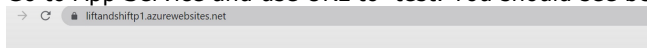


Project -1

Monday, 31 October 2022 10:33 AM

- Create git repo
- Copy src and readme file into the project
- Sync git repo
- Create the followings in the portal
 - app services plan
 - App services
 - SQL server
 - Remember or note it down somewhere for sqlserver authentication
 - Username
 - Password
 - SQL database
- Go to App Service and use URL to test. You should see below.




 Microsoft Azure

- Your web app is running and waiting for your content

Your web app is live, but we don't have your content yet. If you've already deployed, it could take up to 5 minutes for your content to show up, so come back soon.



 Supporting Node.js, Java, .NET and more

- Get connection string from sql database,
 - Server=tcp:sqlserversu.database.windows.net,1433;Initial Catalog=liftandshift;Persist Security Info=False;User ID=suadmin;Password=AppleOrange123!;MultipleActiveResultSets=False;Encrypt=True;TrustServerCertificate=False;Connection Timeout=30;
- Add client IP Address
- Add the followings to the Configuration
 - Database__Provider
 - Add Connection strings to the connection strings

- | | |
|-------------|--|
| • Deploy it | -You might come across with the deployment error like below. |
|-------------|--|

```
build
failed 11 minutes ago in 55s
Search logs

Build with dotnet 10s
-----
9 SDK Version: 6.0.402
10
11 Telemetry
12 -----
13 The .NET tools collect usage data in order to help us improve your experience. It is
collected by Microsoft and shared with the community. You can opt-out of telemetry
by setting the DOTNET_CLI_TELEMETRY_OPTOUT environment variable to '1' or 'true'
using your favorite shell.
14
15 Read more about .NET CLI Tools telemetry: https://aka.ms/dotnet-cli-telemetry
16
17 -----
18 Installed an ASP.NET Core HTTPS development certificate.
19 To trust the certificate run 'dotnet dev-certs https --trust' (Windows and macOS
only).
20 Learn about HTTPS: https://aka.ms/dotnet-https
21 -----
22 Write your first app: https://aka.ms/dotnet-hello-world
23 Find out what's new: https://aka.ms/dotnet-whats-new
24 Explore documentation: https://aka.ms/dotnet-docs
25 Report issues and find source on GitHub: https://github.com/dotnet/core
26 Use 'dotnet --help' to see available commands or visit: https://aka.ms/dotnet-cli
27 -----
28
29 MSBUILD : error MSB1003: Specify a project or solution file. The current working
directory does not contain a project or solution file.
30 Error: Process completed with exit code 1
```

Add working-directory: ./src in the workflow in github yaml pipeline file.

```
3
4 name: Build and deploy ASP.Net Core app to Azure Web App - liftdandshiftp1
5
6 on:
7   push:
8     branches:
9       - main
10 workflow_dispatch:
11
12 jobs:
13   build:
14     runs-on: windows-latest
15
16     steps:
17       - uses: actions/checkout@v2
18
19       - name: Set up .NET Core
20         uses: actions/setup-dotnet@v1
21         with:
22           dotnet-version: '6.0.x'
23           include-prerelease: true
24
25       - name: Build with dotnet
26         run: dotnet build --configuration Release
27         working-directory: ./src
28
29       - name: dotnet publish
30         run: dotnet publish -c Release -o ${env.DOTNET_ROOT}/myapp
31         working-directory: ./src
32
33       - name: Upload artifact for deployment job
34         uses: actions/upload-artifact@v2
35         with:
36           name: .net-app
37           path: ${env.DOTNET_ROOT}/myapp
38
39   deploy:
40     runs-on: windows-latest
41     needs: build
42     environment:
43       name: 'Production'
44     steps:
45       - name: Deploy to Azure Web App
```

Add working-directory: ./src
under run:

Try to connect to SQL Server via MSSQL - Make sure you Add firewall rule and select Allow Azure Services and resources to access this server.

Home > sqlserversu

sqlserversu | Networking

SQL server

Search

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Quick start

Settings

Azure Active Directory

SQL databases

SQL elastic pools

DTU quota

Properties

Locks

Data management

Backups

Deleted databases

Failover groups

Import/Export history

Security

Networking

Microsoft Defender for Cloud

Transparent data encryption

Identity

Public network access

Public Endpoints allow access to this resource through the internet using a public IP address. An application or resource that is granted access with the following network rules still requires proper authorization to access this resource. [Learn more](#)

Public network access

Disable

Selected networks

Connections from the IP addresses configured in the Firewall rules section below will have access to this database. By default, no public IP addresses are allowed. [Learn more](#)

Virtual networks

Allow virtual networks to connect to your resource using service endpoints. [Learn more](#)

+ Add a virtual network rule

Rule	Virtual network	Subnet	Address range	Endpoint status	Resource group	Subscription	State
------	-----------------	--------	---------------	-----------------	----------------	--------------	-------

Firewall rules

Allow certain public internet IP addresses to access your resource. [Learn more](#)

+ Add your client IPv4 address (157.211.8.187)

+ Add a firewall rule

Rule name	Start IPv4 address	End IPv4 address	
ClientIPAddress_2022-10-30_11:46:28	157.211.8.187	157.211.8.187	

Exceptions

Allow Azure services and resources to access this server

Save

Cancel

1

2