

Deploying Web App on Microsoft Azure

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The screenshot shows the Microsoft Azure portal interface. At the top, there's a search bar and several navigation icons. Below that, the breadcrumb navigation shows 'Home > GoogleDCSproject'. The main content area is titled 'GoogleDCSproject' and 'App Service'. On the left, there's a sidebar with links like 'Overview', 'Activity log', 'Access control (IAM)', 'Tags', 'Diagnose and solve problems', 'Security', and 'Events (preview)'. The 'Overview' tab is selected. The main pane displays details about the app service, including its resource group ('appsvc_linux_centralus'), status ('Running'), location ('Central US'), subscription ('Azure for Students'), subscription ID ('748dd887-75f1-4f38-badf-1098f1ac3172'), and tags ('Click here to add tags'). It also shows the URL ('https://googledcsproject.azurewebsites.net'), health check status ('Not Configured'), app service plan ('appsvc_linux_centralus (F1: Free)'), and GitHub project link ('https://github.com/Lucifer-Morningstar36/DSCP'). At the bottom of the main pane, there are actions like 'Browse', 'Stop', 'Swap', 'Restart', 'Delete', 'Refresh', 'Get publish profile', 'Reset publish profile', and 'Send us your feedback'.

Microsoft Azure, commonly referred to as Azure, is a cloud computing service created by Microsoft for building, testing, deploying, and managing applications and services through Microsoft-managed data centres. It provides software as a service (SaaS), platform as a service (PaaS) and infrastructure as a service (IaaS) and supports many different programming languages, tools, and frameworks, including both Microsoft-specific and third-party software and systems. Azure is the largest commercial cloud vendor by revenue, although that designation stems in part from the company's "power of incumbency in Office 365 Commercial and Microsoft 365," which may artificially inflate the company's "pure cloud" revenue totals. Azure, announced at Microsoft's Professional Developers Conference (PDC) in October 2008, went by the internal project codename "Project Red Dog", and formally released in February 2010, as Windows Azure before being renamed to Microsoft Azure on March 25, 2014.

Prerequisites

- Microsoft Azure Student Account
- Visual Studio Code
- Github Account



Create a resource

This can be created in Visual Studio Code (but first you have to install Azure app services in it) or in the azure portal. In visual studio code go to the azure icon and click at the plus button give a unique name to the resource select the stack (PHP 7.2). The resource has been created in the name of GoogleDCSproject which now requires Deployment of the code to run the web app.

The screenshot shows the Azure App Service extension in Visual Studio Code (VS Code) and the Azure portal interface side-by-side.

VS Code Extension Overview:

- Extension: Azure App Service** by Microsoft (Preview)
- Version: v0.20.0
- Downloads: 552,631
- Rating: ★★★★☆
- Description: An Azure App Service management extension for Visual Studio Code.
- Status: Enabled

Azure Portal - Create Web App:

Step 1: Project Details

- Subscription: Azure for Students
- Resource Group: appsvc_linux_centralus
- Name: GoogleDCS

Step 2: Instance Details

- Publish: Code
- Runtime stack: PHP 7.4
- Operating System: Linux
- Region: Australia Central

Step 3: App Service Plan

- App Service plan pricing tier: ASP-appsvclinuxcentralus-816b (F1)
- Sku and size: Free F1 (1 GB memory)

Azure Portal - APP SERVICE:

- APP SERVICE: Azure for Students
- Creating GoogleDCSproject

Bottom Overlay:

- Select Web App
- + Create new Web App...
- + Create new Web App... Advanced

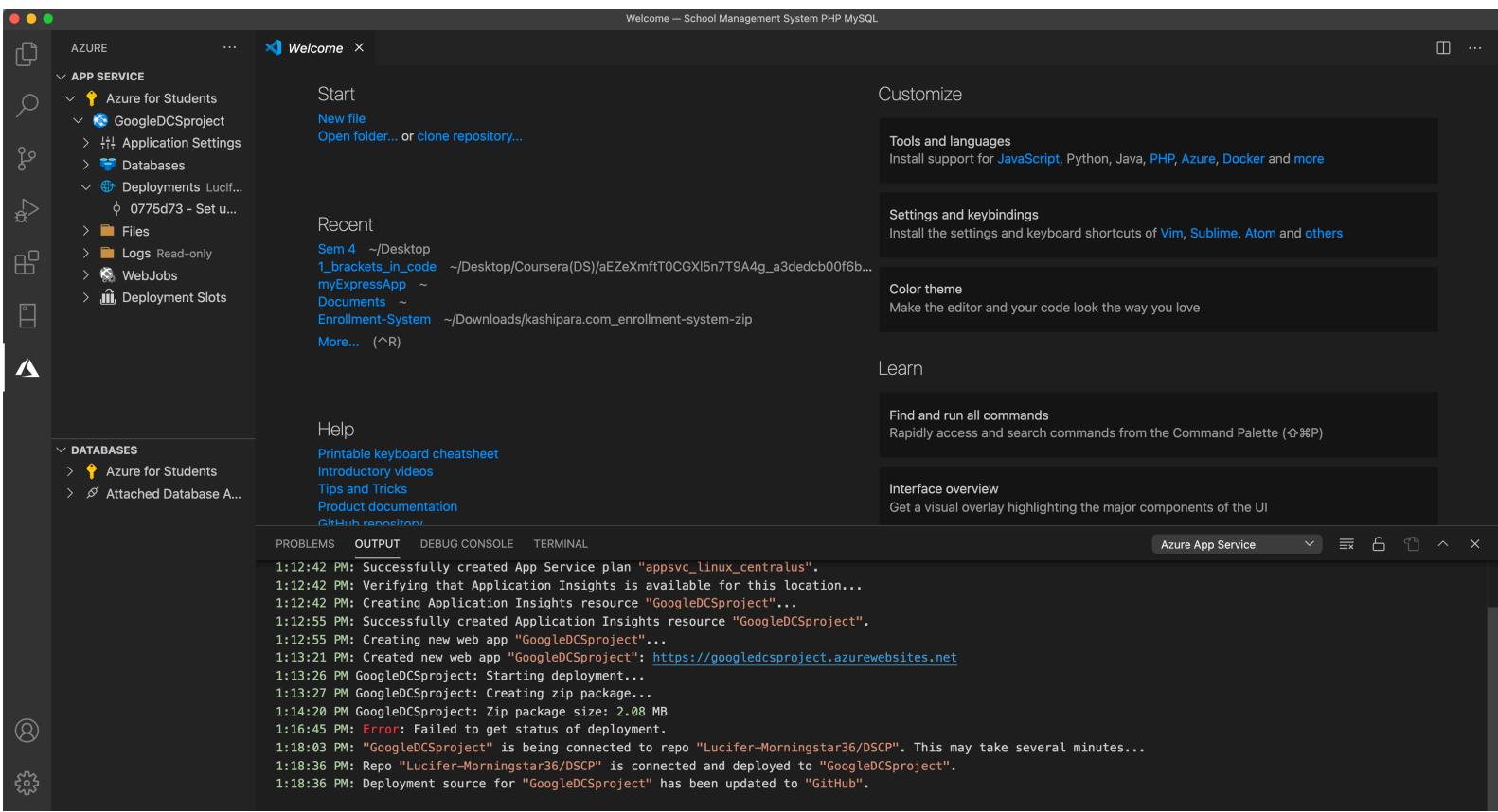
Create new web app (1/2):

GoogleDCSproject

Enter a globally unique name for the new web app. (Press 'Enter' to confirm or 'Escape' to cancel)

Create new web app (2/2):

- PHP 7.2
- PHP 7.3
- PHP 7.4
- Python 3.6
- Python 3.7
- Python 3.8
- ASP.NET V3.5
- ASP.NET V4.8



Deployment of code

To deploy code first we have to select a Deployment centre in the azure portal. There are many options, we can chose azure repos, GitHub, Bitbucket or a local Or a local git for continuous deployment. We can also use FTP for manual deployment. Here we are using GitHub Repository.

Microsoft Azure

Search resources, services, and docs (G+)

Home > GoogleDCSproject

GoogleDCSproject | Deployment Center (Classic)

App Service

Search (Cmd+ /) ⚠ The Deployment Center (Classic) experience is deprecated and will be removed in March of 2021. To continue managing your deployments, try out the new Deployment Center experience.

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Security

Events (preview)

Deployment

- Quickstart
- Deployment slots
- Deployment Center (Classic) (selected)
- Deployment Center

Settings

- Configuration
- Authentication / Authorization
- Authentication (preview)
- Application Insights
- Identity
- Backups
- Custom domains
- TLS/SSL settings
- Networking

Continuous Deployment (CI / CD)

SOURCE CONTROL

BUILD PROVIDER

CONFIGURE

SUMMARY

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.
Lucifer-Morningstar36

Bitbucket
Configure continuous integration with a Bitbucket repo.
Not Authorized

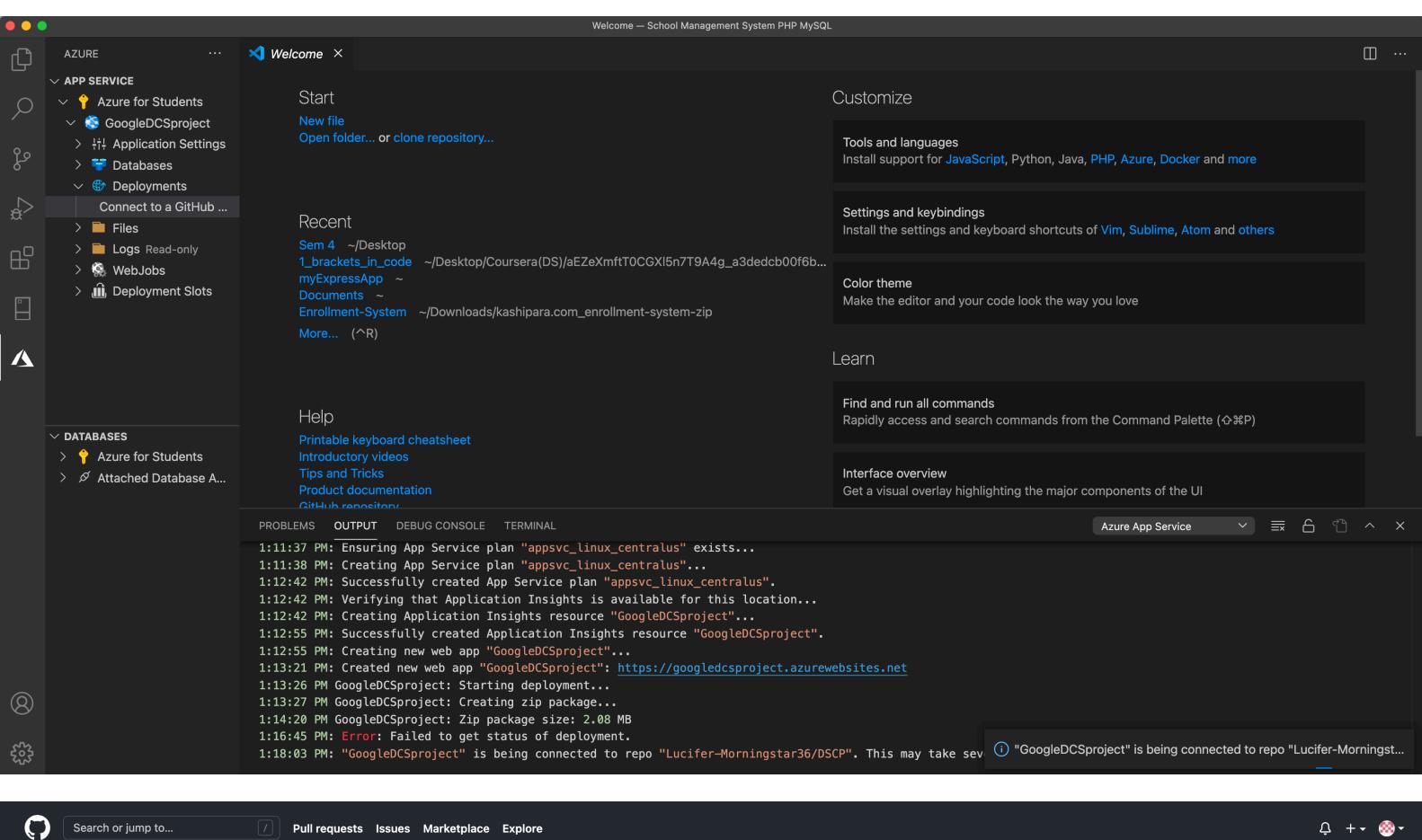
Local Git
Deploy from a local Git repo.

Manual Deployment (push / sync)

FTP

Use an FTP connection to access and copy app files.

Change Account Continue



Learn Git and GitHub without any code!

Using the Hello World guide, you'll start a branch, write comments, and open a pull request.

[Read the guide](#)

The screenshot shows the GitHub repository page for Lucifer-Morningstar36 / DSCP. At the top, there are tabs for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The Code tab is selected. The repository structure shows a main branch with 1 branch and 0 tags. The commit history lists 12 commits from 0775d73 (2 days ago) to 0775d73 (2 days ago). The commits include adding files via upload for css, db, img, js, add_class.php, add_mark.php, and add_staff.php. To the right, there are sections for About (No description, website, or topics provided), Releases (No releases published, Create a new release), and Packages (No packages published, Publish your first package).

Microsoft Azure

Search resources, services, and docs (G+)

tarunveersingh.sidhu20... VIT.AC.IN

Home > GoogleDCSproject

App Service

Search (Cmd+)

Browse Stop Swap Restart Delete Refresh Get publish profile Reset publish profile Send us your feedback

Overview

Essentials

Resource group (change) : appsvc_linux_centralus

Status : Running

Location : Central US

Subscription (change) : Azure for Students

Subscription ID : 748dd887-75f1-4f38-badf-1098f1ac3172

Tags (change) : Click here to add tags

URL : https://googledcsproject.azurewebsites.net

Health Check : Not Configured

App Service Plan : appsvc_linux_centralus (F1: Free)

Github Project : https://github.com/Lucifer-Morningstar36/DSCP

JSON View

Diagnose and solve problems

Our self-service diagnostic and troubleshooting experience helps you identify and resolve issues with your web app.

App Service Advisor

App Service Advisor provides insights for improving app experience on the App Service platform. Recommendations are sorted by freshness, priority and impact to your app.

Deployment

Quickstart

Deployment slots

Deployment Center (Classic)

Deployment Center

Settings

Configuration

Authentication / Authorization

Authentication (preview)

Application Insights

Identity

Backups

Custom domains

TLS/SSL settings

Http 5xx

Data In

Data Out

After Deployment , we can visit the URL-

<https://googledcsproject.azurewebsites.net>

This is the GitHub Link-

<https://github.com/Lucifer-Morningstar36/DSCP>

School Management System - +

googledcsproject.azurewebsites.net

Apps Gmail chrome://flags vitol.ac.in VIT Chennai VIT Chennai: Log in Welcome to vitcc... VIT Vellore on Cou... Learning From Dat... AlgoExpert | Ace t... Snapdrop Linked List Data S... Expression Tree -...

School Management System Admin Teacher Contact Us

SCHOOL MANAGEMENT SYSTEM

www.tutorjoes.com

Admin Login

User Name

Password

Login Here

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