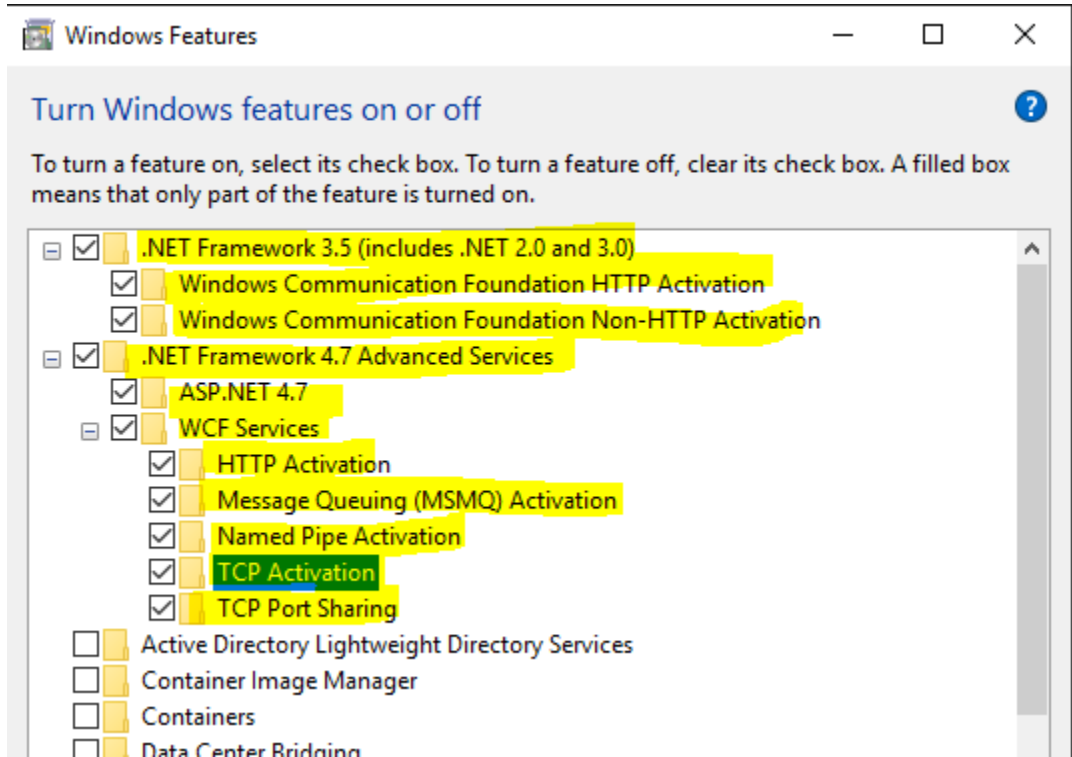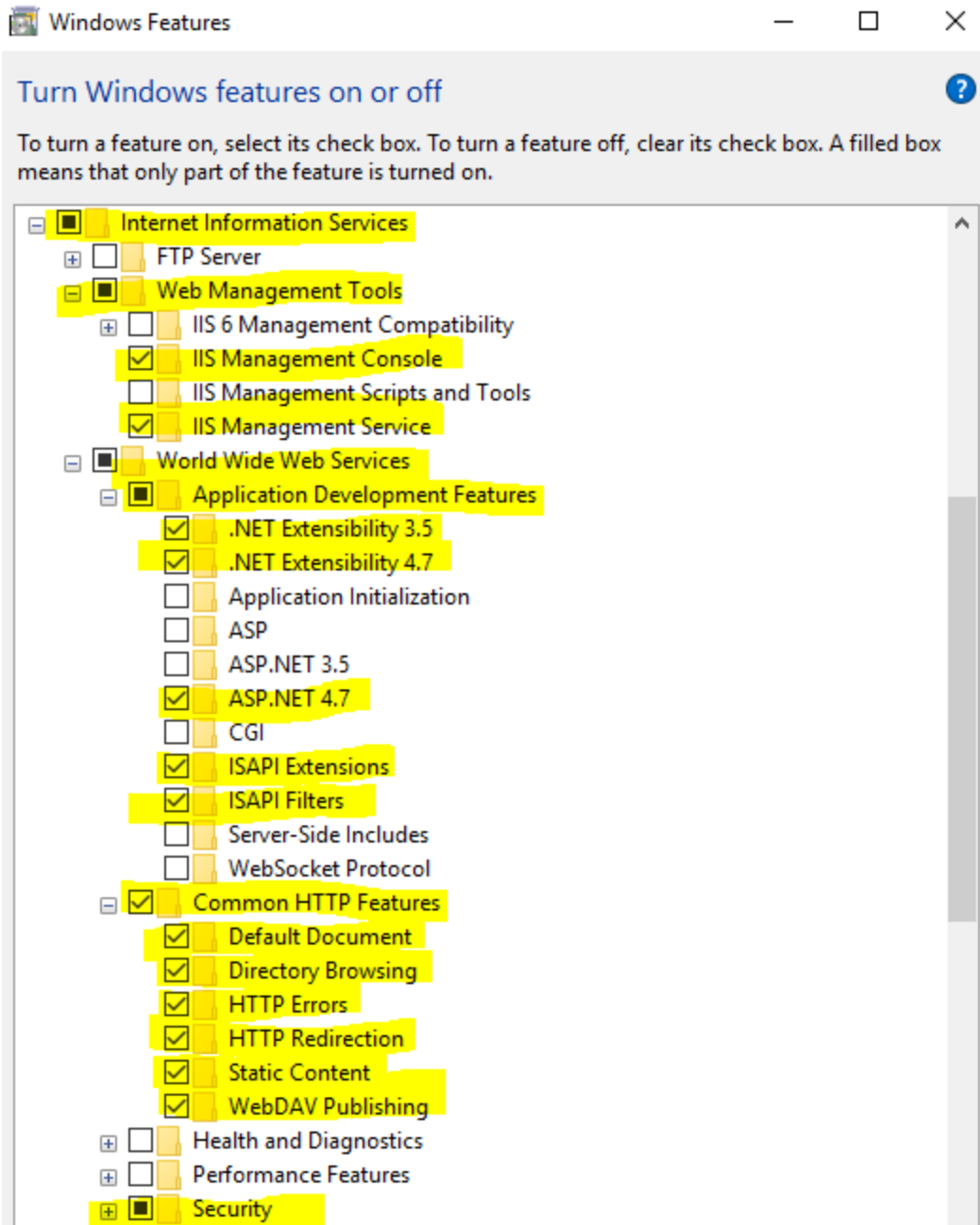BBS LOCALHOST INSTALLATION

1. Locate windows feature by following the following path,
   Control Panel > Programs>Turn Windows feature on or off>Window feature
2. Choose the features needed for installation by selecting the highlighted features located
   on the pictures below. User can choose the features by clicking on the checkbox.
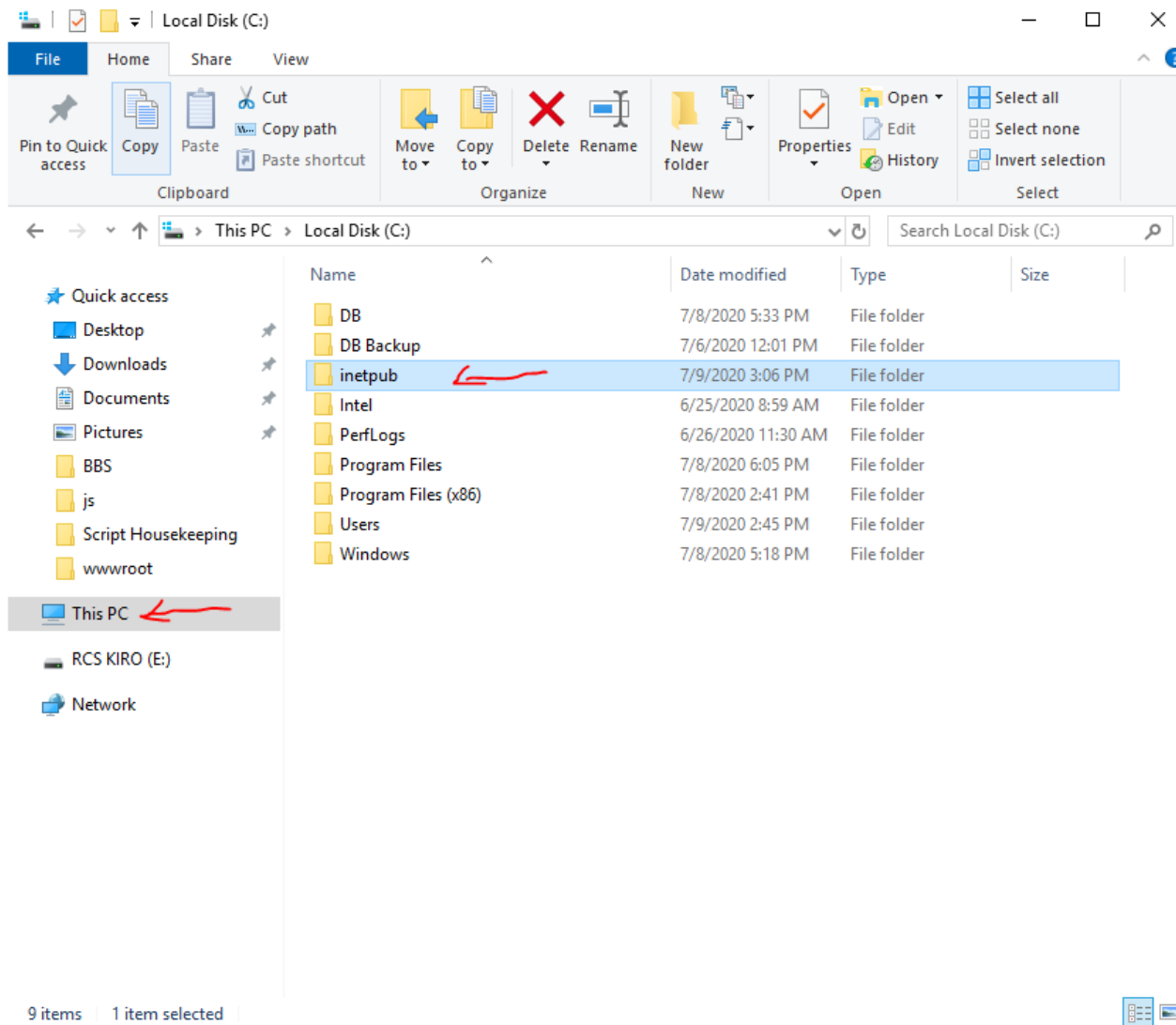

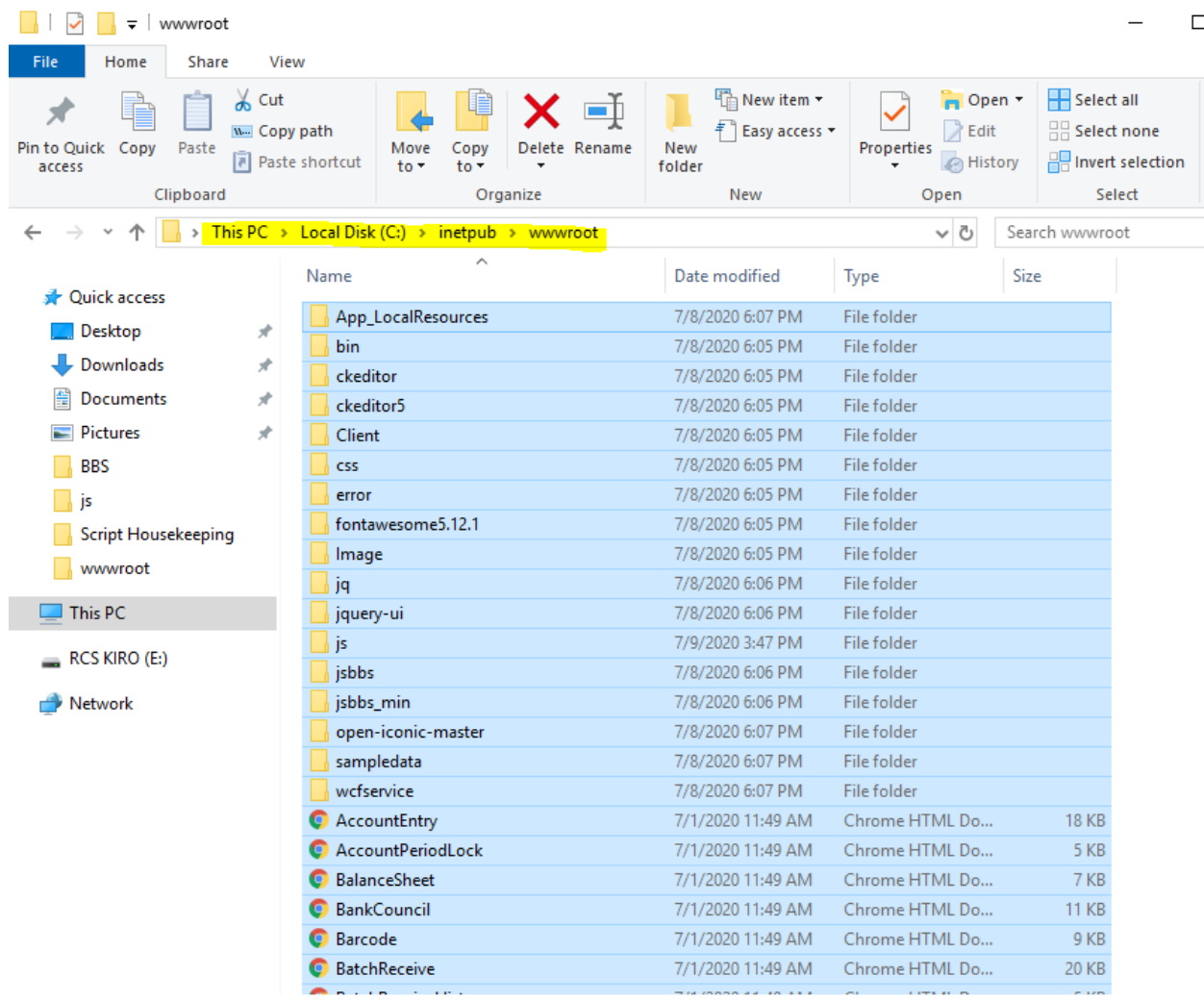Picture 1.1 shows the features highlighted that need to be used on installation

Picture 1.2 shows the features highlighted that need to be used on installation.

3. After finished installing the features, a folder named "inetpub" will exist in Local Disk C.
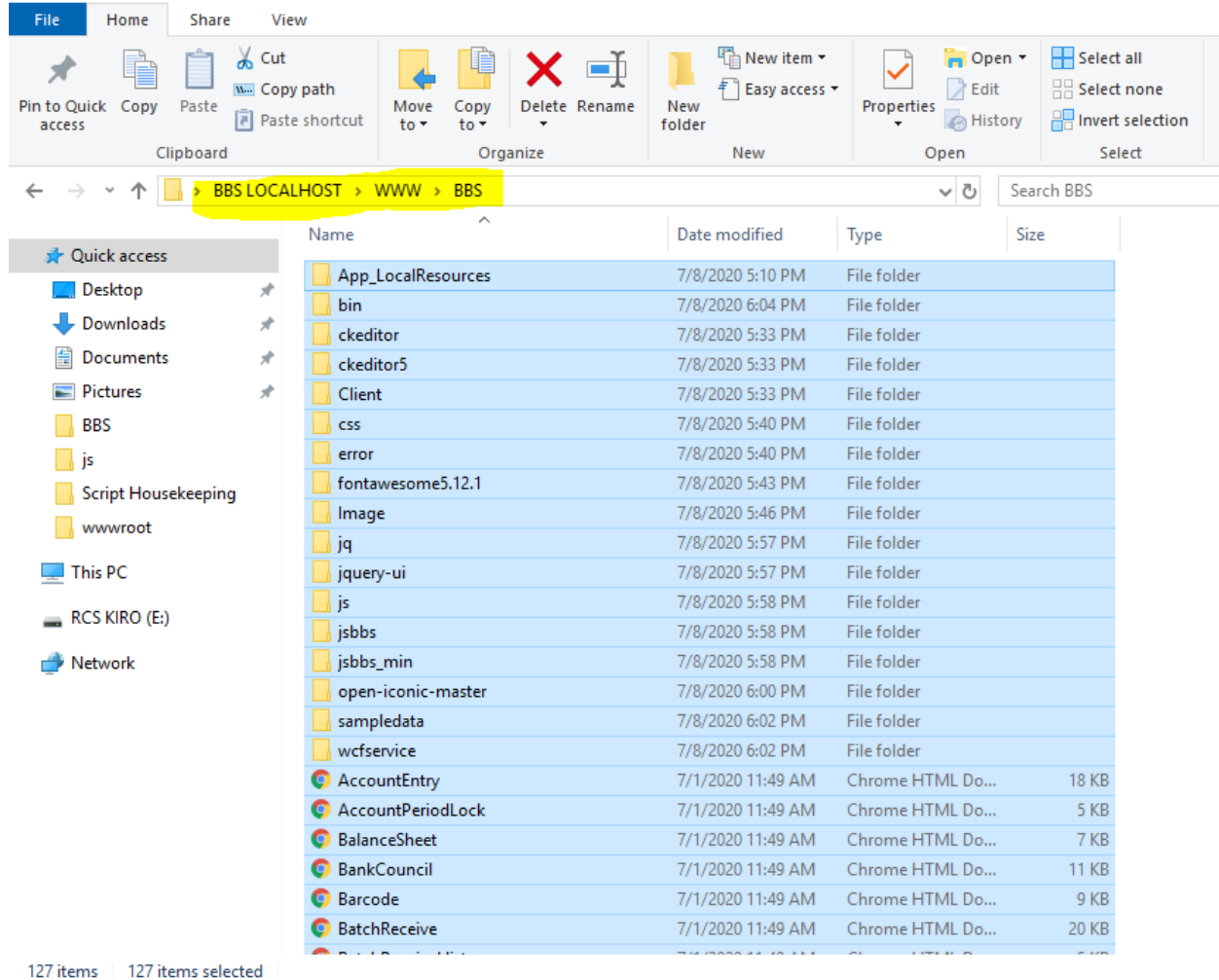

Picture 1.3 shows the location and name of the newly created folder.

4. Go through the following path: Local Disk C > inetpub > wwwroot.
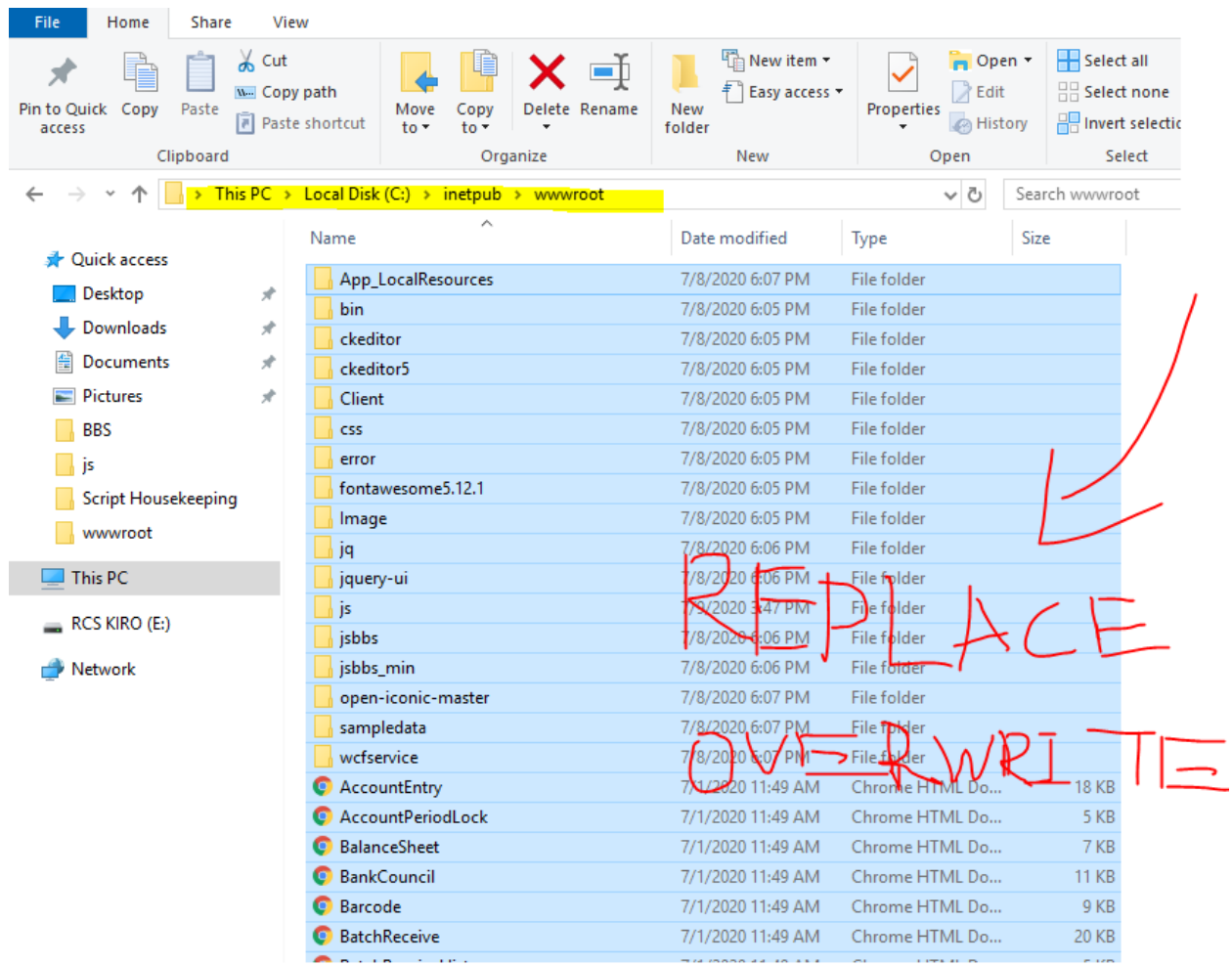5. Delete all the folders and files inside wwwroot.

Picture 1.4 shows the user delete the files in wwwroot folder. ©

6. Go through the following path: BBS LOCALHOST> WWW > BBS.
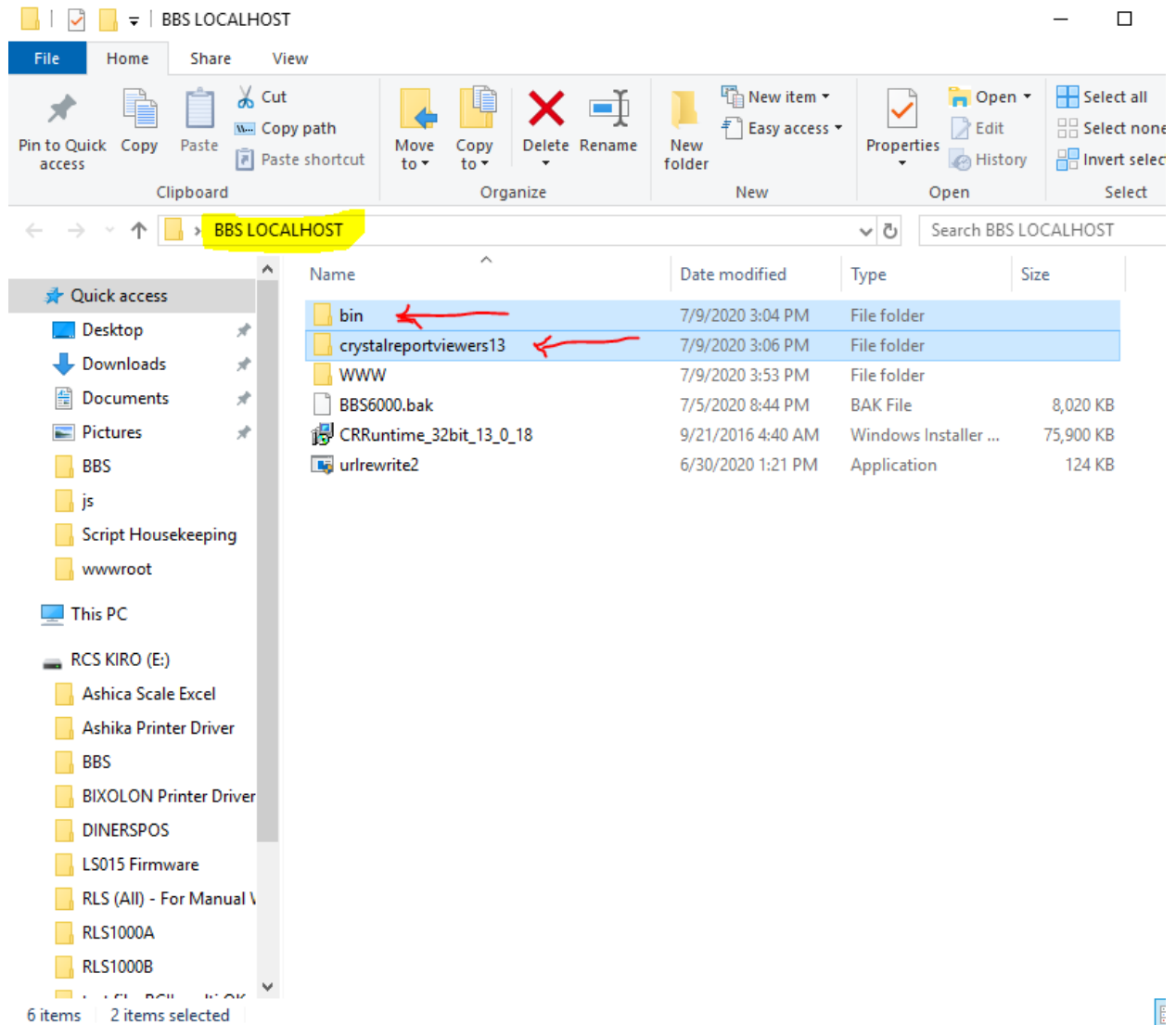7. Select all the files and copy the files.

Picture 1.5 shows the folders copied from BBS LOCALHOST> WWW > BBS.
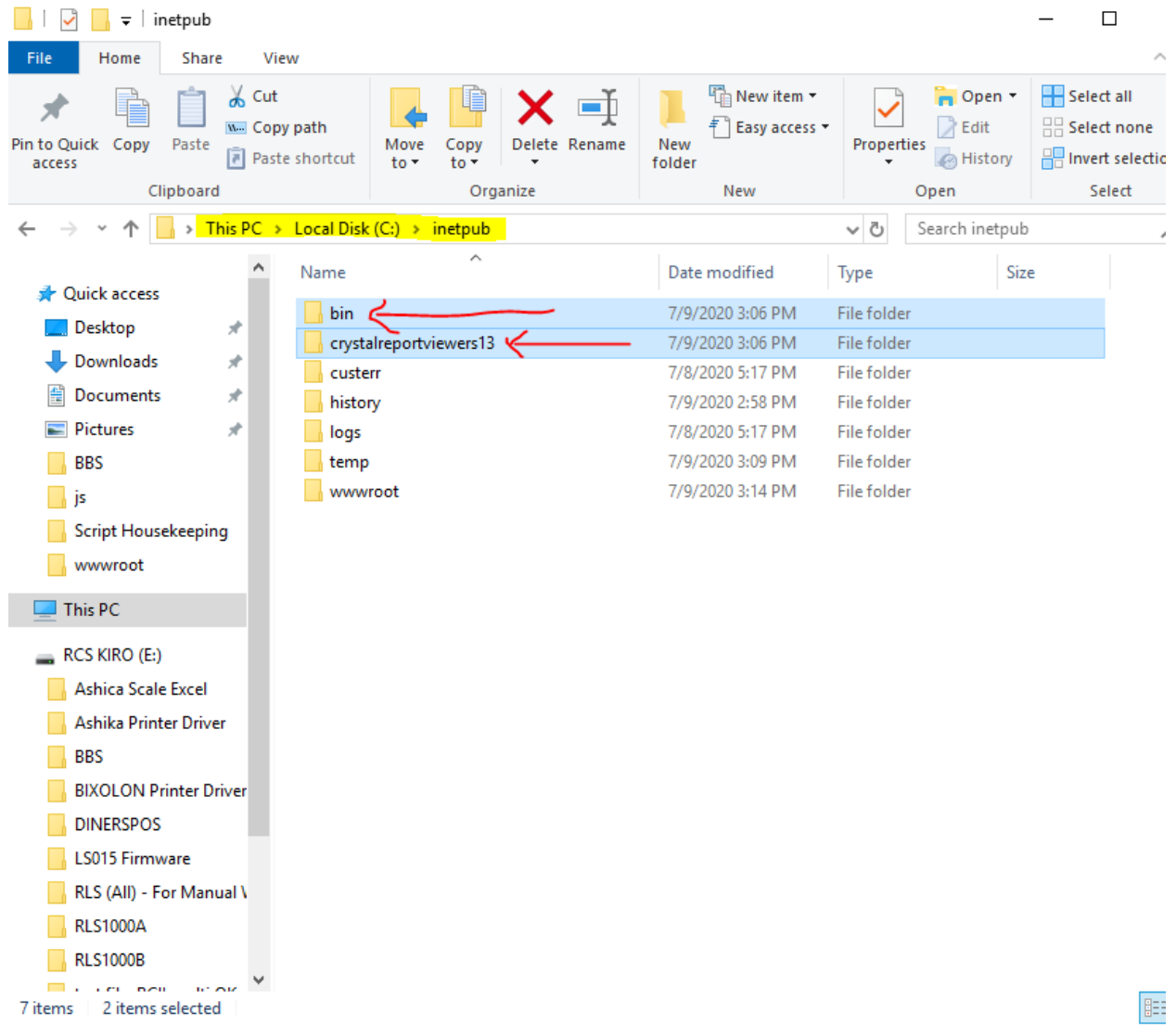
8. Paste the folders on Local Disk C > inetpub > wwwroot.

Picture 1.6 shows the folders are replaced and overwritten.

9. Go to BBS LOCALHOST and copy the 2 folders, which are Bin and Crystalreportviewers13.
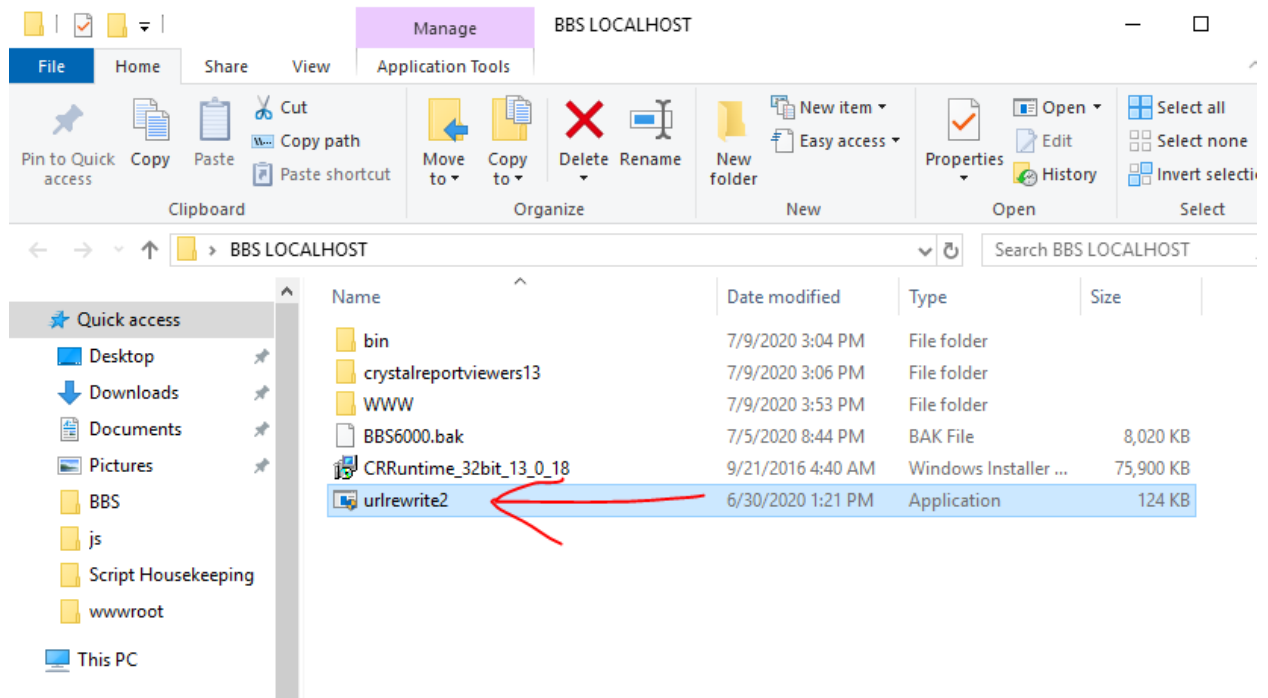
Picture 1.7 shows the 2 folders needed to be copied
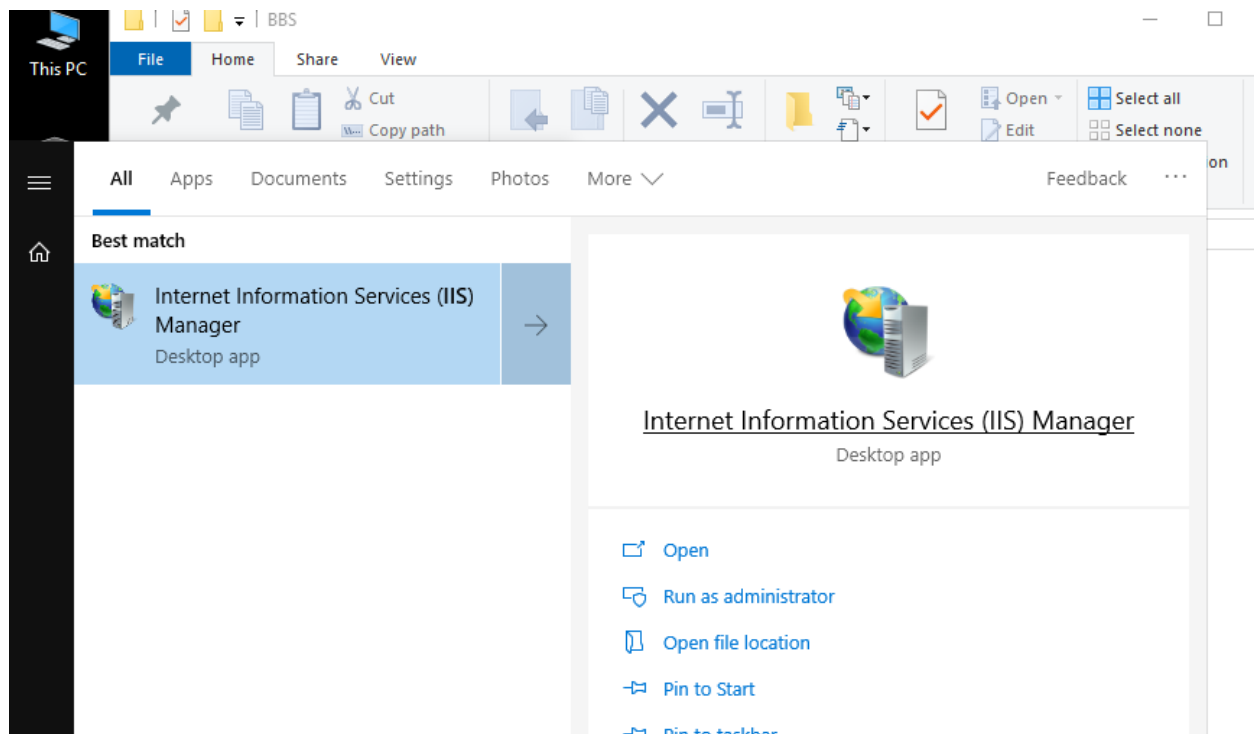
10. Paste and replace the same folders in inetpub.

Picture 1.8 shows the files are being replaced.

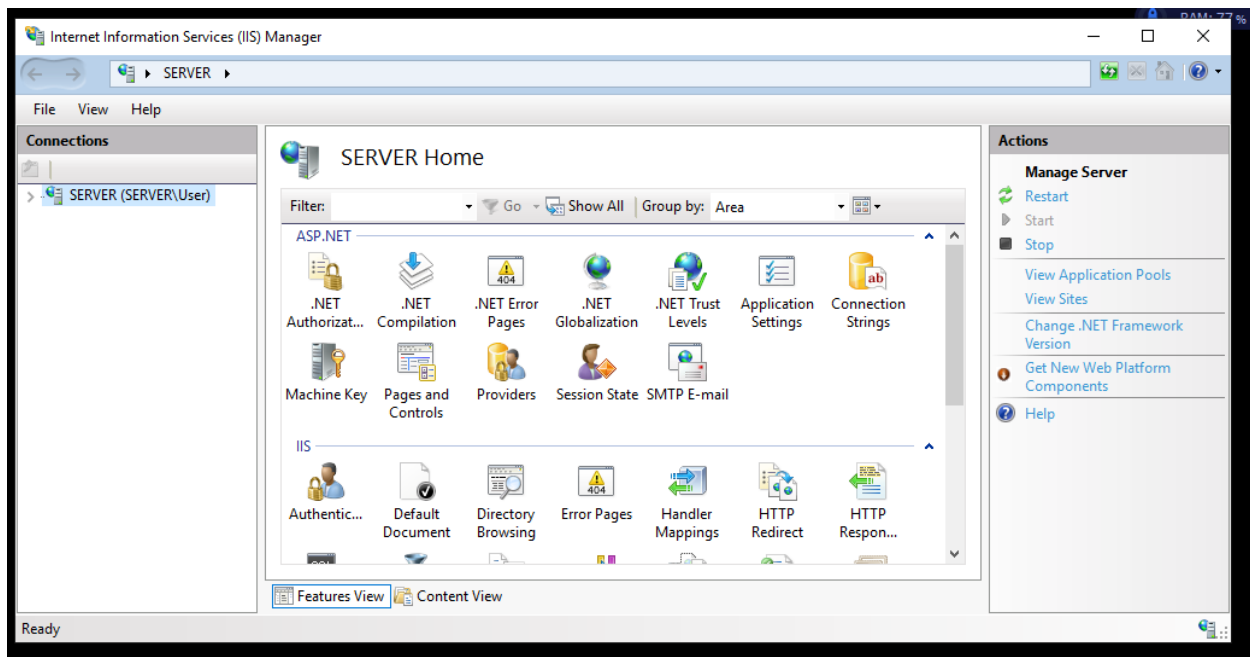11. Go to BBS LOCALHOST and install "urlrewrite2.exe"

Picture 1.9 shows the application that needs to be installed.

12. Go to Windows Start Menu and search Internet Information Services (IIS) Manager.
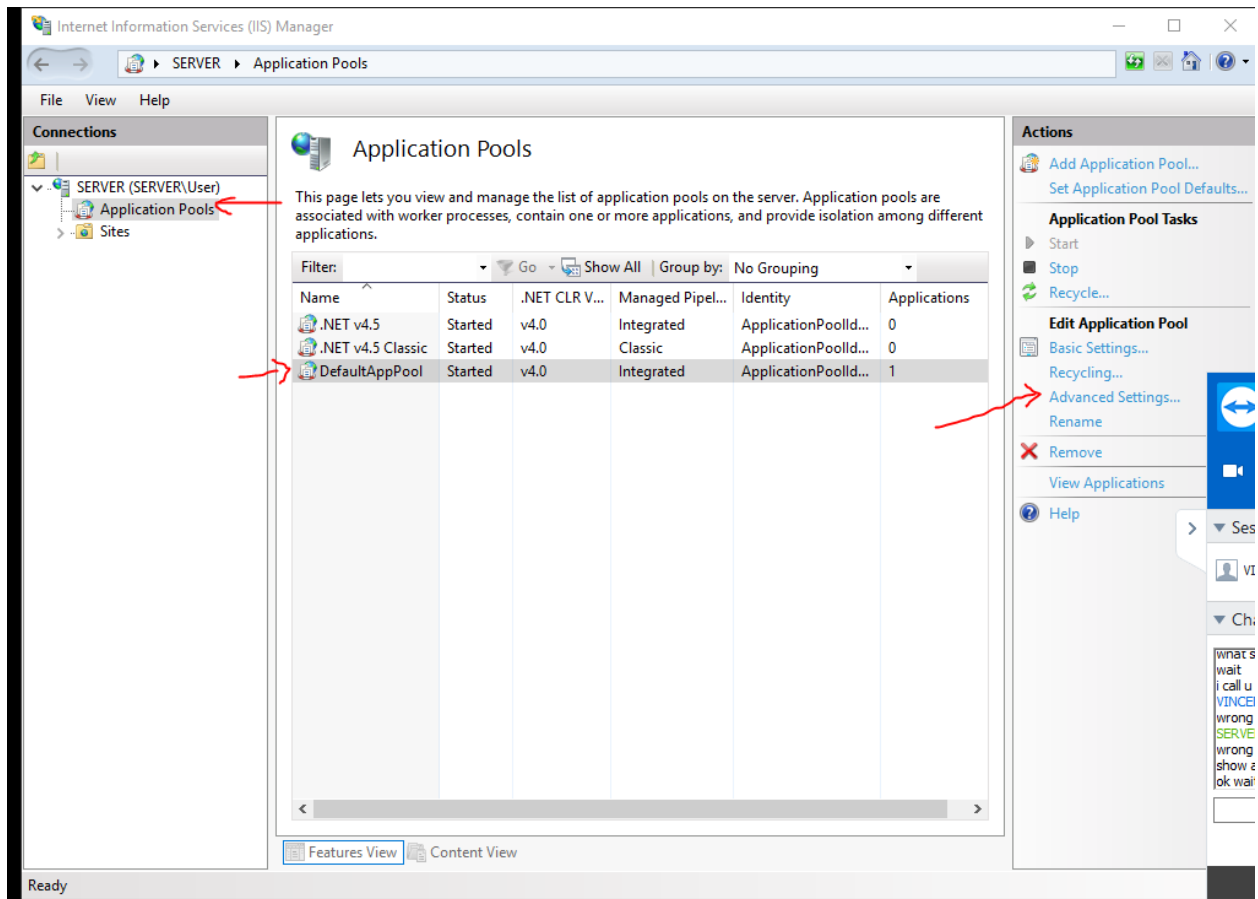

Picture 1.10 shows the search result on Windows Start Menu.

Picture 1.11 shows the window of IIS Manager

13. In IIS Manager, go to Application Pools from the SERVER dropdown on the left column, then click on DefaultAppPool in the middle of the window and select Advanced Settings on the right-hand side.

Picture 1.12 shows the selection phase in IIS to reach next step.

14. User must ensure that the "Enable 32-Bit Applications" from the General section is True, and "Identity" from Process Model is LocalSystem in the Advanced Settings. Then, press OK button.

Advanced Settings ? ✕

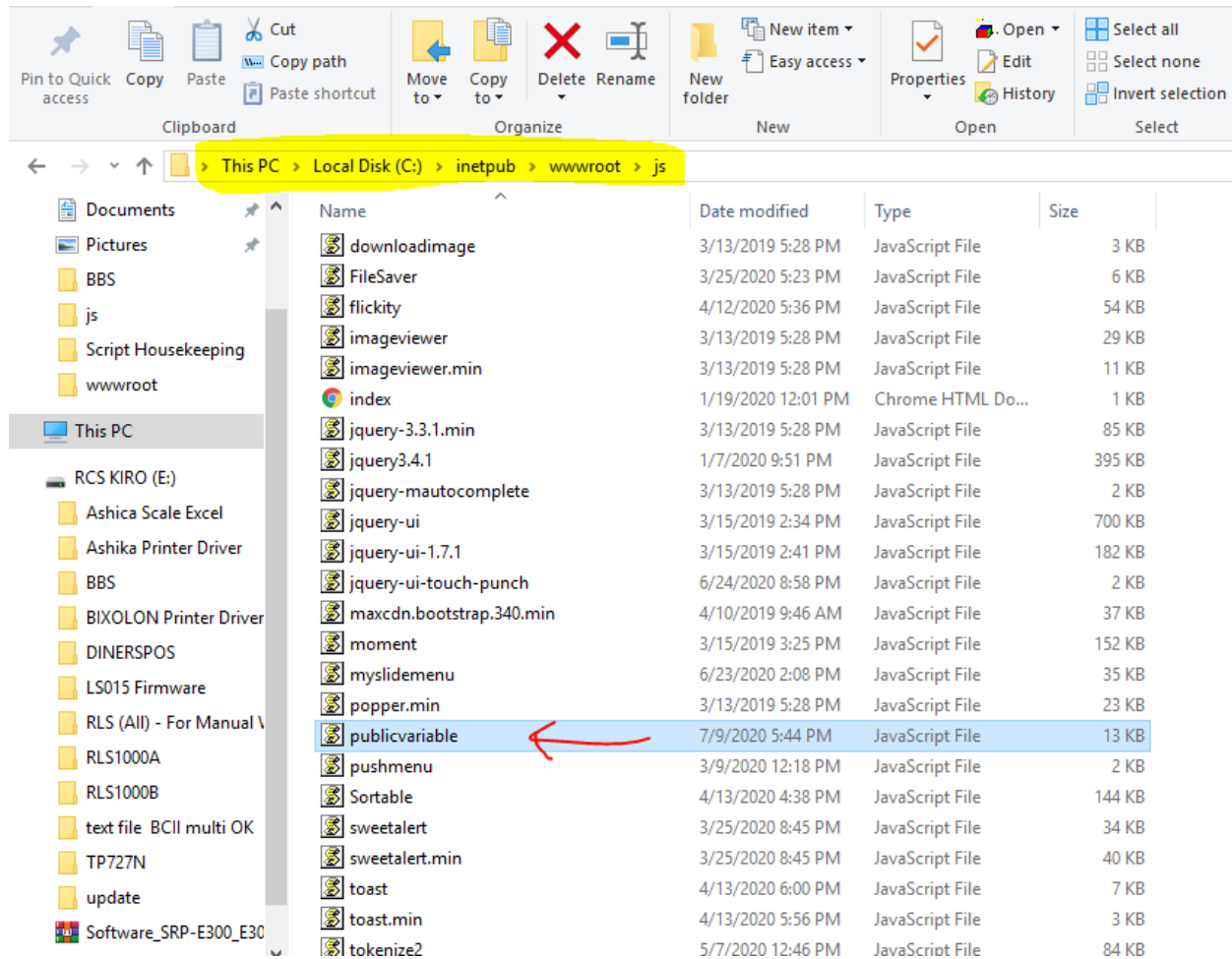|		
⌄	**(General)**	
	.NET CLR Version	**v4.0**
	Enable 32-Bit Applications	**True** ←
	Managed Pipeline Mode	Integrated
	Name	DefaultAppPool
	Queue Length	1000
	Start Mode	OnDemand
⌄	**CPU**	
	Limit (percent)	0
	Limit Action	NoAction
	Limit Interval (minutes)	5
	Processor Affinity Enabled	False
	Processor Affinity Mask	4294967295
	Processor Affinity Mask (64-bit (	4294967295
⌄	**Process Model**	
⟩	Generate Process Model Event L	
	Identity	**LocalSystem** ← ...
	Idle Time-out (minutes)	20
	Idle Time-out Action	Terminate
	Load User Profile	True
	Maximum Worker Processes	1
	Ping Enabled	True
	Ping Maximum Response Time (	90
	Ping Period (seconds)	30
	Shutdown Time Limit (seconds)	90

Identity
[identityType, username, password] Configures the application pool to run as built-in account, i.e. Application Pool Identity (recommended), Network Service, Local System, Local Service, or as a specific user identity.

OK   Cancel

How to change localhost IP

1. Go to the following path: Local Disk C> inetpub > wwwroot > js
    Then, open the file "publicvariable.js" using Notepad

Picture 2.1 shows the location to change localhost IP.

2. Locate the term "var wcfurl" and change the IP address.

```
publicvariable - Notepad
File   Edit   Format   View   Help

var dbversion = "1000";
var build = "1.0.0";
var buildapk = "5039100.02";
var buildcode = "503910002";
var IsCloud = "0";

 var wcflogin = "";
 var wcfpw = "";


 var wcfurl = "http://192.168.0.50/"  ←

var servicename = "pos.svc"
var appversion = "5048";
var timeout = 30000;

//var totalpagesize = 40;

// db variables
var shortName = 'BBS';
var version = '1.0';
var displayName = 'BBS';
var maxSize = 65535;
```
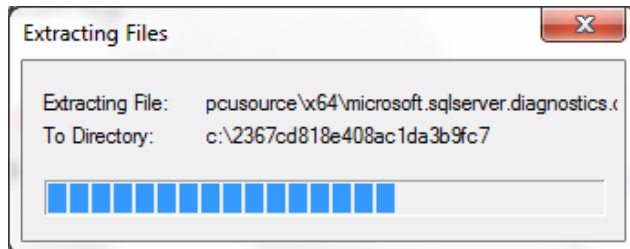
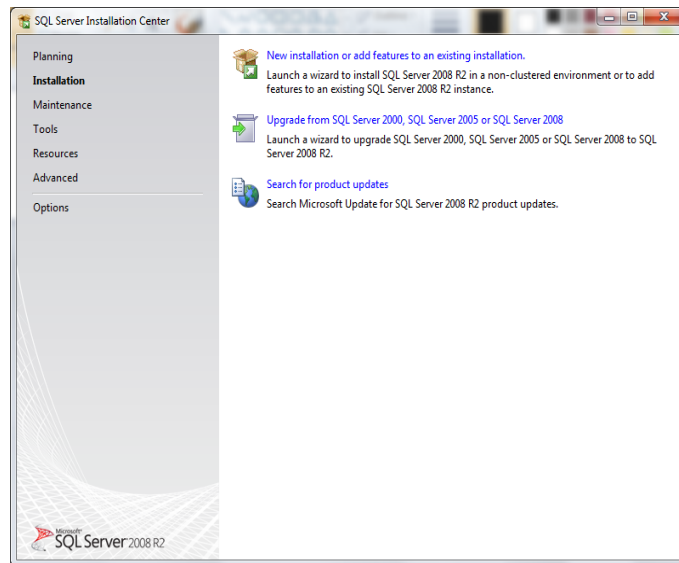Picture 2.2 shows the location to change IP address.

Install SQL express 2014

1. Double click **SQLEXPRADV_x64_ENU.exe**.
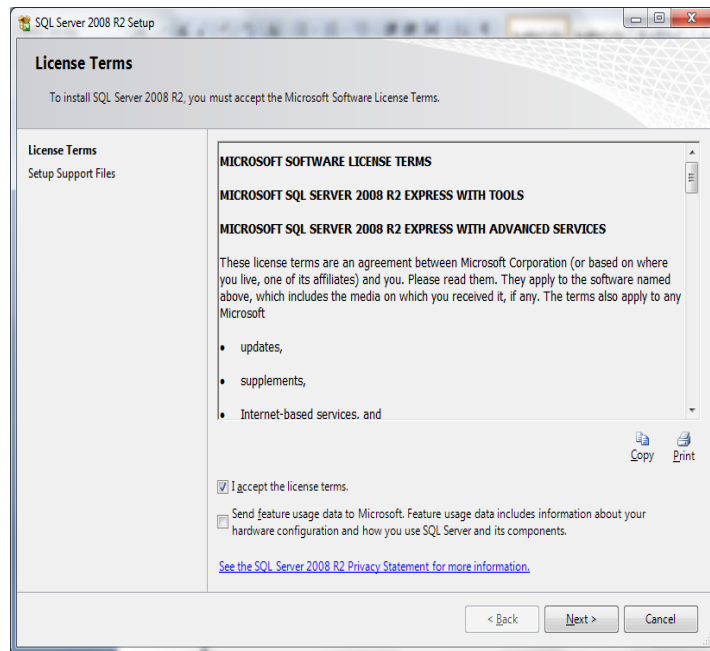2. Wait for the component to extract.

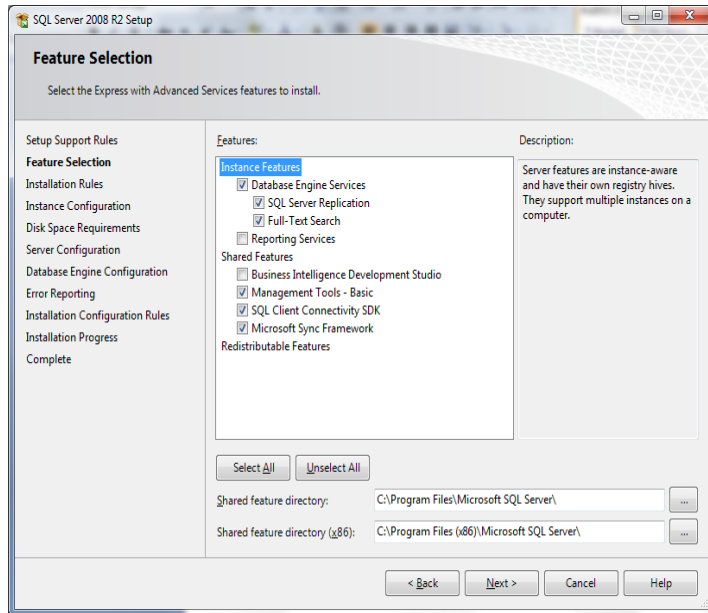3. Click **New installation or add features to an existing installation**.

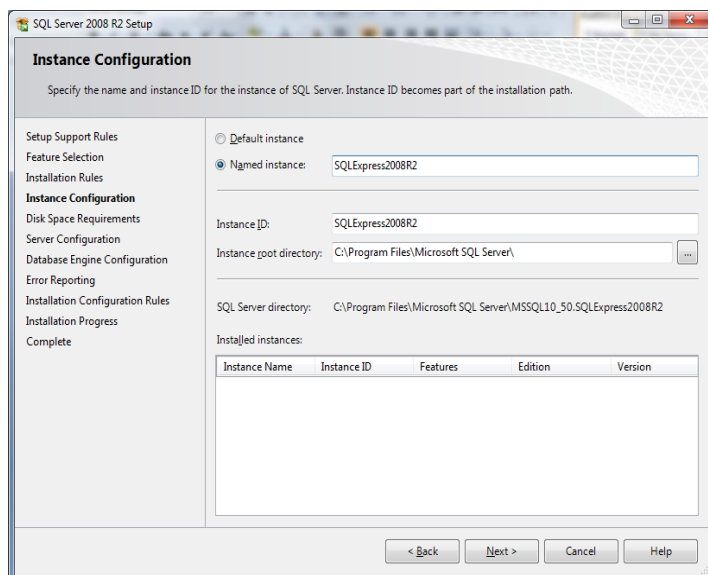4. Click **I accept the license terms**.

5. Click **Next**.

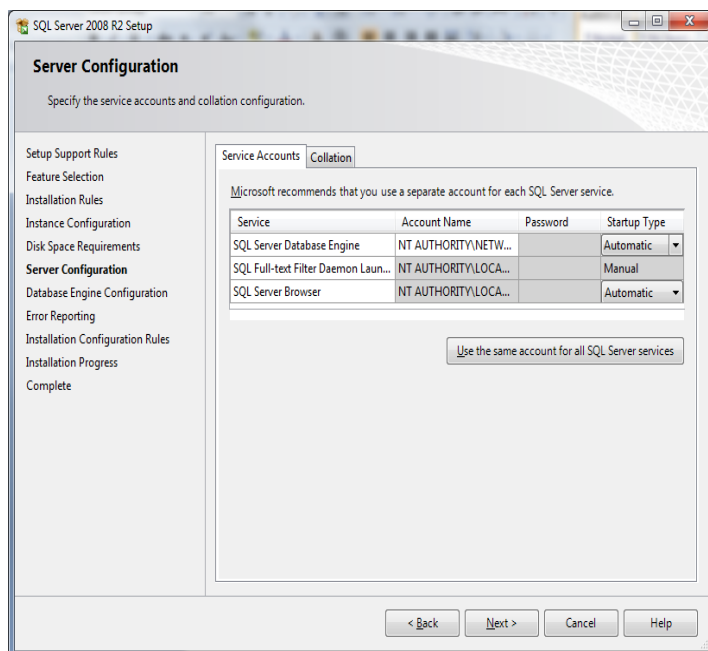6. Select the features same as below.
7. Click **Next**.
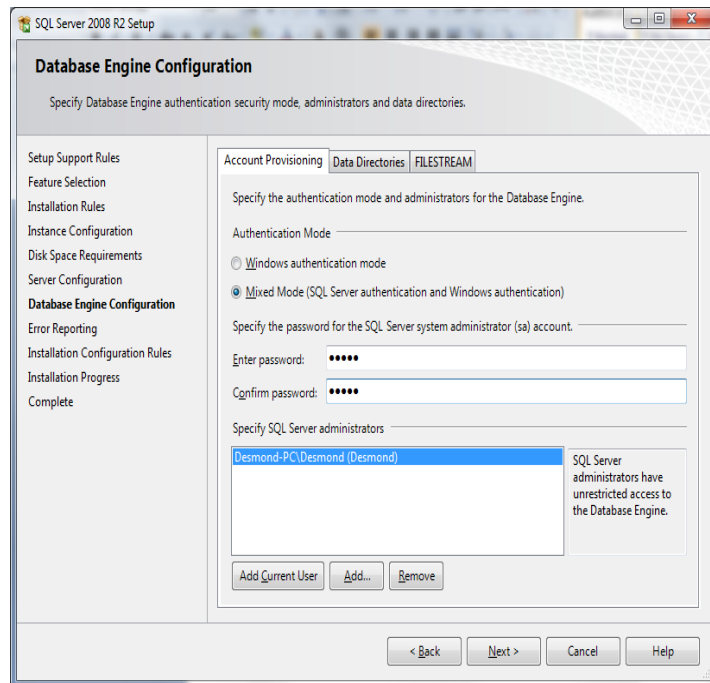
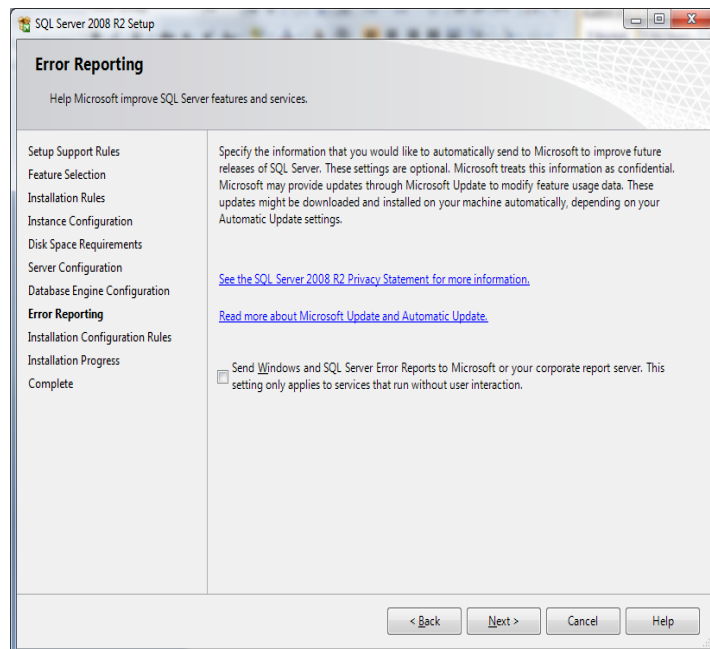8. Rename the Name instance.

9. Click **Next**.

10. Change the Startup Type to **Automatic** in SQL Server Browser.
11. Click **Next**.

12. Select **windows authentication mode** or **mixed mode**.
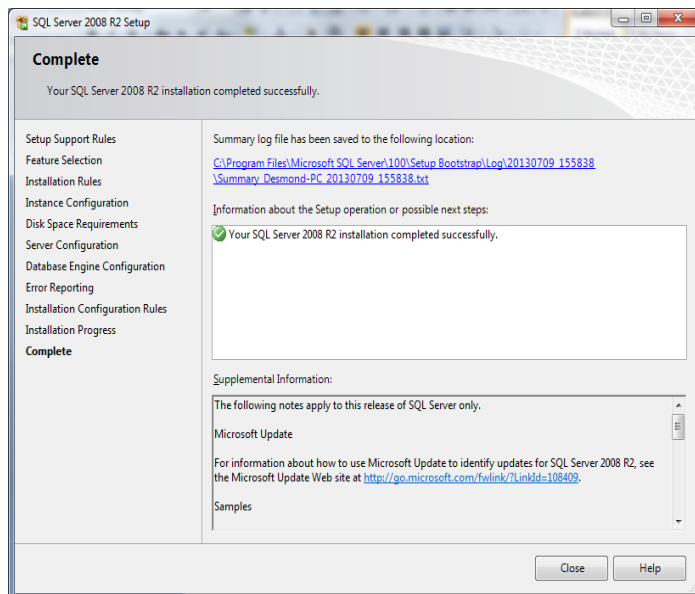   1. If select mixed mode, enter password.
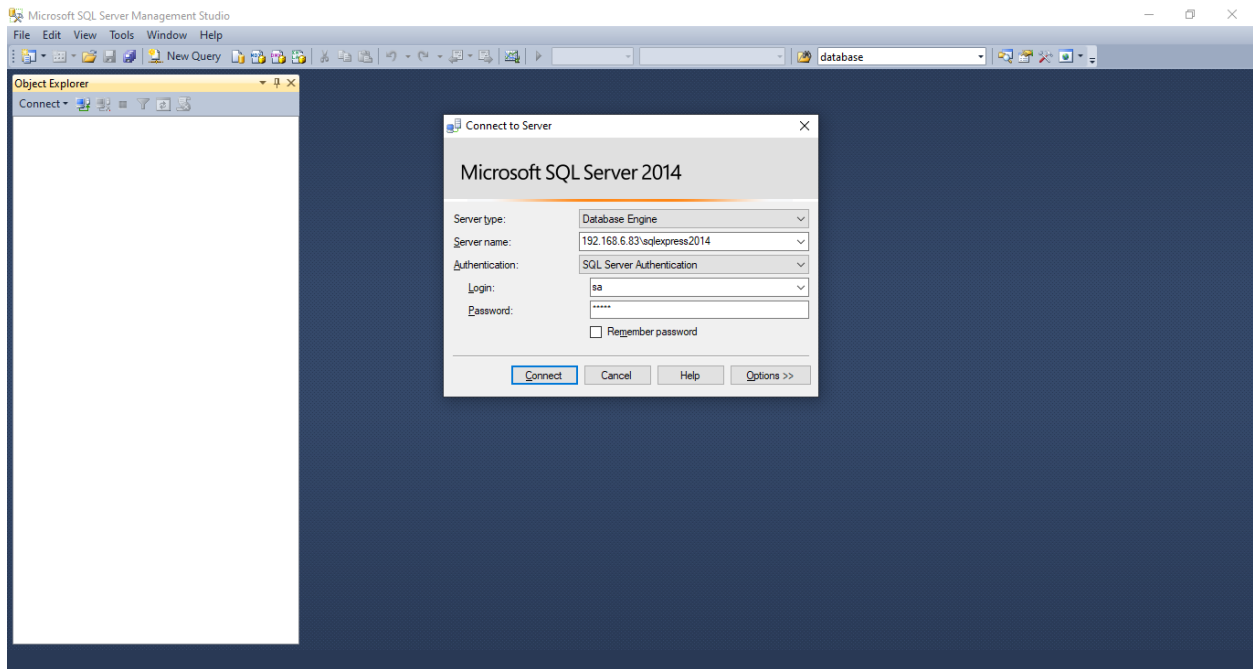13. Click **Next**.

14. Click **Next**.

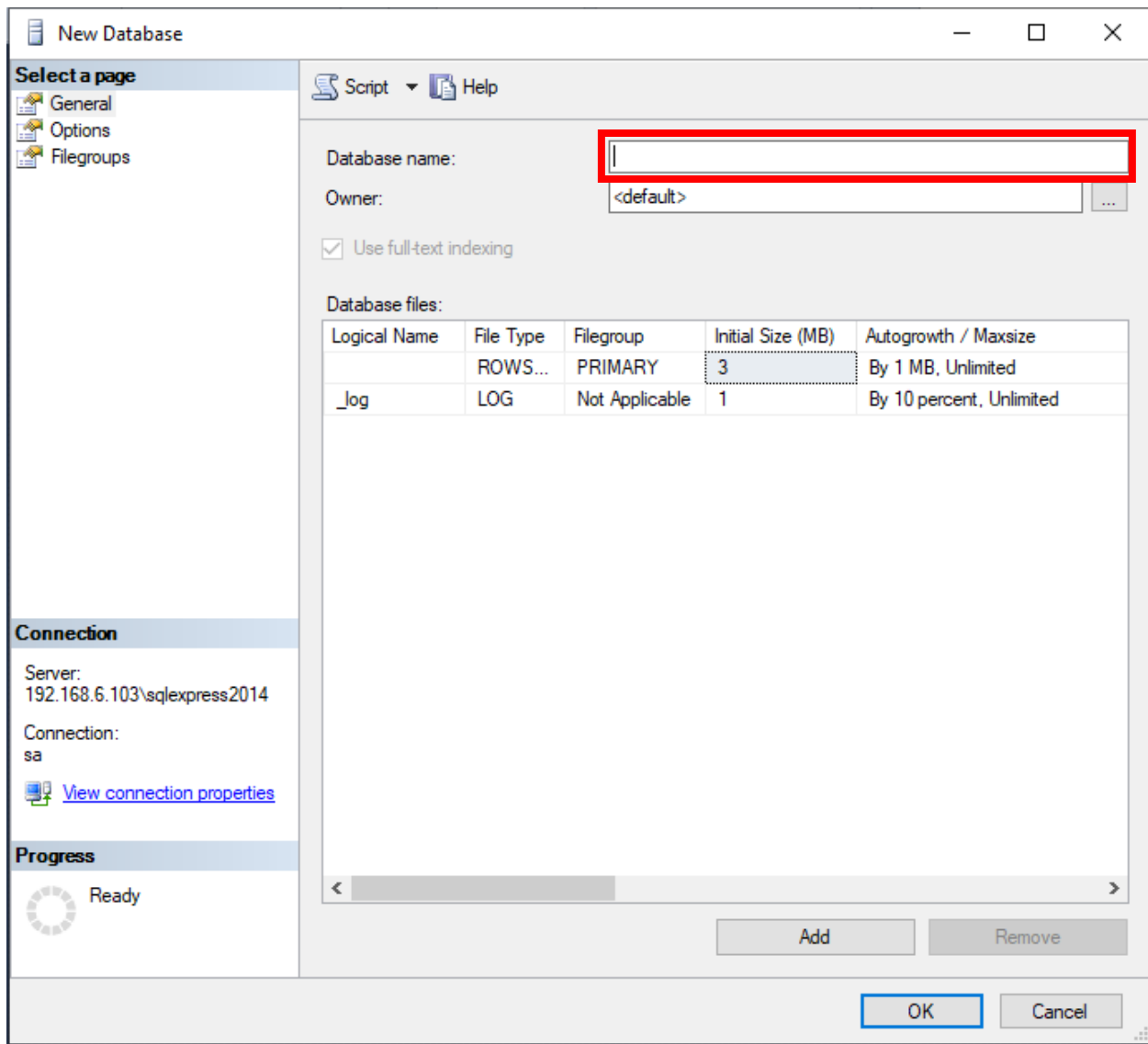15. Installation is completed.
16. Click **Close**.

How to set up database.

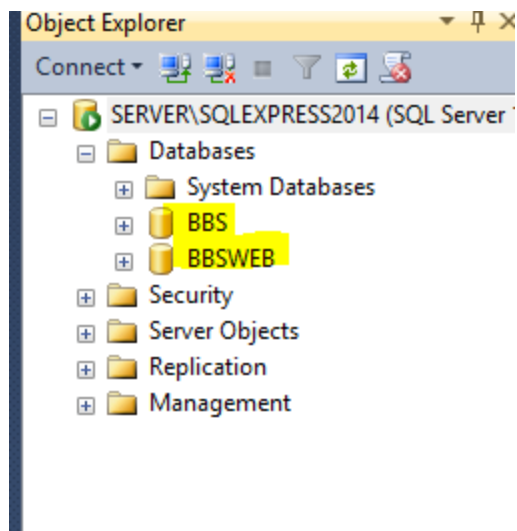1. Go to Windows Start Menu and search SQL Server 2014 Management System.

Picture 3.1 shows the window of SQL Server 2014 Management System.

2. Connect to server with default Login ID and password.
3. Expand SERVER, then Databases.
4. Create 2 new databases, which are BBS and BBSWEB. User can right click on the Databases folder and select "New Databases…"

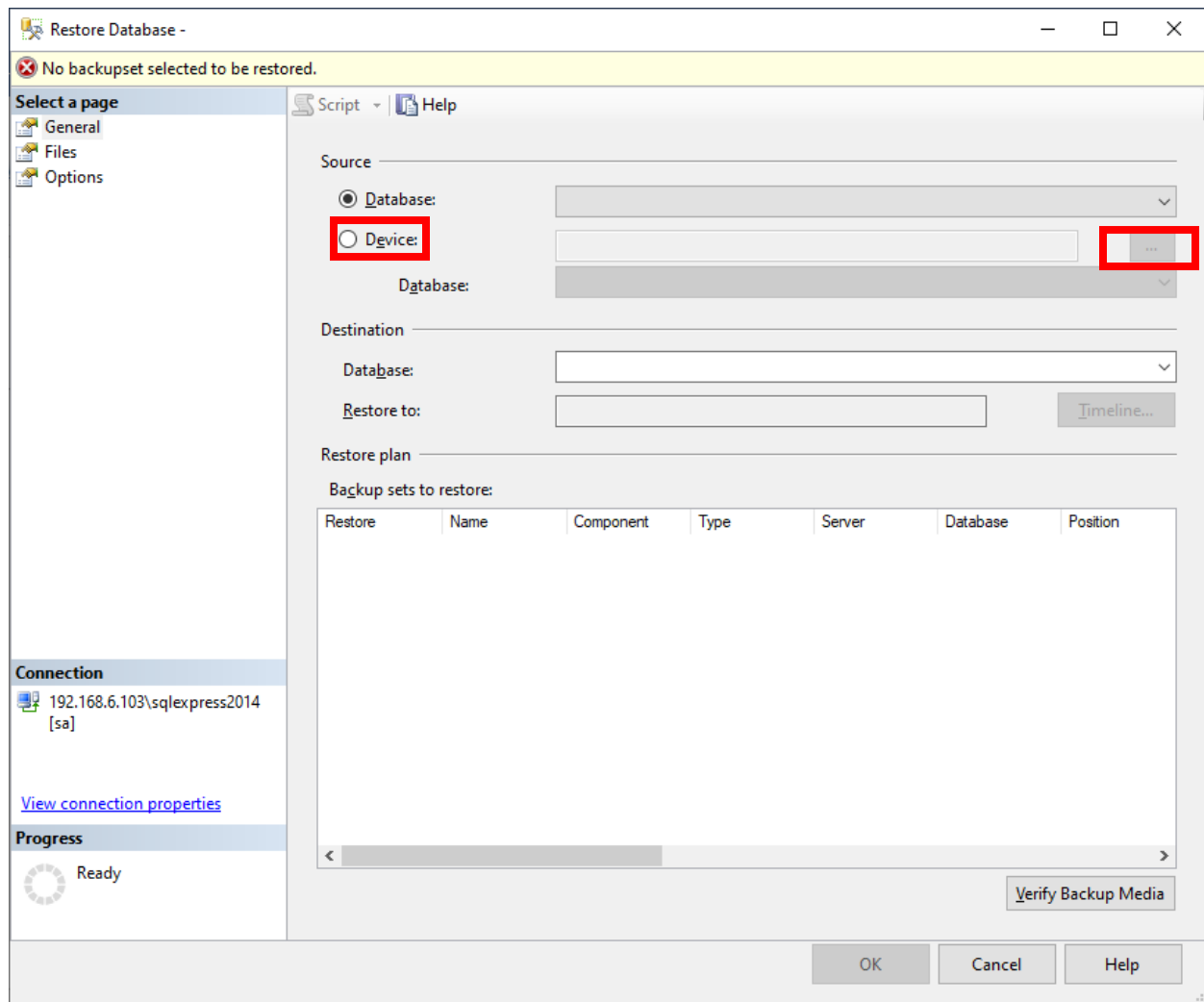Picture 3.2 shows the window of "New Database"

5. Enter the Database name with "BBS" and press the OK button.
6. *Localhost need repeat the same steps with BBSWEB.

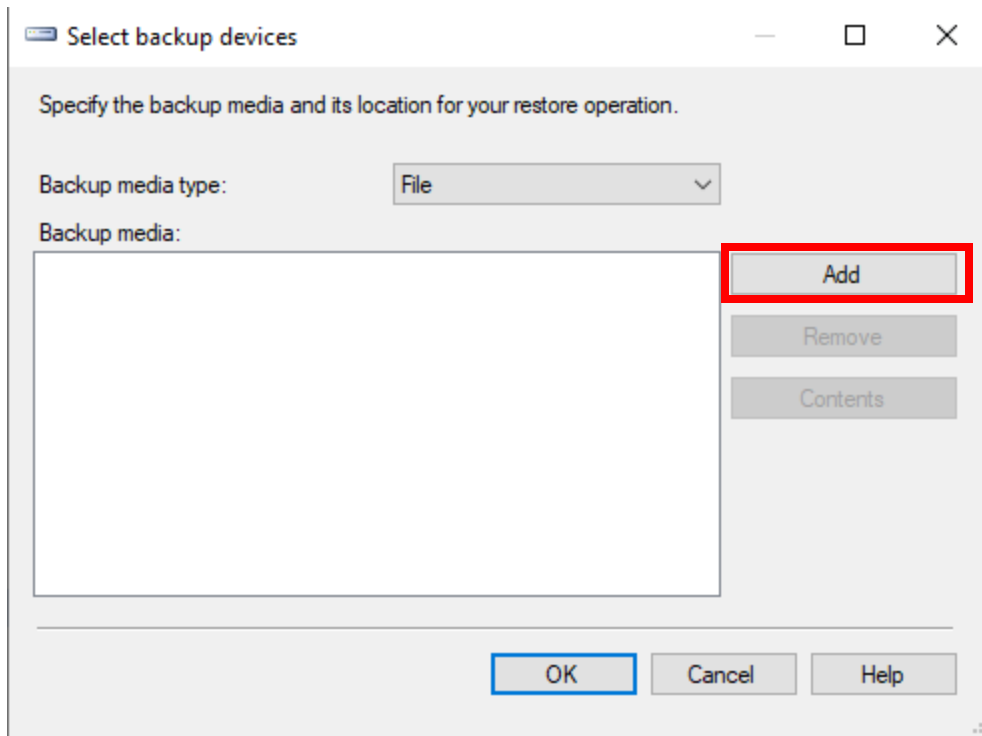Picture 3.3 shows the new databases have been created

Restore database BBS and BBSWEB

1. In SQL Server 2014 Management System, right click on Databases folder and select Restore Database…
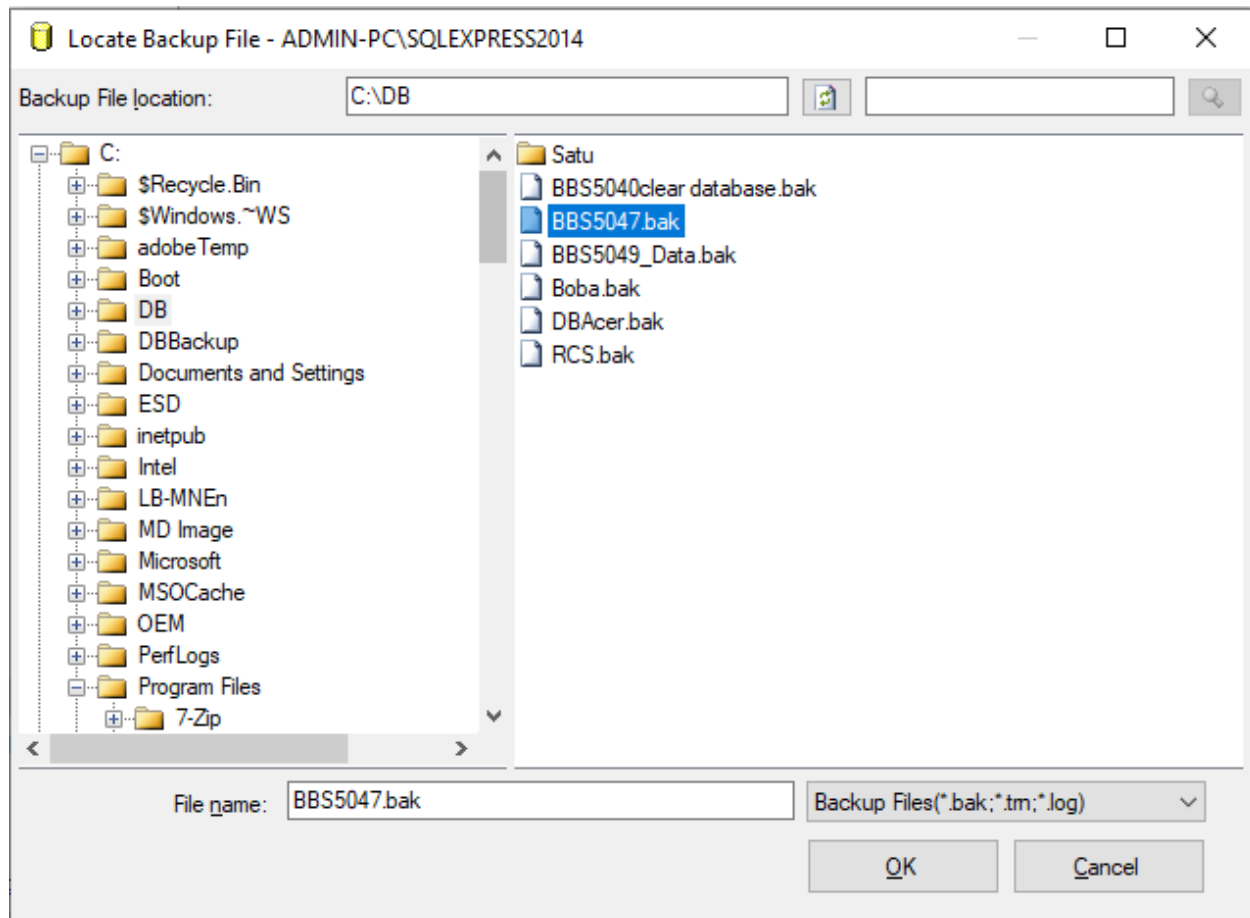

Picture 4.1 shows the window of restore database.

2. Click on the device radio button and click the button on the right of the bracket.
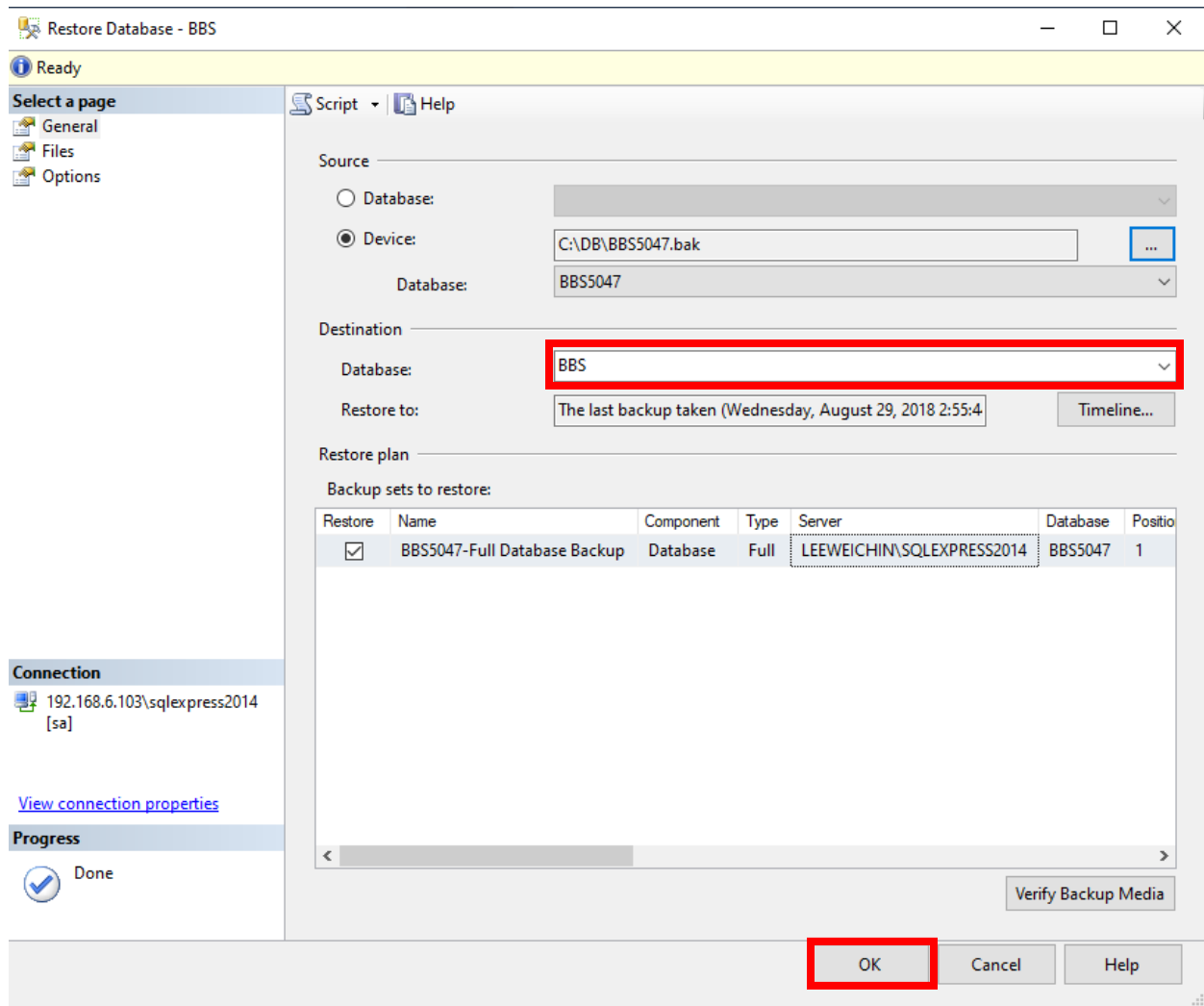
Picture 4.2 shows the window to select backup devices.

3. Click on the Add button and browse the backup file needed to restore database of BBS and BBSWEB.

Picture 4.3 shows the example of a BAK file that restores database.

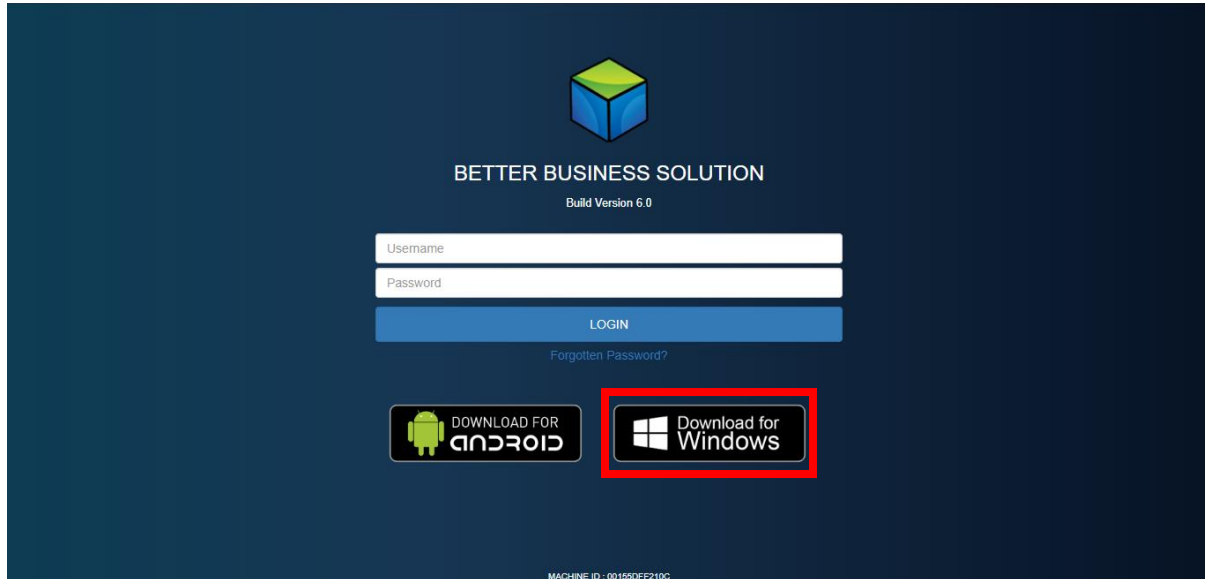4. Click OK button and return to restore database window.(BBS6000.bak)

Picture 4.4 shows the destination to restore database.

5. Under destination, toggle the dropdown and choose BBS, then press OK button to restore the database.
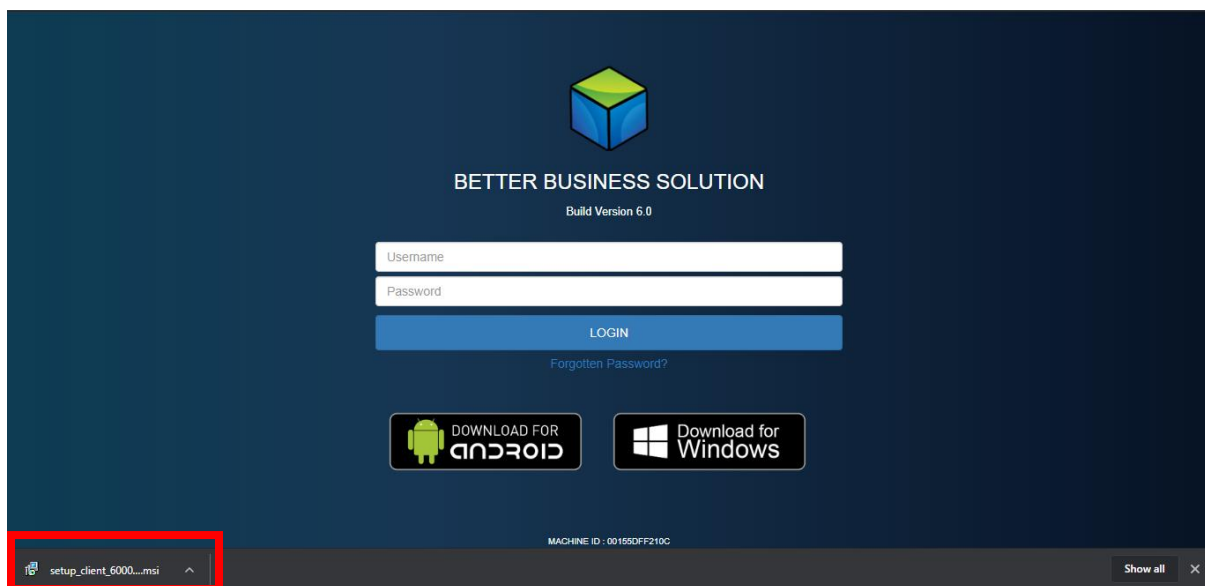6. Repeat the same for BBSWEB.

Download and installation

1. Go to https://rcs.onestopbbs.com/.
2. Click on the button on the bottom right to download Better Business Solution (BBS).
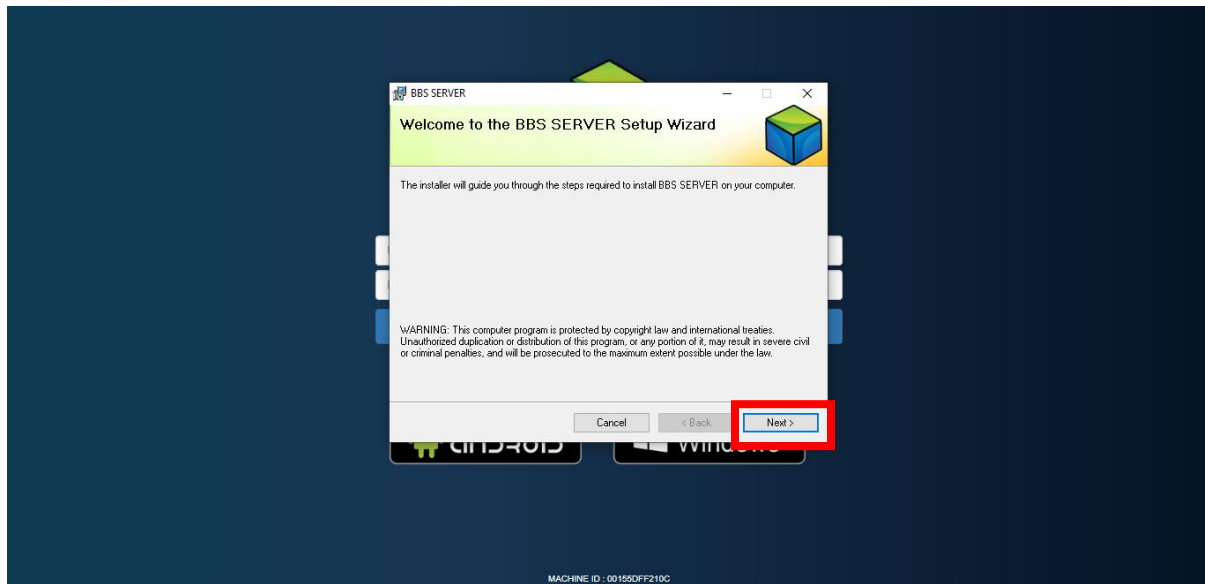

Picture 1.1 shows the download button of BBS.

3. After downloading the file, click on the bottom left to install the software or locate the file in the download folder. (Google Chrome)
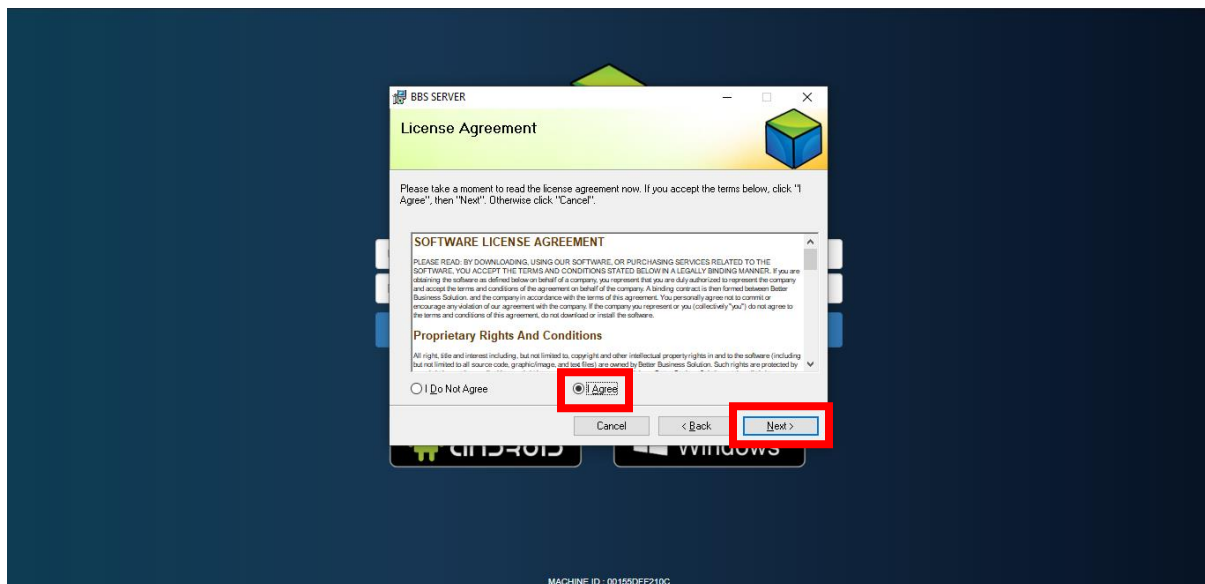

Picture 1.2 shows the installation file of BBS.

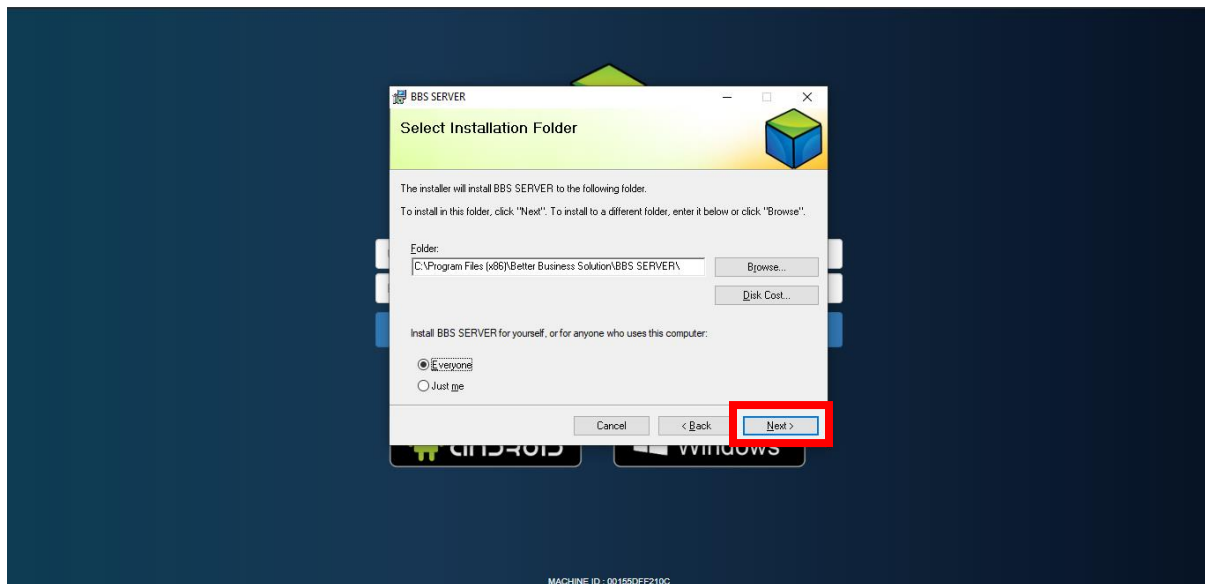4. A window will show on the screen. Click on the "next" button.

Picture 1.3 shows the BBS window.

5. After reading the license agreement, click on the "I agree" radio button and click the "next" button.

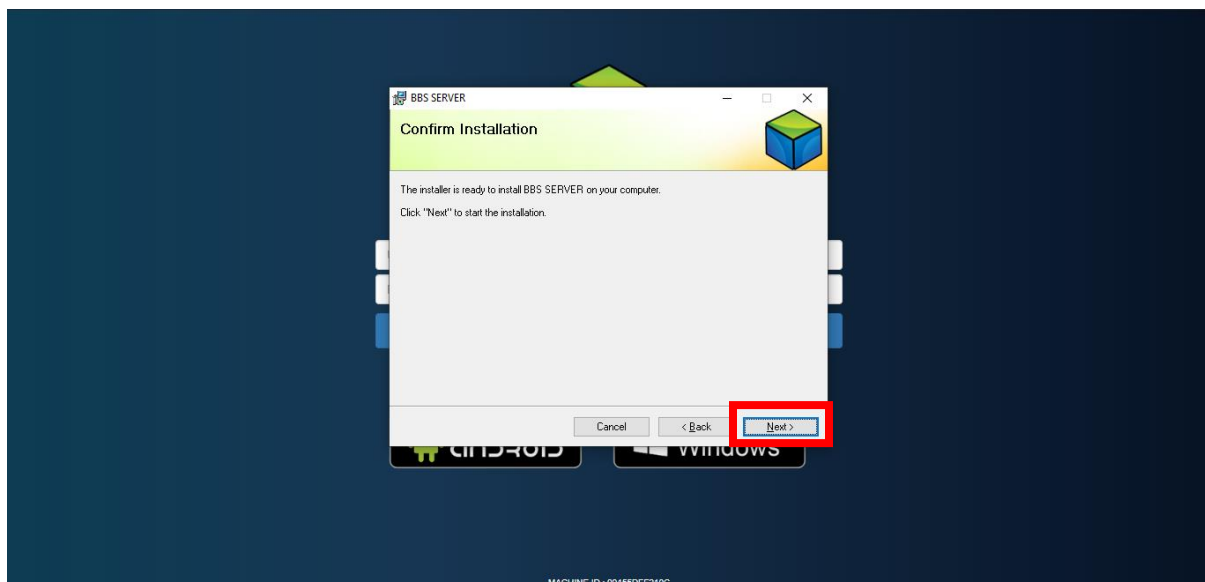Picture 1.6 shows user click on "I agree" and "next" buttons.

6. User can choose the installation location by clicking the "Browse" button, then click on the "next" button. User can also choose

Picture 1.7 shows the user click on the button after confirming the installation path

7. Click on the "next" button to confirm the installation and install BBS.

Picture 1.8 shows the user confirming the installation

8. After finished the installation, click the "Close" button
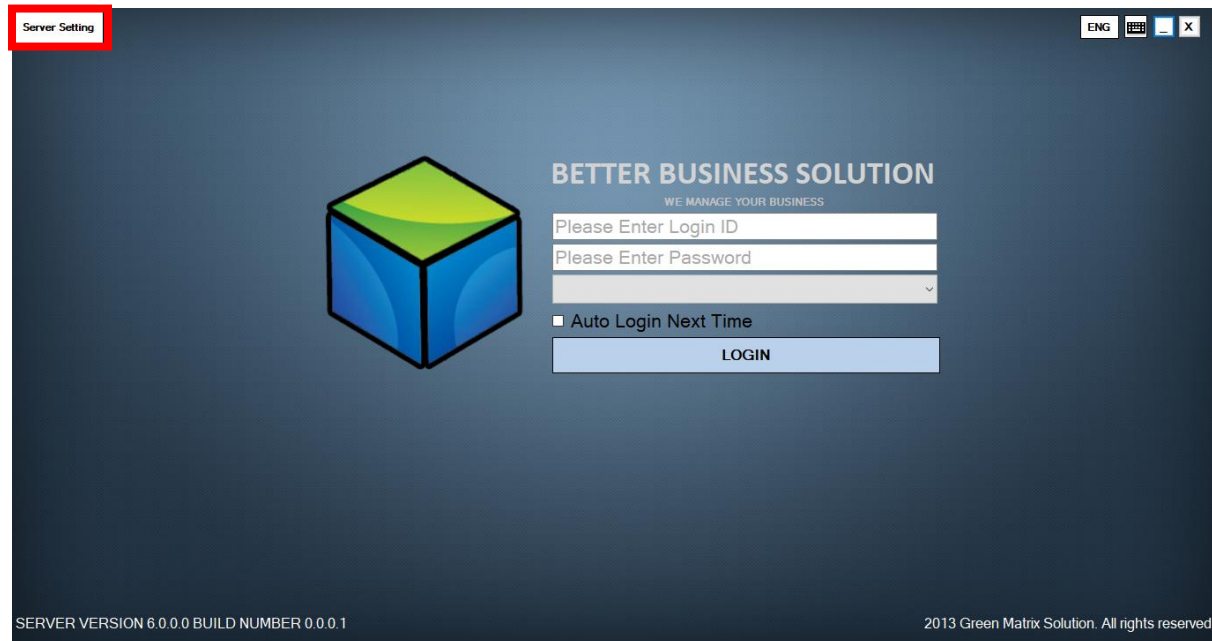

Picture 1.9 shows user completed the installation.

After Install BBS, need install Crystal Report

Server Setting

1. To start server setting, run BBS .exe. Click on the "Server Setting" button on the top left.

Picture 2.1 shows the "Server Setting" button

2. A popup window will be displayed. There are 3 sections, which are Remote Database Setting, Local Database setting and Terminal.
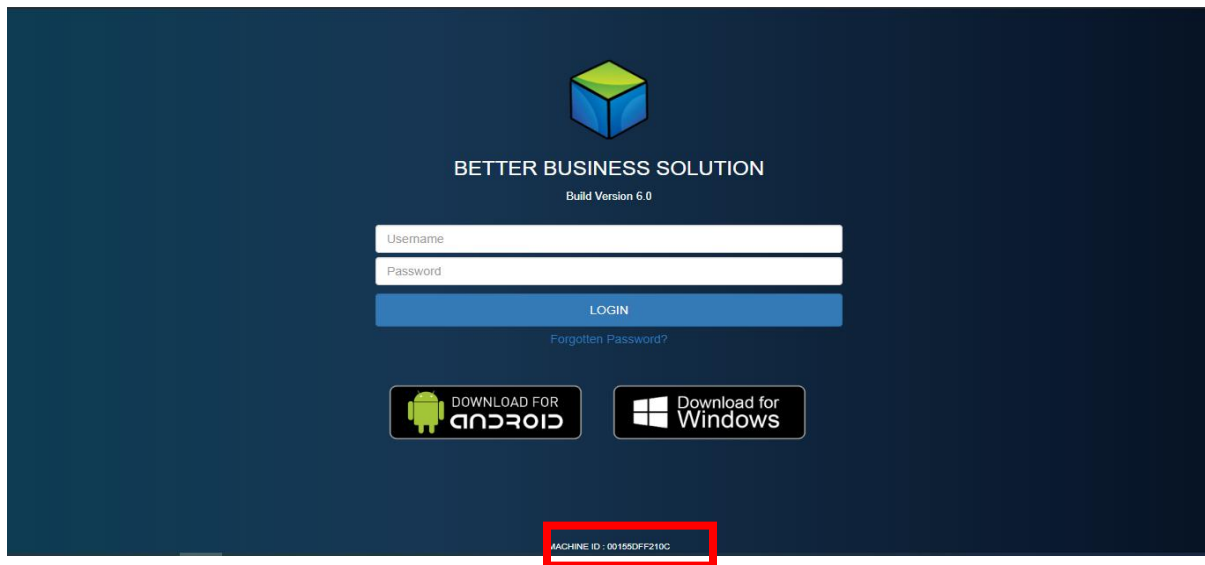
Picture 2.2 shows the window of the Server Setting.

3. For Remote Database Setting, the default server URL is https://localhost/ if the server is from localhost. Otherwise, please refer to Green Matrix Solution for the server URL.

   Default Company ID is 1, if not, please refer to the company maintenance.

Lastly, Server Machine ID can be found at the bottom of mentioned server URL website.

MACHINE ID : 00155DFF210C

Picture 2.2 shows the location of the Server Machine ID

Default server URL	http://localhost/
Default Company ID	1
Default Server Machine ID	00155DFF210C

4. For Local Database Setting, the Local Server IP is the IP address of the client's server.

   Local Database is the name of the database used.

   Lastly, User ID and password can be found in the client's database. The default User ID is sa and the password is BBS20101010!.

Default Local server IP	.\SQLEXPRESS2014
Default Local Database	BBS
Default User ID	sa
Default Password	BBS20101010!

5. For Terminal, the default Terminal ID is 1.

Default Terminal ID	1

6. After that, press the "OK" button to complete the setting.

7. The database will be downloaded every time when user completes the server setting.