

## Assignment -3

Assignment Date	9 October 2022
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### Question-1:

Create a Bucket in IBM object storage.

### Solution:

The screenshot shows the 'Custom bucket' creation page in the IBM Cloud console. At the top, there's a section for 'Unique bucket name' with a text input field containing the word 'bucket'. Below this is a blue information box titled 'Bucket naming rules' with a close button (X) in the top right corner. The rules listed are: 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. Under the 'Resiliency' section, there are three options: 'Cross Region' (Highest availability), 'Regional' (Best performance, which is selected with a radio button), and 'Single Site' (Data sovereignty). A 'View options' link is next to the 'Resiliency' label. A blue chat icon is visible in the bottom right corner.

Custom bucket

Unique bucket name

bucket

**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

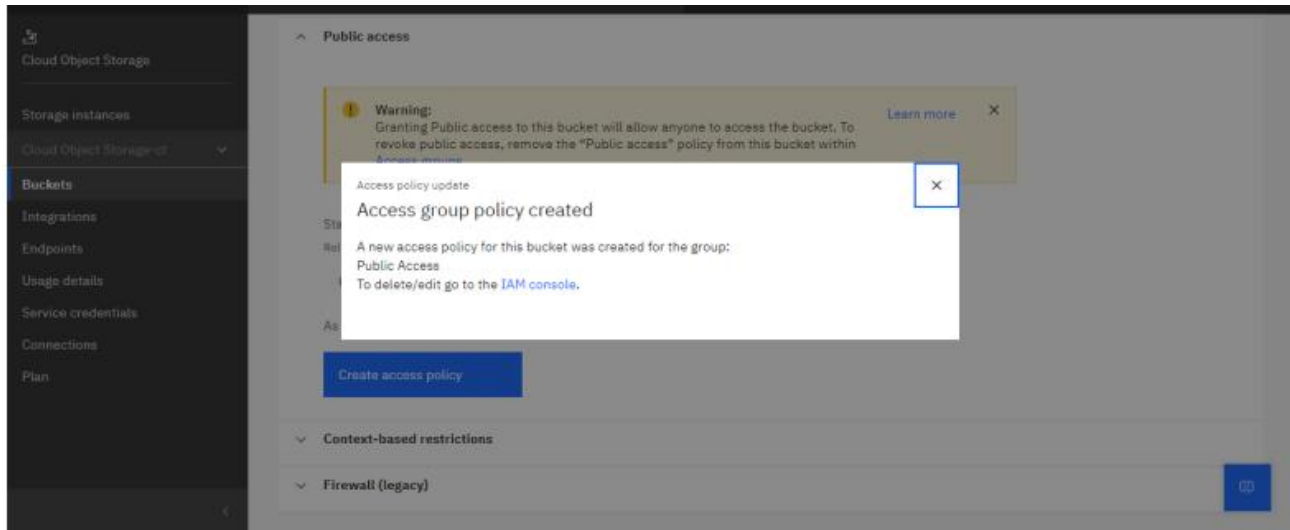
Regional  
Best performance

Single Site  
Data sovereignty

## Question-2:

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

## Solution:



## CODE:

```
<!DOCTYPE html>
<html>
<head>
  <title>
    Display Images
  </title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <h2>Images From Cloud Object Storage</h2>
  </img>
  </img>
  </img>
  </img>
  </img>
</body>
</html>
```

### Question-3:

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

#### Solution:

```
<!DOCTYPE html>
<html>
<head>
  <title>
    Display Images
  </title>
  <link rel="stylesheet" href="https://bucket0289.s3.jp-tok.cloud-object-storage.appdomain.cloud/style.css">
</head>
<body>
  <h2>Images and Style page From Cloud Object Storage </h2>
  </img>
  </img>
  </img>
  </img>
  </img>
</body>
</html>
```

### 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.

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

#### Solution:

```
{
  "generic": [
    {
      "values": [
        {
          "text_expression": {
            "concat": [
              {
                "scalar": "Before we get started, I need to collect some basic information. First up, what's your **first name**?"
              }
            ]
          }
        }
      ]
    }
  ]
}
```

```

    }
  ]
}
},
"response_type": "text",
"selection_policy": "sequential"
}
]
}
{
  "generic": [
    {
      "values": [
        {
          "text_expression": {
            "concat": [
              {
                "scalar": "Thanks! What's your **last name**?"
              }
            ]
          }
        }
      ],
      "response_type": "text",
      "selection_policy": "sequential"
    }
  ]
}
{
  "generic": [
    {
      "values": [
        {
          "text_expression": {
            "concat": [
              {
                "scalar": "Thanks!\n\nplease go through this link for more
details!\n\n[link](https://file:///C:/Users/priyanka/Desktop/sample.html)"
              }
            ]
          }
        }
      ],
      "response_type": "text",
      "selection_policy": "sequential"
    }
  ]
}
{
  "generic": [
    {

```

```

"values": [
  {
    "text_expression": {
      "concat": [
        {
          "scalar": "The hospital Branches are
[link](https://file:///C:/Users/priyanka/Desktop/sample.html)"
        }
      ]
    }
  },
  {
    "response_type": "text",
    "selection_policy": "sequential"
  }
]
}
{
  "generic": [
    {
      "values": [
        {
          "text_expression": {
            "concat": [
              {
                "scalar": "Do you have any other questions?"
              }
            ]
          }
        }
      ],
      "response_type": "text",
      "selection_policy": "sequential"
    },
    {
      "options": [
        {
          "label": "Yes",
          "value": {
            "input": {
              "text": "Yes"
            }
          }
        },
        {
          "label": "No",
          "value": {
            "input": {
              "text": "No"
            }
          }
        }
      ]
    }
  ]
}

```

```

    ],
    "response_type": "option",
    "repeat_on_reprompt": true
  }
]
}
{
  "generic": [
    {
      "values": [
        {
          "text_expression": {
            "concat": [
              {
                "scalar": "I would like to connect with Our Agent!"
              }
            ]
          }
        }
      ],
      "response_type": "text",
      "selection_policy": "sequential"
    }
  ]
}
{
  "generic": [
    {
      "values": [
        {
          "text_expression": {
            "concat": [
              {
                "scalar": "Thanks! It was great talking with you.Have a great Day ahead."
              }
            ]
          }
        }
      ],
      "response_type": "text",
      "selection_policy": "sequential"
    }
  ]
}
{
  "generic": [
    {
      "values": [
        {
          "text_expression": {
            "concat": [
              {

```

```

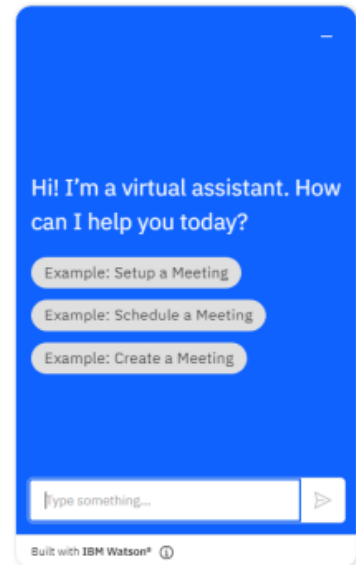
        "scalar": "I would like to connect to the Live agent! Just give me a sec!"
    }
]
}
},
"response_type": "text",
"selection_policy": "sequential"
},
{
    "options": [
        {
            "label": "Yes",
            "value": {
                "input": {
                    "text": "Yes"
                }
            }
        },
        {
            "label": "No",
            "value": {
                "input": {
                    "text": "No"
                }
            }
        }
    ],
    "response_type": "option",
    "repeat_on_reprompt": true
}
]
}
{
    "generic": [
        {
            "values": [
                {
                    "text_expression": {
                        "concat": [
                            {
                                "scalar": "Thank you for your Time! Hope have a good day!"
                            }
                        ]
                    }
                }
            ],
            "response_type": "text",
            "selection_policy": "sequential"
        }
    ]
}

```

### Question-5:

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

#### ChatBot Page



#### html code:

```
<!DOCTYPE html>
<html>
<head>
  <title>
    Display Images
  </title>
  <link rel="stylesheet" href="style.css">
  <script>
    window.watsonAssistantChatOptions = {
      integrationID: "35636669-cd5e-400e-a10e-4a7b22fa467c", // The ID of this integration.
      region: "au-syd", // The region your integration is hosted in.
      serviceInstanceID: "72c42f57-ebec-41d0-8ea9-da4e33c8000a", // 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>
</head>
<body>
  <h1>ChatBot Page </h1>
</body>
</html>
```



