How to install and set up DordStream on a local machine.

DordStream is a content management software than runs on a local machine that support Microsoft SQL server.

The following software has to be installed on the local machine before installing DordStream.

(1) SQL Server 2019 Express or later version.
(2) SQL Server Management Studio

The following steps show how to install DordStream on local machine using internet information service (IIS):

1. Download DordStream File
2. Unzip DordStream File
3. IIS Installation
4. Enable ASP.NET features on IIS
5. Install DotNet-Hosting Bundle
6. Hosting a DordStream
7. Database connectivity
8. Conclusion

Step 1: Download DordStream File.

DordStream can be download from our official website. Download link

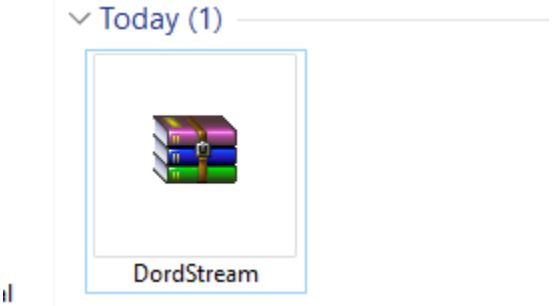

Figure 1: DordStream Zip file.

Step 2: Unzip DordStream File.

DordStream file is a zip file which can be unzip using any unzip software, like 7zip, WinRAR etc. Download link for WinRAR.
To unzip the file using WinRAR, Left click on the file and click on extract files.

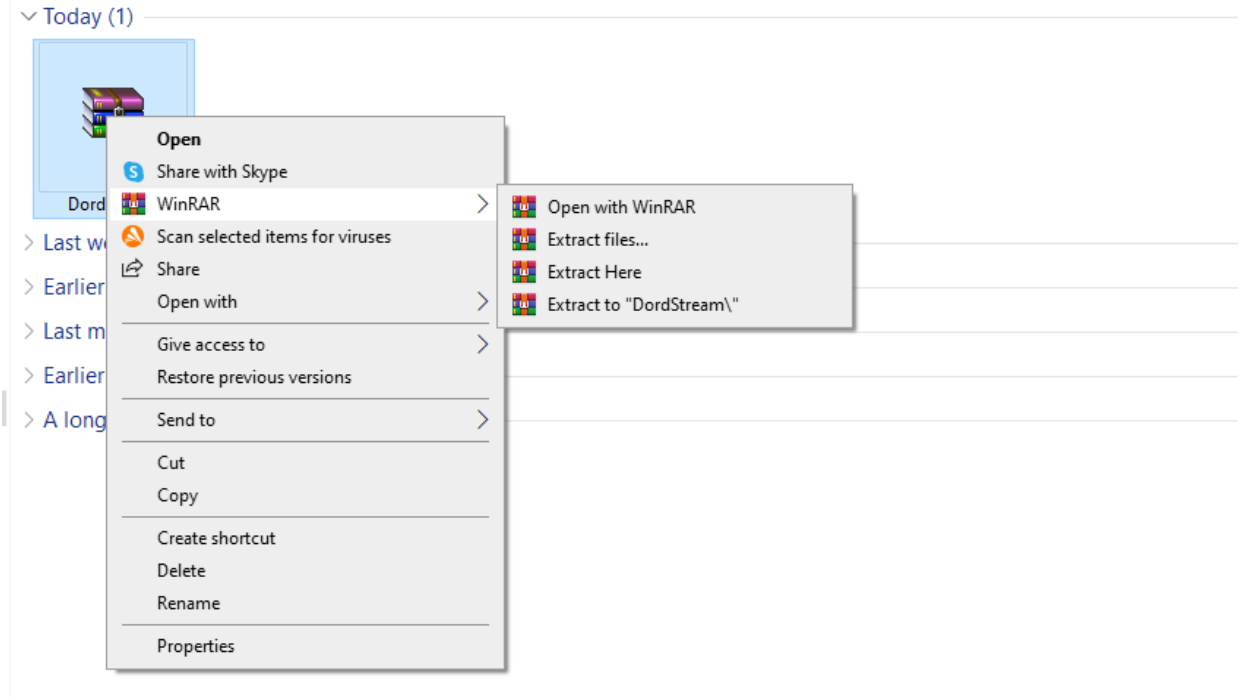

Figure 2

The file will be unzipped to a folder with the same name.

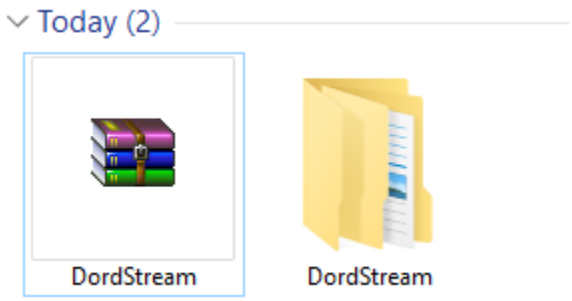

Figure 3

Inside the folder we'll see Database folder, DordStream Folder and adminlogindetails file. Database Folder contain of database bakup file, DordStream Folder is the path to the software which will be hosted on Internet Information Service (IIS) while adminlogindetails is a text file which contain the default login credential.

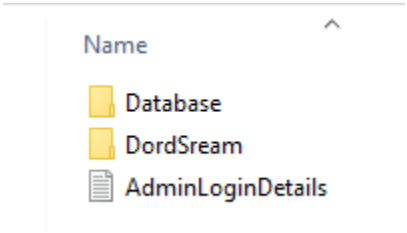

Figure 4

Step 3: IIS Installation.

IIS is a protocol server which is used to host a website on server. IIS stands for Internet Information services.

To install IIS start with windows start icon -> Control panel, Programs and Features , then click Turn Windows features on or off.

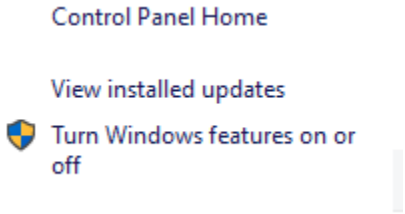

Figure 5

After that click windows features on or off, the Windows Features pop up window opens.

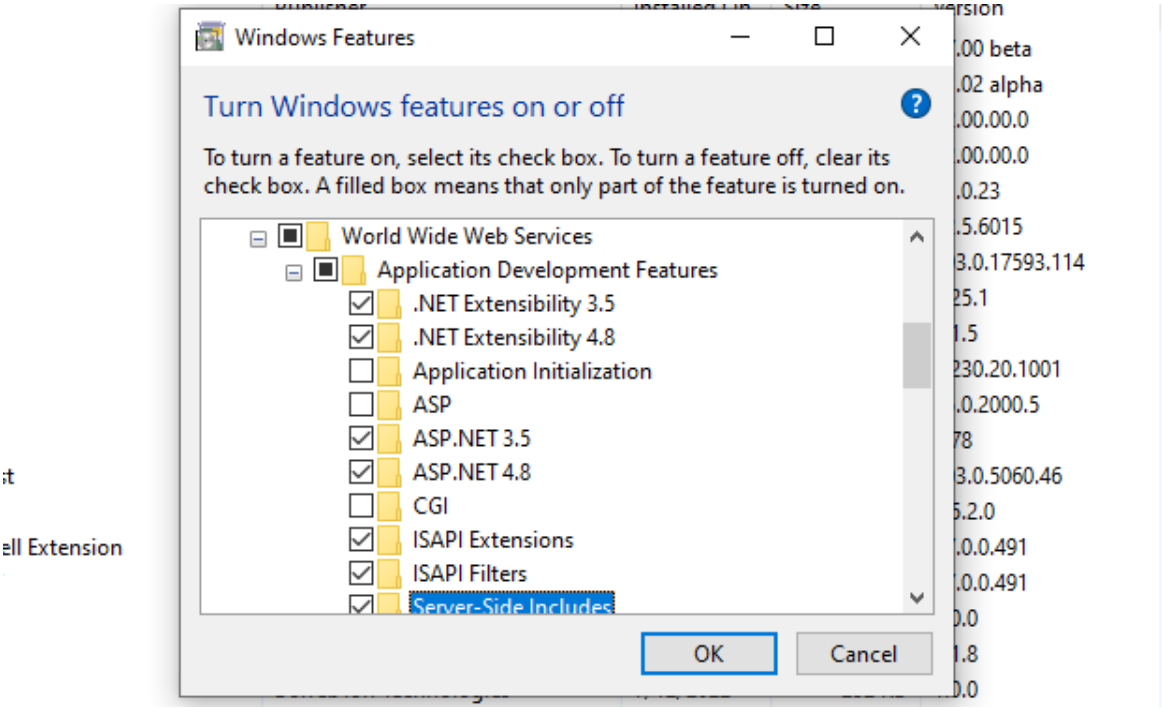

Figure 6: Windows features

Step 4: Enable ASP.NET Features on IIS

Expand the Application Development Features in that enable the ASP.NET application features such as:

1. .NET Extensibility
2. ASP
3. ASP.NET
4. CGI
5. ISAPI Extensions
6. ISAPI Filters
7. Server-Side Includes.

After enabling the ASP.NET features on IIS hit Ok. The IIS server Manager is successfully enabled in start control list.

Step 5: Install DotNet-Hosting Bundle

Now we have to install DotNet-Hosting Bundle in our system because DordStream needs to run on .NetCore the platform.

Here is the download link for .NET Frame work 4.5 click Here.

On this page hit download button and the following the process

After the downloading and Installation progress are completed hit the finish button to complete the Installation. Now your IIS is ready to host DordStream.

Step 6: Host DordStream.

Start IIS server, in that click site, right click on site and then choose add web site

Create a new application pool, left click on application pool, click on add application pool.

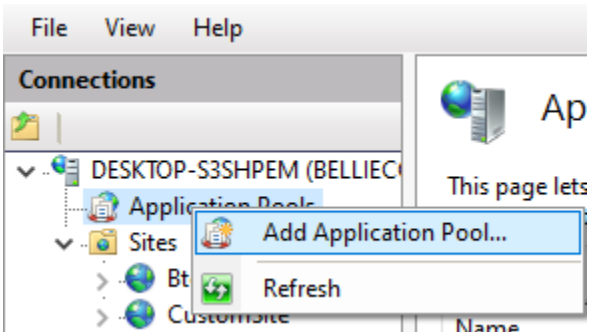

Figure 7: Application pool

Add the application pool name , Change .NET CLR version to No Managed Code and Managed pipeline mode to Integrated. Click ok to the create the application.

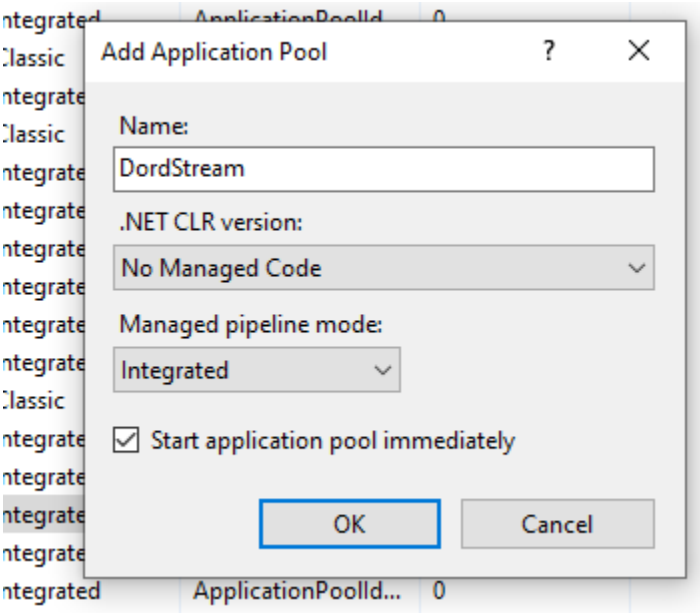

Figure 8: Application pool.

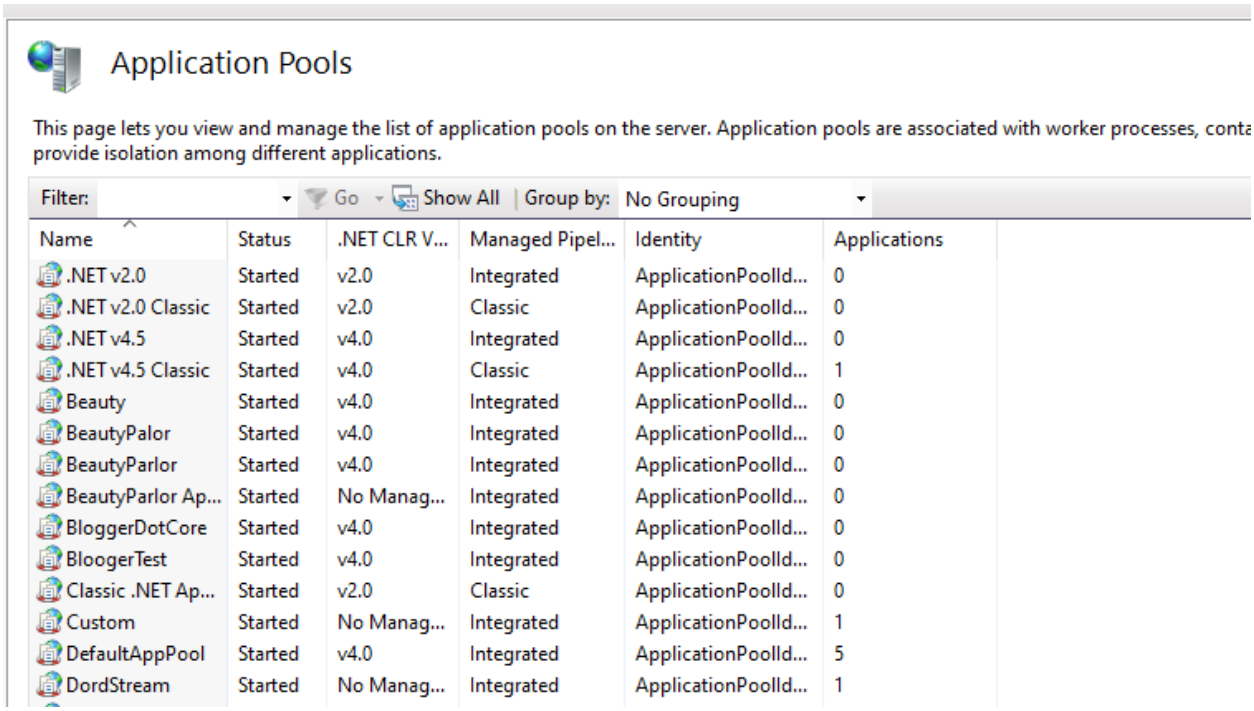

Figure 9: Application pool

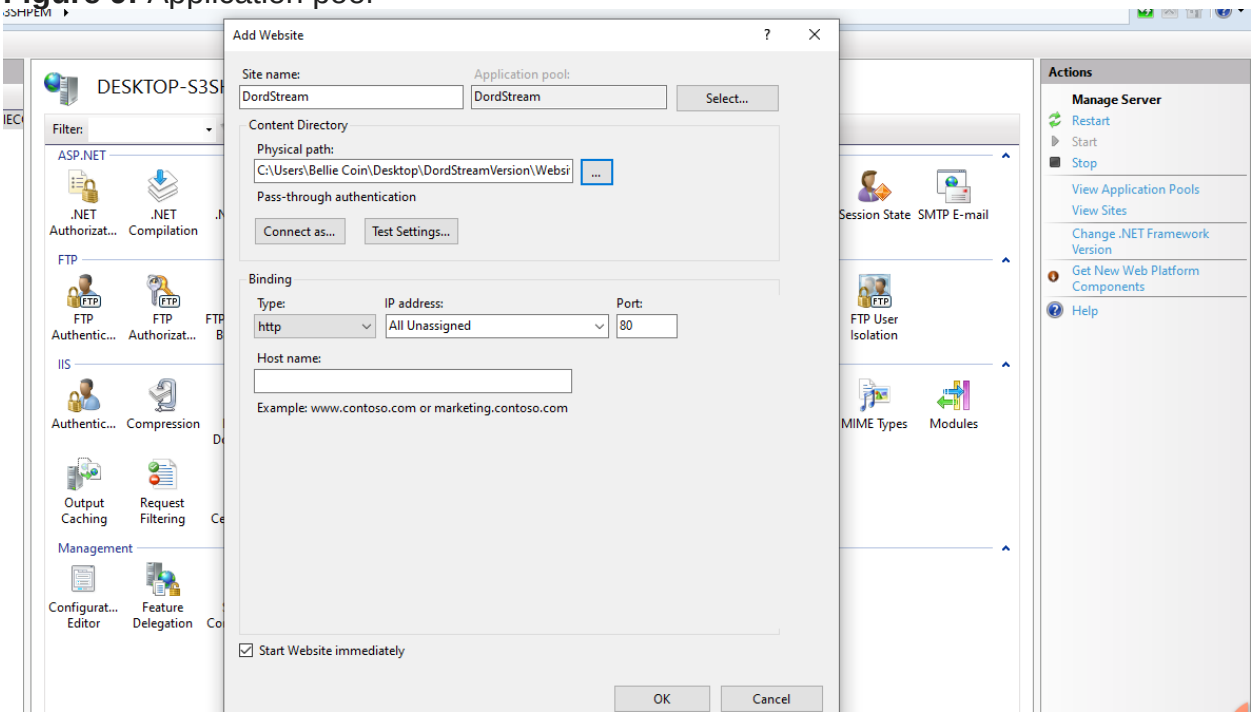

Figure 10: Add web site window

Add site name, select the created application pool, select Figure 4, DordStream folder as the path, then assign the IP address or enter the host name of that particular site like www.example.com and then hit ok.

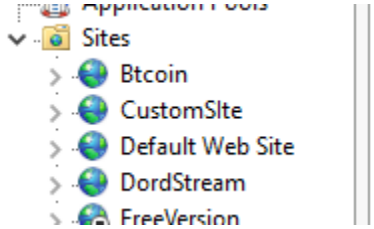

Figure 11

After the process is completed. Add and set IIS_IUSRS permission to full control in order for IIS to have control over the web.config

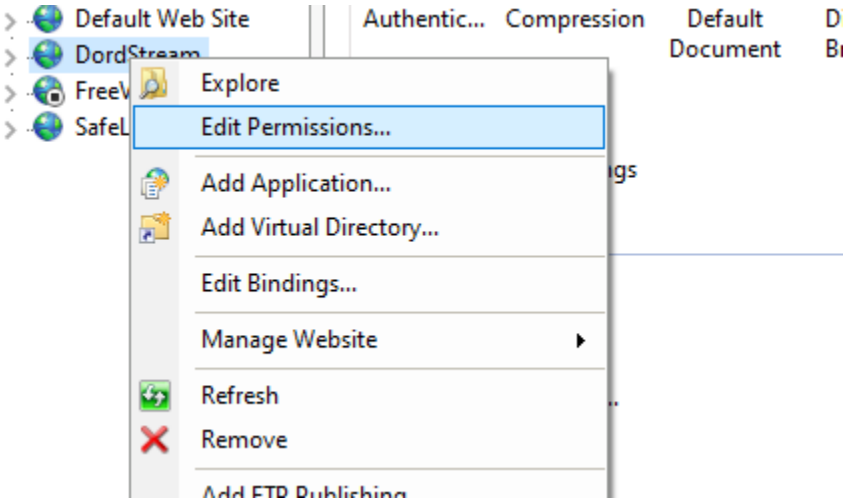

Figure 12

Left click on the site name you just created and click on edit permission.

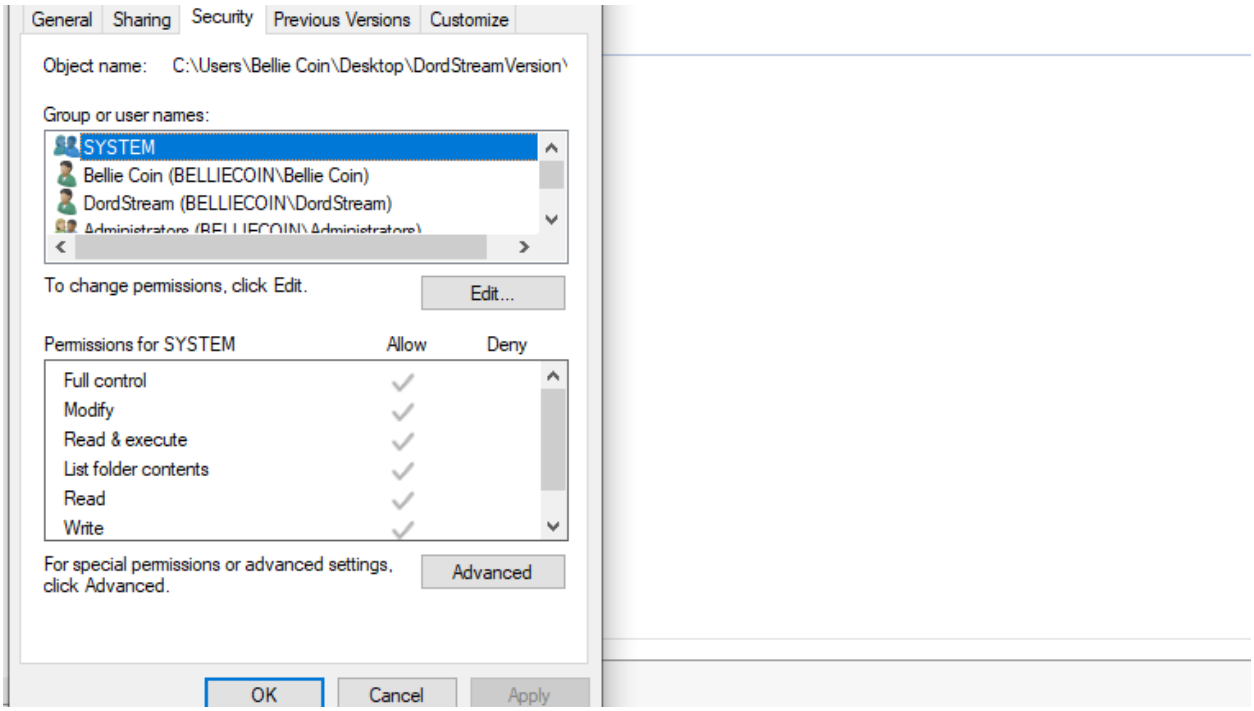

Figure 13

On the Security Window click on edit to the security.

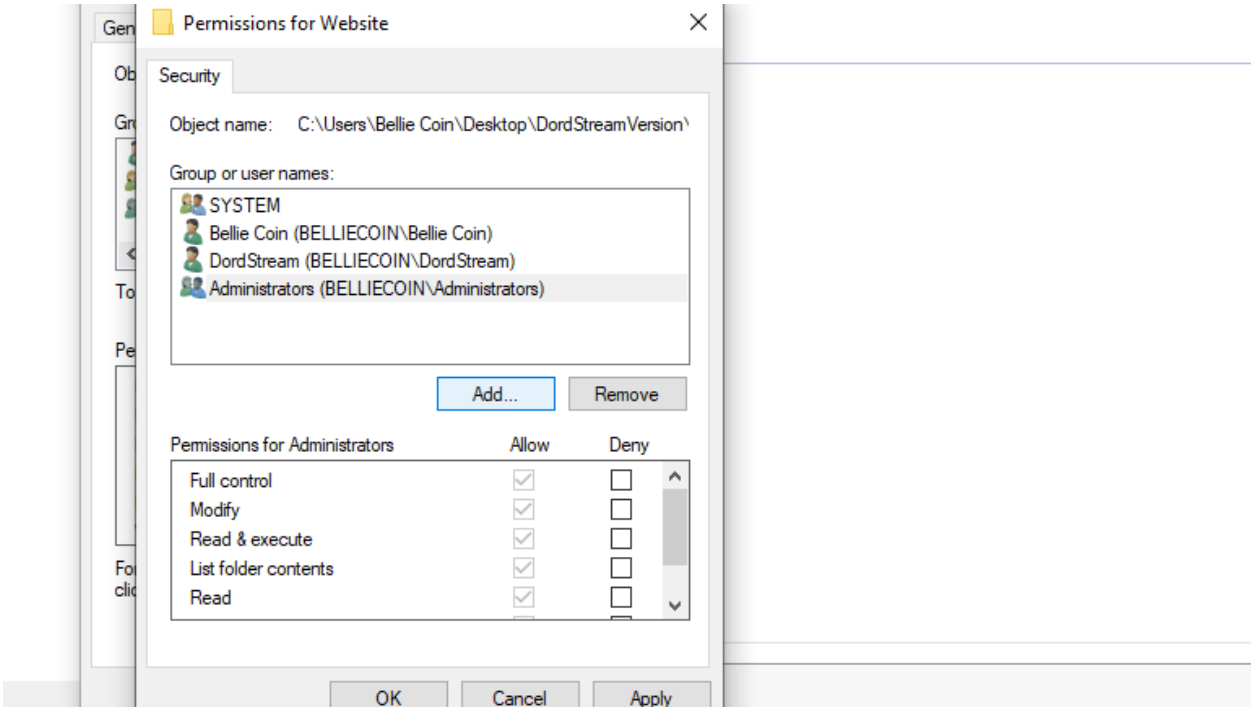

Figure 14

Click on add to add IIS_IUSRS

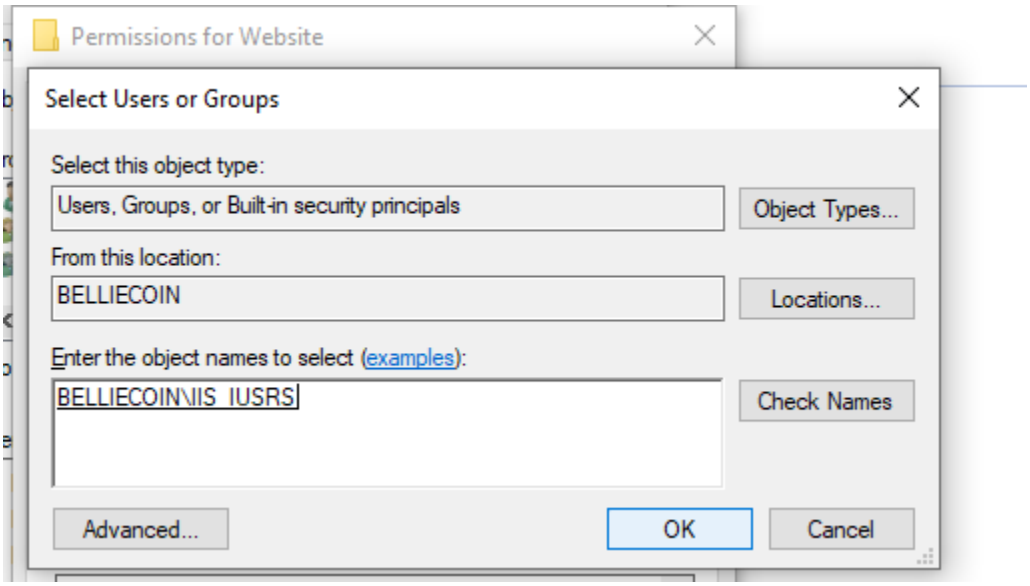

Figure 15

Enter your Computer name \ IIS_IUSRS then click on ok to add IIS_IUSRS to the list.

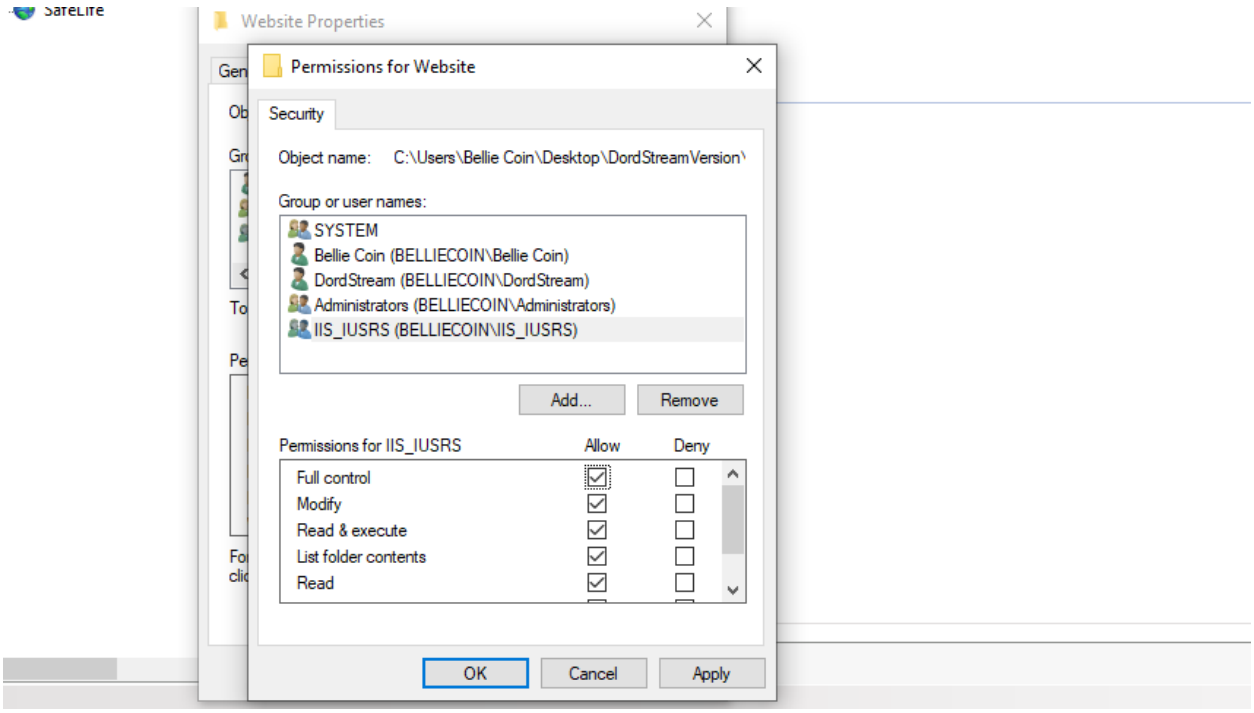

Figure 16

Select a full control to IIS_IUSRS then click on apply to complete the process.

Step 7: Database Connectivity

This is the step where we connect the application pool created to the database. Open Microsoft SQL Server Management Studio, left click on database and click new database to create a database.

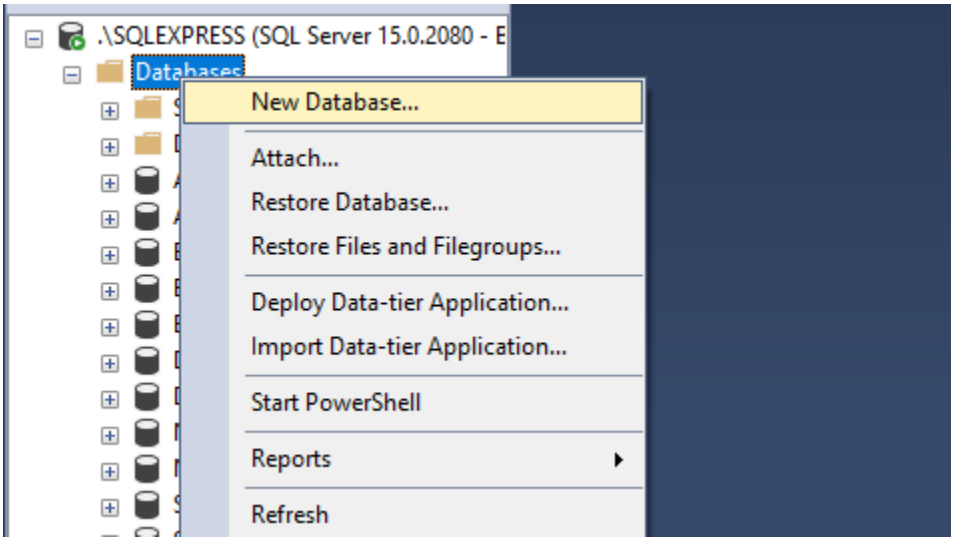

Figure 17: Microsoft SQL Server Management Studio

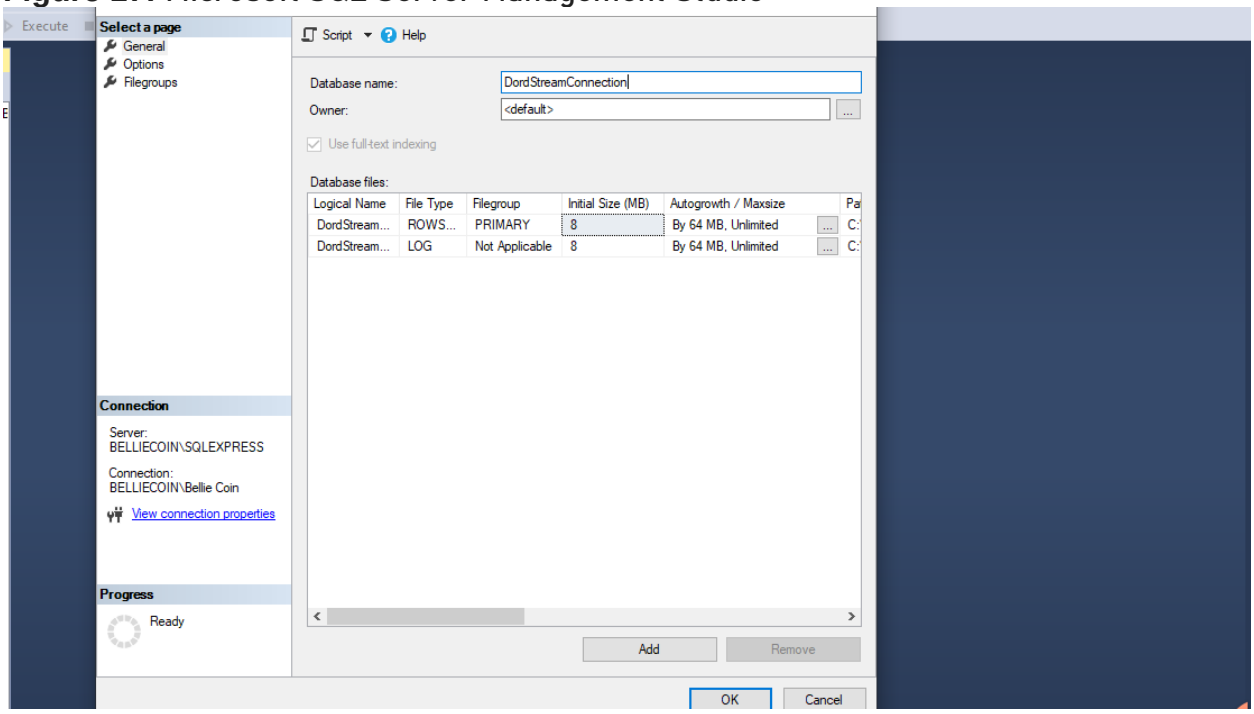

Figure 18: Microsoft SQL Server Management Studio

The add database window will open add DordStreamConnection as the database name and click on ok to create the database. The next thing is to restore the database backup.

When you open Figure 4 Database Folder, there is database backup of file named DordStreamConnection.bak in the folder.
Copy the Backup file to Local Disk (C:) =>Program Files => Microsoft SQL Server=>MSSQL15.SQLEXPRESS=>MSSQL=>Backup

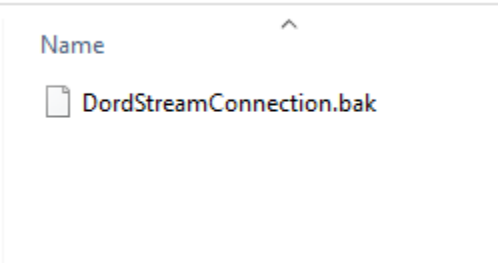

Figure 19: DordStream backup file

On Microsoft SQL Server Management Studio left click on DordStreamConnection Database which you've created, click on task, restore the database. Please follow the procedure in the pictures below to restore the backup file to the database and add application pool to the database security.

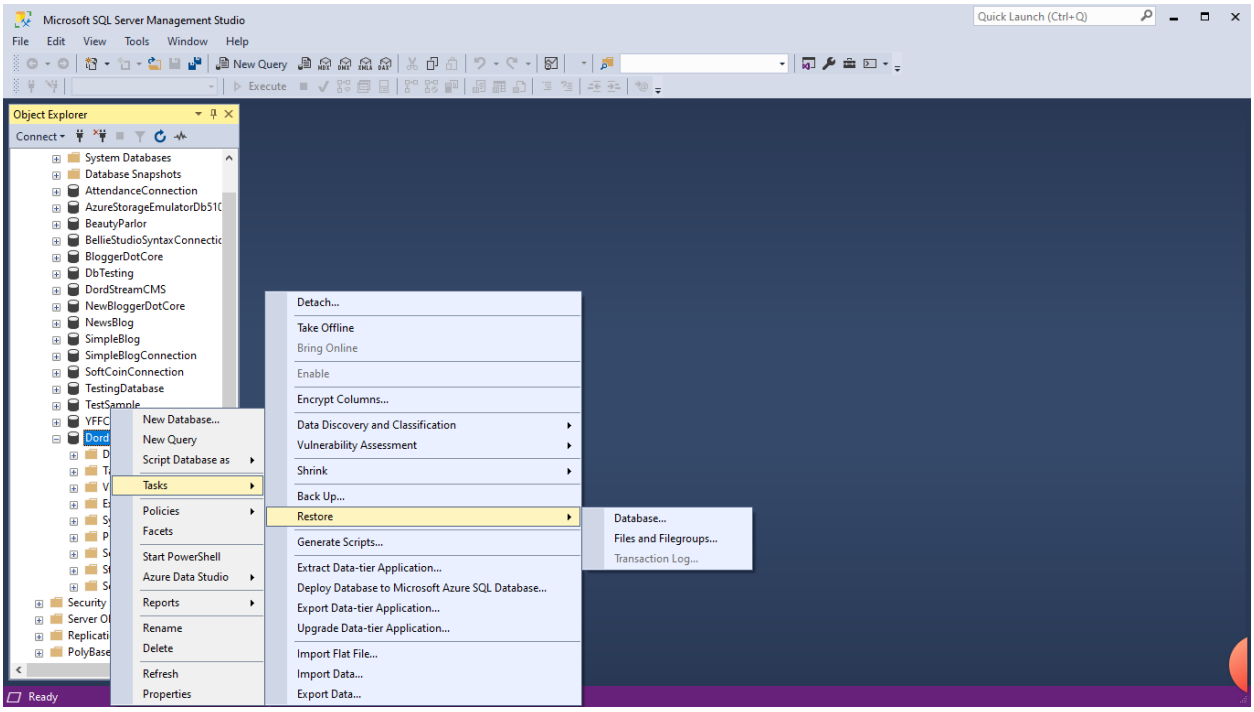

Figure 20: Microsoft SQL Server Management Studio

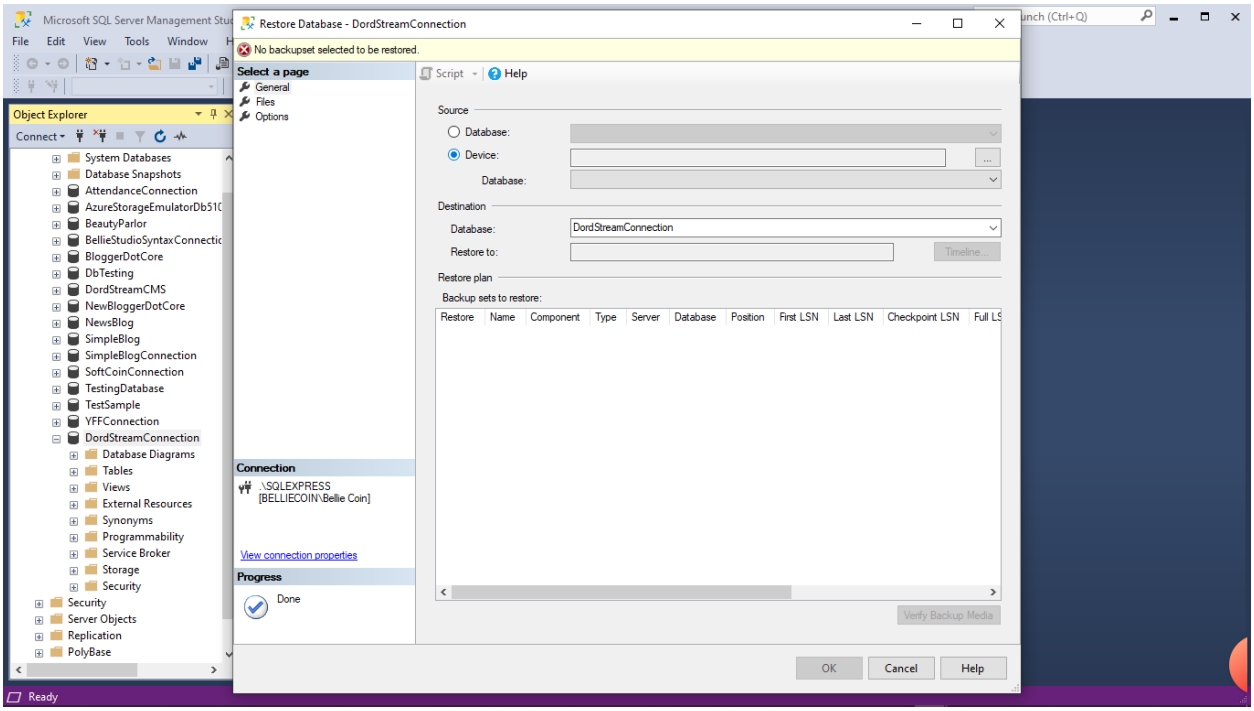

Figure 21: Microsoft SQL Server Management Studio

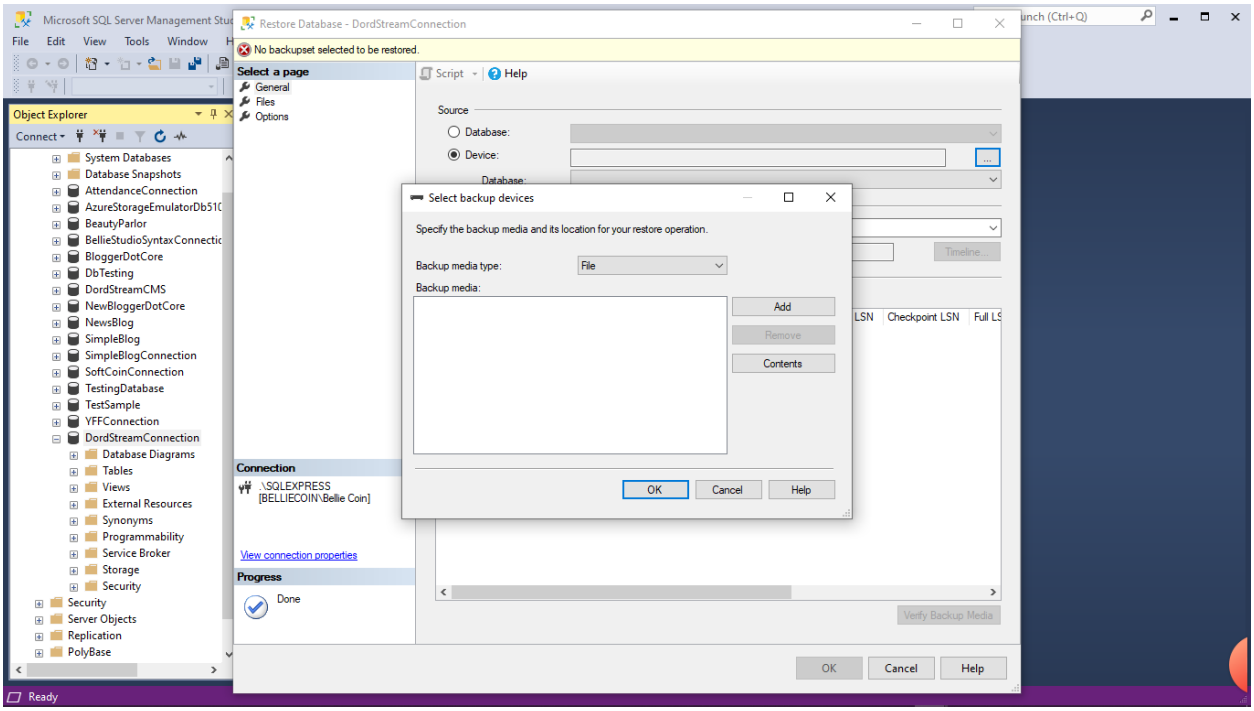

Figure 22: Microsoft SQL Server Management Studio

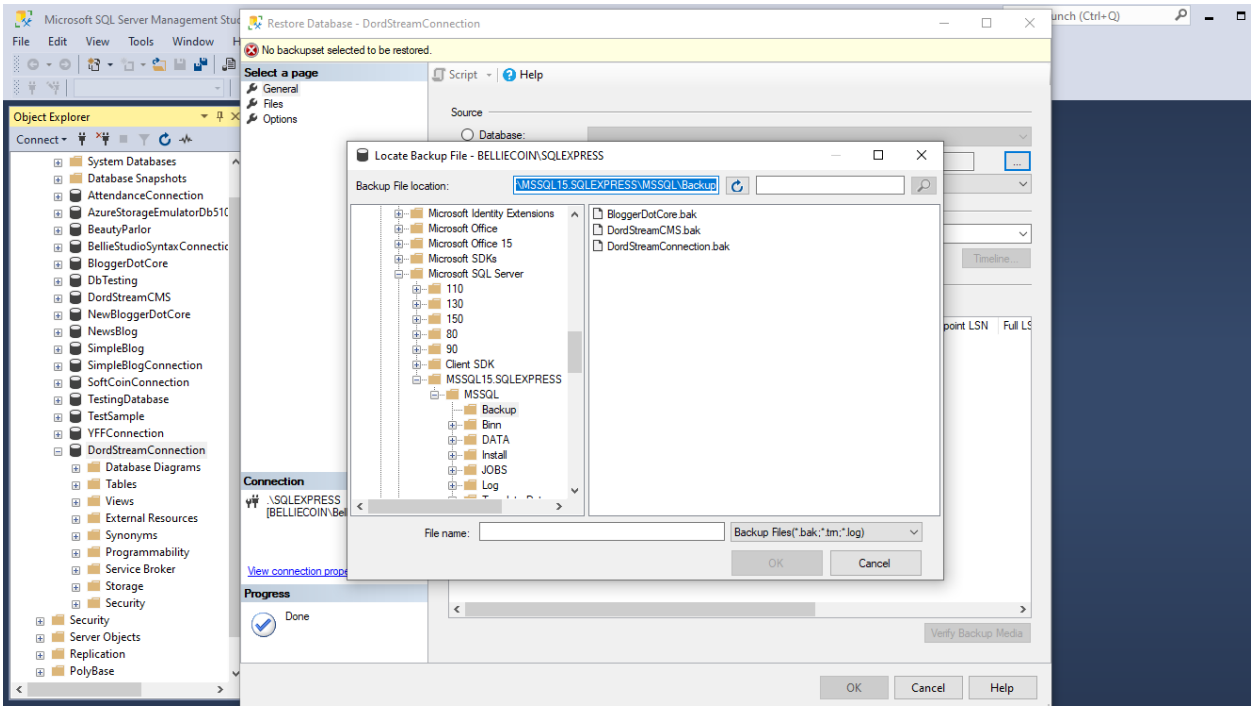

Figure 23: Microsoft SQL Server Management Studio

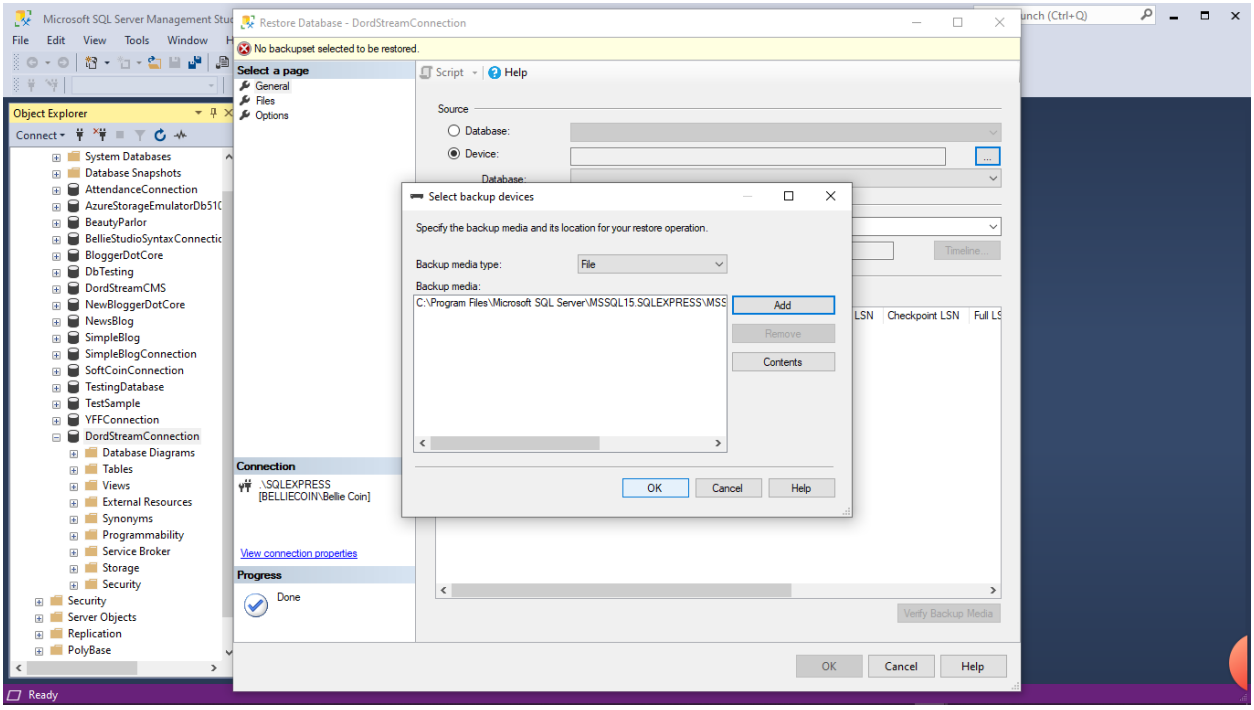

Figure 24: Microsoft SQL Server Management Studio

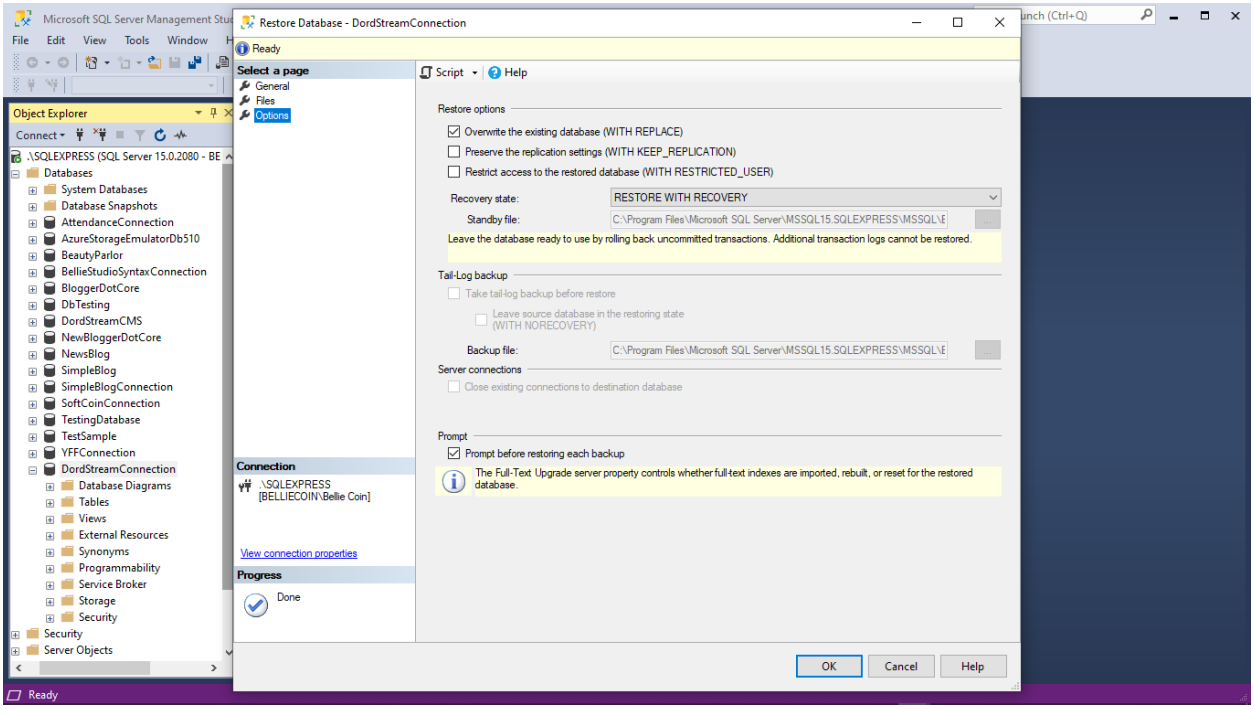

Figure 25: Microsoft SQL Server Management Studio

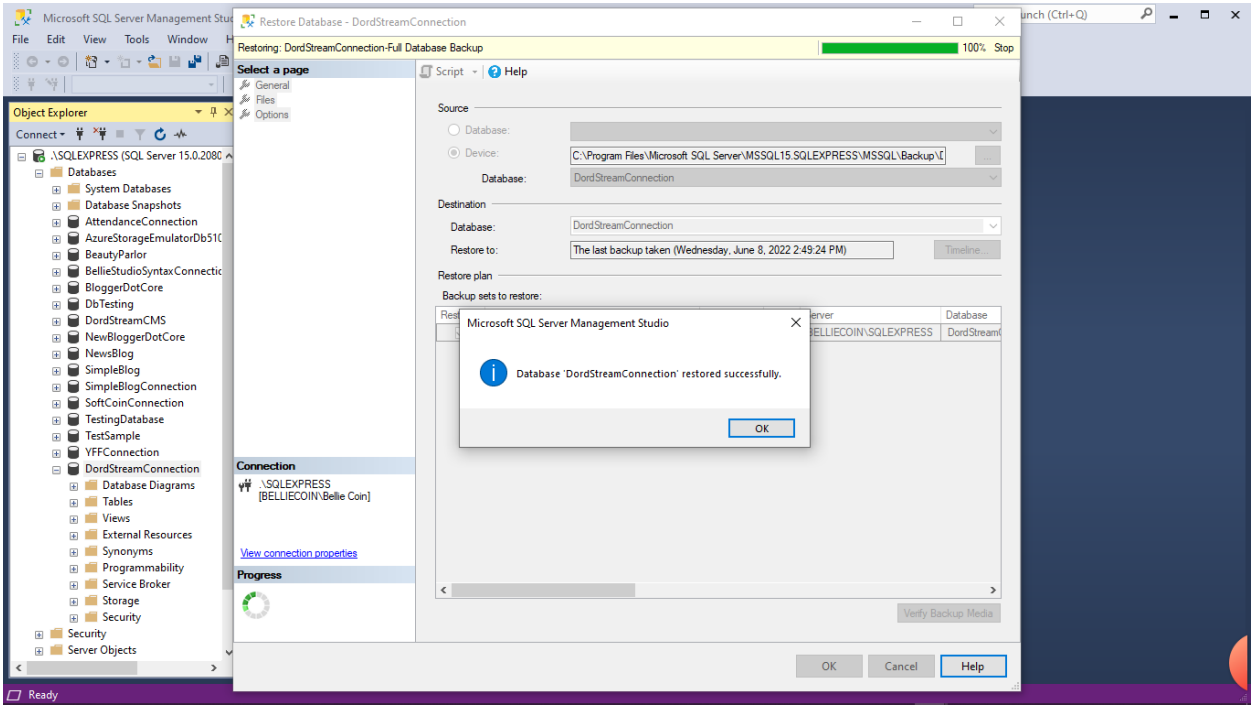

Figure 26: Microsoft SQL Server Management Studio

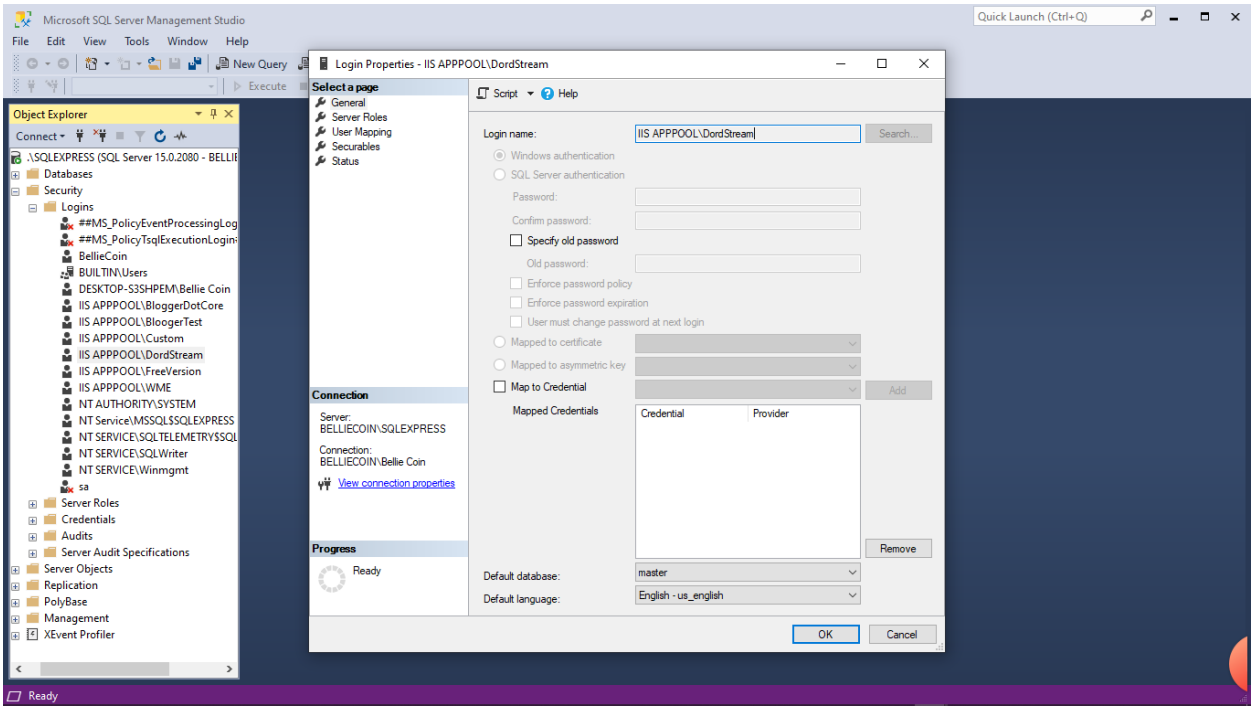

Figure 27: Microsoft SQL Server Management Studio

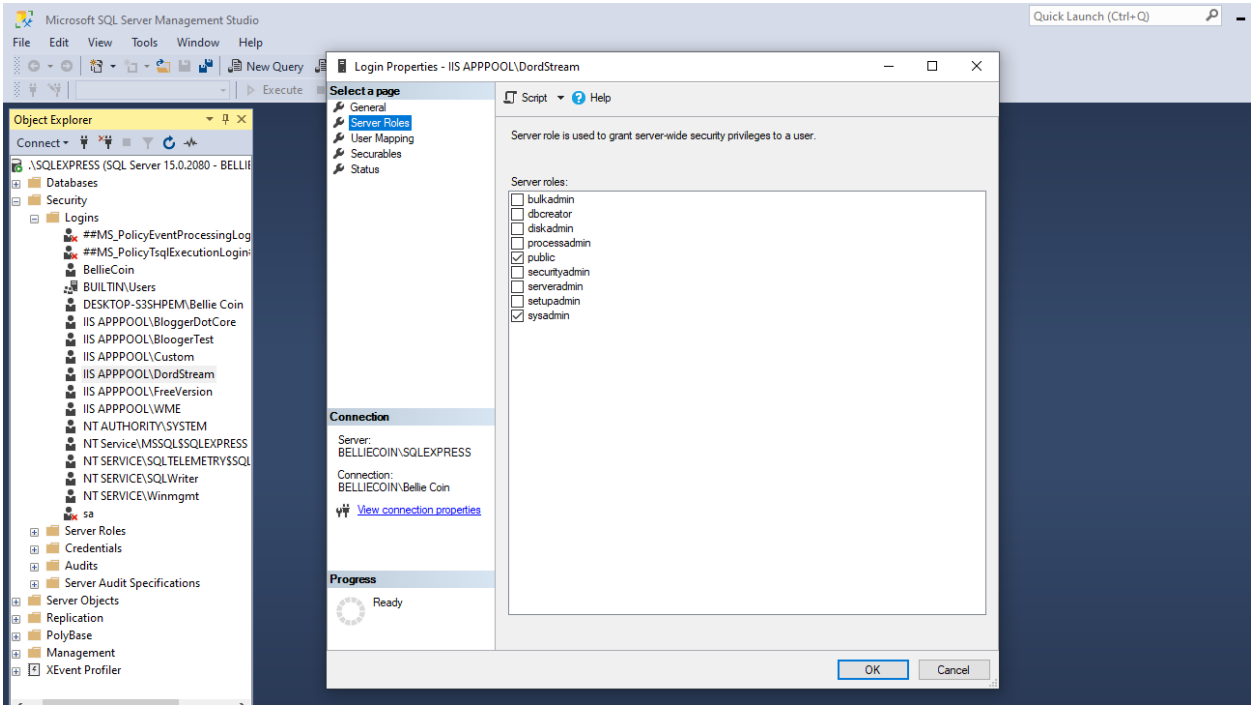

Figure 28: Microsoft SQL Server Management Studio

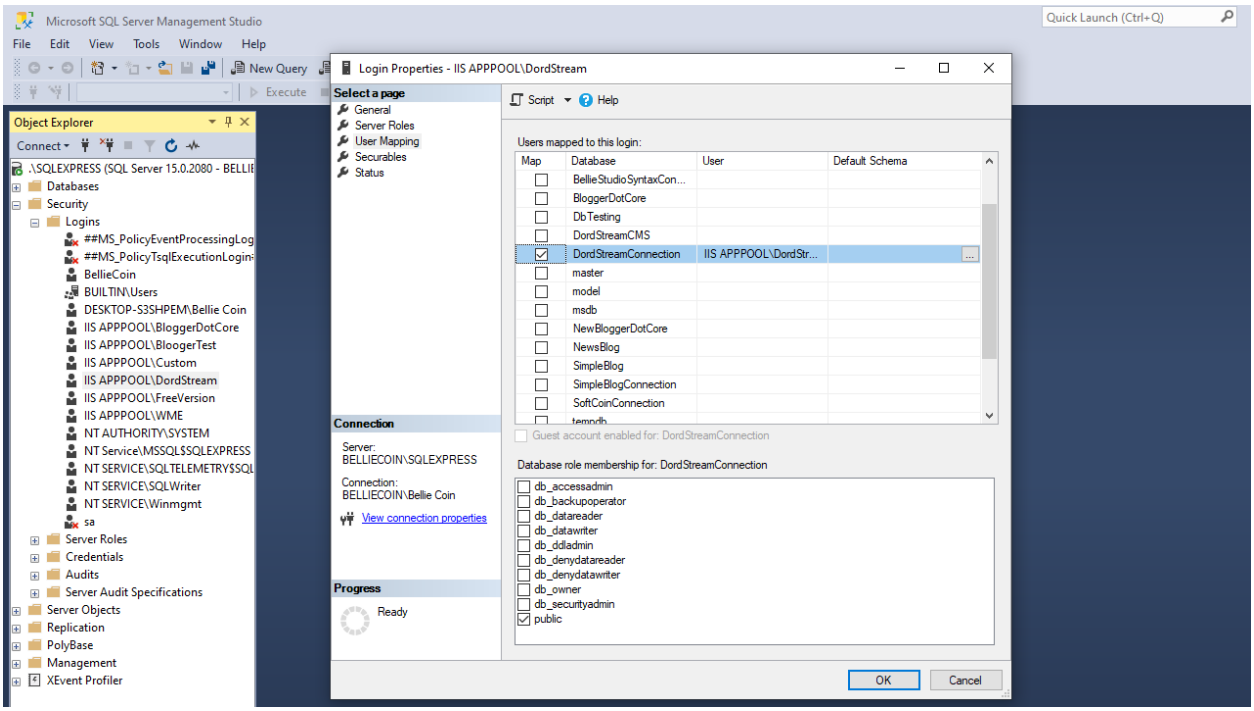

Figure 29: Microsoft SQL Server Management Studio

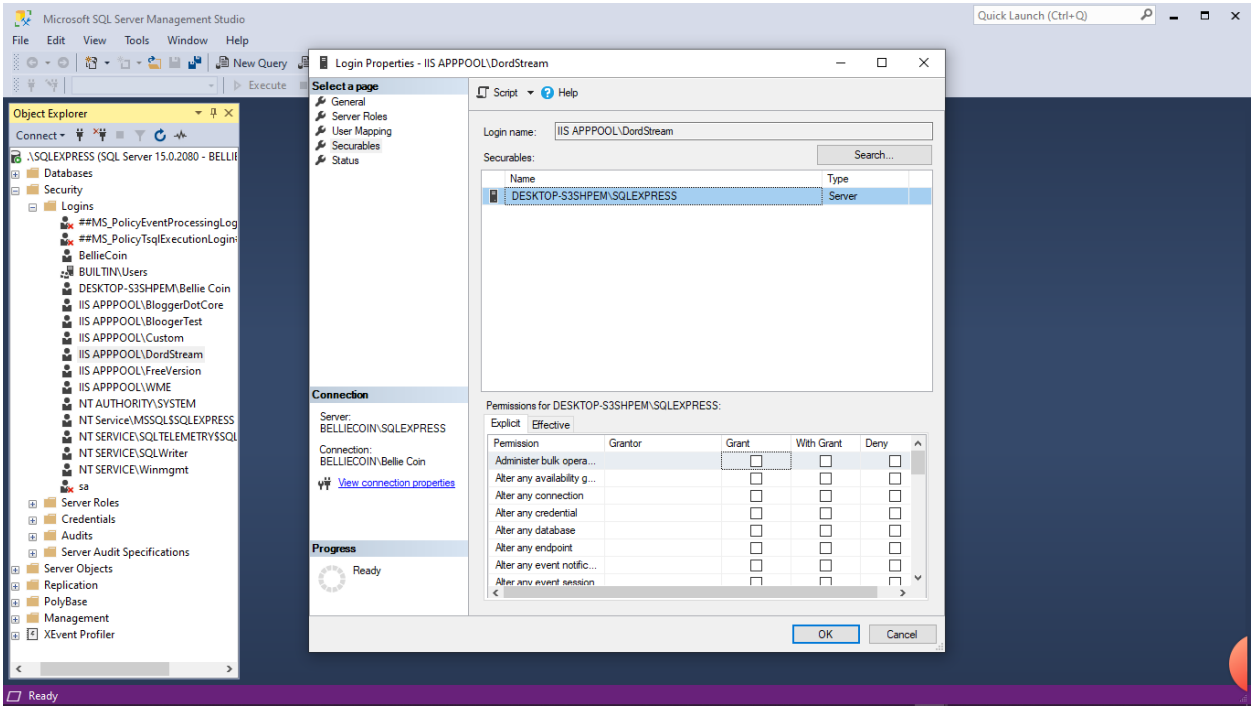

Figure 30: Microsoft SQL Server Management Studio

Step 8: Conclusion.

In the Actions panel click Browse link

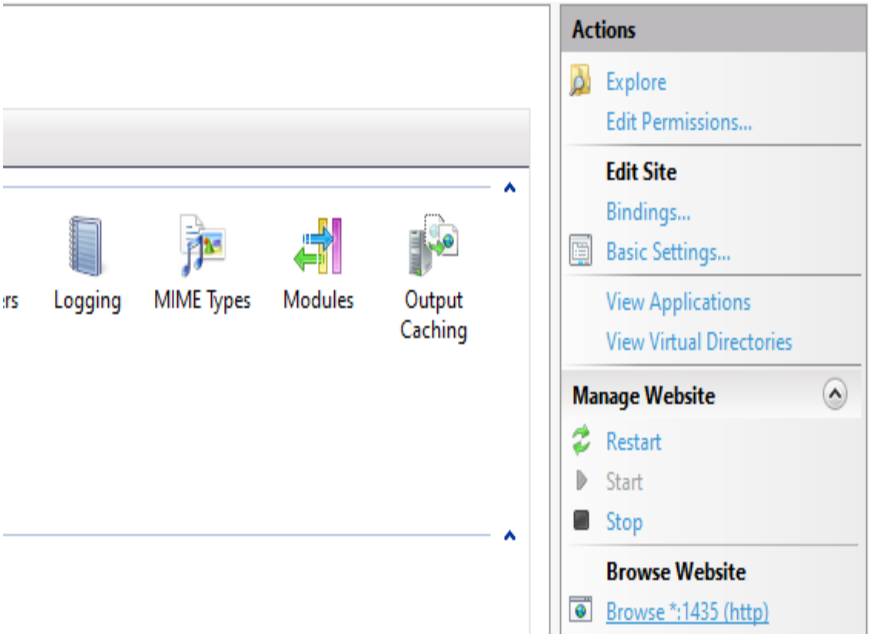

Figure 31

Now your site will appear in the browser like the following figure:

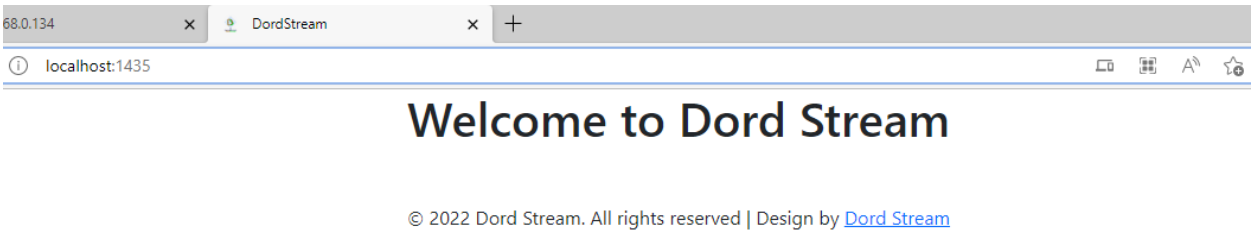

Figure 32: Browser

Now your application is ready to be browsed on your local machine.