

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

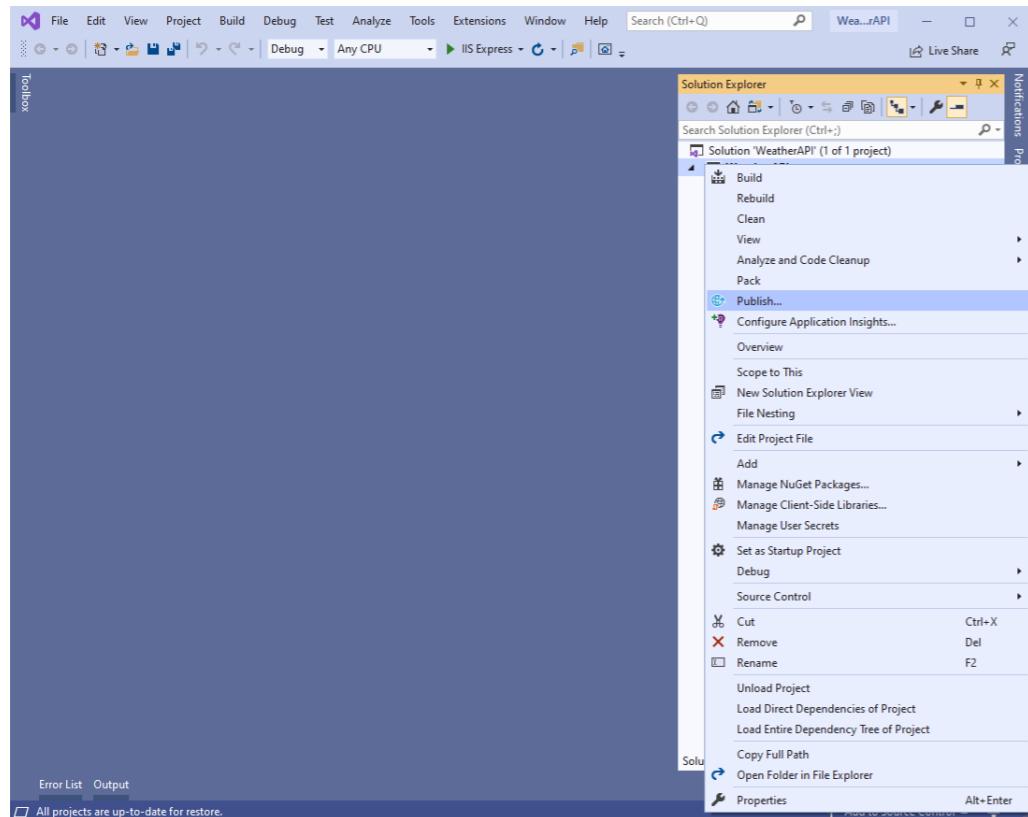
Azure worldwide .NET Core & ASP.NET Core availability.



<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

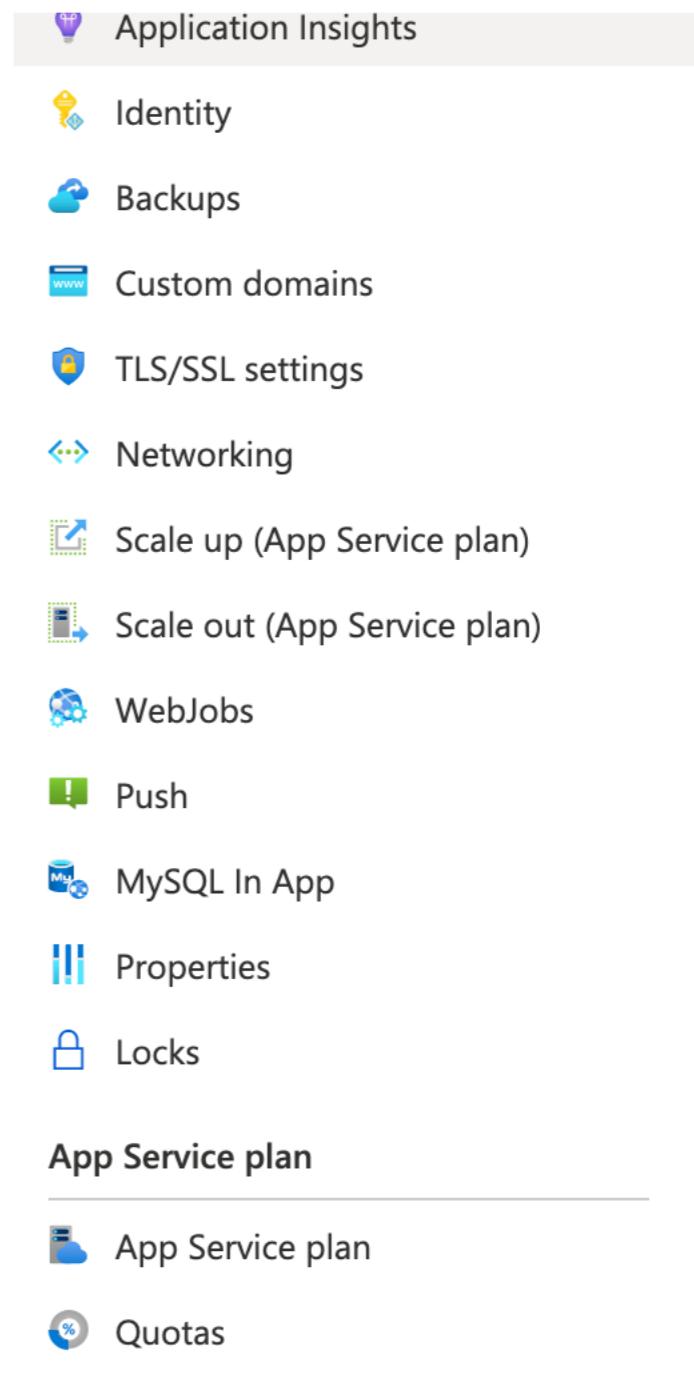
OTHER OPTIONS



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)



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

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