

# Azure Cloud

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**Create an Azure function that should trigger as soon as you upload a file in the blob storage. The function should be able to print the name of the file uploaded in the function**

### STEPS FOLLOWED

1. From the Azure portal menu or the Home page, select Create a resource.
2. In the New page, select Compute > Function App.
3. On the Basics page, use the function app settings as specified in the
4. Select Next : Hosting. On the Hosting page, enter the following settings:
5. Select Next : Monitoring
6. Select Review + create to review the app configuration selections.
7. On the Review + create page, review your settings, and then select Create to provision and deploy the function app.
8. Select the Notifications icon in the upper-right corner of the portal and watch for the Deployment succeeded message.
9. Select Go to resource to view your new function app. You can also select Pin to dashboard. Pinning makes it easier to return to this function app resource from dashboard.

### Create an Azure Blob storage triggered function

1. Select Functions, and then select + Add to add a new function.
2. Choose the Azure Blob Storage trigger template.
3. Use the settings as specified in the table below the image.
4. Select Create Function to create your function.
5. Next, create the samples-workitems container.

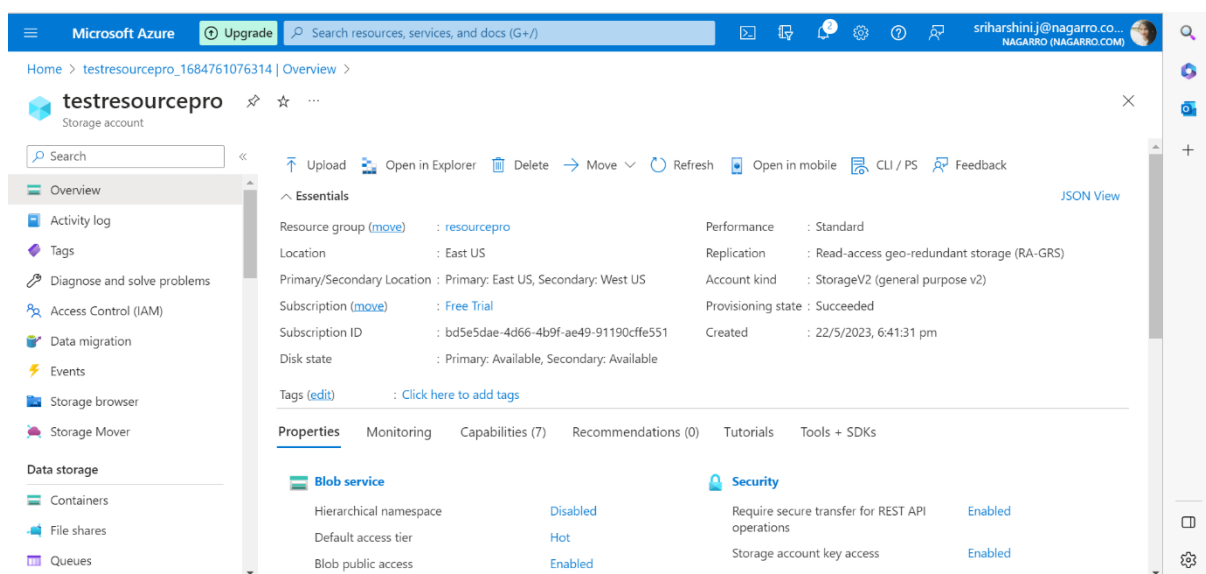
## Create the container

1. In your function, on the Overview page, select your resource group.
2. Find and select your resource group's storage account.
3. Choose Containers, and then choose + Container.
4. In the Name field, type samples-workitems, and then select Create.

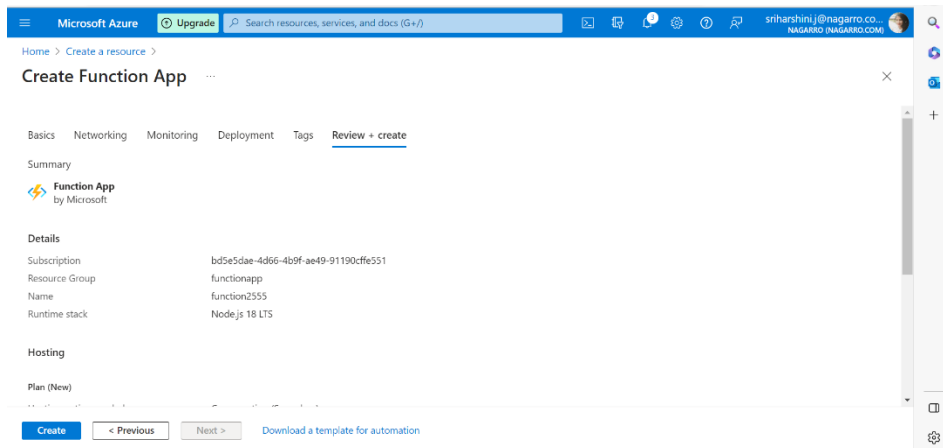
## Test the function

1. Back in the Azure portal, browse to your function expand the Logs at the bottom of the page and make sure that log streaming isn't paused.
2. In a separate browser window, go to your resource group in the Azure portal, and select the storage account.
3. Select Containers, and then select the samples-workitems container.
4. Select Upload, and then select the folder icon to choose a file to upload.
5. Browse to a file on your local computer, such as an image file, choose the file. Select Open and then Upload.
6. Go back to your function logs and verify that the blob has been read.

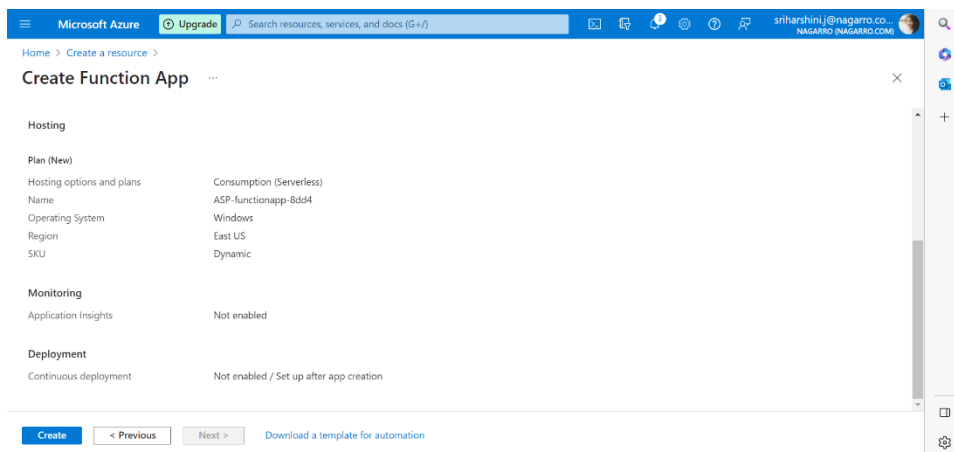
## SNIPPET : 1



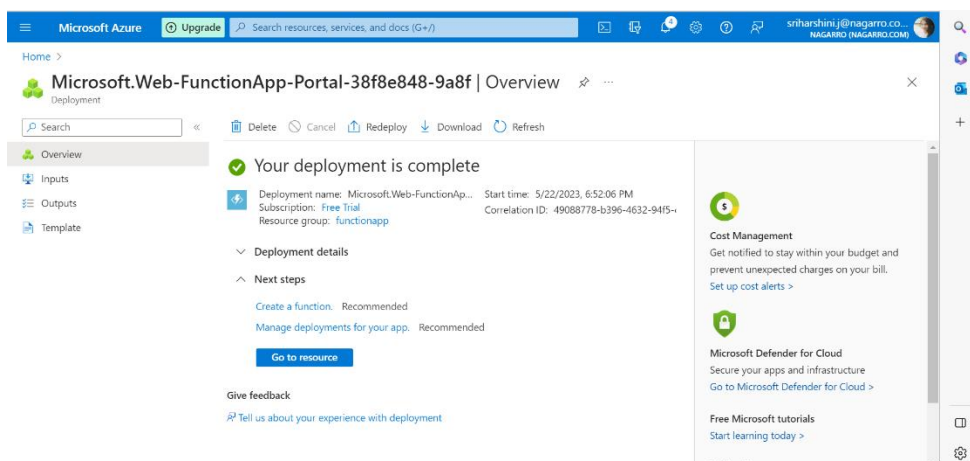
## SNIPPET : 2



## SNIPPET : 3



## SNIPPET : 4



## SNIPPET : 5

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, an 'Upgrade' button, a search bar, and the user's profile. The main content area displays the 'function2555' Function App Overview page. The left sidebar contains navigation links for Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Microsoft Defender for Cloud, Events (preview), Functions, App keys, App files, Proxies, and Deployment. The main content area is divided into sections: Essentials (Resource group, Status, Location, Subscription ID, Tags), Metrics (Memory working set, Function Execution Count), Features (9), Notifications (0), and Quickstart. The URL bar shows the path: Home > Microsoft.Web-FunctionApp-Portal-38f8e848-9a8f | Overview > function2555 | Overview.

## SNIPPET : 6

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, an 'Upgrade' button, a search bar, and the user's profile. The main content area displays the 'BlobTrigger1' Code + Test page. The left sidebar contains navigation links for Overview, Developer, Code + Test, Integration, Monitor, and Function Keys. The main content area shows the 'index.js' file with the following code:

```
1 module.exports = async function (context, myBlob) {
2   context.log("JavaScript blob trigger function processed blob \n Blob:", context.bindingData.blobTrigger, "\n BLOB");
3 }
```

The URL bar shows the path: Home > Microsoft.Web-FunctionApp-Portal-38f8e848-9a8f | Overview > function2555 | Functions > BlobTrigger1.

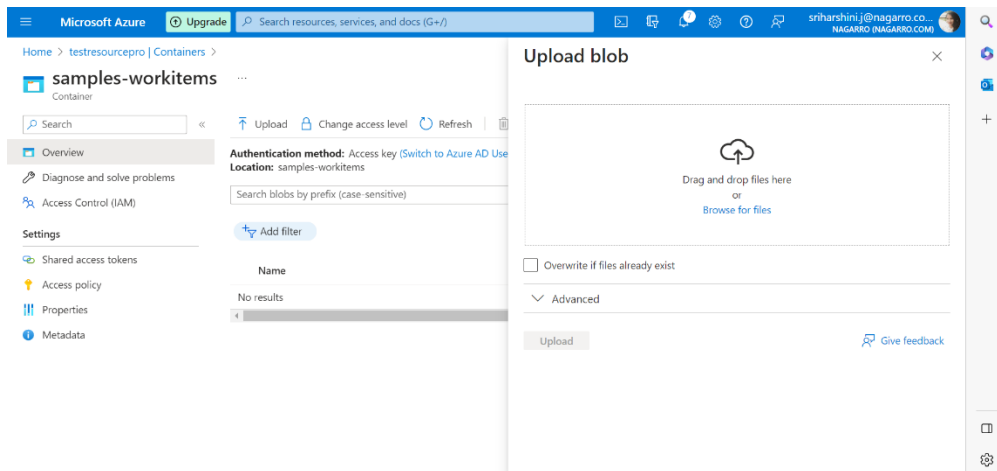
## SNIPPET : 7

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, an 'Upgrade' button, a search bar, and the user's profile. The main content area displays the 'testresourcepro' Containers page. The left sidebar contains navigation links for Monitoring (classic), Automation, and Support + troubleshooting. The main content area shows a table of containers with the following data:

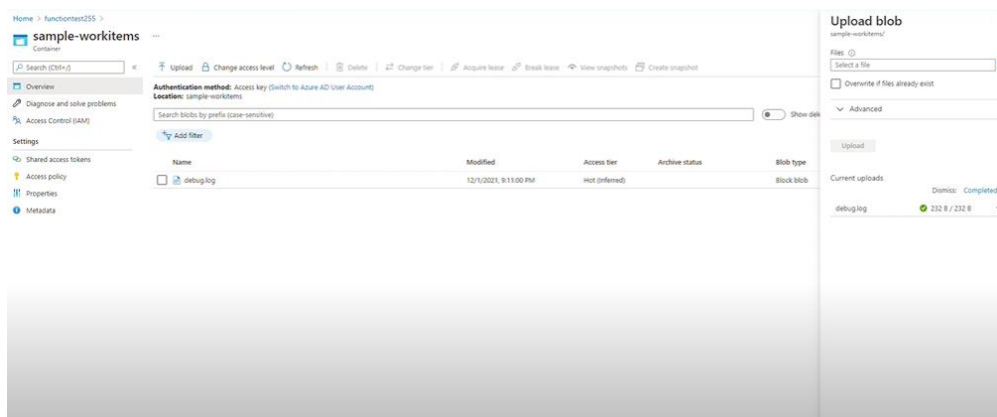
Name	Last modified	Public access level	Lease state
\$logs	5/22/2023, 6:41:56 PM	Private	Available
samples-workitems	5/22/2023, 7:13:39 PM	Private	Available

The URL bar shows the path: Home > testresourcepro.

## SNIPPET : 8



## SNIPPET : 9



## SNIPPET : 10

