, Buckets (highlighted), Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main content area is titled 'Buckets' and includes a search bar, a 'Create bucket' button, and a table of existing buckets. The table has columns for Name, Public access, Location, Storage class, and Created. One bucket is listed with the name 'cloud-object-storage-22-news-tracker-bucket', public access set to 'Yes', location 'us-south', storage class 'Smart Tier', and created on '2022-11-02 6:20 PM'.

Name	Public access	Location	Storage class	Created
cloud-object-storage-22-news-tracker-bucket	Yes	us-south	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: Cloud Object Storage, Storage instances, Cloud Object Storage-zz, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main panel has tabs for Objects, Configuration, and Permissions. The 'Objects' tab is active, displaying a table of uploaded files. Above the table is a search bar and an 'Upload' button. A message states: 'If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads. Learn more'. The table lists 5 objects, all named 'img.jpg', with sizes ranging from 13.6 KB to 96.6 KB and timestamps from 2022-11-02 6:21 PM to 6:22 PM. Each row has a checkbox and a download icon.

Object name	Archived	Size	Last modified
img.jpg		13.6 KB	2022-11-02 6:22 PM
img.jpg		24.0 KB	2022-11-02 6:21 PM
img.jpg		94.0 KB	2022-11-02 6:21 PM
img.jpg		182.0 KB	2022-11-02 6:22 PM
img.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 left sidebar is the same as the previous screenshot. The main panel has tabs for Objects, Configuration, and Permissions. The 'Permissions' tab is active, showing 'Bucket access policies'. A message states: '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.' Below this, there is a section for 'Access policies' with a 'Public access' policy. The 'Public access' policy is 'Status: Enabled' and has a role of 'Content Reader'. A description states: 'As a Content Reader, one can read and list objects in the bucket.' A 'Create access policy' button is at the bottom.

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%3Apubli%3Aconversation%3Aeugb%3Aa%2F9182eb50421c4908b69706424142867a%3A6c14a73a-2961-4c1aa3fc-d0e7e87d7bcf%3A%3A/assistants/f4321669-4403-4d38-8e2c44a848ad62f3/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:

