

Simple BLOG MVC Net Core APP.

Developed by: Jonathan Chavez Garcia.

SOFTWARE REQUIREMENTS.

Windows Server 2012 or higher.

IIS 8 or higher.

SQL Server 2012 or higher.

For the published files of the Web App and the Web API, and for the SQL Database, please have between 100 and 200 MB of free hard drive space.

GIT HUB DIRECTORIES

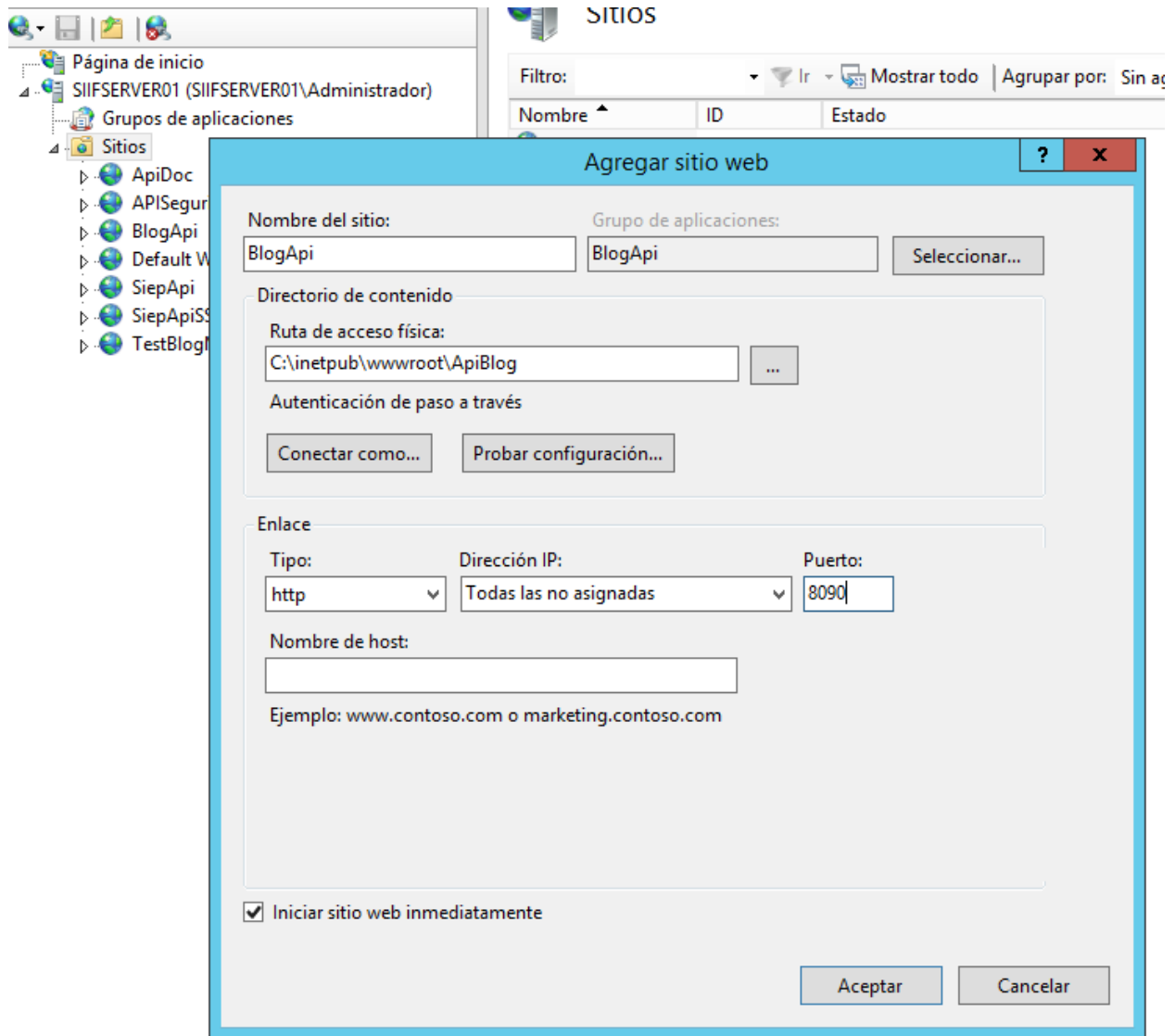
In the directory Published you will find two more directories. The ApiBlog directory contains all the files necessary to publish the web api to the IIS. The directory TestMvcBlog directory contains all the files necessary to publish the MVC Web App to the IIS.

In the directory Source you will find two more directories The ApiBlog directory contains the source code (Visual Studio Net core 2019) for the web api. The TestBlog directory contains the source code for the MVC web app.

API AND MVC WEB APP PUBLICATION.

Copy the ApiBlog and TestMvcBlog directories in the C:\inetpub\wwwroot directory located in the IIS server.

Open IIS and as it is shown in the following picture, add a new website, select the directory path for the web api and assign the port number and then click OK.



Do the same for the MVC Web App, but in the physical path select C:\inetpub\wwwroot\TestMvcBlog, and select another port.

WEB API CONFIGURATION.

After the web api has been published in the IIS, changes must be made to the appsettings.json file.

Look after the section “ConnectionStrings” in the appsettings.json file, in this section look for the following key “DefaultConnection”. Changes has to be made to the following parameters.

Server: Write the name or IP of the Server which has the SQL Server installed.

Database: Remain unchanced.

User Id: Sql Server user with dbo privileges for the data base BLOG_JC.

Password: Password for the user that is used to connect to the BLOG_JC database.

MVC BLOG CONFIGURATION.

After the MVC Blog app has been published in the IIS, changes must be made to the appsettings.json file.

Look after for the “ApiUrl” section. This section contains the url (including the port number) of the Web Api, for example, this section could be written like this: “ApiUrl”: <http://192.168.100.16:44371>, 192.168.100.16 is the ip address of the server and 44371 is the port number where the web api is running.

RESTORE DATABASE.

The file BLOG_JC.bak contains the backup of the SQL Database, which it must be restored in the Server. Remember the database version is SQL Server 2012.

CREDENTIALS.

The Editor credentials are:

Username: bchavez@gmail.com

Password: b123456

The writer credentials are:

Username: acarreno@gmail.com

Password: alexia0108

The MVC Blog is also published in my personal IIS Server. <http://181.198.204.173:8095/>

DEVELOPMENT TIME.

TASK	HOURS
Tables and stored procedures creation	3
Web api development	2
MVC Web App development	3
Tests	1.5
Total time	9.5

Please consider that I couldn't work on the project on Monday and Tuesday because we had a two-day holiday. I started to work Wednesday March 2nd only at nights because I had to do it after business hours.