

Assignment -3
Cloud Object Storage and Watson Assistant

Assignment Date	21 October2022
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Maximum Marks	2 Marks

Question-1:

Create a Bucket in IBM object storage

Solution:

IBM Cloud

Search resources and products...

Catalog Manage SREE AAKASH K R's Ac...

Cloud Object Storage

Storage instances

Cloud Object Storage-cz

Buckets

Integrations

Endpoints

Usage details

Service credentials

Connections

Plan

Buckets

Buckets serve as containers for objects, and can be individually configured in terms of their location, resiliency, billing rates, security, and object lifecycle rules.

Search

Create bucket +

Name	Public access ⓘ	Location ⓘ	Storage class	Created
htmlimages	Yes	jp-tok	Smart Tier	2022-10-27 7:32 PM

Question-2:

Upload an 5 images to ibm object storage and make it public. write html code to displaying all the 5 images.

Solution:

The screenshot shows the IBM Cloud Object Storage console. The left sidebar contains navigation links: IBM Cloud, Cloud Object Storage, Storage instances, Cloud Object Storage-cz, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main content area displays a bucket with 5 objects. The objects are listed in a table with columns: Object name, Archived, Size, and Last modified. The objects are: Online-Sh...ystem.jpeg (142.0 KB, 2022-10-27 7:42 PM), getty_663...353364.jpg (158.0 KB, 2022-10-30 10:51 AM), istockphoto-... 5-612x612.jpg (23.9 KB, 2022-10-30 10:51 AM), safe_s..._g_1.jpg (19.8 KB, 2022-10-27 7:42 PM), and sho..._2.jpg (295.8 KB, 2022-10-27 7:42 PM). Below the table is a dashed box with the text "Drag and drop files (objects) here or click to upload".

Object name	Archived	Size	Last modified
Online-Sh...ystem.jpeg		142.0 KB	2022-10-27 7:42 PM
getty_663...353364.jpg		158.0 KB	2022-10-30 10:51 AM
istockphoto-... 5-612x612.jpg		23.9 KB	2022-10-30 10:51 AM
safe_s..._g_1.jpg		19.8 KB	2022-10-27 7:42 PM
sho..._2.jpg		295.8 KB	2022-10-27 7:42 PM

Drag and drop files (objects) here or click to upload

The screenshot shows the 'Public access' policy for a bucket. The left sidebar is the same as the previous screenshot. The main content area displays the 'Access policies' section. The 'Public access' policy is expanded, showing a warning message: "Warning: Granting Public access to this bucket will allow anyone to access the bucket. To revoke public access, remove the 'Public access' policy from this bucket within Access groups". Below the warning, 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." There is a blue button labeled 'Create access policy'.

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

Warning: Granting Public access to this bucket will allow anyone to access the bucket. To revoke public access, remove the "Public access" policy from this bucket within Access groups

Status: Enabled

Role for this bucket:

Content Reader

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

Create access policy

HTML CODE:

```
<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" href="style.css">
<title>ASSIGNMENT 3</title> </head>
<body>
<div class="img"> <center>
<h1>Image Gallery</h1><br><hr><br>
</center><br>
<img src =
"https://htmlimages.s3.jp-tok.cloud-object-storage.appdomain.cloud/Online-
Shopping-System.jpeg" alt = "hp" height = "240" width = "225" />
<img src=
"https://htmlimages.s3.jptok.cloudobjectstorage.appdomain.cloud/getty_663974538_353364
.jpg" alt = "hp 1" height = "240" width = "225" />

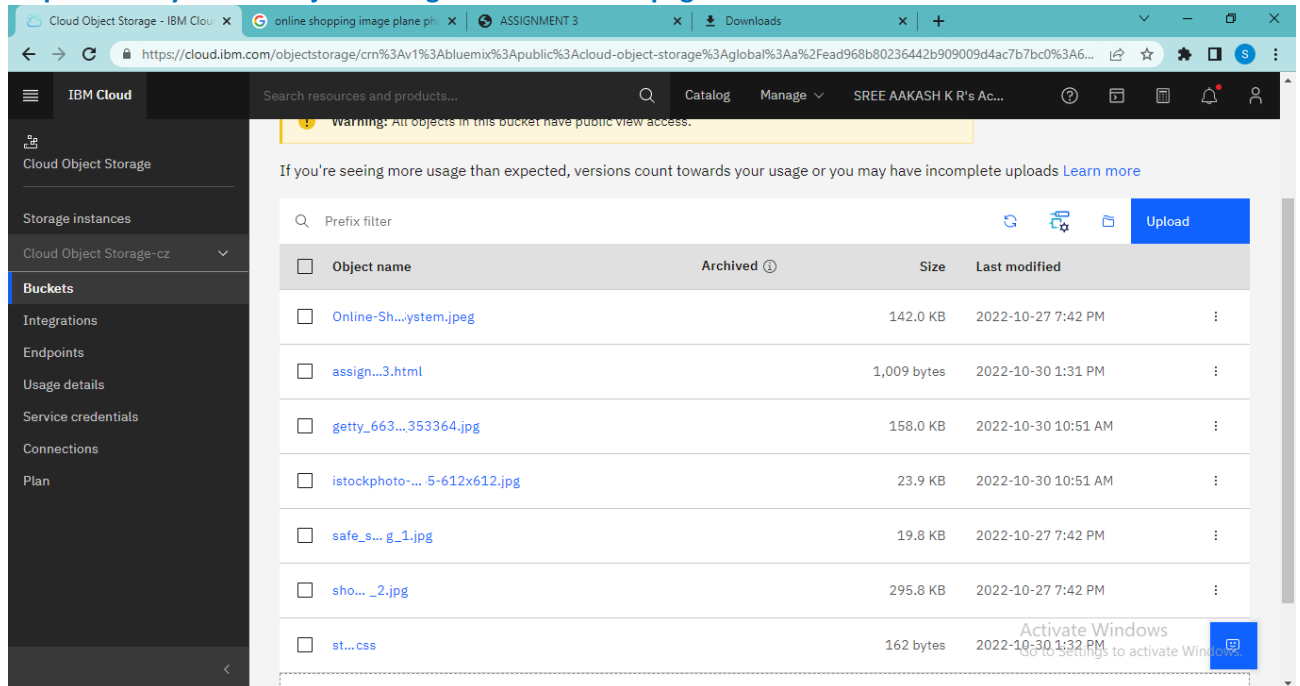
<img src=
"https://htmlimages.s3.jptok.cloudobjectstorage.appdomain.cloud/safe_shopping_1.jpg"
alt = "hp 3" height = "240" width = "225" />
<img src ="https://htmlimages.s3.jp-tok.cloud-object-storage.appdomain.cloud/shopping_2.jpg"
alt = "hp 4" height = "240" width = "225" />
</div><br><br><hr>
</body>
</html>
```

Question-3:

Upload a css page to the object storage and use the same page in your HTML code.

Solution:

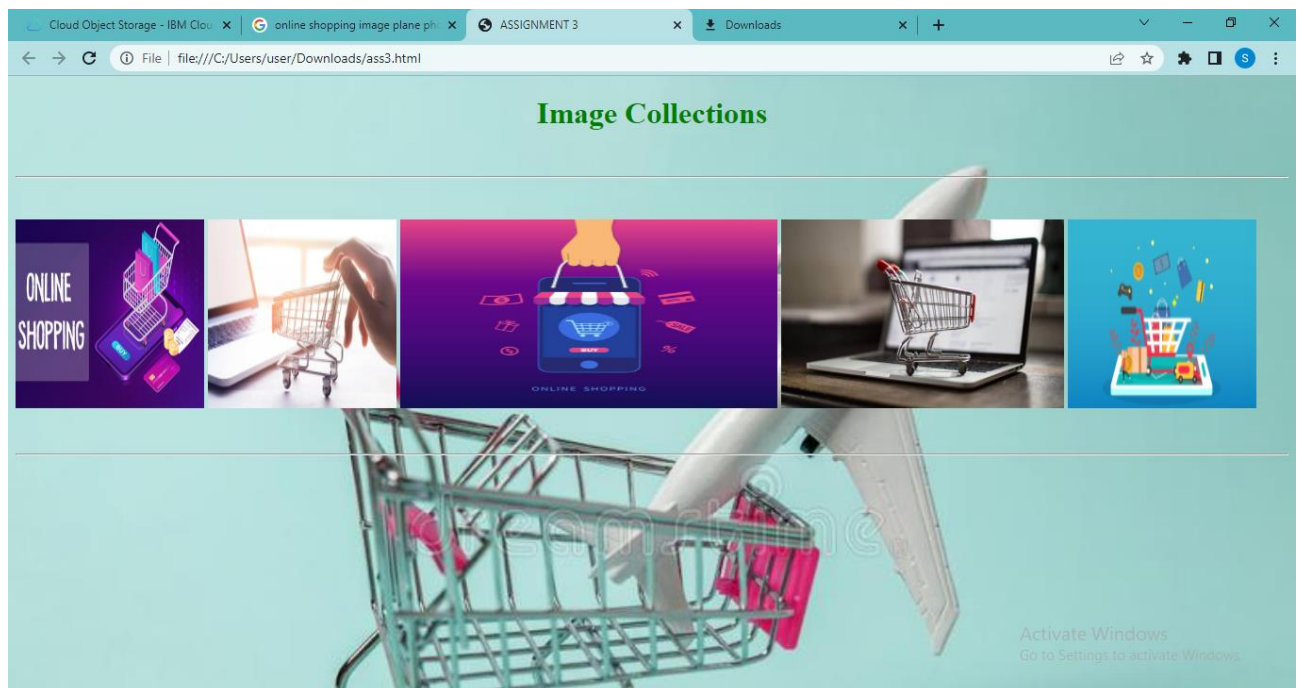
Uploaded style.css in object storage and used same page in html code



The screenshot shows the IBM Cloud Object Storage interface. A warning message at the top states: "Warning: All objects in this bucket have public view access." Below this, a message says: "If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads. [Learn more](#)".

The main content area displays a table of objects with the following columns: Object name, Archived, Size, and Last modified. The table lists several files, including 'Online-Sh...ystem.jpeg', 'assign...3.html', 'getty_663...353364.jpg', 'istockphoto-... 5-612x612.jpg', 'safe_s..._g_1.jpg', 'sho..._2.jpg', and 'st...css'.

Object name	Archived	Size	Last modified
Online-Sh...ystem.jpeg		142.0 KB	2022-10-27 7:42 PM
assign...3.html		1,009 bytes	2022-10-30 1:31 PM
getty_663...353364.jpg		158.0 KB	2022-10-30 10:51 AM
istockphoto-... 5-612x612.jpg		23.9 KB	2022-10-30 10:51 AM
safe_s..._g_1.jpg		19.8 KB	2022-10-27 7:42 PM
sho..._2.jpg		295.8 KB	2022-10-27 7:42 PM
st...css		162 bytes	2022-10-30 1:32 PM



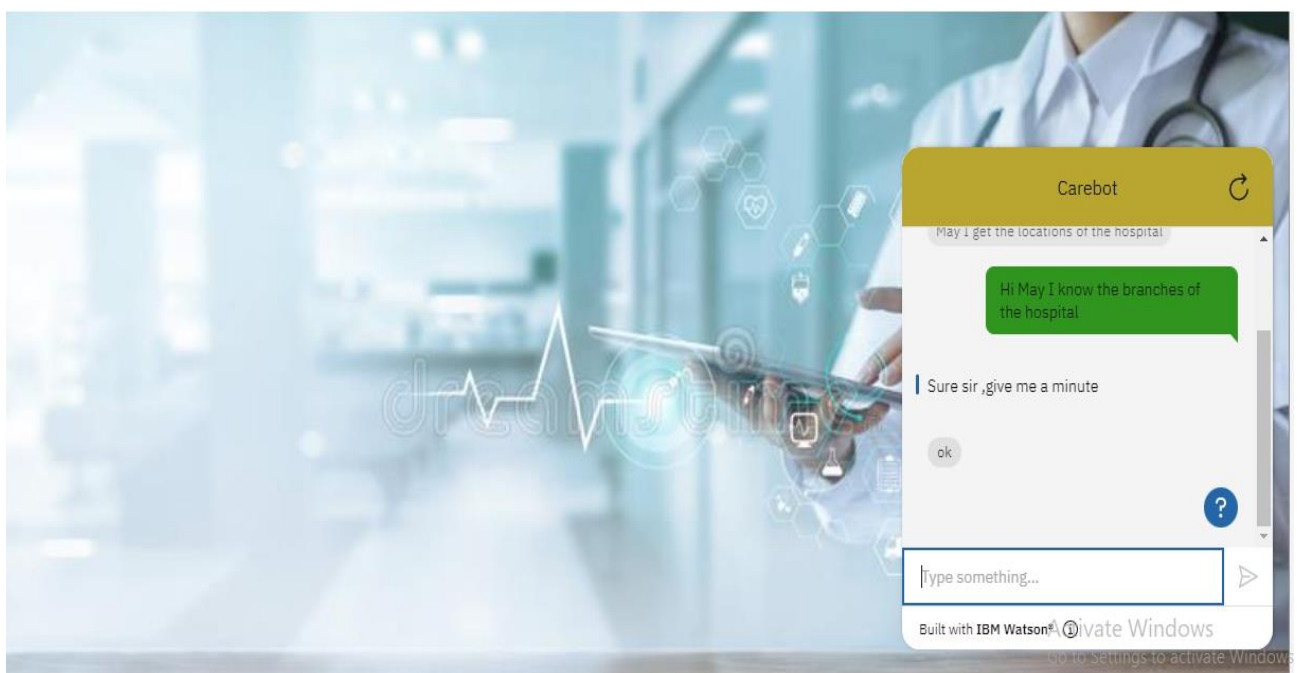
Question-4:

Design a chatbot using IBM Watson assistant for hospital. Ex: User comes with query to know the branches for that hospital in your city. Submit the web URL of that chat bot as a assignment.

Solution:

URL:

<https://webchat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-b00413d1-c49c-463a-bfeb-8611e043ea8b%3A%3Ad27423c1-1d90-4bb2-821f-5bcb65f4eb96&integrationID=9c03598a-f2e9-4f86-81af-6b021fb8fda3®ion=au-syd&serviceInstanceID=b00413d1-c49c-463a-bfeb-8611e043ea8b>





Question-5:

Create Watson assistant service with 10 steps and use 3 conditions in it. Load that script in HTML page .

Solution:

```
<!DOCTYPE html>
<html lang="en">

<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Vikram Hospital</title>
<style>
body {
font-family: Verdana, Geneva, Tahoma, sans-serif; background-color: yellow;
font-size: 1.7rem; color: rgb(1, 22, 74);
}

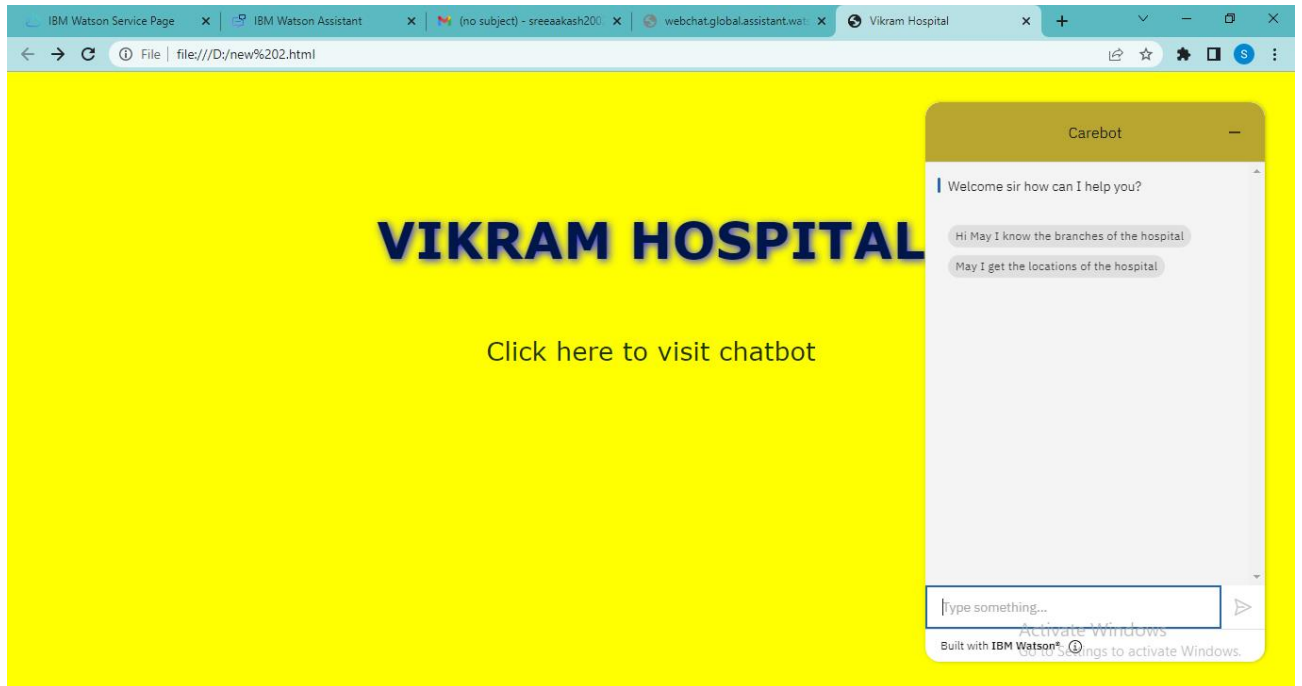
a {
color: rgb(25, 52, 0); text-decoration: none;
}
h1{
text-shadow: 2px 2px 8px #3333ff;
}

a:hover {
color: rgb(0, 29, 1); padding: 5px 20px;
background-color: rgb(27, 87, 250); border-radius: 5px;
transition: .5s ease-in-out;
}
</style>
</head>

<body>
<center><br><br><br>
```

```
<h1>VIKRAM HOSPITAL</h1><br>
<a href="https://web-
chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageUrl=https%3A%2F%2Fau-
syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-b00413d1-c49c-463a-bfeb-
8611e043ea8b%3A%3Ad27423c1-1d90-4bb2-821f-5bcb65f4eb96&integrationID=9c03598a-f2e9-4f86-81af-
6b021fb8fda3&region=au-syd&serviceInstanceID=b00413d1-c49c-463a-bfeb-8611e043ea8b " >
Click here to visit chatbot
</a>
</center>
<!-- Embedded Code From Watson Assistant -->
<script>
  window.watsonAssistantChatOptions = {
    integrationID: "9c03598a-f2e9-4f86-81af-6b021fb8fda3", // The ID of this integration.
    region: "au-syd", // The region your integration is hosted in.
    serviceInstanceID: "b00413d1-c49c-463a-bfeb-8611e043ea8b", // The ID of your service instance.
    onLoad: function(instance) { instance.render(); }
  };
  setTimeout(function(){
    const t=document.createElement('script');
    t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
    document.head.appendChild(t);
  });
</script>
</body>

</html>
```



URL for chatbot:

<https://webchat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-b00413d1-c49c-463a-bfeb-8611e043ea8b%3A%3Ad27423c1-1d90-4bb2-821f-5bcb65f4eb96&integrationID=9c03598a-f2e9-4f86-81af-6b021fb8fda3®ion=au-syd&serviceInstanceID=b00413d1-c49c-463a-bfeb-8611e043ea8b>