

Create a function app

1. From the Azure portal menu or the Home page, select Create a resource.
2. In the New page, select Compute > Function App.

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Create Function App (Consumption) ...

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Create a function app, which lets you group functions as a logical unit for easier management, deployment and sharing of resources. Functions lets you execute your code in a serverless environment without having to first create a VM or publish a web application.

Project Details

Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ

Landing zone A1



Resource Group * ⓘ

(New) Resource group

[Create new](#)

Instance Details

Function App name *

Function App name

.azurewebsites.net



Secure unique default hostname (preview) on. [More about this update](#)

Operating System *



Linux (legacy)



Windows

Runtime stack *

.NET

Version *

9 (STS), isolated worker model

Region *

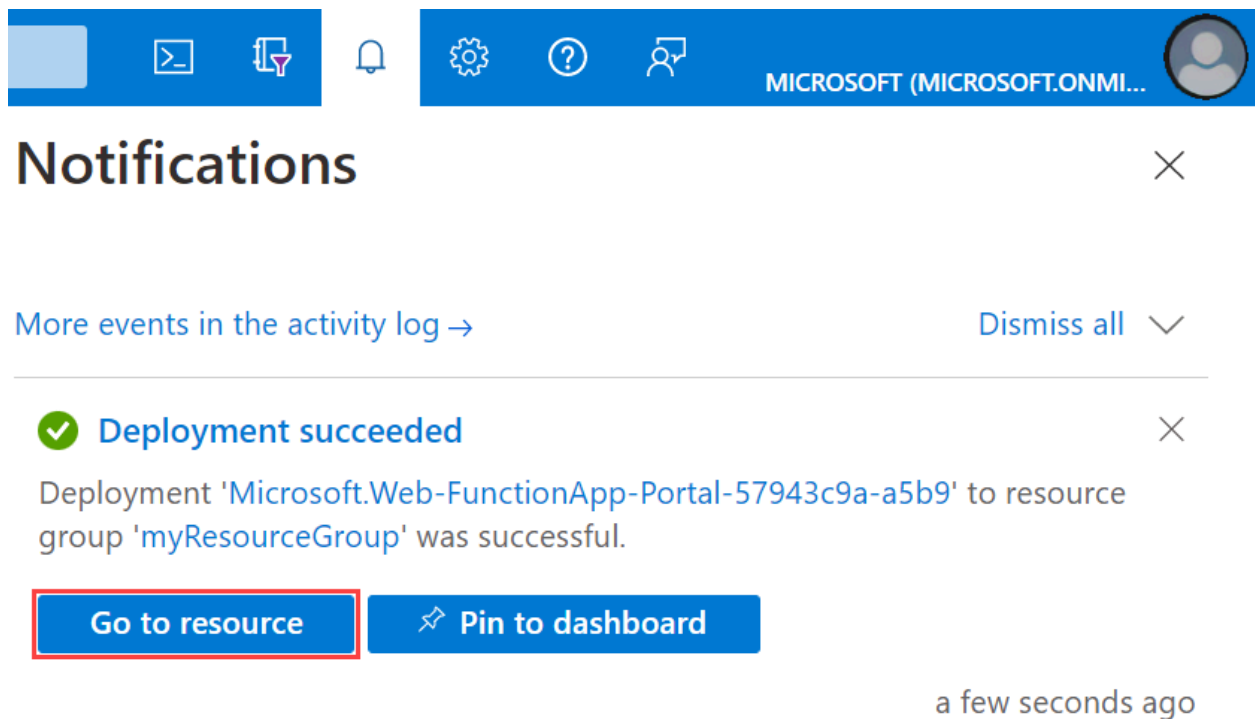
West Europe

[Review + create](#)

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3. Accept the default options of creating a new storage account on the Storage tab and a new Application Insight instance on the Monitoring tab. You can also choose to use an existing storage account or Application Insights instance.
4. Select Review + create to review the app configuration you chose, and then select Create to provision and deploy the function app.
5. Select the Notifications icon in the upper-right corner of the portal and watch for the Deployment succeeded message.
6. 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 your dashboard.



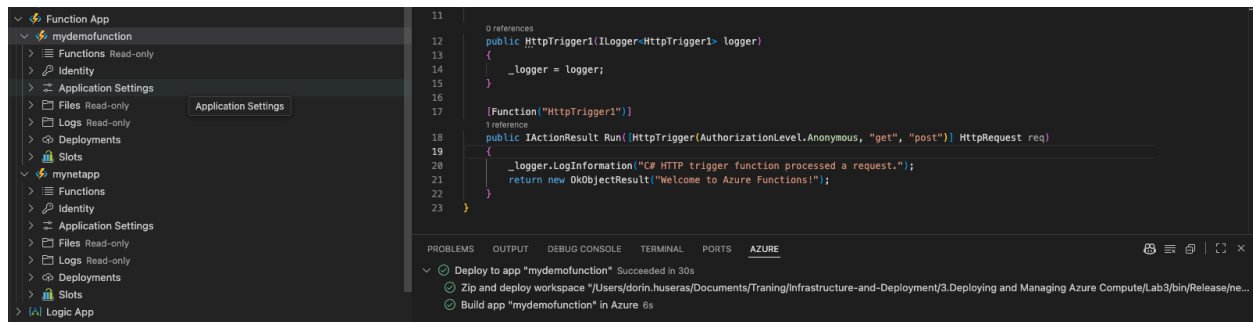
The screenshot shows the Azure Portal interface. At the top is a blue navigation bar with icons for Mail, Alerts, Settings, Help, and a user profile. Below the navigation bar is a 'Notifications' section with a close button (X). It contains a link 'More events in the activity log →' and a 'Dismiss all' link with a dropdown arrow. A notification card is displayed with a green checkmark icon and the title 'Deployment succeeded'. The message text reads: 'Deployment 'Microsoft.Web-FunctionApp-Portal-57943c9a-a5b9' to resource group 'myResourceGroup' was successful.' Below the message are two buttons: 'Go to resource' (highlighted with a red border) and 'Pin to dashboard'. At the bottom right of the notification card, it says 'a few seconds ago'.

Create your local project

1. In Visual Studio Code, press F1 to open the command palette and search for and run the command *Azure Functions: Create New Project...*
2. Choose the directory location for your project workspace and choose Select. You should either create a new folder or choose an empty folder for the project workspace. Don't choose a project folder that is already part of a workspace.
3. Provide the following information at the prompts:

Prompt	Selection
Select a language	Choose <code>C#</code> .
Select a .NET runtime	Choose <code>.NET 8.0 LTS</code> .
Select a template for your project's first function	Choose <code>HTTP trigger</code> .
Provide a function name	Type <code>HttpExample</code> .
Provide a namespace	Type <code>My.Functions</code> .
Authorization level	Choose <code>Anonymous</code> , which enables anyone to call your function endpoint. For more information, see Authorization level .
Select how you would like to open your project	Choose <code>Open in current window</code> .

Deploy the function



1. Right-click your project folder (or functionapp.csproj) →
2. Deploy to Function App... → select your subscription → choose the target Function App.
3. VS Code will:
 - a. Build your project
 - b. Create a zip package
 - c. Upload it to the Function App ("Run From Package")
4. When done, it offers a link to View Output and to Browse Website.

mydemofunction
Function App

Search

Overview

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Microsoft Defender for Cloud
- Events (preview)
- Resource visualizer
- Functions
 - App keys
 - App files
 - Proxies
- Deployment
 - Deployment slots
 - Deployment Center
- Settings

Enable Application Insights for monitoring and profiling for your app.

JSON View

Essentials

Resource group (move) : mydemofunction_group

Status : Running

Location (move) : West Europe

Subscription (move) : Landing zone A1

Subscription ID : 8d82146a-0138-4a26-884b-37480942ecd8

Tags (edit) : Add tags

Default domain : mydemofunction-dwgydjc5qee.westeurope-01.azurewebsites.net

Operating System : Windows

App Service Plan : ASP-mydemofunctiongroup-b31a.V1.0

Runtime version : 4.1042.100.25401

Functions Metrics Properties Notifications (1)

{ } Set up local environment Refresh

Filter by name...

Name	Trigger	Status	Monitor
HttpTrigger1	HTTP	Enabled	Invocations and more

Home > Function App > mydemofunction >
HttpTrigger1 | Code + Test

Code + Test Integration Function Keys Invocations Logs Metrics

Save Discard Refresh Test/Run Get function URL Disable Delete Upload Resource JSON Send us your feedback

Editing .NET isolated Function Apps is not supported in the Azure portal. Use your local development environment to edit this Function App.

```
1 {  
2   {  
3     "name": "HttpTrigger1",  
4     "scriptFile": "Lab3.dll",  
5     "entryPoint": "global::HttpTrigger.HttpTrigger1.Run",  
6     "language": "dotnet-isolated",  
7     "properties": {  
8       "isCodeless": false  
9     },  
10    "bindings": [  
11      {  
12        "name": "req",  
13        "direction": "in",  
14        "type": "httpTrigger",  
15        "authLevel": "Anonymous",  
16        "methods": [  
17          "get",  
18          "post"  
19        ],  
20        "properties": {}  
21      },  
22    ]  
23  }  
24 }
```

Get Function URL

_master (Host key)
<https://mydemofunction-dwgydjc5qee.westeurope-01.azurewebsites.net/api/HttpTrigger1>

default (Function key)
<https://mydemofunction-dwgydjc5qee.westeurope-01.azurewebsites.net/api/HttpTrigger1>

default (Host key)
<https://mydemofunction-dwgydjc5qee.westeurope-01.azurewebsites.net/api/HttpTrigger1>