**Implementation of Email Alert with Attachment using HTTP trigger using Azure Logic Apps**

Step 1 : First of all we will create storage account and logic app required to get going.

Step 2 : Then we will create two containers in the storage account as I am going to stage the file received and then implement the logic app to send the alert and then place the file in the final container. In my case I’ve named my containers as

1. Staging-container
2. Final container

Step 3 : Now let us take a look at the architecture that we are implementing using logic apps.

Diagram

Description automatically generated

Step 4 : first of all we will place an https trigger in the logic app and the next step includes listing of blobs in the container so we will search for azure blob storage and use list blobs and we will create a connection to the storage account and then specify the same path in storage account name under list blobs and then folder as staging container.

Step 5 : now we will initialize a variable with name as filename in my case and type as string as I am going to hold string data inside this variable.

**Preview of the logic app until this step.**

Diagram

Description automatically generated

Step 6 : now we will set variable that we’ve declared earlier with name as variable name that we mentioned earlier in my case filename and value as name as dynamic content in list blobs.

Graphical user interface, application, Teams

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Step 7 : for each loop is automatically obtained and it has the value as input from previous step mentioned.

Step 8 : now we will use get blob content action which is present under azure blob storage. In this we will input storage account name which we have inferred using the blob connection that we have created earlier. For blob we will give dynamic content as below which will concate a blob with the filename inside staging container.

concat('/staging-container/',variables('filename'))

**Picture for reference**

Graphical user interface, application, Teams

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Step 9 : (we can use step 10 as step 9 and vice versa here)

We will use create blob action under azure blob storage with the parameters mentioned below.

Graphical user interface, application, Teams

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Step 10 : now we will send an email alert using outlook and in the body part of the email give something that you want to display and some subject and enable attachments and give following dynamic contents.

Table

Description automatically generated with medium confidence

Step 11 : Delete the blob in staging container if there are multiple files in staging container we receive multiple emails. So to avoid that we are using staging container and delete the blob in it once it is loaded into final container rather than loading directly.

Graphical user interface, application, Teams

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Result : **File in staging container**

Graphical user interface, text, application, email

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**Email Alert with attachment**

Graphical user interface, text, application

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**File in final container**

Graphical user interface, text, application, email

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**Status of staging container after file upload in final container**

Graphical user interface, text, application, email

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**Cons :**

There is no failure alert in the same logic app.