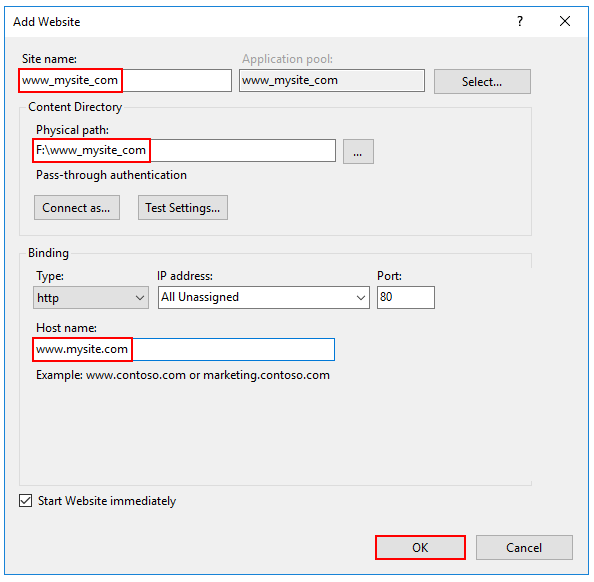
**Electorate Web Application Hosting Guide**

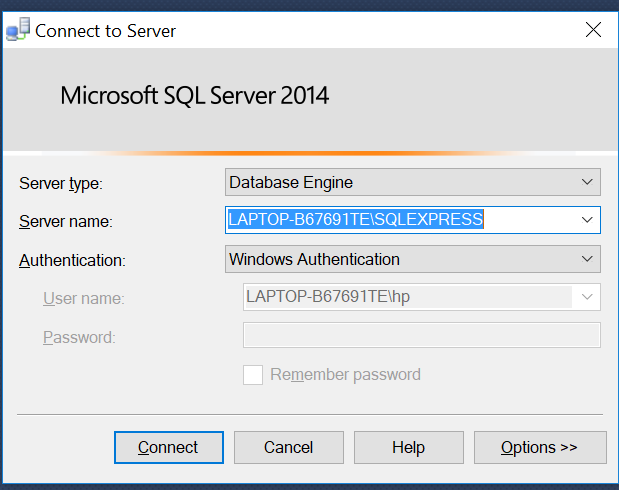
1. **Prerequisite**
   1. **IIS**
   2. **MSSQL Express 2017**

1. **Installation steps** 
   1. Enable The IIS service on windows server using steps mentioned in following link
      1. [**https://msdn.microsoft.com/en-us/library/ms181052(v=vs.80).aspx**](https://msdn.microsoft.com/en-us/library/ms181052(v=vs.80).aspx)
   2. Install Asp.net core runtime from following link
      1. https://www.microsoft.com/net/download/thank-you/dotnet-runtime-2.0.9-windows-hosting-bundle-installer
   3. Install the MSSQL Express 2017.
      1. Download the package from <https://www.microsoft.com/en-us/download/details.aspx?id=55994>
      2. Follow the steps from <https://www.mssqltips.com/sqlservertip/5528/installing-sql-server-2017-express/>
2. **Create the IIS site**
   1. On the hosting system, create a folder to contain the app's published folders and files.
   2. In **IIS Manager**, open the server's node in the **Connections** panel. Right-click the **Sites** folder. Select **Add Website** from the contextual menu.
   3. Provide a **Site name** and set the **Physical path** to the app's deployment folder. Provide the **Binding** configuration and create the website by selecting **OK**:



* 1. Under the server's node, select **Application Pools**.

1. **Deploy Database**
   1. Run SQL Management Studio and connect to the installed MS SQL Express instance. For example.



* 1. Create new database and run  file to create table structure.

1. **Change the application configuration of web application** 
   1. Change the database connection string in appsettings.js file.

"VotingDatabase": "Data Source=LAPTOP-B67691TE\\SQLEXPRESS;Initial Catalog=Electorate1;User ID=sa;Password=sa;Persist Security Info=True;Integrated Security=SSPI;MultipleActiveResultSets=True",

* 1. Change the blockchain private key in appsettings.js file "BlockChainPrivateKey": "088A1428F9FA7FE1A016EB9802E8E20634737147C5F7F851346D83015FF13446"

1. **According to hosting address, Change the application url in launchsettings.js file of web application.**

"applicationUrl": "http://localhost:61814/",