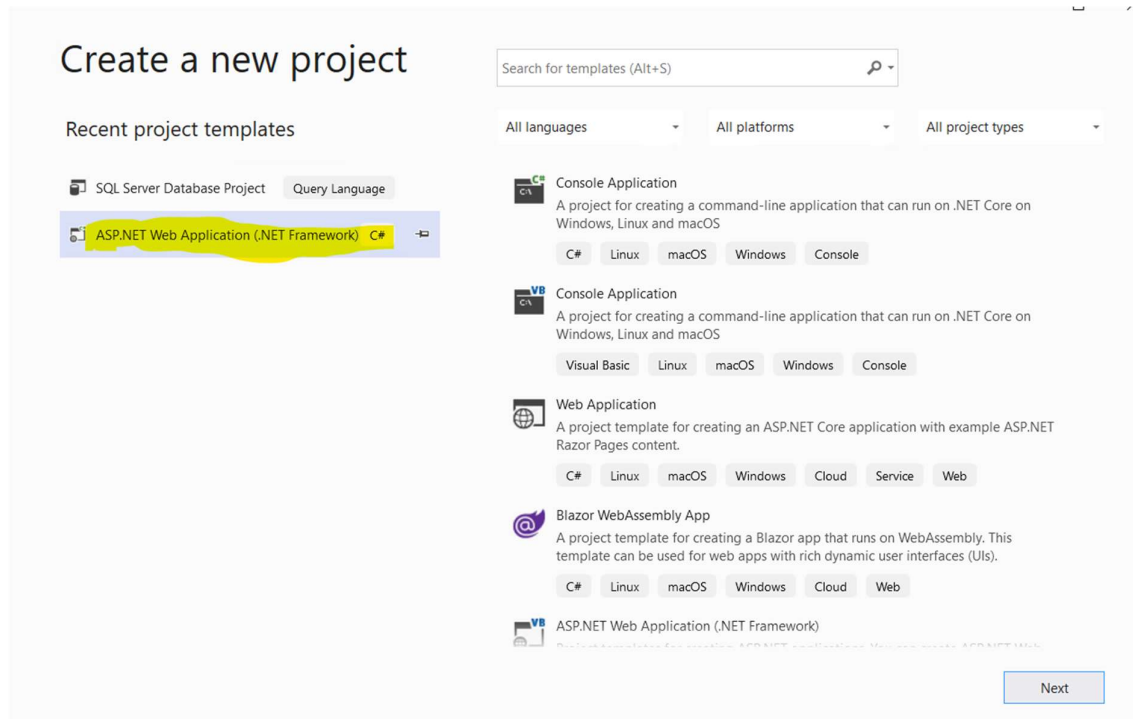


---

## Azure SQL Database

---

STEP1: Select of project type as asp.net mvc



STEP2: Selecting project template as MVC

## Configure your new project

ASP.NET Web Application (.NET Framework)

C#

Windows

Cloud

Web

Project name

SQLDatabase

Location

C:\Users\devops13\source\repos

Solution

Create new solution

Solution name ⓘ

SQLDatabase

☐ Place solution and project in the same directory

Framework

.NET Framework 4.7.2

Back

Create

## Create a new ASP.NET Web Application



### Empty

An empty project template for creating ASP.NET applications. This template does not have any content in it.



### Web Forms

A project template for creating ASP.NET Web Forms applications. ASP.NET Web Forms lets you build dynamic websites using a familiar drag-and-drop, event-driven model. A design surface and hundreds of controls and components let you rapidly build sophisticated, powerful UI-driven sites with data access.



### MVC

A project template for creating ASP.NET MVC applications. ASP.NET MVC allows you to build applications using the Model-View-Controller architecture. ASP.NET MVC includes many features that enable fast, test-driven development for creating applications that use the latest standards.



### Web API

A project template for creating RESTful HTTP services that can reach a broad range of clients including browsers and mobile devices.



### Single Page Application

A project template for creating rich client side JavaScript driven HTML5 applications using ASP.NET Web API. Single Page Applications provide a rich user experience which includes client-side interactions using HTML5, CSS3, and JavaScript.

### Authentication

No Authentication

[Change](#)

### Add folders & core references

- ☐ Web Forms
- ☒ MVC
- ☐ Web API

### Advanced

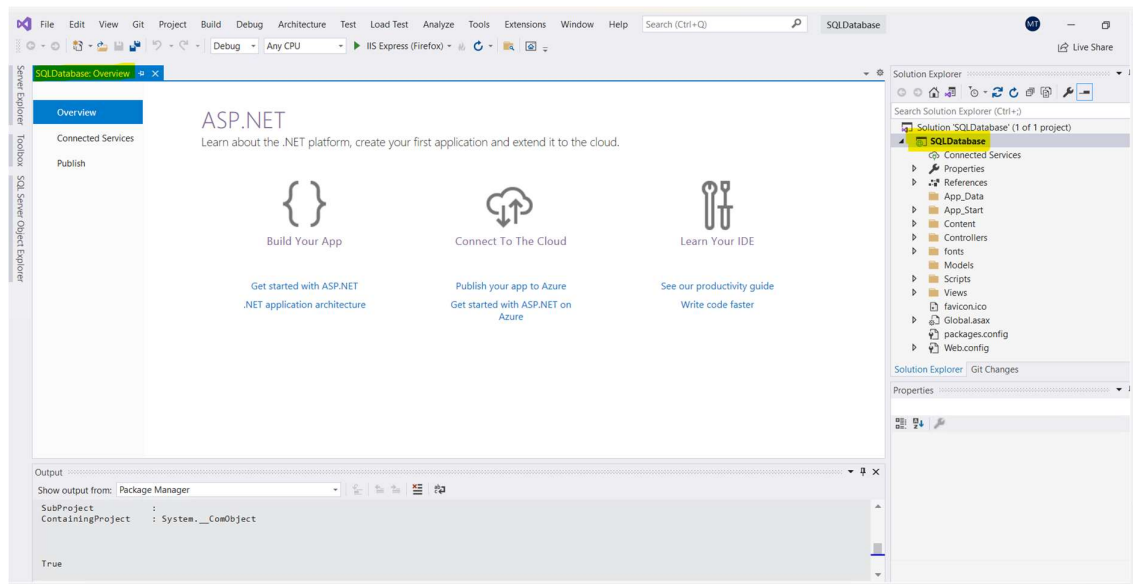
- ☒ Configure for HTTPS
- ☐ Docker support  
(Requires [Docker Desktop](#))
- ☐ Also create a project for unit tests

SQLDatabase.Tests

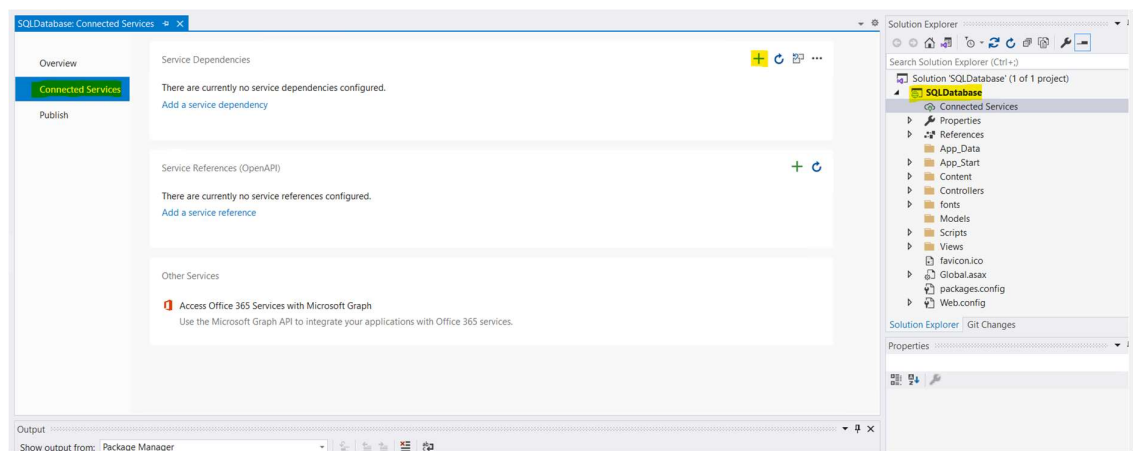
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Create

STEP3: Open project in Visual Studio




STEP4: In Solution Explorer > Connected Services node > Add Connected Service





STEP5: In the Add Dependency page, select Azure SQL Database.


## Add dependency


Select a service dependency to add to your application.


**Secrets.json (Local)**  
Safeguard cryptographic keys and other secrets used by cloud apps and services.


**Azure Key Vault**  
Safeguard cryptographic keys and other secrets used by cloud apps and services.

**Azure App Configuration**  
Easily access the application's key-value settings and feature flags that are centrally managed in Azure.

**SQL Server Express LocalDB (Local)**  
Local database service that provides the broadest SQL Server engine compatibility.

**Azure SQL Database**  
Intelligent, scalable, cloud database service that provides the broadest SQL Server engine compatibility.

**SQL Server Database**  
On-premise SQL Server Database

**Azure Cache for Redis**  
Help your application stay responsive even as user load increases by leveraging the low latency, high-throughput capabilities of the Redis engine.

Back

Next

Finish

Cancel

STEP6: In the Configure Azure SQL Database screen, select an existing Azure SQL Database, and select Next

## Configure Azure SQL Database

Select a service dependency to add to your application.

Subscription name

Concierge Subscription

SQL databases

Name	Resource group	Location	Server name
azuresqldatabase	learn-cbbaca59-64c7-47	Central India	azuresqldatabaseazure

Back

Next

Finish

Cancel

UST  
216885@ust-global.com

UST  
USTGlobal.onmicrosoft.com  
learn.docs.microsoft.com

STEP7: create an Azure SQL Database

STEP8: Enter a connection string name, or choose the default, and choose whether you want the connection string stored in a local secrets file

×

## Configure Azure SQL Database

Provide connection string name and specify how to save it

Database connection string name

Webapplication

Database connection user name

thejeshmm

Database connection password

••••••••

Connection string value

\*\*\*\*\*

Tip: avoid pasting application secrets directly into your code.

Save connection string value in

[Learn more](#)

☒ Local user secrets file

☐ Azure Key Vault

☐ None

Back

Next

Finish

Cancel

STEP9: The Summary of changes screen shows all the modifications that will be made to your project if you complete the process. Finish

## Summary of changes

Project changes for dependencies being added or configured:

Azure SQL Database

☒

NuGet packages

NuGet packages will be modified to ensure optimal operation of the new dependency

☒

Secrets store

Application secrets used by the new dependency will be stored in the selected secrets store

Secrets.json (Local)

☒

NuGet packages

NuGet packages will be modified to ensure optimal operation of the new dependency

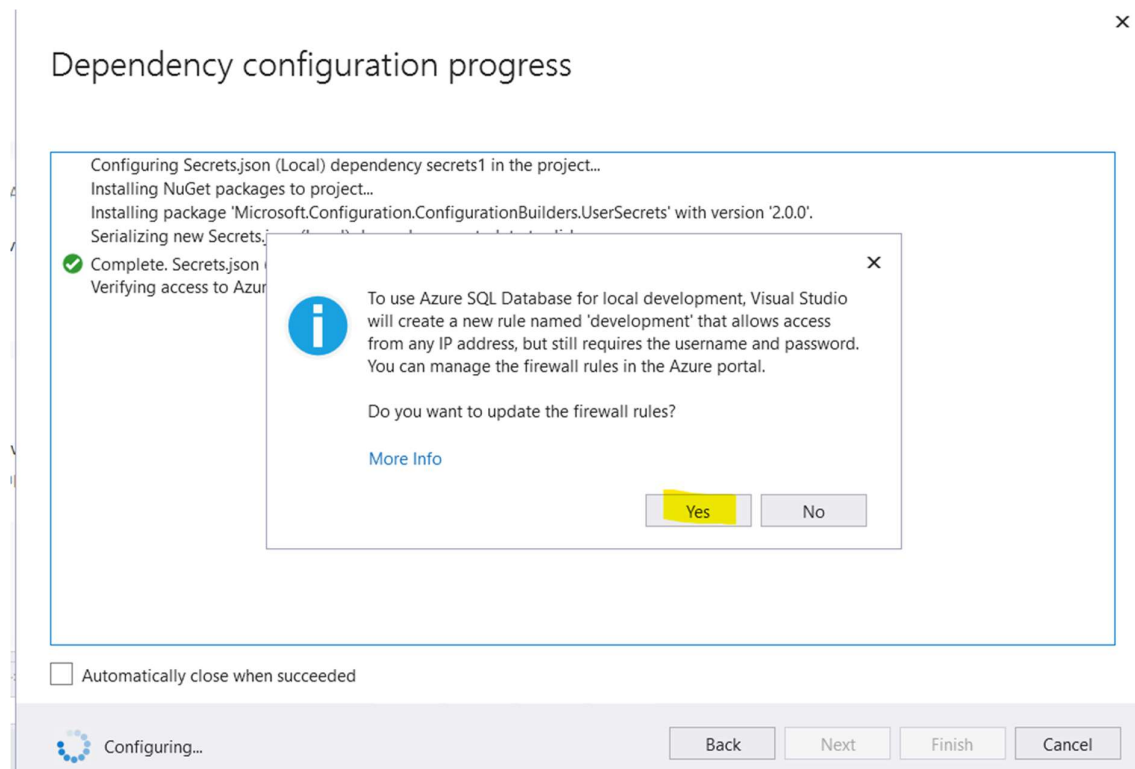
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Next

Finish

Cancel

STEP10: If prompted to set a firewall rules, choose Yes.



STEP11: The connection appears under the Service Dependencies section of the Connected Services tab

