**CommerceLink Administration 3.x Deployment**

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**Version 1.0**

**August 03, 2017**

Document Overview

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**Distribution List**

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## **Prerequisite**

To run CommerceLink Administration you need to have following tools installed and configured.

* 1. SQL Server 2014 or above
  2. Internet Information Services Manager 10 or above
  3. IIS Rewrite Module
     1. Module will be installed through the scripts detailed in the documentation.
  4. Please make sure that user has the administrative rights to perform all the deployment steps without any permission issues

## **Overview**

CommerceLink Administration consists of two projects.

1. CommerceLink Administration API
2. CommerceLink Administration App

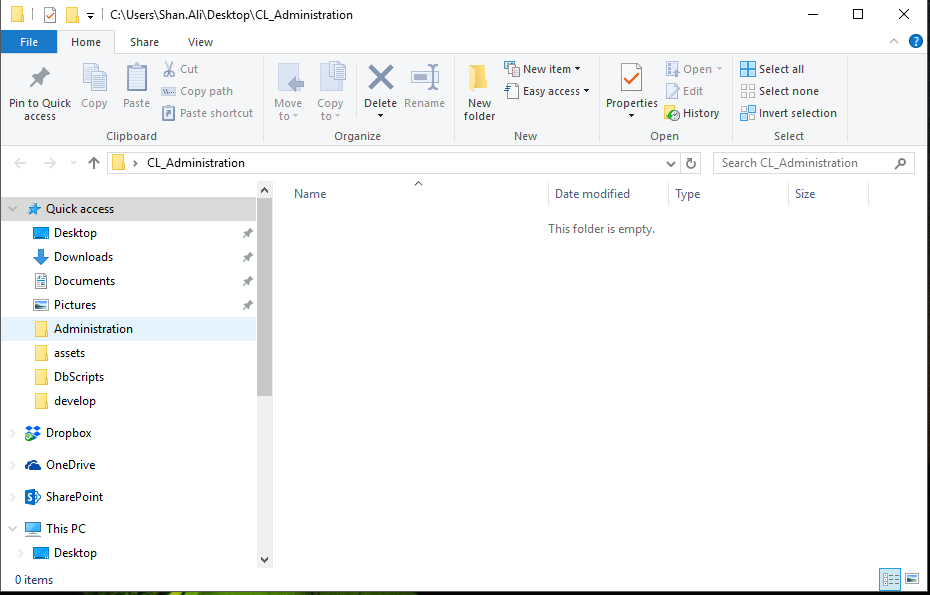
We need to deploy them both to run the CommerceLink administration on separate ports.

First, we deploy Administration API in IIS and configure the connection string with CommerceLink Database and Identity Database.

Second, we deploy Administration App in IIS and configure the API URL of Administration API in App to route all the request to API.

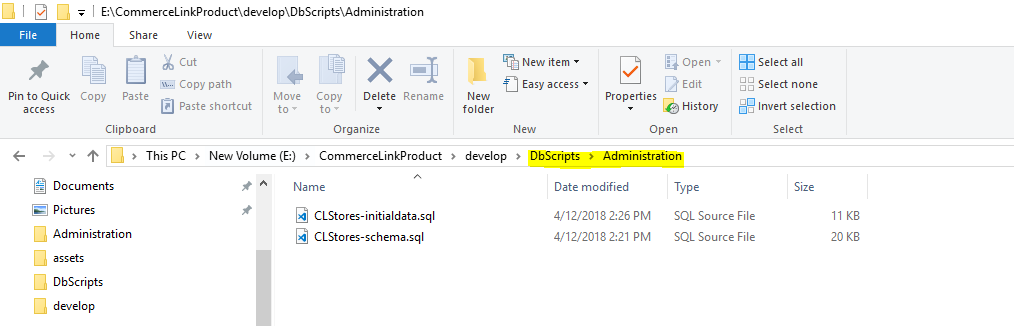
## **Create CommerceLink Administration Deployable Package**

Create CommerceLink Administration Package folder in desktop. We will be adding all the packages in this folder and then move it to required environment.

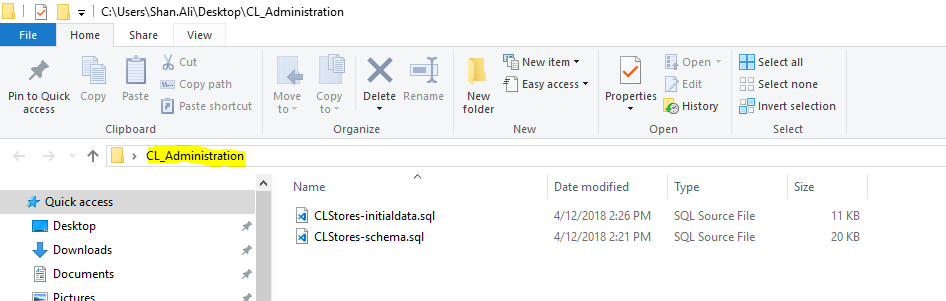


### 3.1 Copy the SQL Scripts

Copy the scripts from “DbScripts/Administration” folder to the package folder.



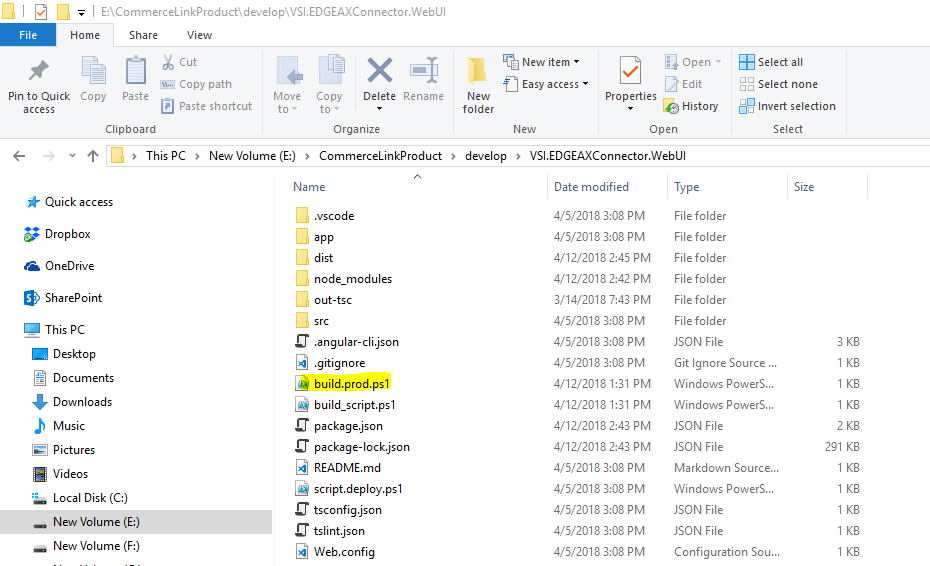
To

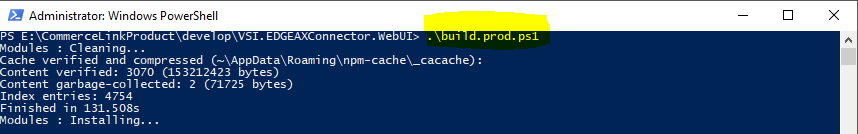


### 3.2 Build the Administration App

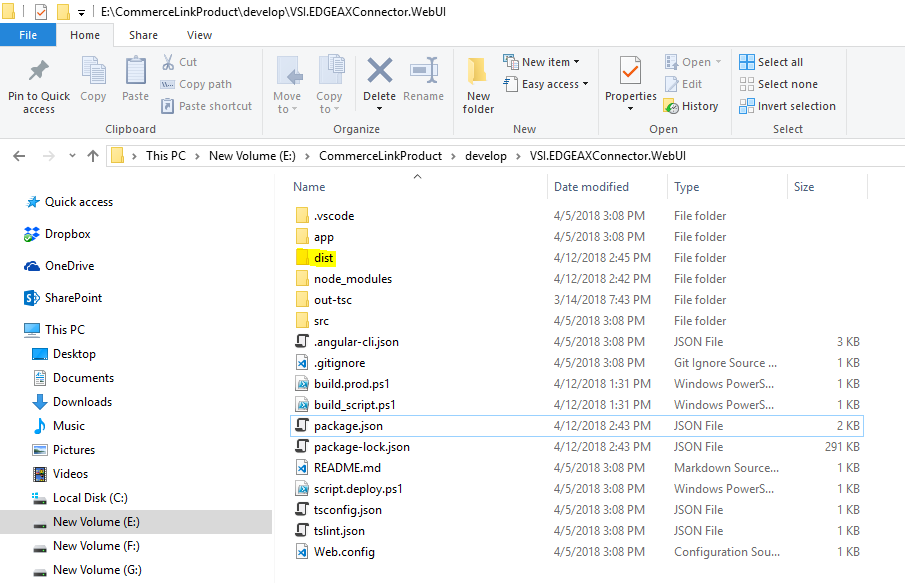
CommerceLink Administration App is available at Folder “VSI.EDGEAXConnector.WebUI”.

Open the PowerShell as Admin and script “build.prod.ps1”

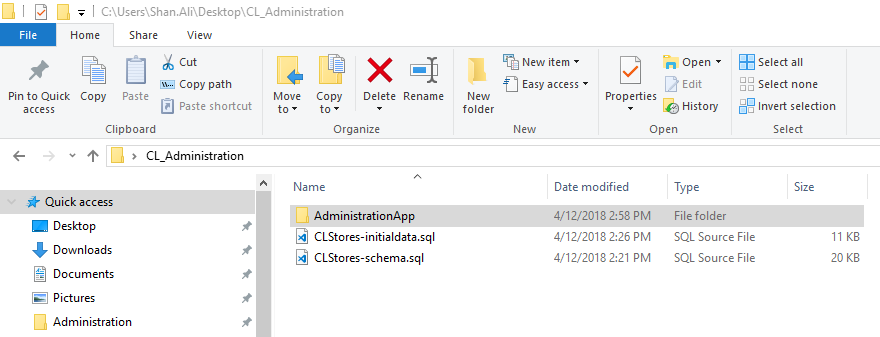




It will build the application in production mode and write the artifacts on “dist” (distribution) folder as following:



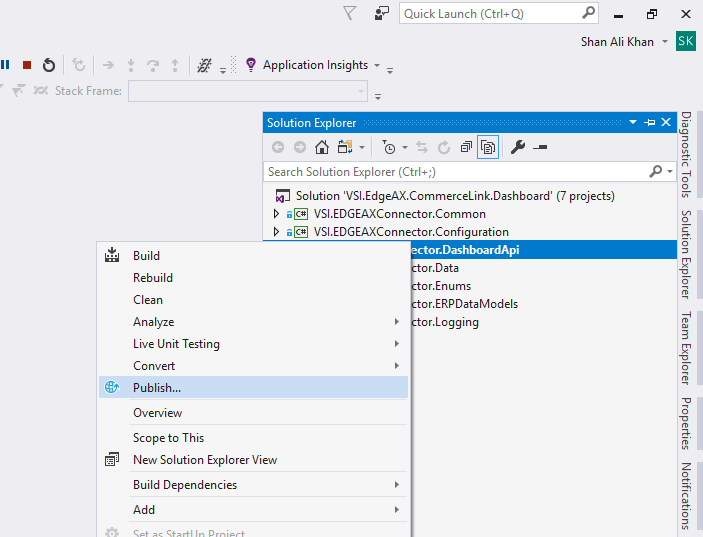
Move the distribution folder to package folder and rename it as “AdministrationApp”.



### 3.3 Publish the Administration API

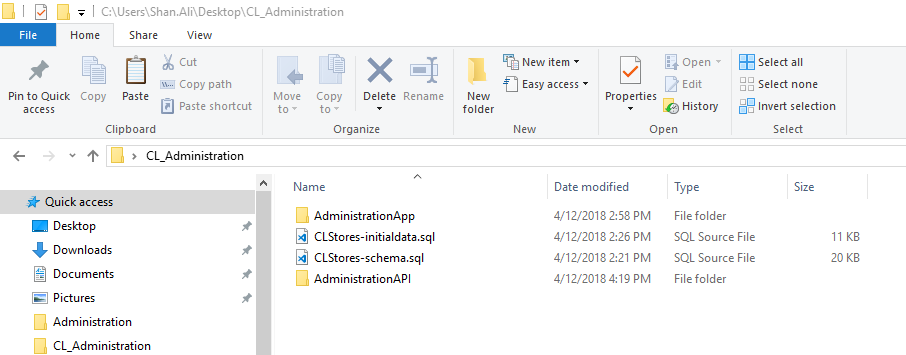
Open Dashboard solution inside Visual Studio.

Publish the VSI.EDGEAXConnector.DashboardApi Project and click Publish button to generate the artifacts on “C:\DashboardAPI” Folder.

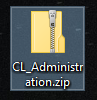


Move the artifacts to package folder and rename to “AdministrationAPI”

The CommerceLink Administration Deployable Package will be look as following:

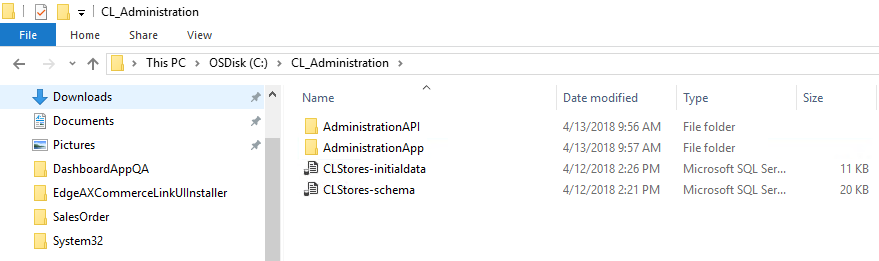


Compress the folder as ZIP File



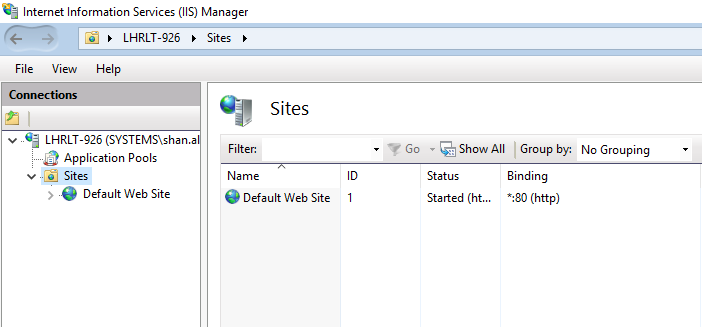
## **Deploy the Artifacts**

Un compress the in C: drive and it will look like as following:



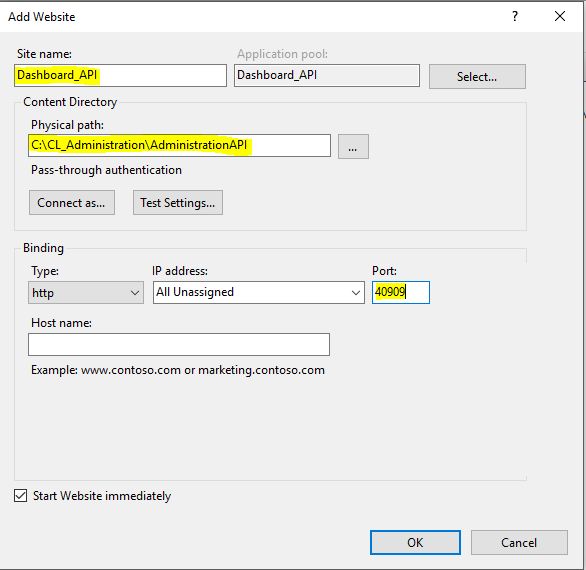
### 4.1 Deploy the Administration API

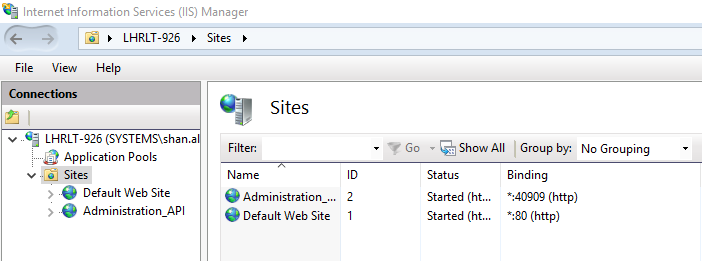
1. Open IIS



1. Right Click on Sites and Add New Site with the following settings.

Make sure the to set the port name as it will be used in App Configurations to route the requests to API – Click OK button.



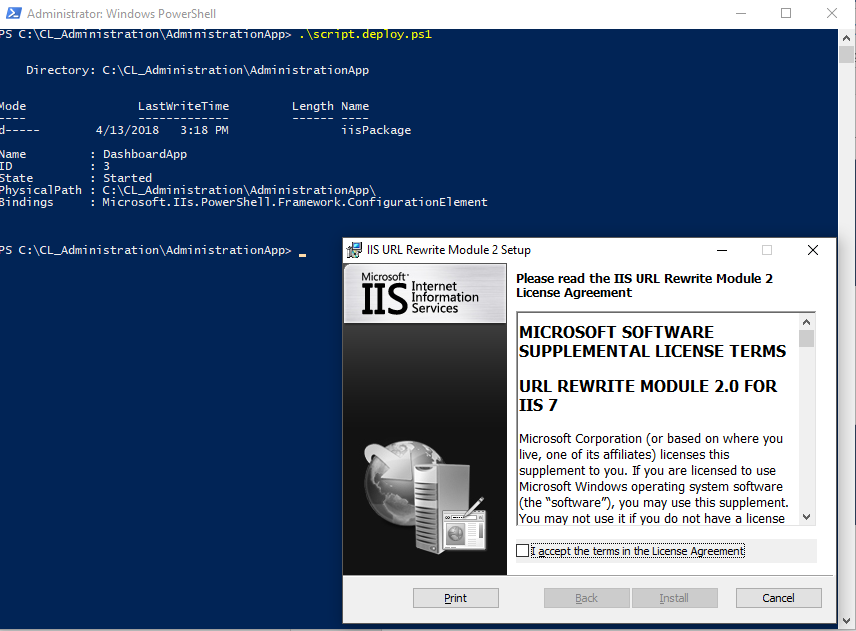


### 4.2 Deploy the Administration App

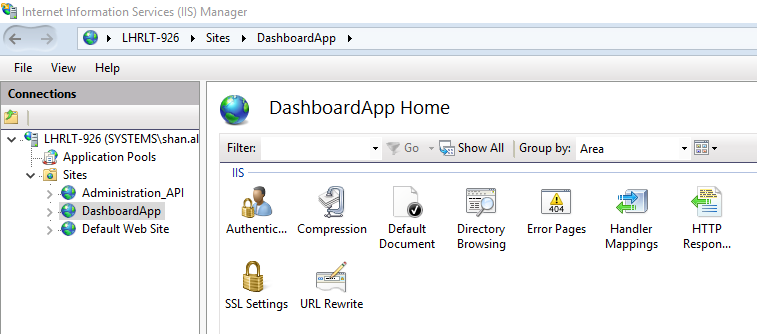
1. Open the Administration App folder in PowerShell



1. Run the script file “script.deploy.ps1”. The script will do the following things:
   1. Download the IIS Rewrite Module
   2. Run the Setup
   3. Deploy the App on IIS

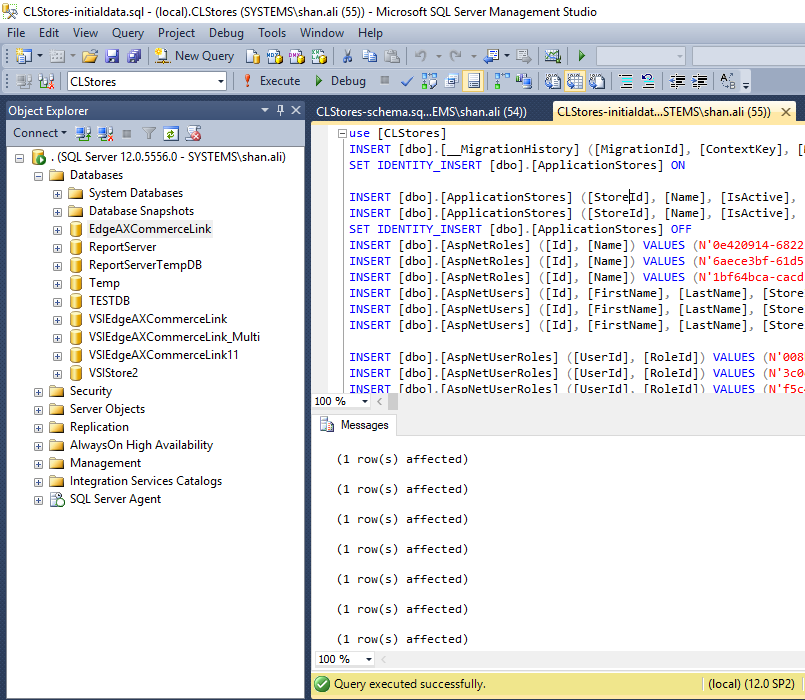


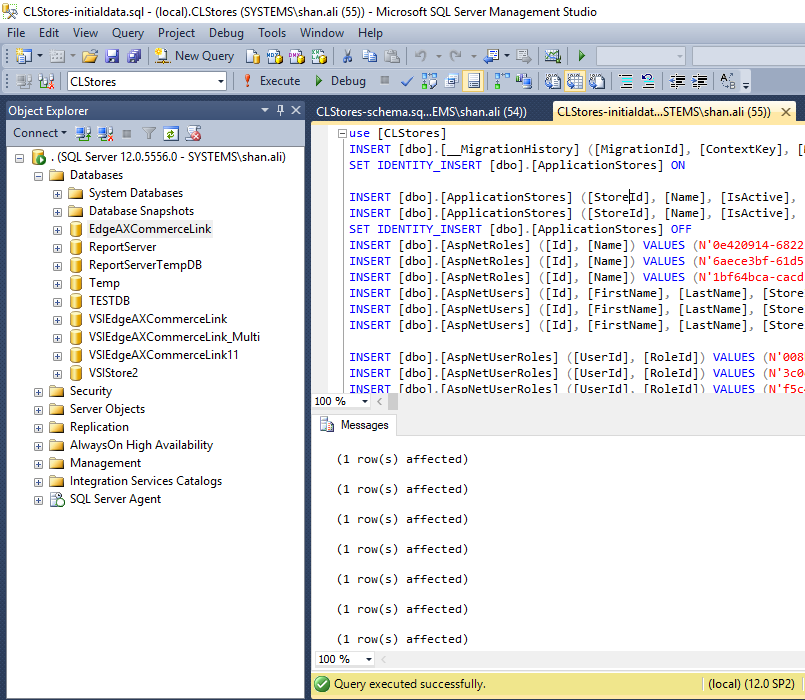
1. Install the Rewrite Module for the first time – If module is already installed, cancel the setup.
2. Verify the App Deployed on IIS – on **Port 5680** 
   1. Change the Required port if required from IIS



### 4.3 Run the DB Scripts

1. Open the SQL Server Management Studio
   1. Run the Scripts in the following order
      1. CLStores\_schema.sql
      2. CLStores\_initialdata.sql

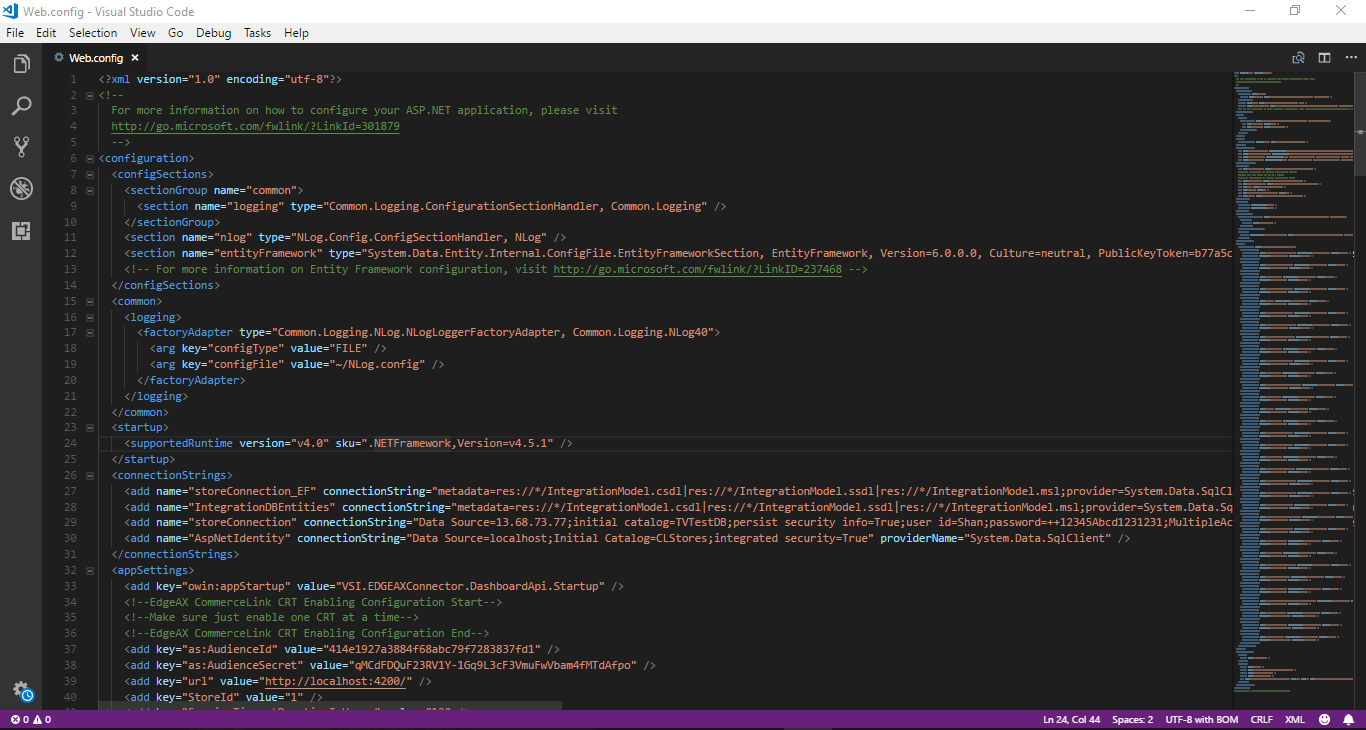




## **Configurations**

### 5.1 Administration API Configurations

1. Open the Web.config file inside API Package



1. Change the connection strings of the following:

<connectionStrings>

<add name="storeConnection\_EF" connectionString="metadata=res://\*/IntegrationModel.csdl|res://\*/IntegrationModel.ssdl|res://\*/IntegrationModel.msl;provider=System.Data.SqlClient;provider connection string=&quot;data source=13.68.73.77;initial catalog=TVTestDB;persist security info=True;user id=Shan;password=++12345Abcd1231231;MultipleActiveResultSets=True;App=EntityFramework&quot;" providerName="System.Data.EntityClient" />

<add name="IntegrationDBEntities" connectionString="metadata=res://\*/IntegrationModel.csdl|res://\*/IntegrationModel.ssdl|res://\*/IntegrationModel.msl;provider=System.Data.SqlClient;provider connection string=&quot;data source=13.68.73.77;initial catalog=TVTestDB;persist security info=True;user id=Shan;password=++12345Abcd1231231;MultipleActiveResultSets=True;App=EntityFramework&quot;" providerName="System.Data.EntityClient" />

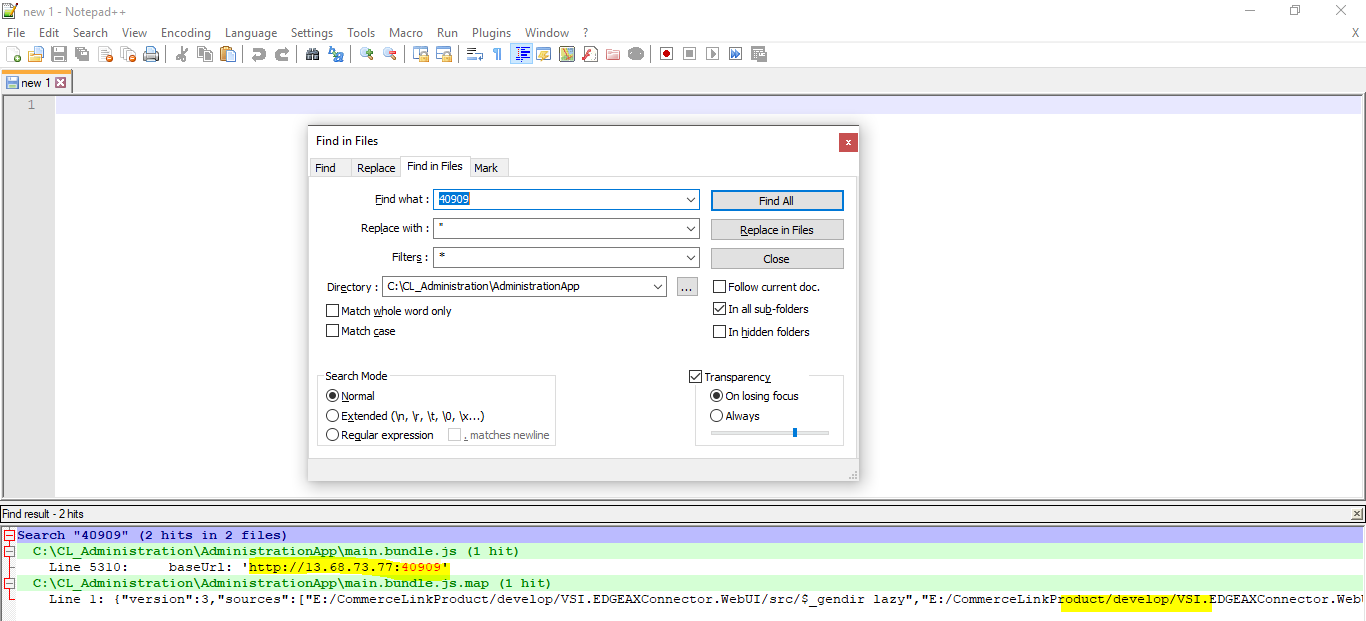
<add name="storeConnection" connectionString="Data Source=13.68.73.77;initial catalog=TVTestDB;persist security info=True;user id=Shan;password=++12345Abcd1231231;MultipleActiveResultSets=True;" providerName="System.Data.EntityClient" />

<add name="AspNetIdentity" connectionString="Data Source=localhost;Initial Catalog=CLStores;integrated security=True" providerName="System.Data.SqlClient" />

</connectionStrings>

### 5.2 Administration APP Configurations

1. Open the Administration App Folder and copy the path and search the string “40909” inside using notepad from the folder, you will get the following files.



Change the baseURL values from both files to API Path.

The deployment of administration is complete.

