

PREGRADO



UNIDAD 3 | WEB SERVICES

WEB SERVICES DEPLOYMENT

Al finalizar la semana, el estudiante ejecuta un proceso ágil para el desarrollo una aplicación de lado servidor, documentada, verificada y validada, con características innovadoras, bajo una arquitectura orientada a servicios y aplicando los principios RESTful utilizando el lenguaje C# y Microsoft .NET Framework.

AGENDA

AZURE DEPLOYMENT

MYSQL IN APP

OTHER OPTIONS



Azure Deployment

Requirements

Student Account

Visual Studio supports App Publishing to Azure

Azure worldwide availability

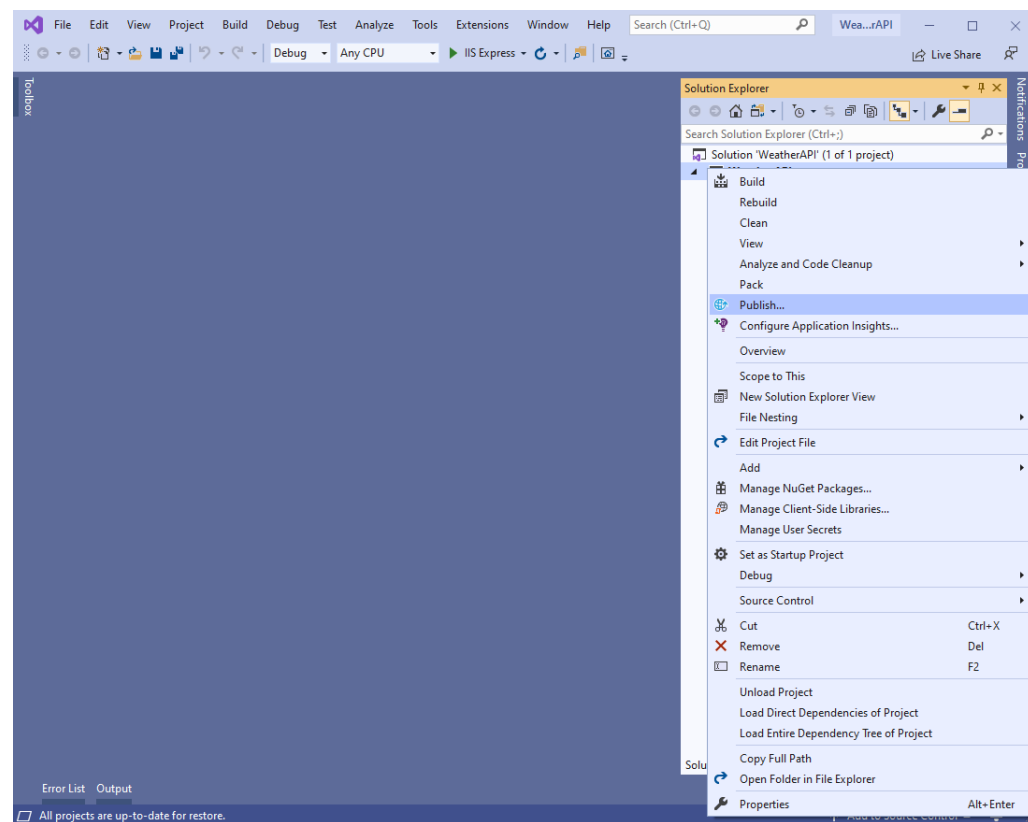
Azure worldwide .NET Core & ASP.NET Core availability.



<https://aspnetcoreon.azurewebsites.net/#.NET%20Core%20SDK>

Publishing

Publish an ASP.NET Core web API to Azure API Management with Visual Studio.



<https://docs.microsoft.com/en-us/aspnet/core/tutorials/publish-to-azure-api-management-using-vs?view=aspnetcore-3.1>

Microsoft References

Tutorial: Create a web API with ASP.NET Core

<https://docs.microsoft.com/en-us/aspnet/core/tutorials/first-web-api?view=aspnetcore-6.0&tabs=visual-studio>

Deploy ASP.NET Core Apps to Azure App Service

<https://docs.microsoft.com/en-us/aspnet/core/host-and-deploy/azure-apps/?view=aspnetcore-6.0&tabs=visual-studio>

AGENDA

AZURE DEPLOYMENT

MYSQL IN APP
















OTHER OPTIONS



MySQL In App

Azure support MySQL Database sharing resources with App.

[https://azure.github.io/AppService/2016/08/18/Announcing-MySQL-in-app-for-Web-Apps-\(Windows\).html](https://azure.github.io/AppService/2016/08/18/Announcing-MySQL-in-app-for-Web-Apps-(Windows).html)

	Application Insights
	Identity
	Backups
	Custom domains
	TLS/SSL settings
	Networking
	Scale up (App Service plan)
	Scale out (App Service plan)
	WebJobs
	Push
	MySQL In App
	Properties
	Locks
App Service plan	
	App Service plan
	Quotas

MySQL In App

Environment variable

MYSQLCONNSTR_localdb
















Show value in console

```
D:\home\data\mysql>cat MYSQLCONNSTR_localdb.ini
Database=localdb;Data Source=127.0.0.1;User Id=azure;Password=6#vWHD_$

D:\home\data\mysql>cat MYSQLCONNSTR_localdb.txt
Database=localdb;Data Source=127.0.0.1:49867;User Id=azure;Password=6#vWHD_$
```

Build additional Connection String in
appsettings.json

Replace in Startup

-  Application Insights
-  Identity
-  Backups
-  Custom domains
-  TLS/SSL settings
-  Networking
-  Scale up (App Service plan)
-  Scale out (App Service plan)
-  WebJobs
-  Push
-  MySQL In App
-  Properties
-  Locks
- App Service plan**
-  App Service plan
-  Quotas

AGENDA

AZURE DEPLOYMENT

MYSQL IN APP

OTHER OPTIONS



Other providers

SmarterASP.NET

https://www.smarterasp.net/hosting_plans

SmarterASP.NET References

How to publish ASP.NET Core web application via Visual Studio
2019

https://www.smarterasp.net/support/kb/a2135/how-to-publish-asp_net-core-web-application-via-visual-studio-2019.aspx

Quick Start Guide

<https://www.smarterasp.net/support/kb/a1699/quick-start-guide.aspx?KBSearchID=910070>

Additional References

Publish ASP.NET and ASP.NET Core applications with JetBrains
Rider

https://www.jetbrains.com/help/rider/Publishing_Web_Apps.html

Additional References

Hosting ASP.NET Core on Heroku

<https://dotnetthoughts.net/hosting-aspnet-core-on-heroku/>

Hosting ASP.NET Core applications on Heroku using Docker

<https://dotnetthoughts.net/hosting-aspnet-core-applications-on-heroku-using-docker/>

Heroku .NET Core Buildpack

<https://github.com/anuraj/dotnetcore-buildpack>

RESUMEN

Recordemos

Azure Publishing

MySQL in App



REFERENCIAS

Para profundizar

<https://docs.microsoft.com/en-us/dotnet/azure/>



PREGRADO

Ingeniería de Software

Escuela de Ingeniería de Sistemas y Computación | Facultad de Ingeniería



UPC

Universidad Peruana
de Ciencias Aplicadas

Prolongación Primavera 2390,
Monterrico, Santiago de Surco
Lima 33 - Perú
T 511 313 3333
<https://www.upc.edu.pe>

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