

E-STAFF SYSTEM

Version: 1.0.11.0

Updated on 28-Sep-2020

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System Requirement

System requirement is the criterion of the network and server required prior to do the installation and setup of iFlexiHRMS E-Staff system.

SERVER REQUIREMENT	
Component	Minimum System Requirements
Operating System	Windows Server 2008 R2 / 2012 / 2012 R2 or above
Database	Microsoft SQL Server 2008 R2 / 2012 with Express / Standard / Enterprise Edition
Framework	Microsoft .Net Framework 4.0 or above
Processor	Intel Core i5 processors (Recommended i7 processors)
Memory	8 GB (Recommended 16 GB or above)
Monitor	WXGA (1366x768 and similar) resolution with 65536 colors (Wide screen as a must)
Hard Drive	7200 rpm Hard Disk Drive (Recommended Solid State Drive(SSD))
Internet Information Server (IIS)	Microsoft IIS 6.0 or higher
Local Area Network	Minimum 10 Mbps (Recommended 100 Mbps)
Internet	Minimum 256 Kbps (Recommended 1 Mbps)
Free Disk Space	3 GB for installation, 20 GB for database and working
Pointing Device	A mouse, supported by Windows
Printer	A Windows compatible printer

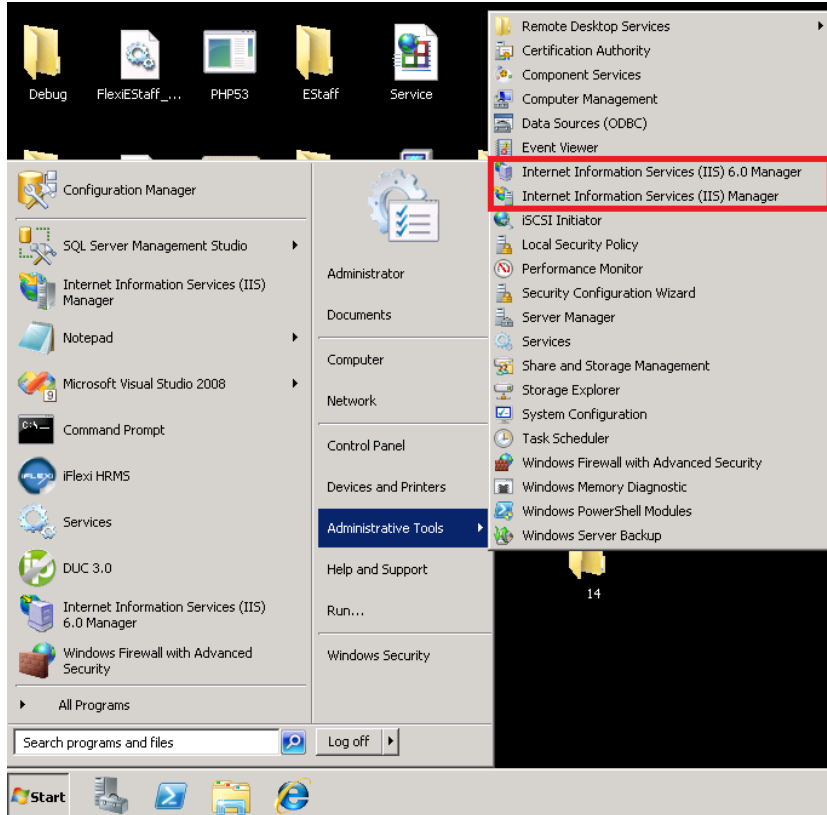
CLIENT PC REQUIREMENT	
Component	Minimum System Requirements
Internet Connection	Make sure User PC can connect with Web Server
Browser	<ul style="list-style-type: none">• Mozilla Firefox 5.0 or higher• Google Chrome v8.0 or higher• Microsoft ® Internet Explorer 8.0 or higher

Installation Guide

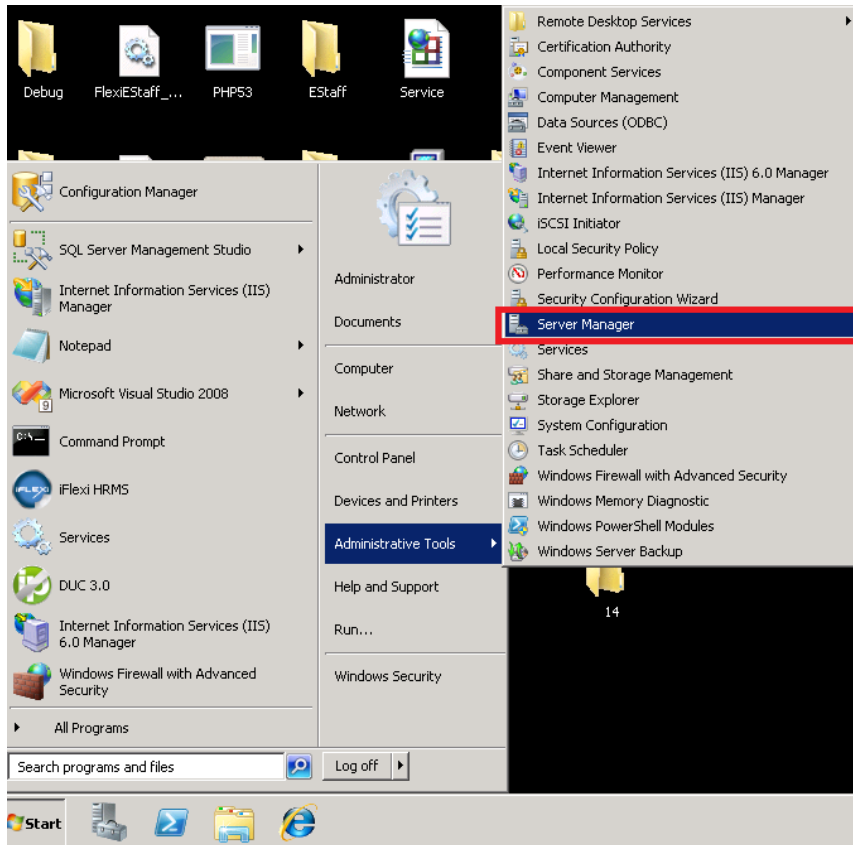
A. Setup Internet Information Server (IIS)

1. Check IIS installed or not.

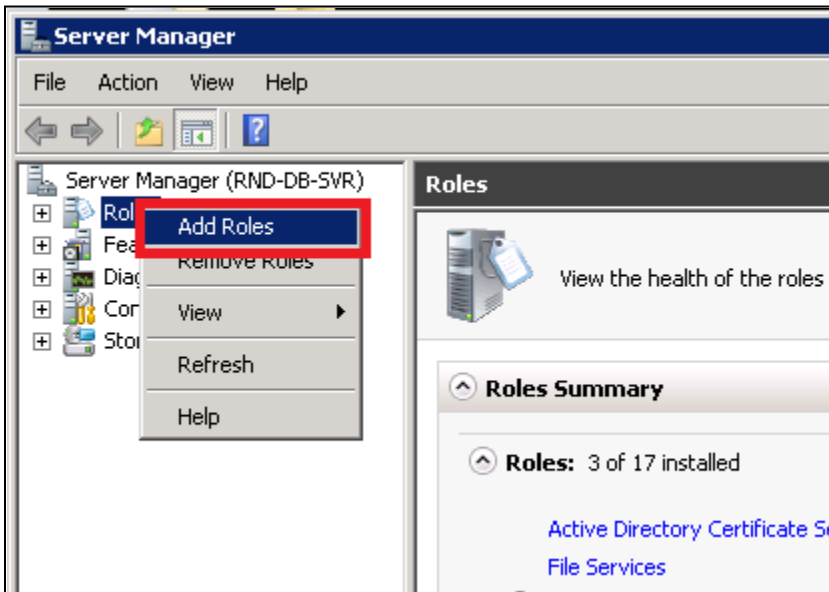
If already installed IIS, you can see **Start->Administrator Tools** consists IIS Manager.



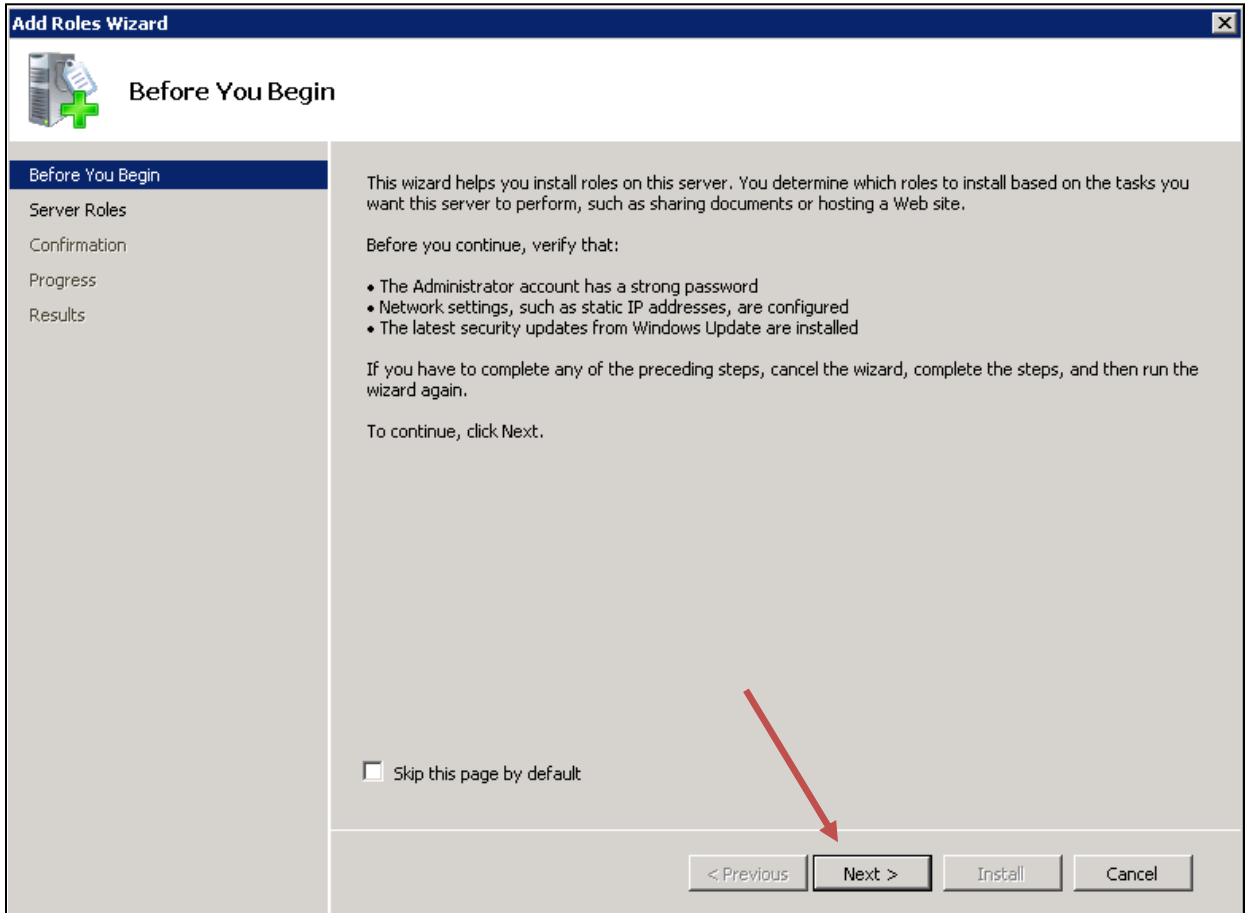
2. If IIS not install, go to **Start->Administrative Tools -> Server Manager**



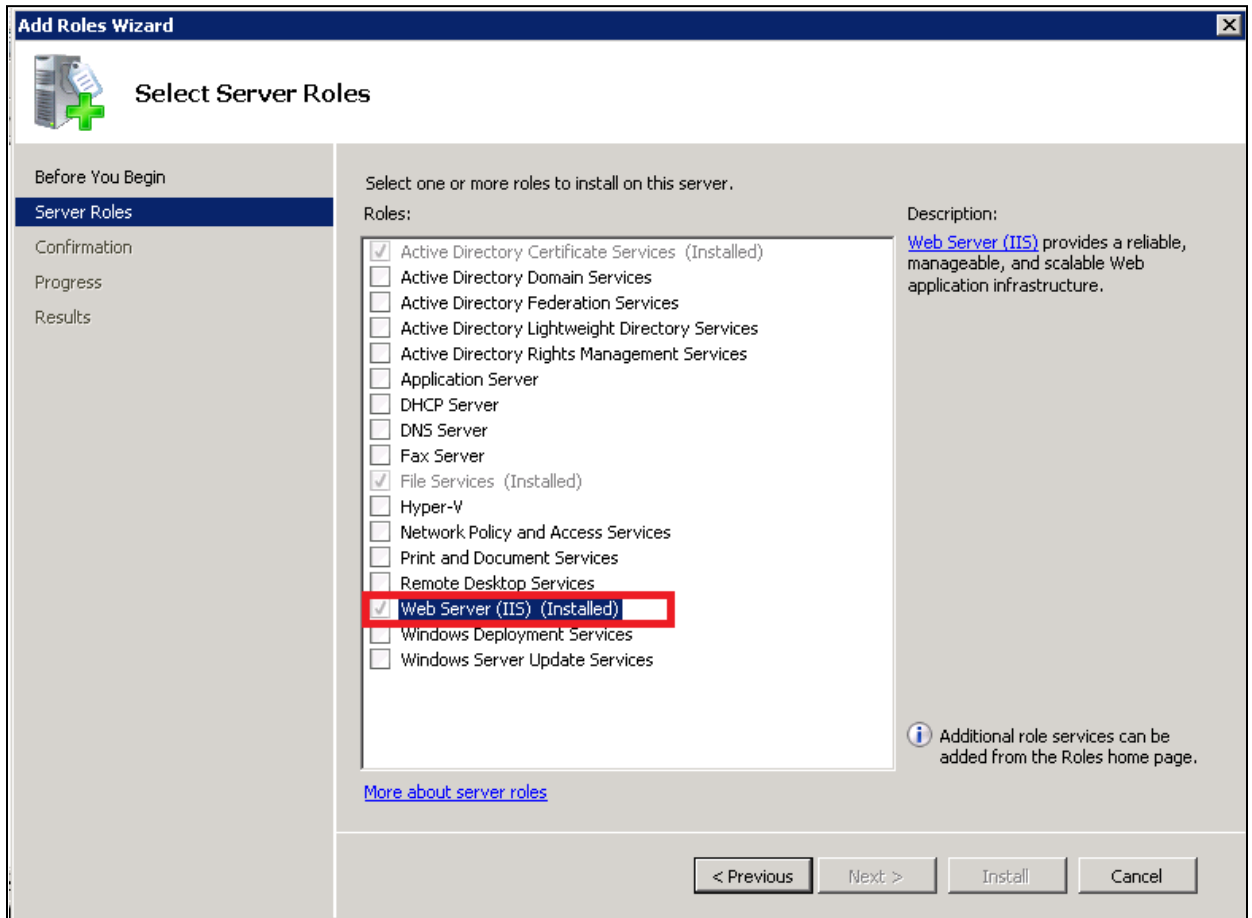
3. Right click on **Roles**, and then click **Add Roles**.



4. Click **Next**.

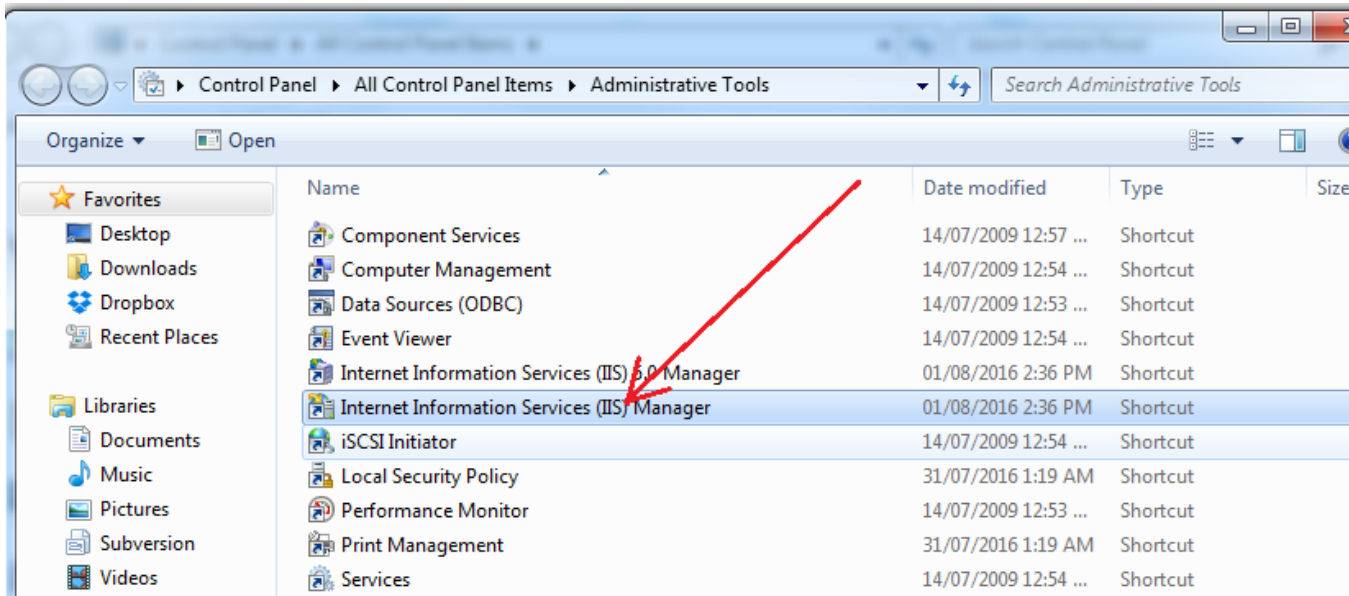


5. Tick **Web Server (IIS)** and click **Install**.

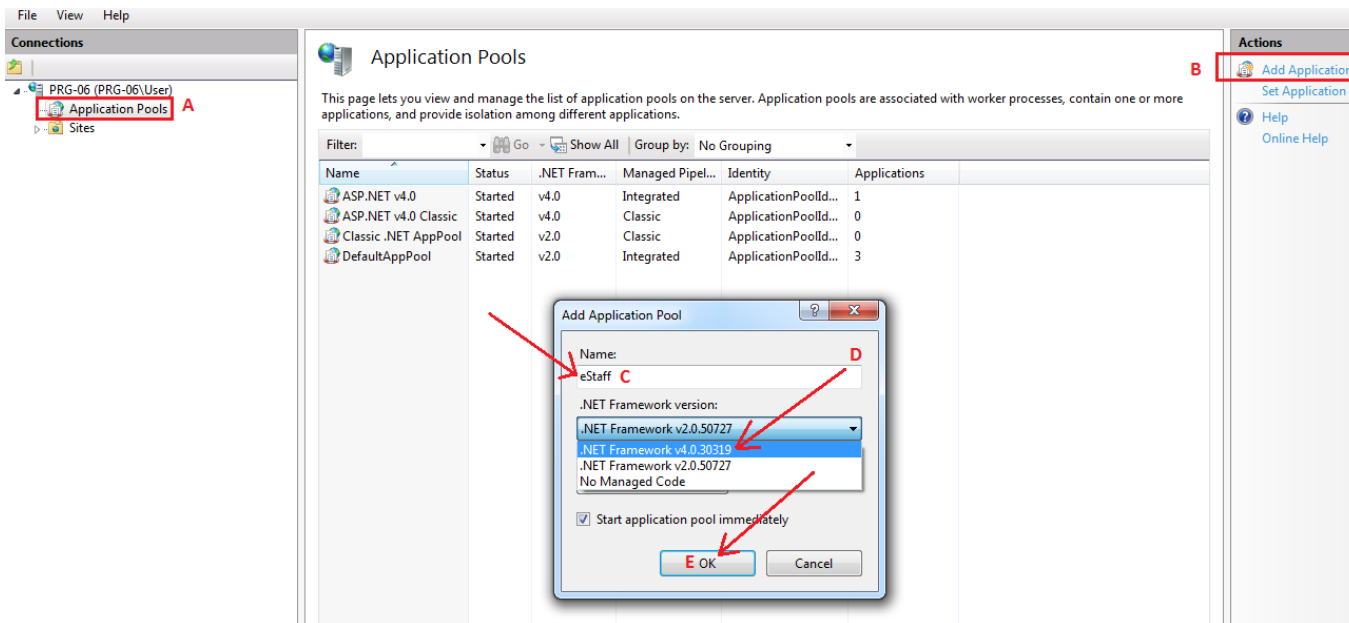


B. Create Application Pools

1. Create Application Pools for eStaff System
Go to IIS Manager, double click the icon as below:



2. A: Click on "Application Pools".
B: Click on "Add Application Pool".
C: Enter "eStaff" under the "Name".
*D: Select ".NET Framework v4.0.30319".
E: Click on "OK" button to save the changes.

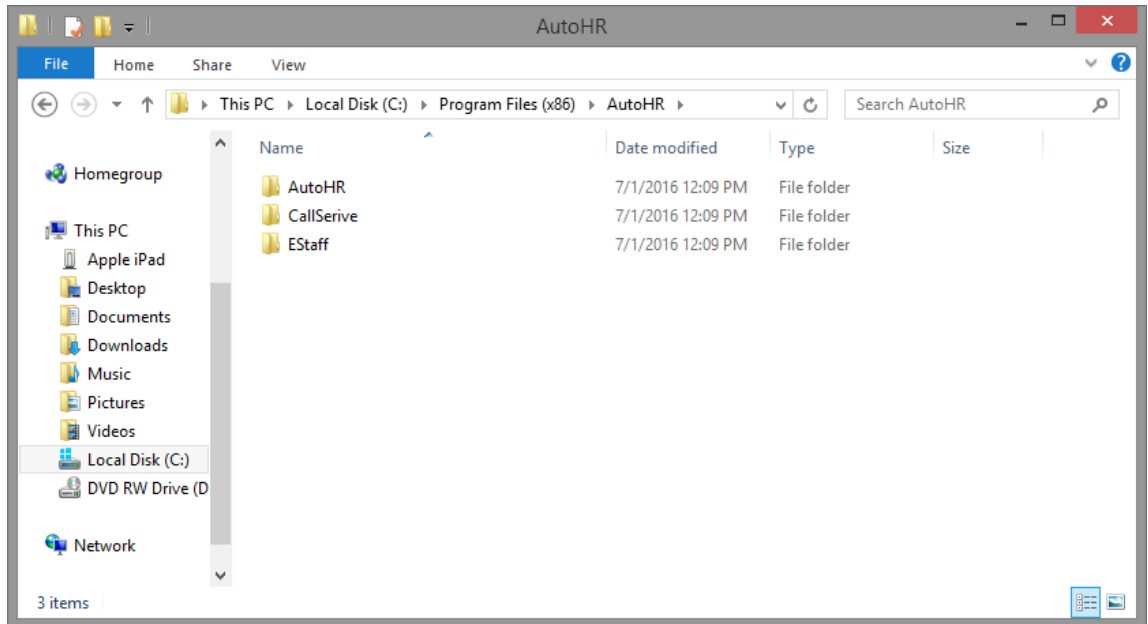


* If you didn't see ".NET Framework v4.0.30319" under the drop down list, meaning the server haven't install .NET Framework 4.0. Kindly install "dotNetFx40_Full_x86_x64.exe" which given to you.

C. Setup e-Staff System

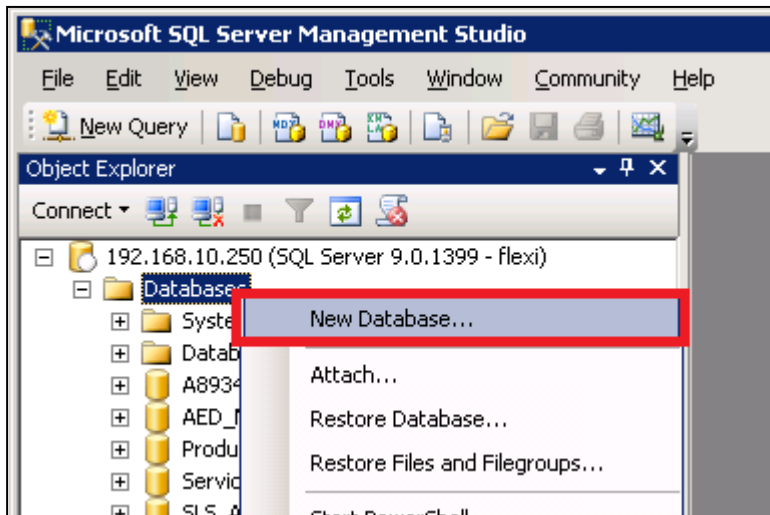
1. Copy and put the **EStaff and CallService folder** to web server's hard drive.

Remark: Please place under AUTOHR folder which same folder path with iFLEXI HRMS SYSTEM for easy file backup. Example: C:\Program Files(x86)\AutoHR.

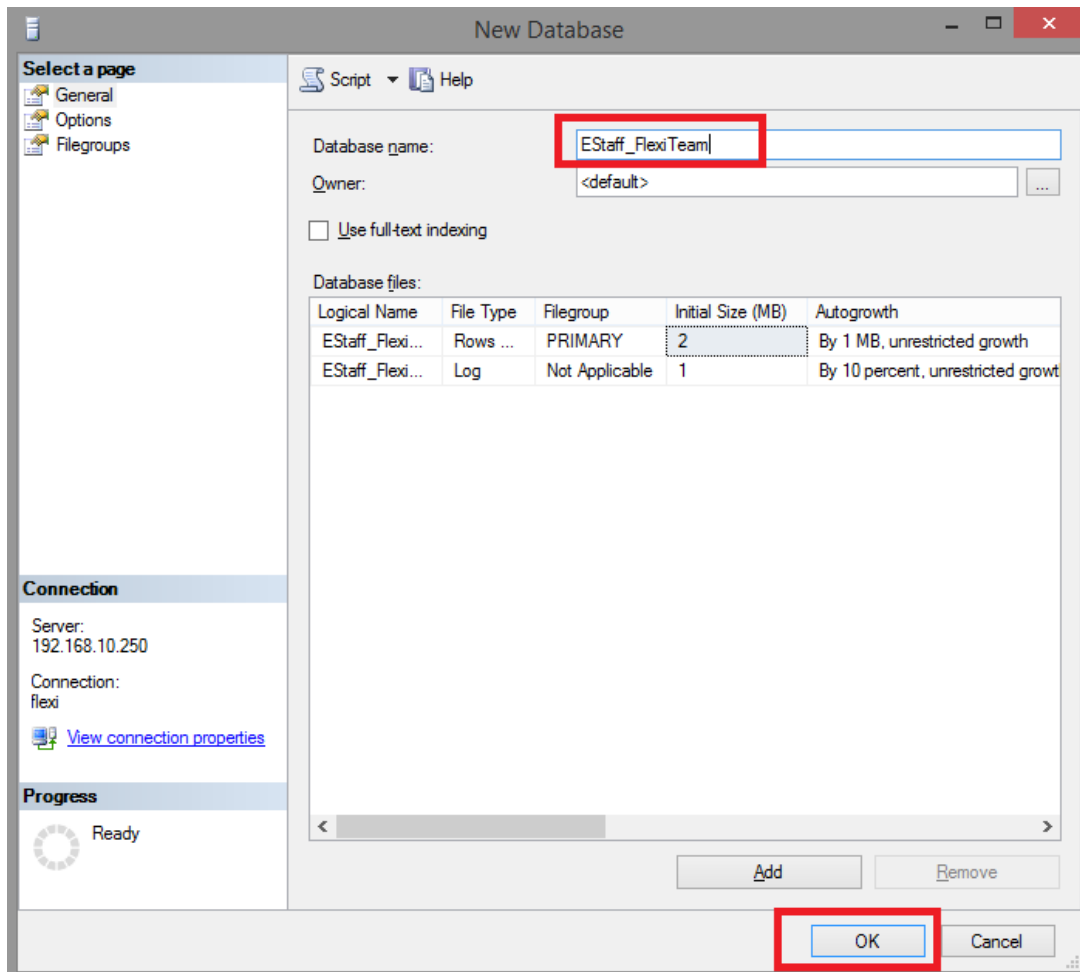


D. Add a New Database in SQL Server Management Studio

1. Open **SQL Server Management Studio**.
2. Right click on **Databases** -> Click **Add New Database...**

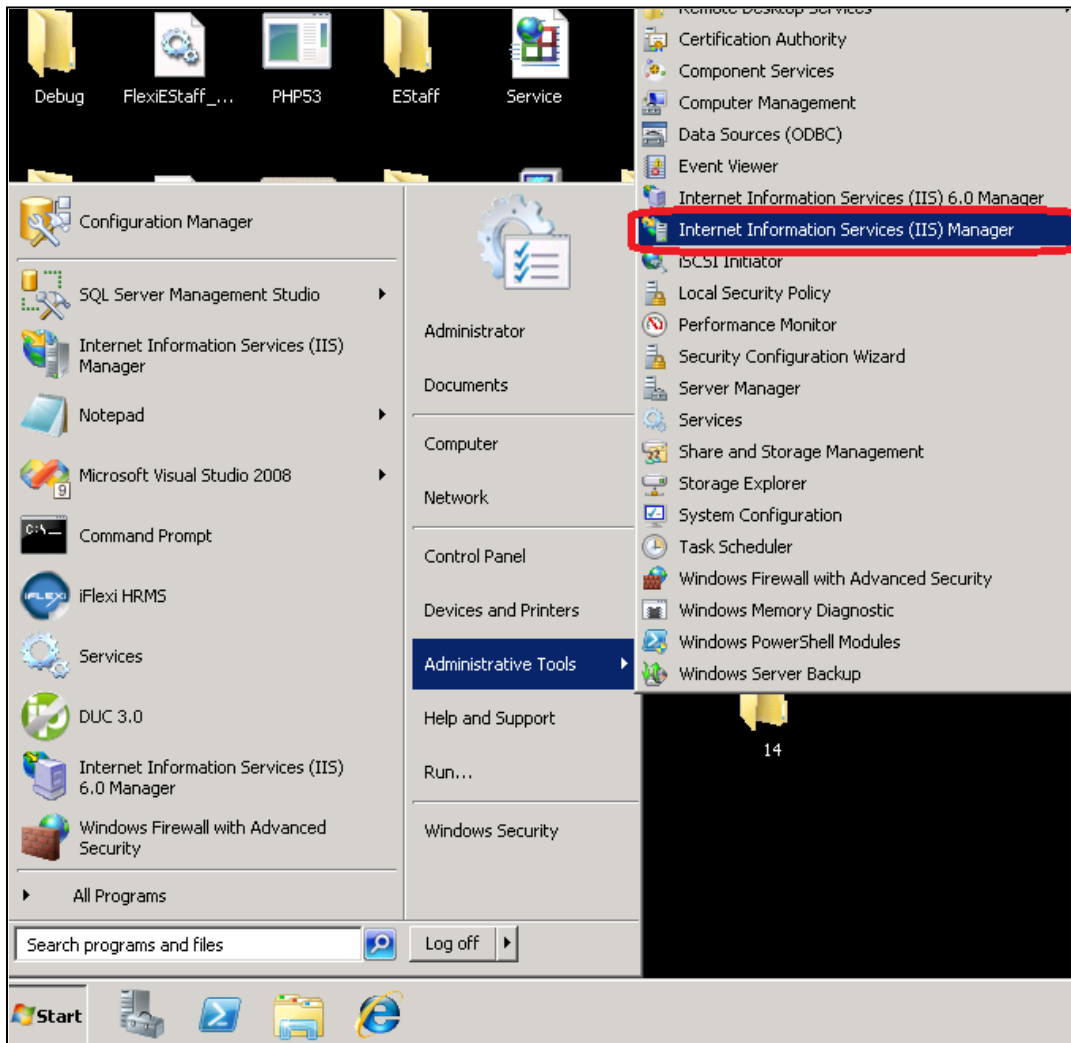


3. Database name fill in **EStaff_[CompanyName]**, then click **OK**.

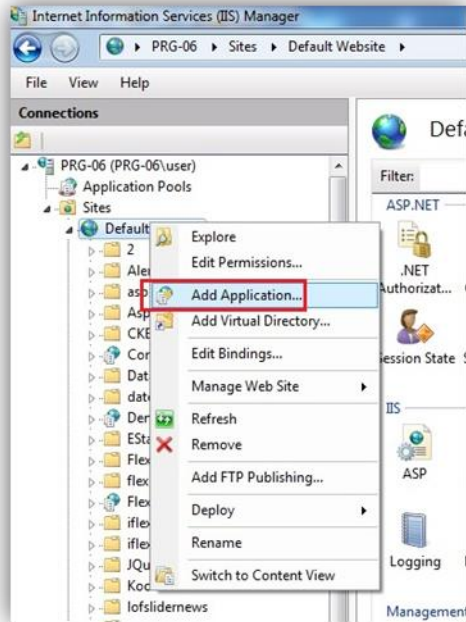


E. Add eStaff Application to the IIS Server

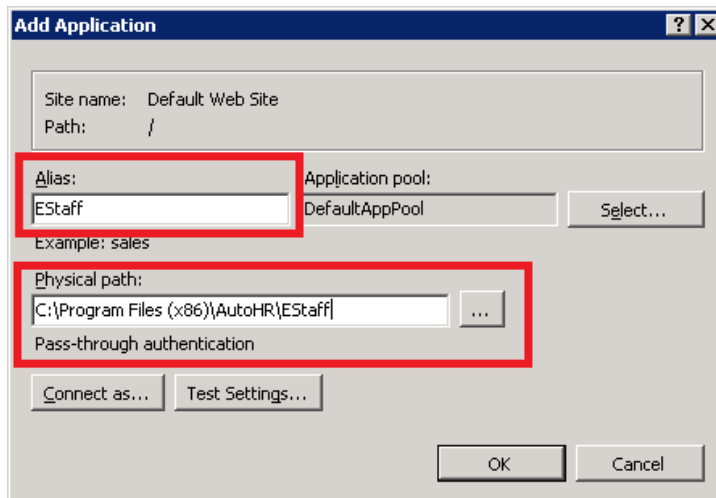
1. Go to **Start -> Administrative Tools -> Internet Information Services (IIS) Manager**.



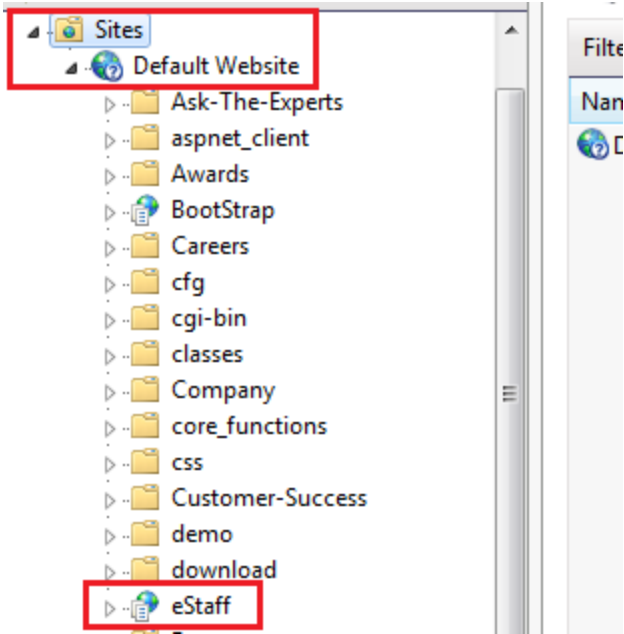
2. Right click on the “**Default Website**” and then the click on the “**Add Application...**”



3. For alias, fill in **EStaff**. For physical path, choose **EStaff folder** from your server. Then, click on “**OK**” button to continue.

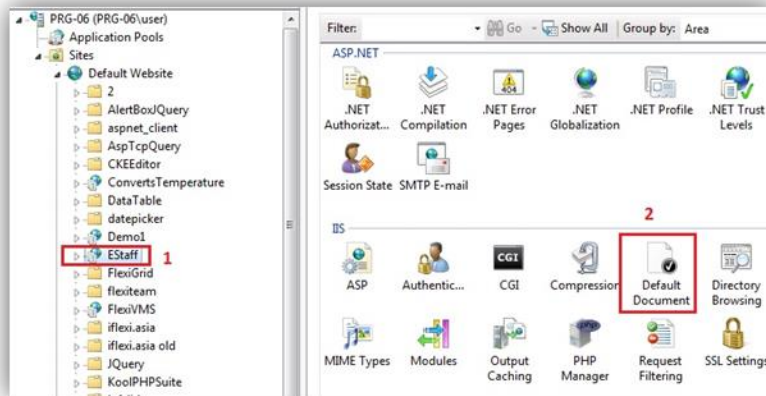


4. Then, click on OK button to continue, you will see “**eStaff**” application is created successfully under IIS Manager:

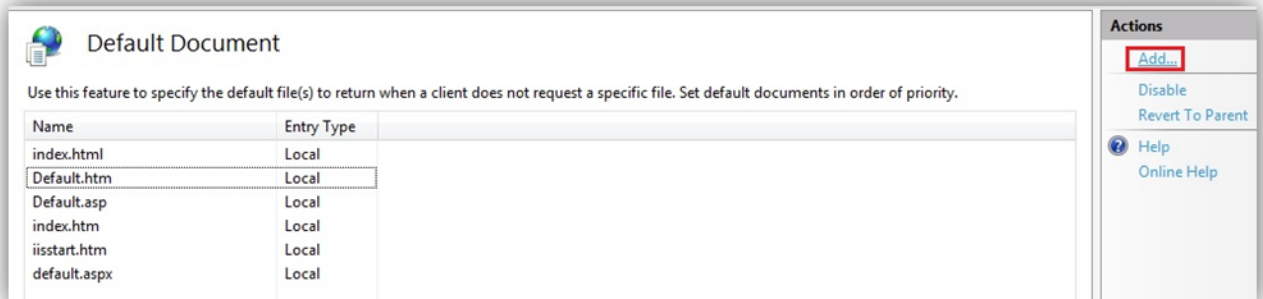


F. Set Login.aspx as Default Page

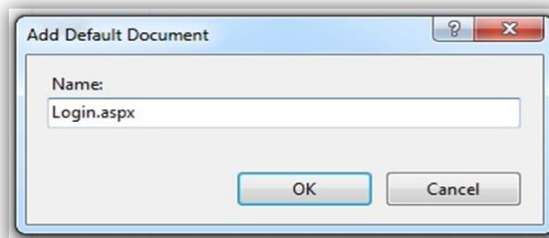
1. Click on **EStaff** -> Double click on “**Default Document**”.

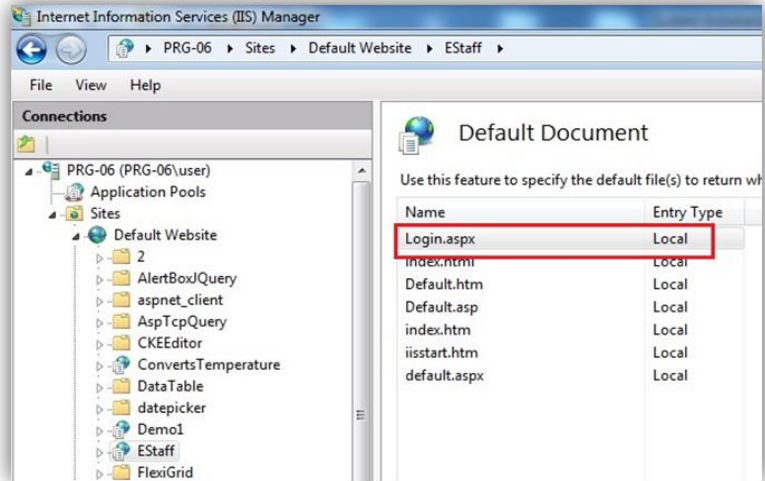


2. Click on “**Add**” below the Actions.



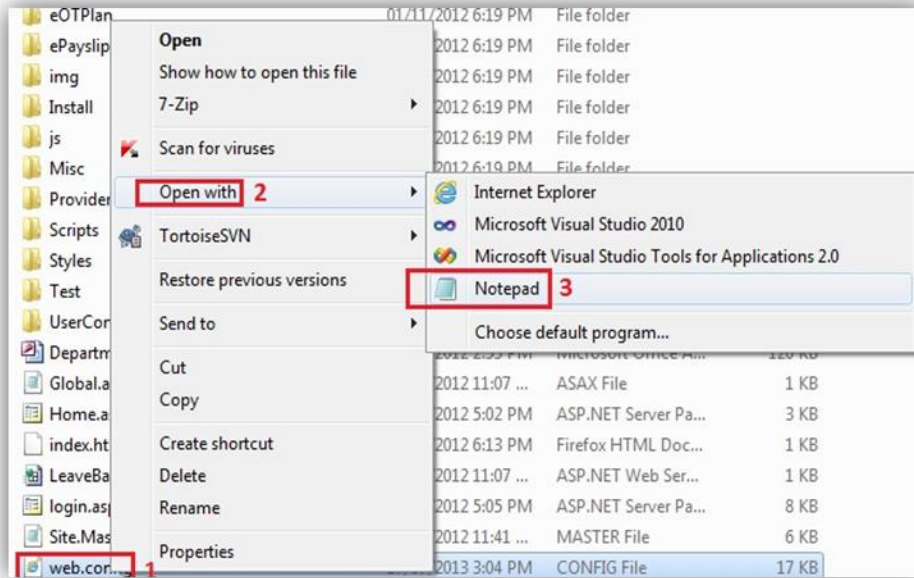
3. Enter “**Login.aspx**” as the name and click on “**OK**” button.





G. Modify Database Path in Web.config

1. Go to **EStaff** Folder.
2. Right click on "**web.config**" and open with **Notepad**.



3. Modify **Connection String** value.

```
Data Source=[Fill in Server Name]; Initial Catalog=[Fill in Database Name]; uid=flexi;  
pwd=flexi9979
```

First Location:

Link to EStaff Database

```
</appender>  
<appender name="ConsoleAppender" type="log4net.Appender.ConsoleAppender">  
  <layout type="log4net.Layout.PatternLayout">  
    <conversionPattern value="%date [%thread] %-5level %logger [%property{NDC}] - %message%newline" />  
  </layout>  
</appender>  
<appender name="ADONetAppender" type="log4net.Appender.ADONetAppender">  
  <bufferSize value="1" />  
  <connectionType value="System.Data.SqlClient.SqlConnection, System.Data, Version=2.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089" />  
  <connectionString value="Data Source=PRG-06;Initial Catalog=FlexiEModule;uid=flexi;pwd=XXXXXXXX" />  
  <commandText value="INSERT INTO Log ([Date],[Thread],[Level],[Logger],[Message],[Exception],[IP],[Co  
  <parameter>  
    <parameterName value="@log_date" />  
    <dbType value="DateTime" />  
  </parameter>  
</layout type="log4net.Layout.RawTimeStampLayout" />
```

Second Location:

A) Link to AutoHR Database

B) Link to EStaff Database

```
<appSettings>
  <!-- ***** Encryption Key ***** -->
  <add key="encryptionKey" value="flexi" />
  <add key="log4net.Internal.Debug" value="true" />
</appSettings>
<connectionStrings>
A <add name="FlexiHRMSPayConnectionString" connectionString="Data Source=PRG-06;Initial Catalog=iFlexi_HRMS;Integrated S
B <add name="FlexiEModuleConnectionString" connectionString="Data Source=PRG-06;Initial Catalog=FlexiEModule;Integrated
</connectionStrings>
<system.web>
  <compilation strict="false" explicit="true" targetFramework="4.0">
  <assemblies>
    <add assembly="DevExpress.web.v11.2, Version=11.2.5.0, Culture=neutral, PublicKeyToken=B88D1754D700E49A" />
    <add assembly="System.Design, Version=4.0.0.0, Culture=neutral, PublicKeyToken=B03F5F7F11D50A3A" />
  </assemblies>
</system.web>
```

4. **Save** the web.config.

H. Generate e-Staff Database & Tables

1. Browse the URL: <localhost/EStaff/Install/Setup.aspx>, then waiting for system generates tables automatically.

localhost/eStaff/install/setup.aspx

iFLEX HRMS

Installing EStaff

Version: 1.0.4.0

Installation Status Report

00:00:00.0300000 - Installing Assembly Version: 1.0.4.0
00:00:00.0300000 - Installing EStaff Version: 1.0.4.0
00:00:00.0300000 - Installing Membership Provider:
00:00:00.0400001 - Executing Script: EStaff0.0.0.0.sql 00:00:00.3980010 - Success Execute!
00:00:00.3980010 - Executing Script: EStaffAccessRight.sql 00:00:00.8680017 - Success Execute!

Installation Complete


Click Here To Continue Installation.

Click "Here" to continue the installation.

2. Click "Here" to continue installation.

3. After finished, click on “Click Here to Access Your EStaff” to start access your EStaff system.

localhost/eStaff/Install/install.aspx



Installing EStaff

Version: 1.0.4.0

Click "Here" to access the system.

Installation Status Report

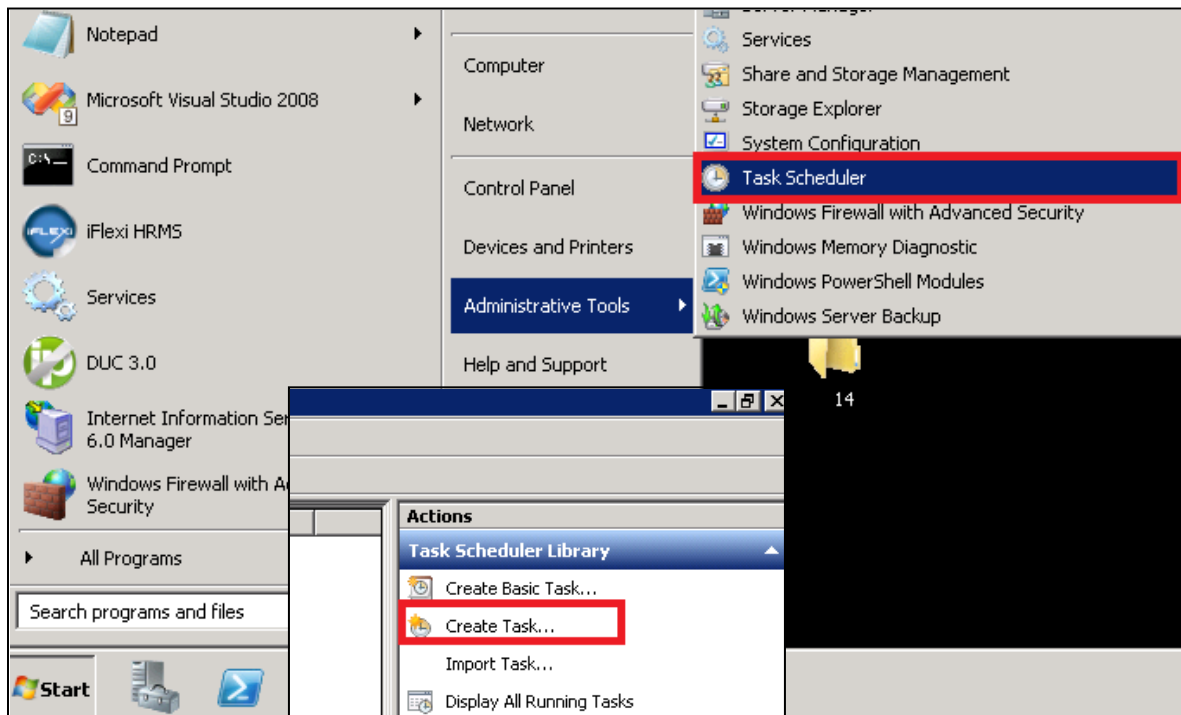
```
00:00:00 - Installing Assembly Version: 1.0.4.0
00:00:00 - Installing EStaff Version: 1.0.4.0
00:00:00 - Installing Membership Provider:
00:00:00.0100000 - Executing Script: EStaff1.0.0.0.sql 00:00:00.2800003 - Success Execute!
00:00:00.2800003 - Executing Script: EStaff1.0.1.1.sql 00:00:00.3400004 - Success Execute!
00:00:00.3400004 - Executing Script: EStaff1.0.2.1.sql 00:00:00.4300006 - Success Execute!
00:00:00.4300006 - Executing Script: EStaff1.0.3.1.sql 00:00:00.5600007 - Success Execute!
00:00:00.5600007 - Executing Script: EStaff1.0.3.2.sql 00:00:00.6600009 - Success Execute!
00:00:00.6600009 - Executing Script: EStaff1.0.3.3.sql 00:00:00.6700009 - Success Execute!
00:00:00.6700009 - Executing Script: EStaff1.0.3.4.sql 00:00:00.7000009 - Success Execute!
00:00:00.7000009 - Executing Script: EStaff1.0.3.5.sql 00:00:00.7300010 - Success Execute!
00:00:00.7300010 - Executing Script: EStaff1.0.3.6.sql 00:00:00.7620011 - Success Execute!
00:00:00.7620011 - Executing Script: EStaff1.0.3.7.sql 00:00:00.7720011 - Success Execute!
00:00:00.7720011 - Executing Script: EStaff1.0.3.8.sql 00:00:00.7920012 - Success Execute!
00:00:00.7920012 - Executing Script: EStaff1.0.3.9.sql 00:00:00.8320012 - Success Execute!
00:00:00.8320012 - Executing Script: EStaff1.0.4.0.sql 00:00:00.8420012 - Success Execute!
00:00:00.8420012 - Executing Script: EStaffAC.sql 00:00:00.9320014 - Success Execute!
00:00:00.9320014 - Executing Script: EStaffEmail.sql 00:00:01.1520017 - Success Execute!
```

Installation Complete

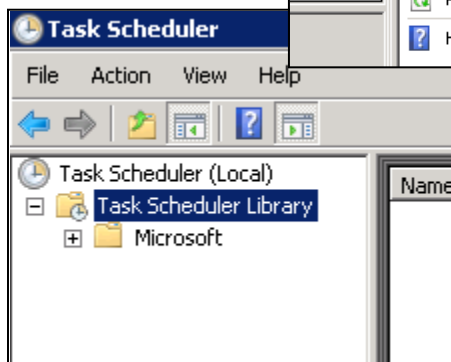
[Click Here To Access Your EStaff](#)

I. Setup CallService in Task Scheduler

1. Go to **Start -> Administrative Tools -> Task Scheduler**.



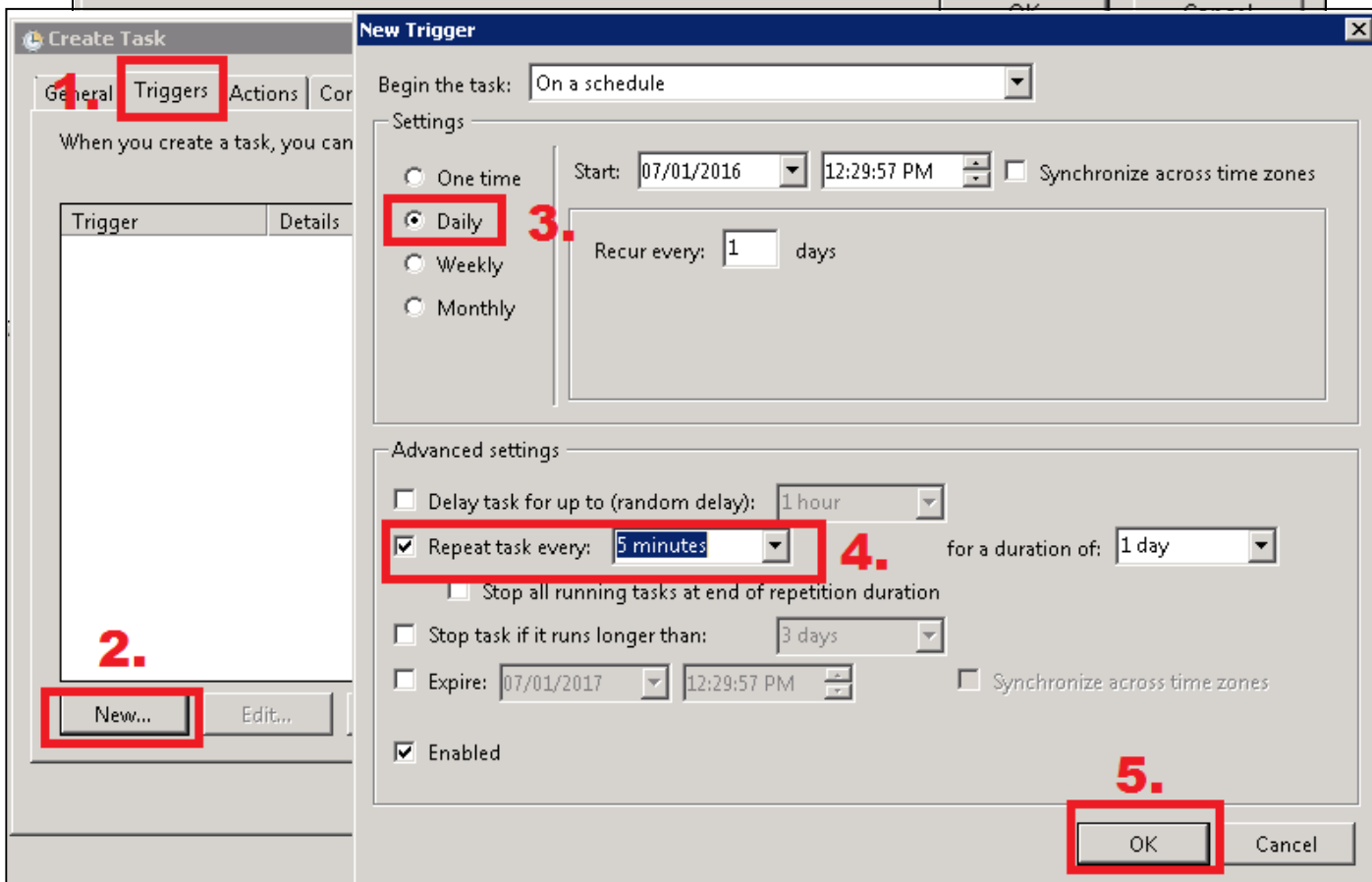
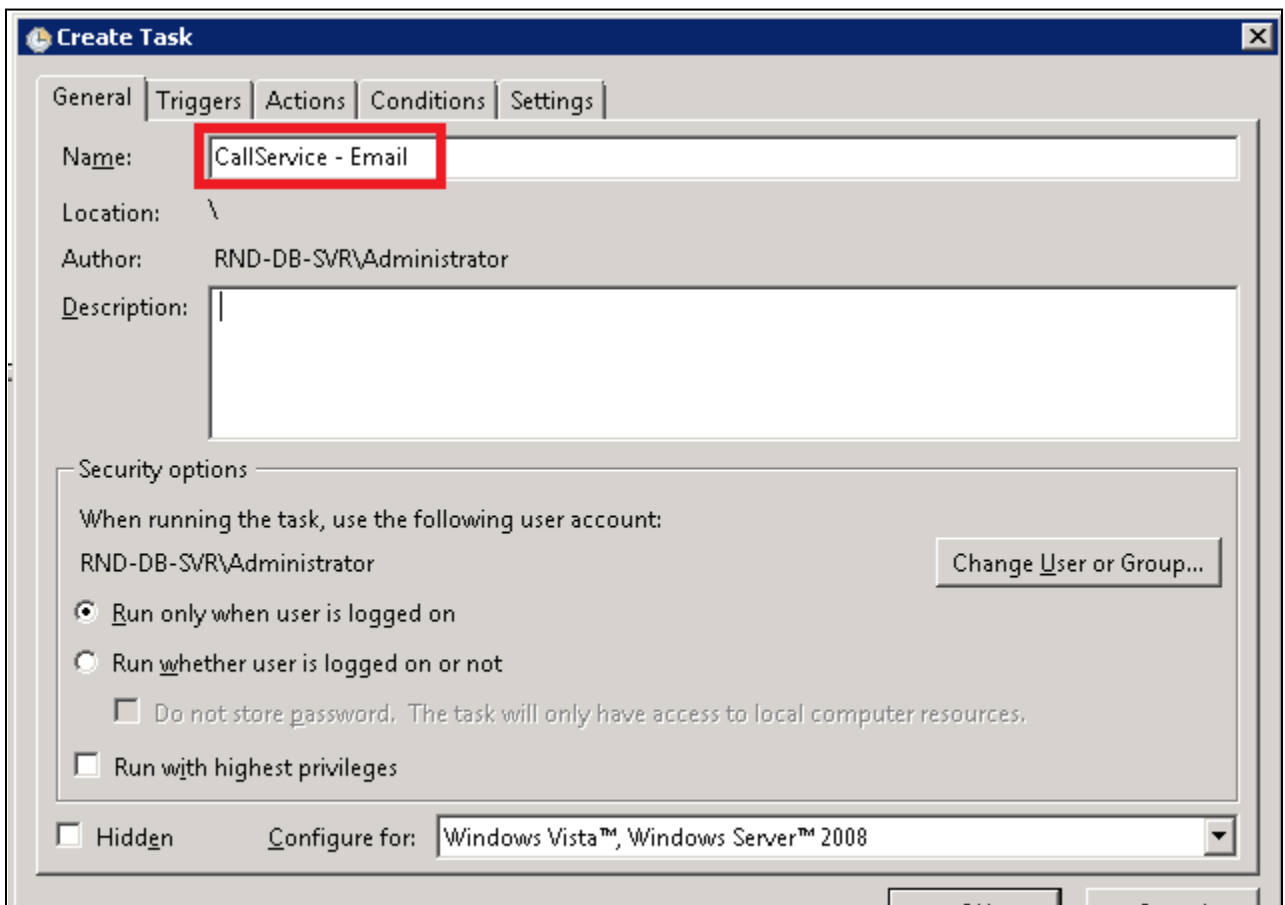
2. Select **Task**

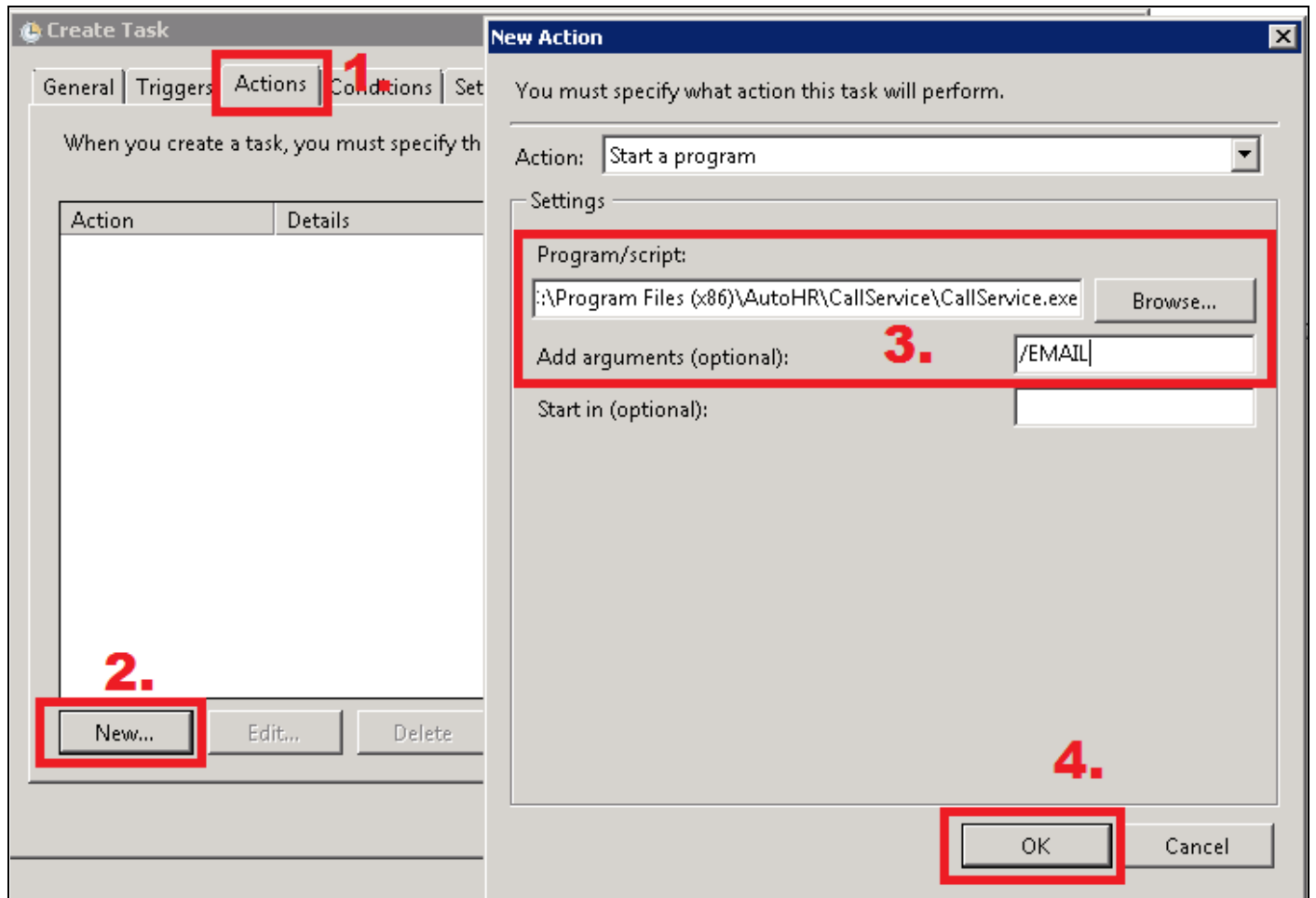


Scheduler Library in left panel.

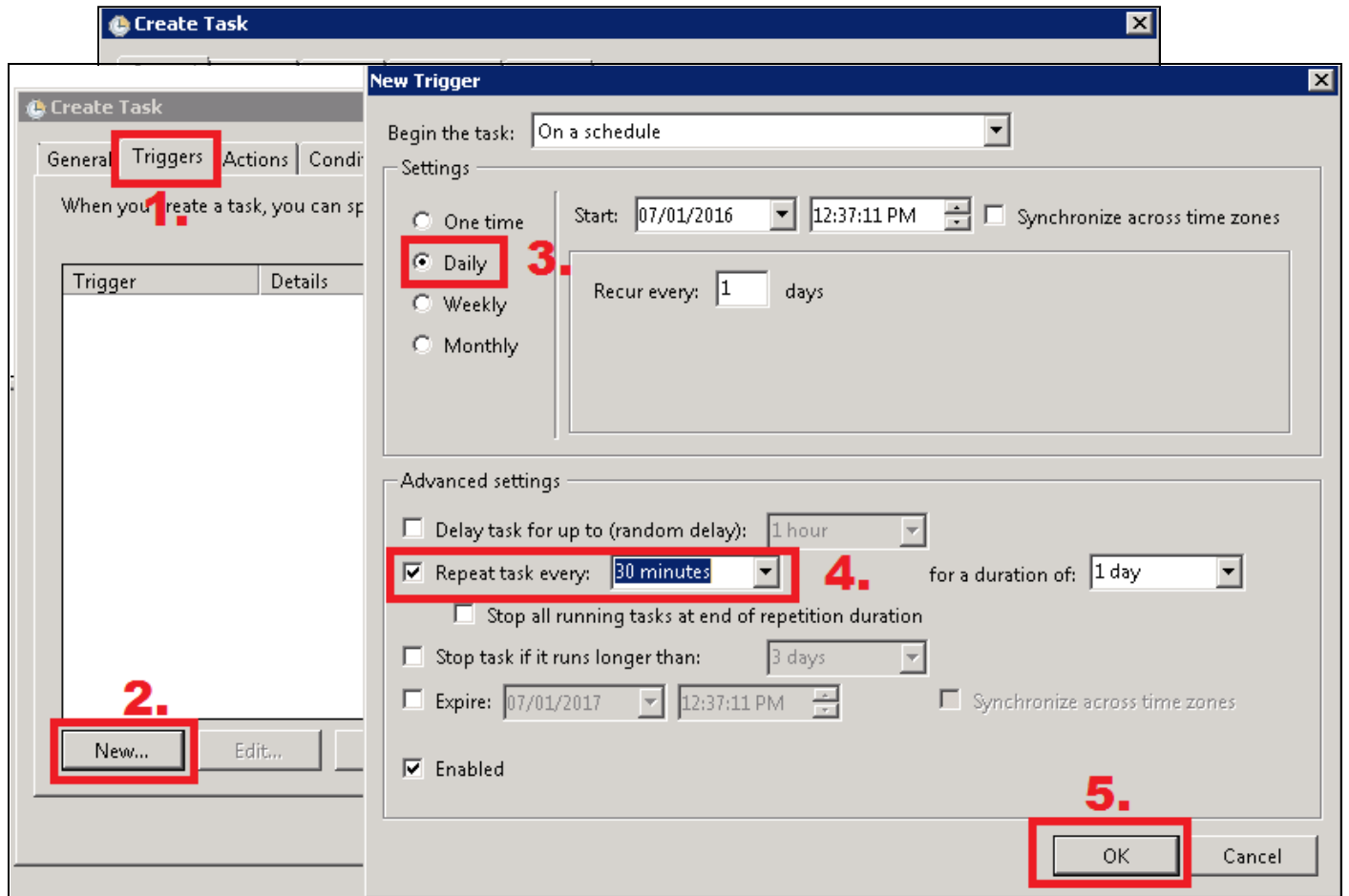
3. Click **Create Task...** in right panel.

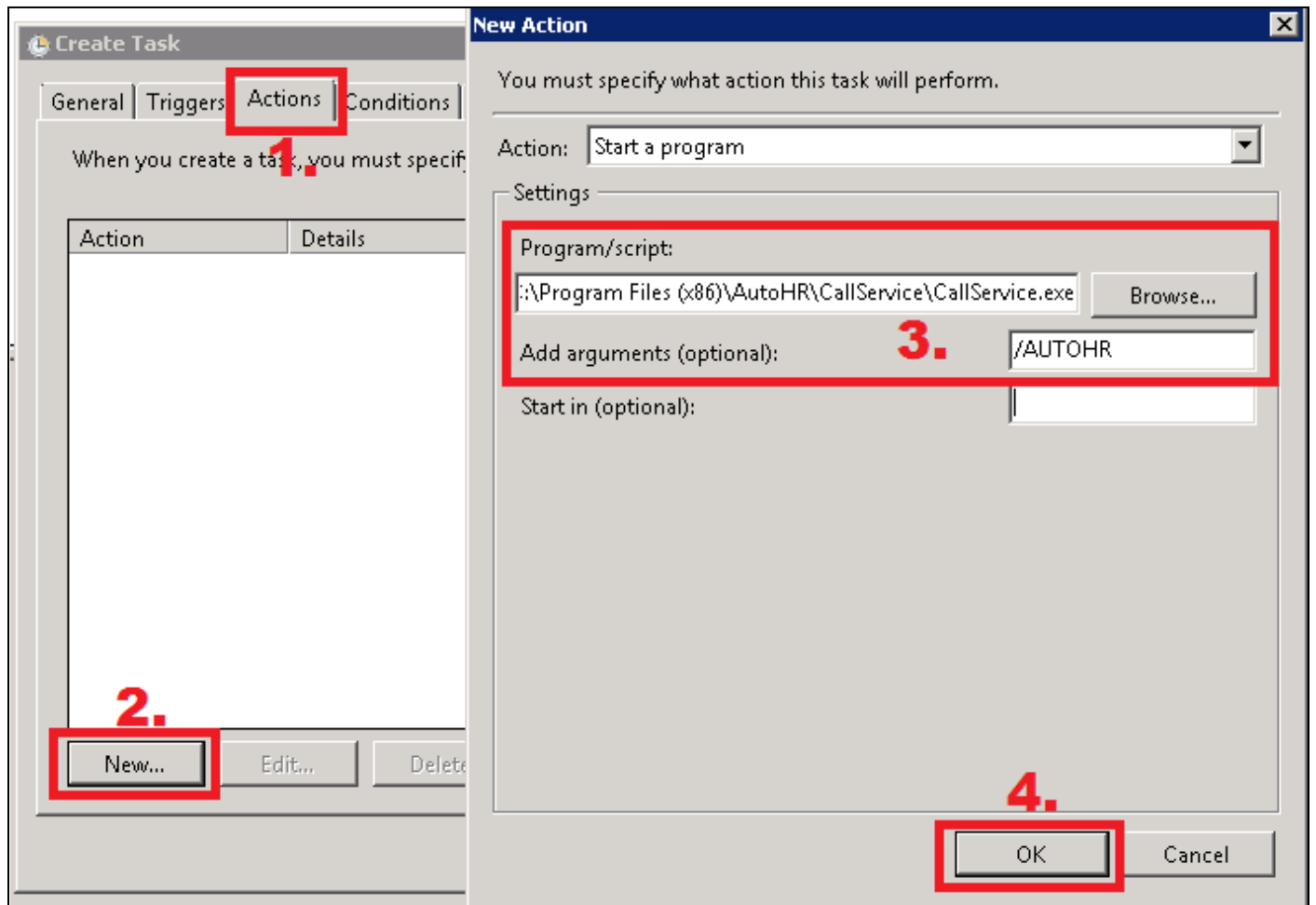
4. Add Task : CallService – Email





5. Click **OK** to Save.
6. Add Task : **CallService – AutoHR**

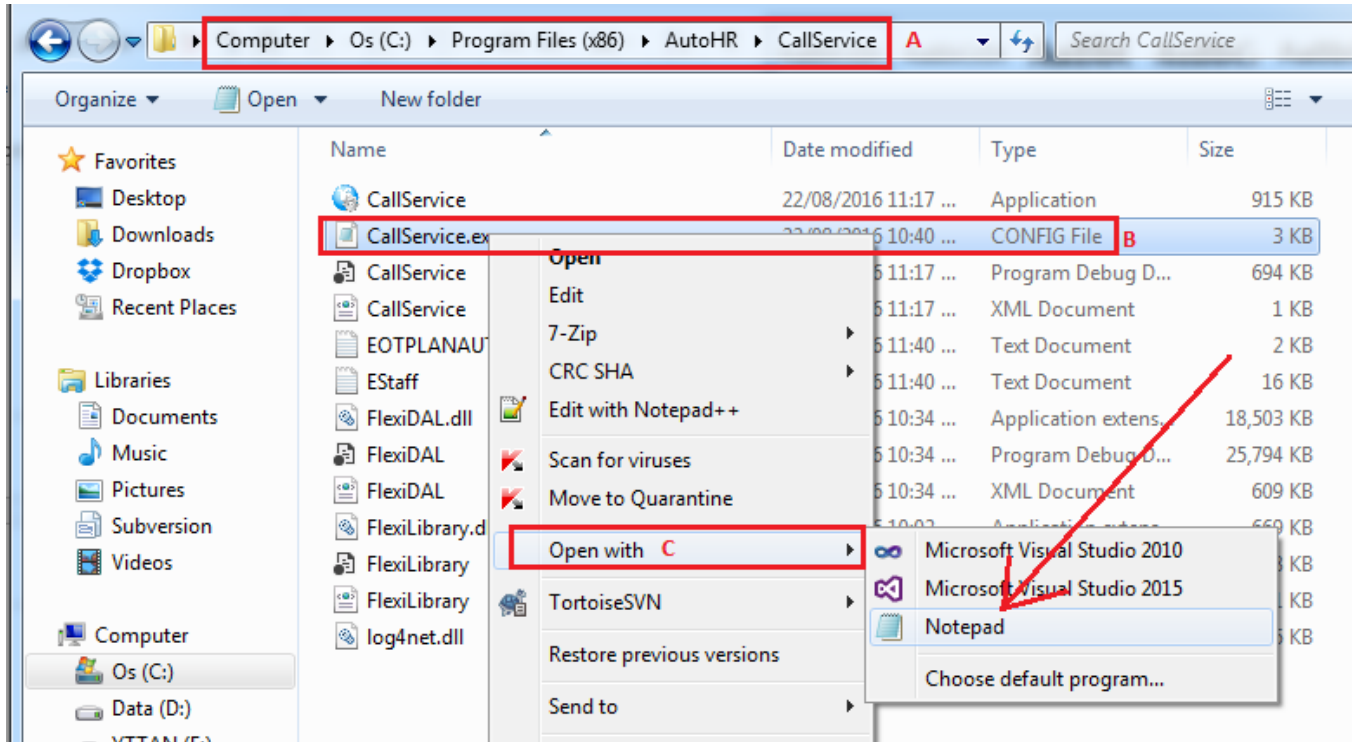




7. Click **OK** to Save.

J. Configure CallService Connection String

1. Go to **CallService** Folder.



2. Right click on "CallService.exe web.config" and open with **Notepad**.
3. Modify **Connection String** value.

```
CallService.exe.config
1 <?xml version="1.0"?>
2 <configuration>
3 <configSections>
4 <configSections>
5 <appSettings>
6 <add key="StartAutoHR" value="True" />
7 <add key="encryptionKey" value="flexi" />
8 <add key="ClientSettingsProvider.ServiceUri" value="" />
9 </appSettings>
10 <connectionStrings>
11 <add name="EStaffConnectionString" connectionString="Data Source=PRG-06\SQLEXPRESS2008;Initial Catalog=eStaff_EEW;Persist Security Info=True;User=
12 <add name="FlexiHRMSConnectionString" connectionString="Data Source=PRG-06\SQLEXPRESS2008;Initial Catalog=iFlexi_EEW;Persist Security Info=True;User=
13 </connectionStrings>
14 </startup>
15 <supportedRuntime version="v4.0" sku=".NETFramework,Version=v4.0" />
16 </startup>
17 </system.web>
```

- A) Link to eStaff system database.
- B) Link to iFlexi HRMS Payroll system database.


K. Testing Your EStaff Site

Browse URL: <http://localhost/Estaff>

Test login as administrator:

ID: flexi

Password: flexi9979

 **User Login**

Username:



Password:

Remember Me


If you forget your password, click [HERE](#)

Welcome To e-Staff System

HR e-Leave Management System

 Updated:9/26/2012 11:17:52 PM  Created by YTTAN

[Open/Close](#)

Notification 

Frequently Ask Questions

1. Can E-Staff System run under SSL standard (https://) ?

Yes, but SSL Digital Cert is required to install in your Web server. And this SSL Cert cost some money.

