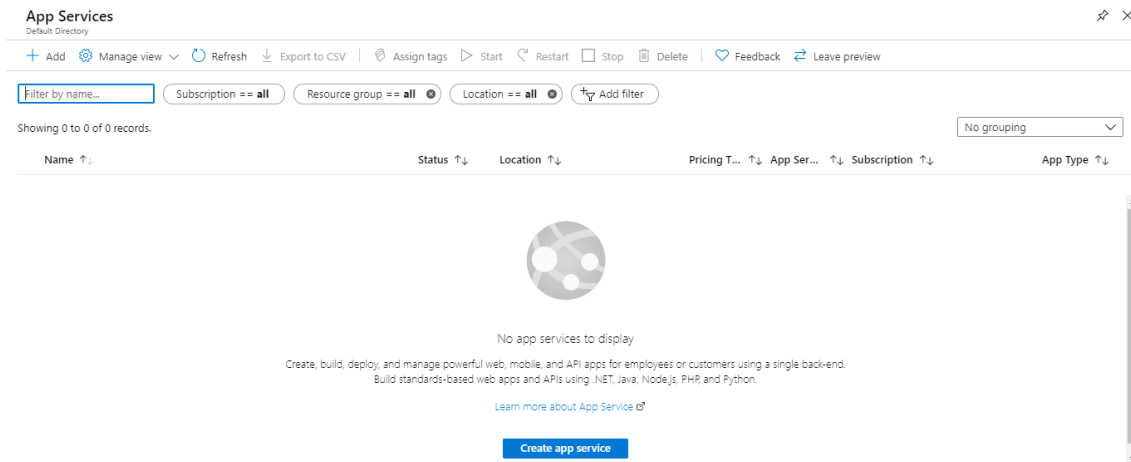


Azure 104 Module 5: Hands-On:1

Creating an App Service with an App Service Plan

Step 1: Open Azure Portal and click on App Services; and then, click on 'Add'



Step 2: The wizard will open. The first step is configuring the basics. Enter the details such as resource group, name of the app service, etc. and create a new app service plan

[All services](#) > [App Services](#) > [Web App](#)

Web App

[Basics](#) [Monitoring](#) [Tags](#) [Review + create](#)

App Service Web Apps lets you quickly build, deploy, and scale enterprise-grade web, mobile, and API apps running on any platform. Meet rigorous performance, scalability, security and compliance requirements while using a fully managed platform to perform infrastructure maintenance. [Learn more](#)

Project Details

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

Subscription *

Azure for Students

Resource Group *

intellipaat

[Create new](#)

Instance Details

Name *

webappdemo3121

.azurewebsites.net

Publish *

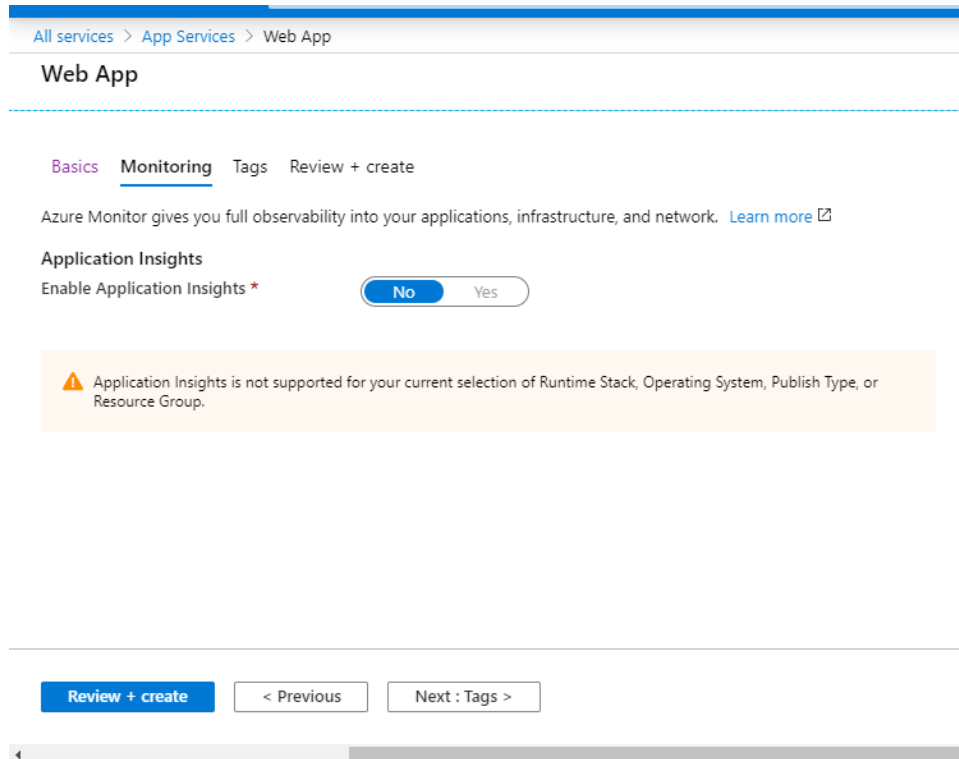
[Code](#) [Docker Container](#)

[Review + create](#)

< Previous

Next : Monitoring >

Step 3: The second step is **Monitoring**. To enable Application Insights, turn it to **Yes**. Once you are done, click on **Review + create**



All services > App Services > Web App

Web App

Basics **Monitoring** Tags Review + create

Azure Monitor gives you full observability into your applications, infrastructure, and network. [Learn more](#)

Application Insights

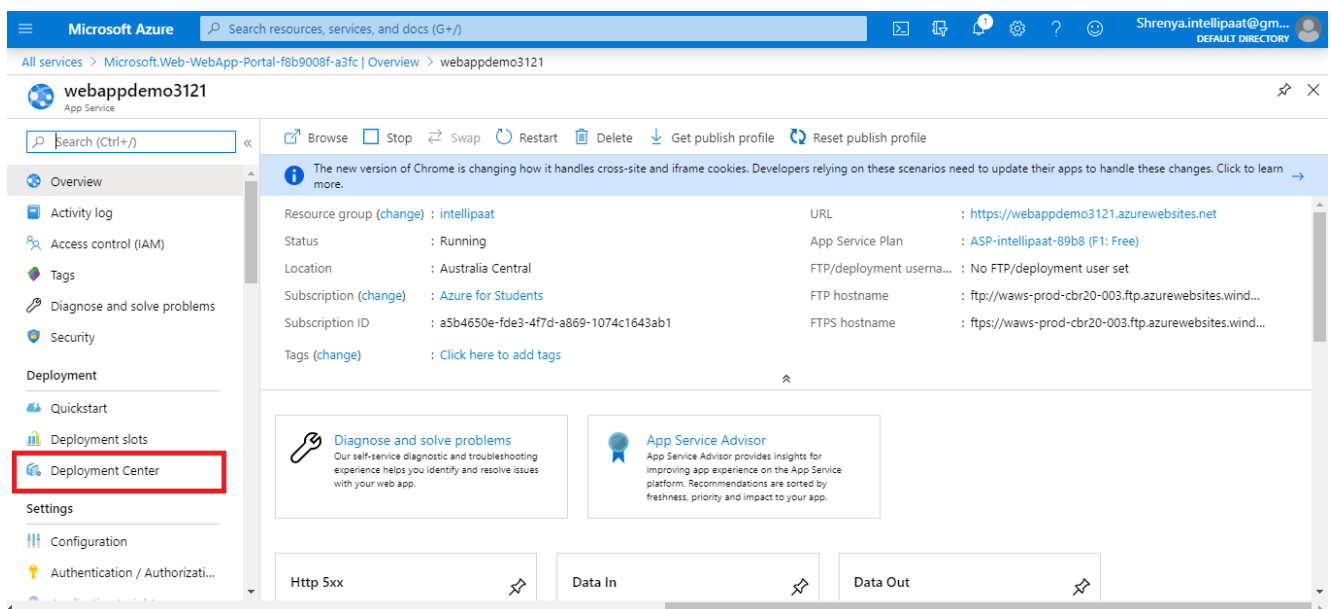
Enable Application Insights *

No Yes

⚠ Application Insights is not supported for your current selection of Runtime Stack, Operating System, Publish Type, or Resource Group.

Review + create < Previous Next : Tags >

Step 4: An overview will be displayed once the app service has been created. Here, go to **Deployment Center**



Microsoft Azure Search resources, services, and docs (G+)

All services > Microsoft.Web-WebApp-Portal-f8b9008f-a3fc | Overview > webappdemo3121

webappdemo3121

App Service

Search (Ctrl+/)

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Security

Deployment

Quickstart

Deployment slots

Deployment Center

Settings

Configuration

Authentication / Authorizati...

Browse Stop Swap Restart Delete Get publish profile Reset publish profile

The new version of Chrome is changing how it handles cross-site and iframe cookies. Developers relying on these scenarios need to update their apps to handle these changes. Click to learn

Resource group (change) : intellipaat URL : https://webappdemo3121.azurewebsites.net

Status : Running App Service Plan : ASP-intellipaat-89b8 (F1: Free)

Location : Australia Central FTP/deployment userna... : No FTP/deployment user set

Subscription (change) : Azure for Students FTP hostname : ftp://waws-prod-cbr20-003.ftp.azurewebsites.wind...

Subscription ID : a5b4650e-fde3-4f7d-a869-1074c1643ab1 FTPS hostname : ftps://waws-prod-cbr20-003.ftp.azurewebsites.wind...

Tags (change) : Click here to add tags

Diagnose and solve problems

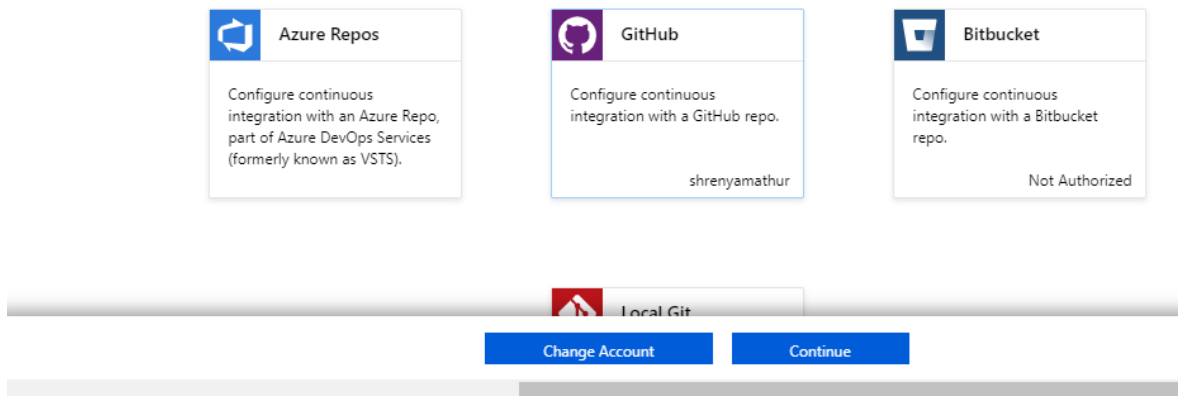
App Service Advisor

Http 5xx Data In Data Out

Step 5: It will show you a CI/CD pipeline to deploy your web app. The first step here is to authorize your container application and then connect to your account



Continuous Deployment (CI / CD)



Azure Repos
Configure continuous integration with an Azure Repo, part of Azure DevOps Services (formerly known as VSTS).

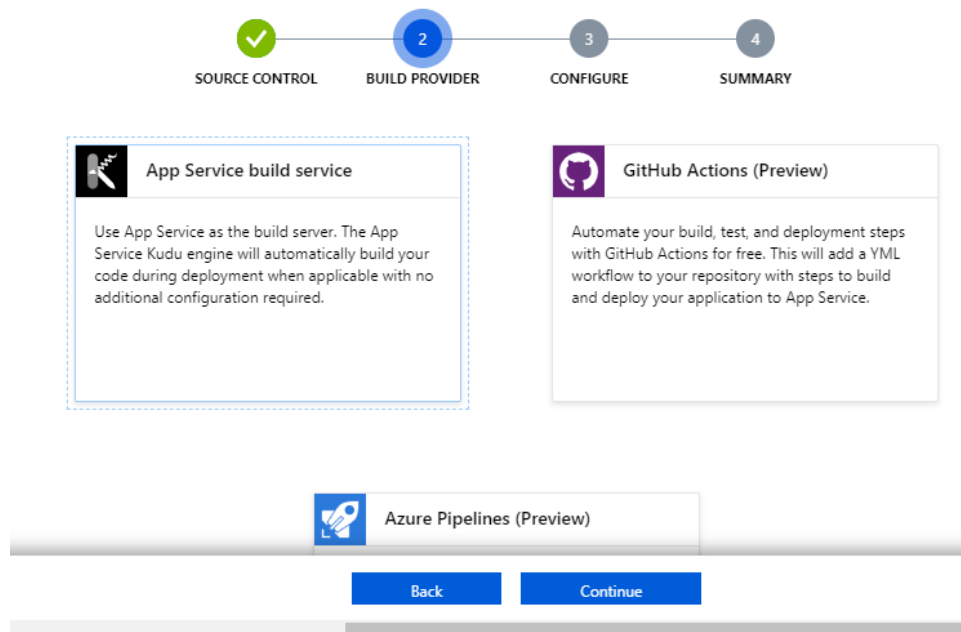
GitHub
Configure continuous integration with a GitHub repo.
shrenyamathur

Bitbucket
Configure continuous integration with a Bitbucket repo.
Not Authorized

Local Git

Change Account **Continue**

Step 6: The second step is the selection of the build provider



```
graph LR; 1((1)) --- 2((2)) --- 3((3)) --- 4((4)); 1 --- SOURCE_CONTROL[SOURCE CONTROL]; 2 --- BUILD_PROVIDER[BUILD PROVIDER]; 3 --- CONFIGURE[CONFIGURE]; 4 --- SUMMARY[SUMMARY]; style 1 fill:#6c757d,color:#fff; style 2 fill:#007bff,color:#fff; style 3 fill:#6c757d,color:#fff; style 4 fill:#6c757d,color:#fff;
```

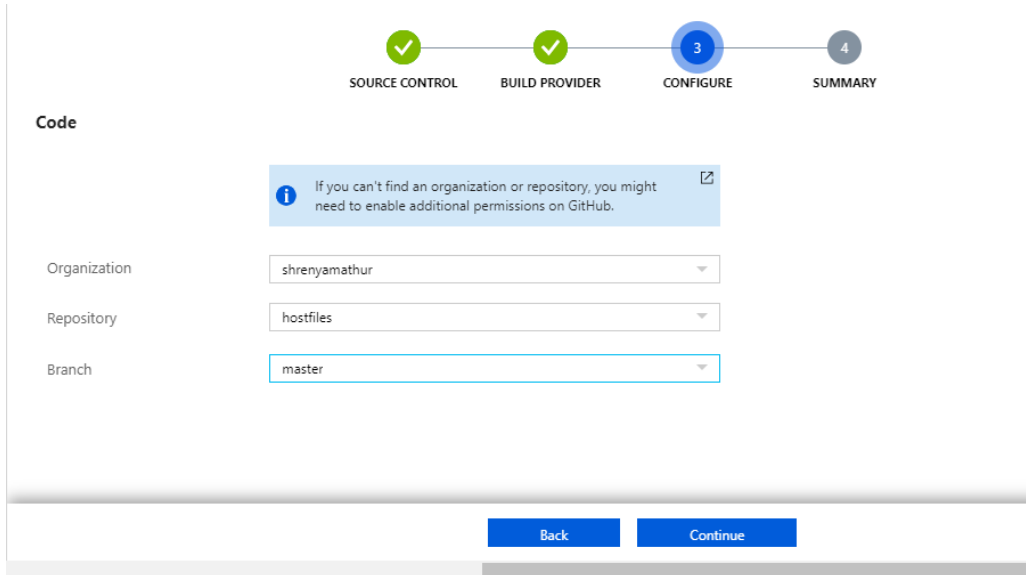
App Service build service
Use App Service as the build server. The App Service Kudu engine will automatically build your code during deployment when applicable with no additional configuration required.

GitHub Actions (Preview)
Automate your build, test, and deployment steps with GitHub Actions for free. This will add a YML workflow to your repository with steps to build and deploy your application to App Service.

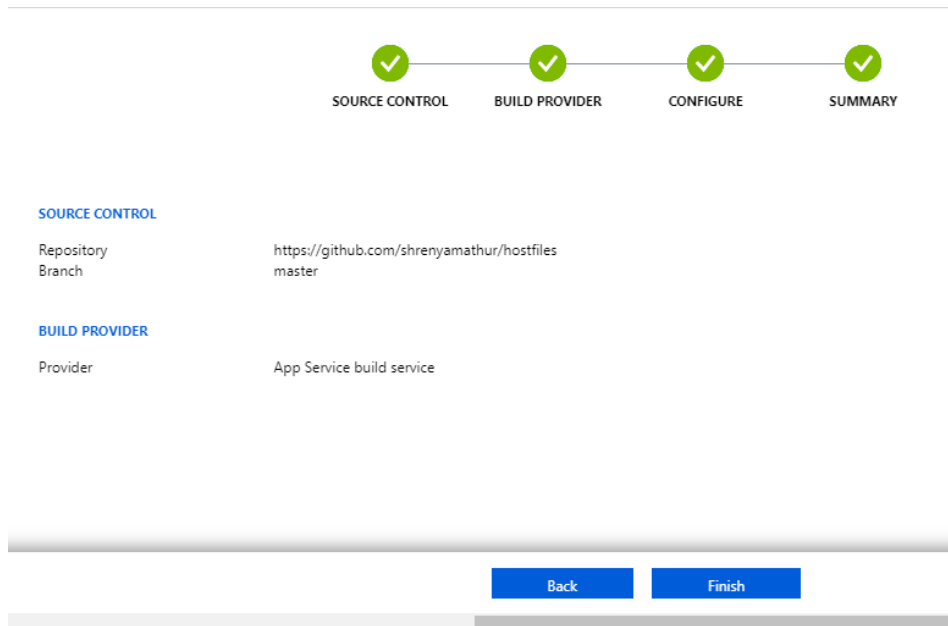
Azure Pipelines (Preview)

Back **Continue**

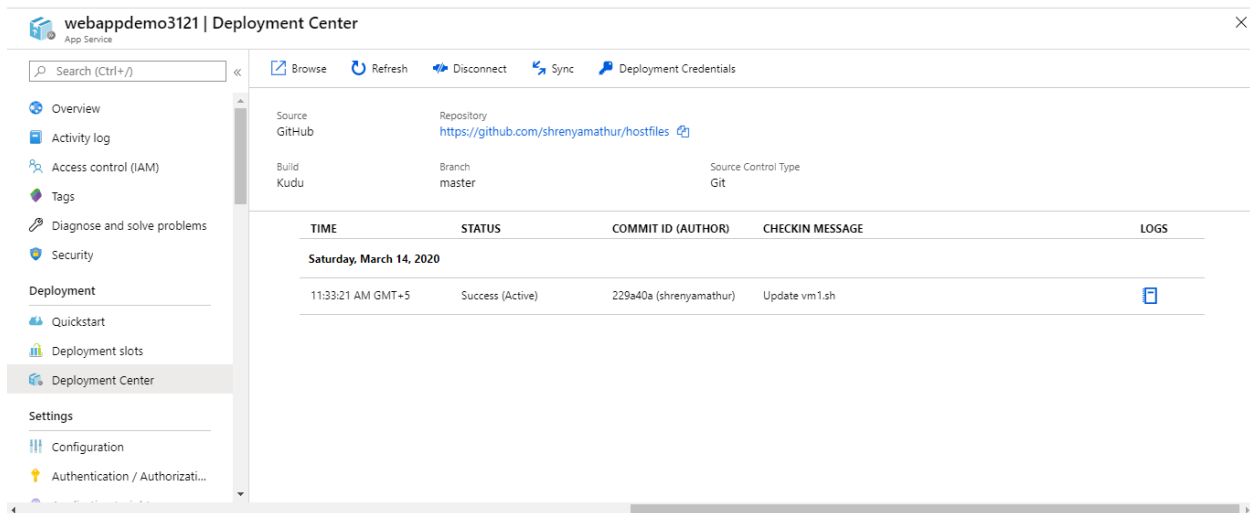
Step 7: In the third step, configure your account by selecting the names of the organization, repository, and the branch of your repository



Step 8: The fourth and the final step is to review the settings you've selected. If they are correct, click on **Finish**

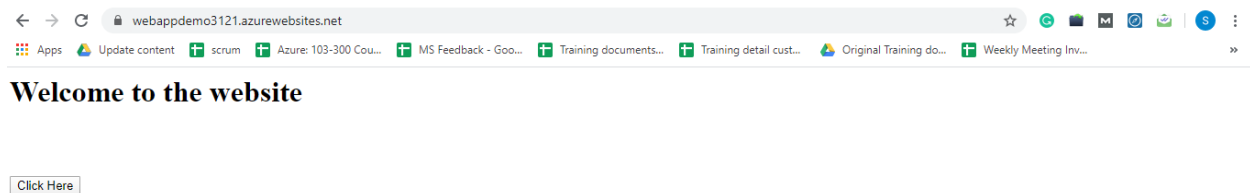


Step 9: The deployment center will not show you the connection you've made on the dashboard



TIME	STATUS	COMMIT ID (AUTHOR)	CHECKIN MESSAGE	LOGS
Saturday, March 14, 2020				
11:33:21 AM GMT+5	Success (Active)	229a40a (shrenyamathur)	Update vm1.sh	View logs

Step 10: Copy the DNS name provided in the overview section of the app service and paste it in the web browser. You will be able to see the deployed website now



Welcome to the website

[Click Here](#)