



# inteGREAT4TFS Installation Guide



## INTRODUCTION

This Installation Guide elaborates the installation of inteGREAT4TFS using detailed steps. The guide is divided into the following three sections:

1. System Requirements
2. Installation Process
3. Activation

The second section deals with the actual installation procedure while the third second section describes the process of activation after successful installation

The document also has an appendix that explains the process to update the Windows Credentials for inteGREAT4TFS (in case the user changes his Windows' password after installing inteGREAT4TFS).

## SYSTEM REQUIREMENTS

### SOFTWARE REQUIREMENTS

1. Operating System: Windows Server 2012, 2008 or Windows 7, 8, 8.1,10
2. Internet Explorer 10 or above, Chrome
3. IIS 6.2 or above
4. Microsoft .Net Framework 4.5
5. ASP.NET 4
6. ASP.NET MVC 4
7. Microsoft Team Explorer 2015, 2013 or Microsoft Visual Studio 2015, 2013

Note: Both 32-bit and 64-bit versions of the operating systems are supported

### HARDWARE REQUIREMENTS

1. RAM: At least 4GB (higher required if executing TFS Work Item Queries greater than 100,000)
2. Hard Drive Space: 200 MB

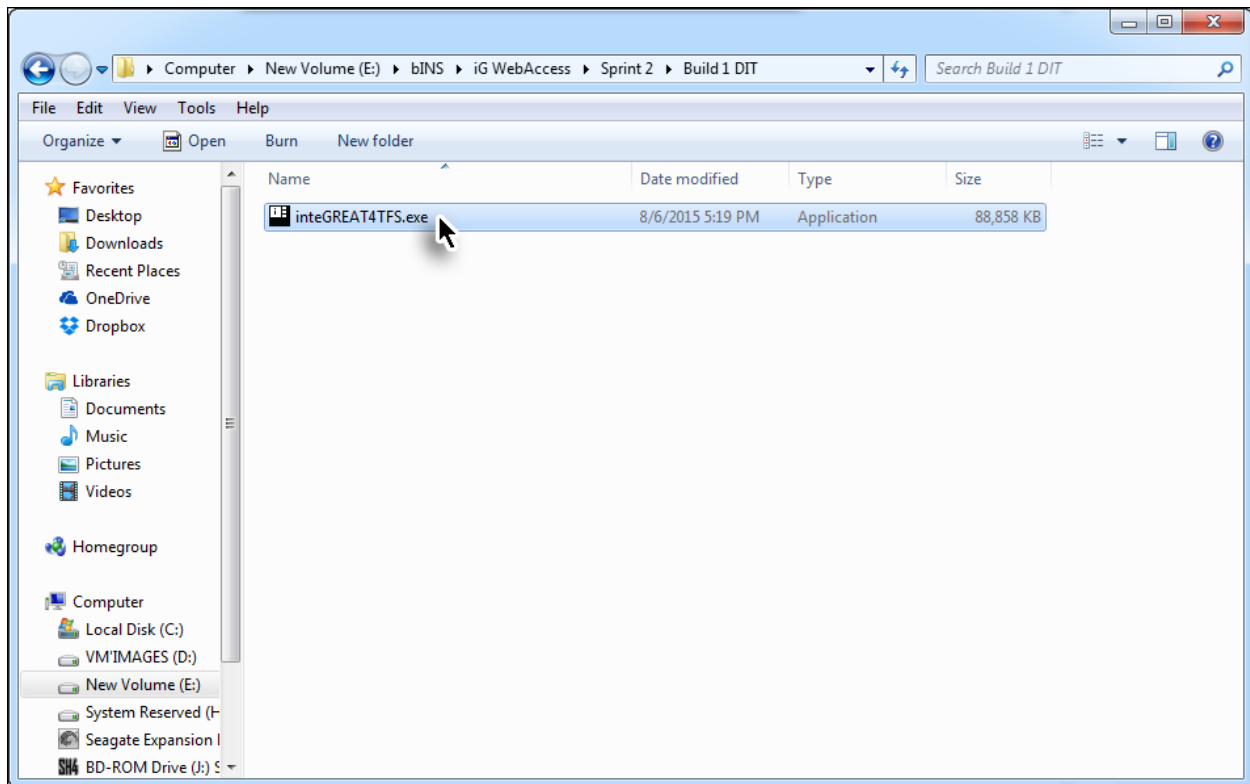
## INSTALLATION PROCESS

### INSTALLATION GUIDELINES

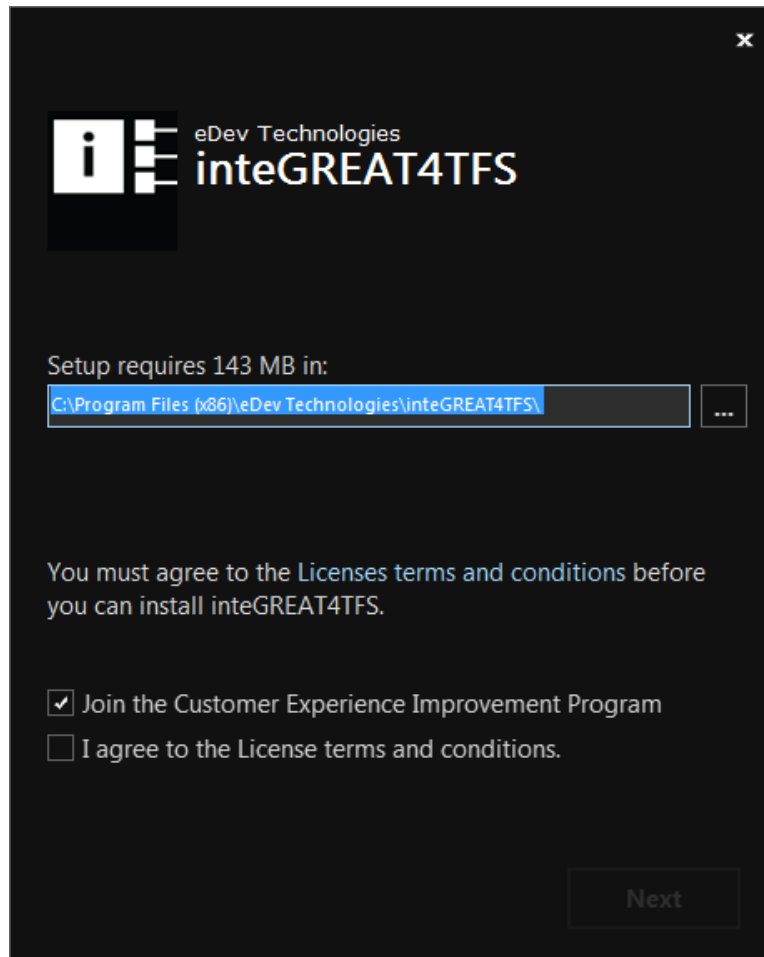
- Users are provided with a single installation file i.e. **inteGREAT4TFS.exe**
- Since inteGREAT4TFS is a web-based application, it is preferable to install the file on a server; however any machine with IIS 6.2 or later installed would suffice.
- The Installation is required only once. After installation all the users with proper access rights can use the application even if they haven't installed any of the installation files on their local machine.

### INSTALLING INTEGREAT4TFS

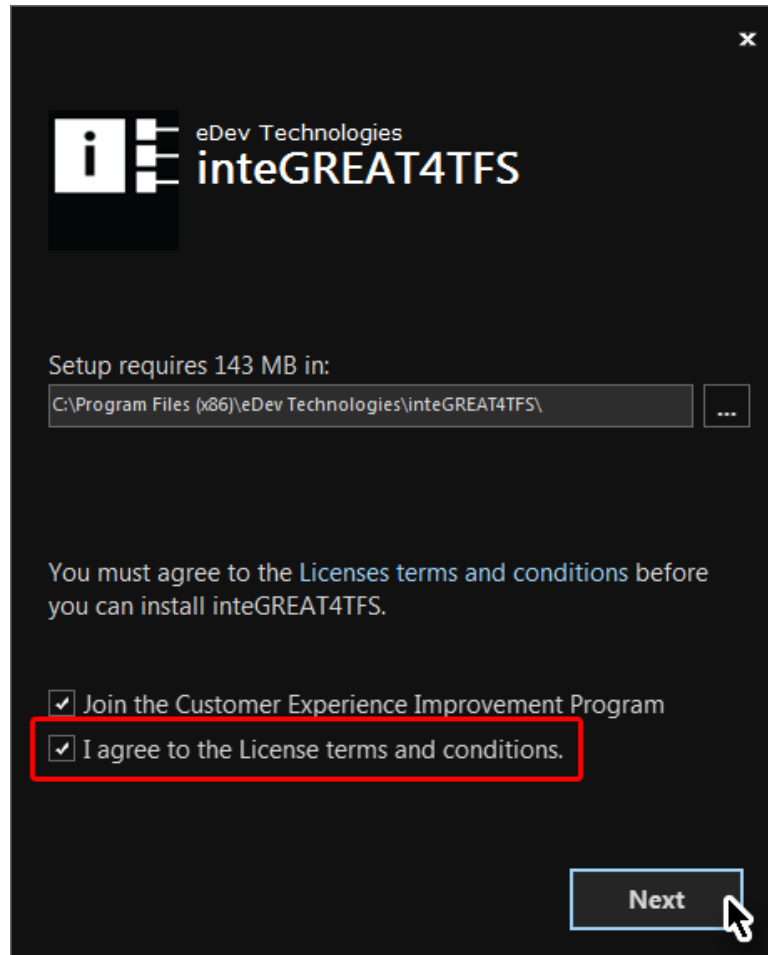
1. Double click on the **inteGREAT4TFS.exe** file to start the installation process.



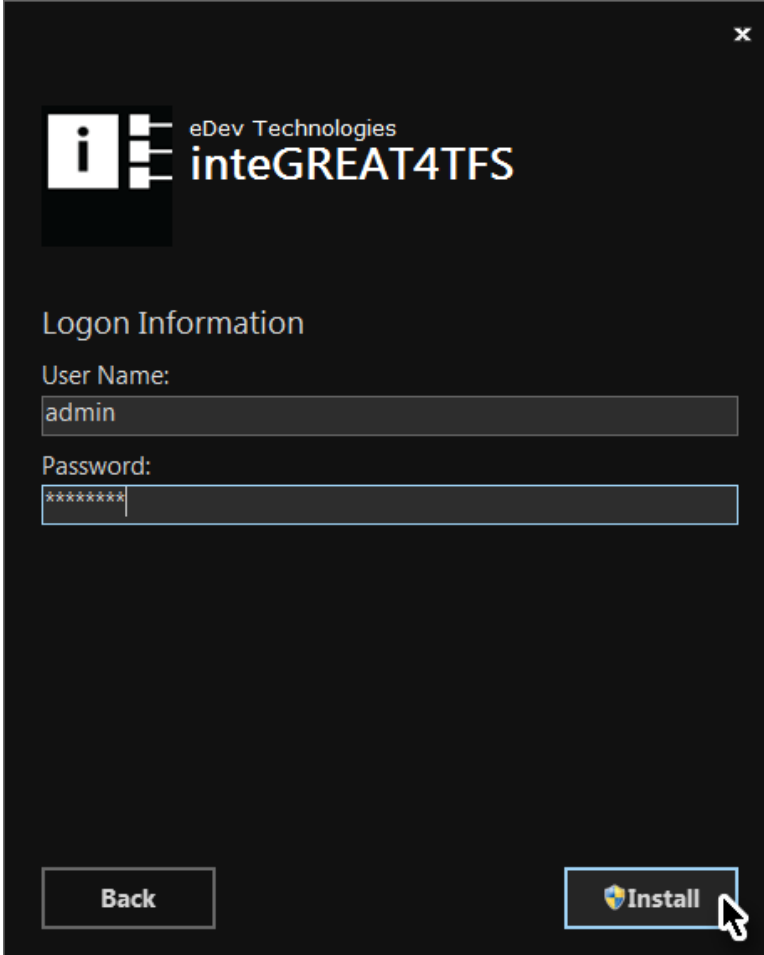
The initial installation screen appears requiring the user to accept the terms and conditions for using the application.



2. Select the terms and conditions agreement check box and then click the **Next** Button.



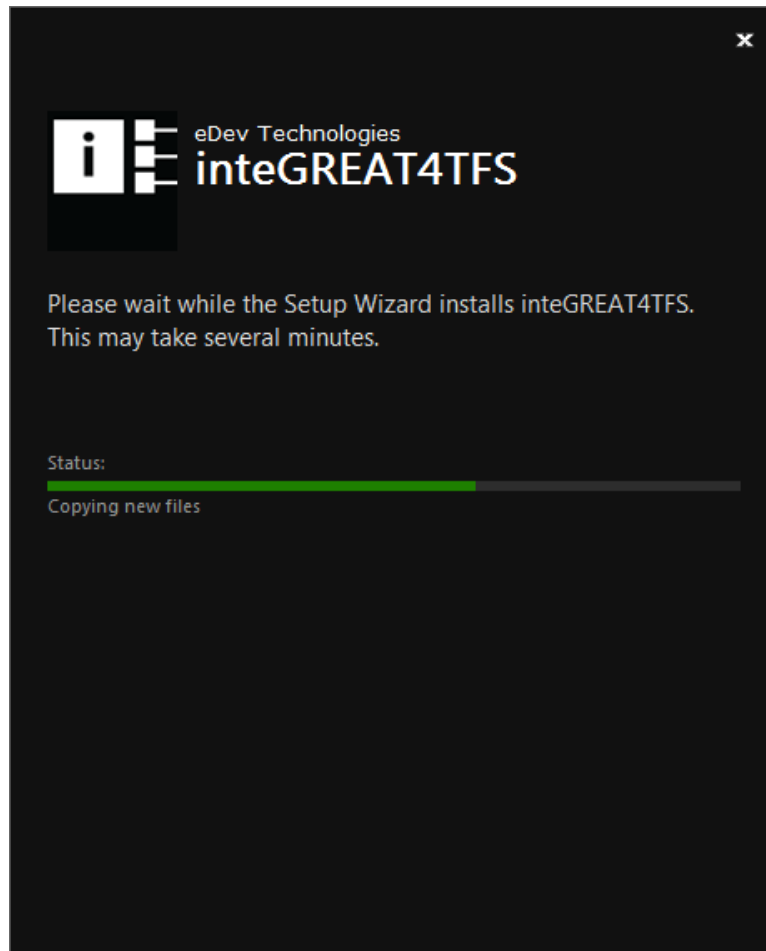
3. Enter Windows credentials (for user login for the PC where the Services are being installed) and then click the **Install** Button.



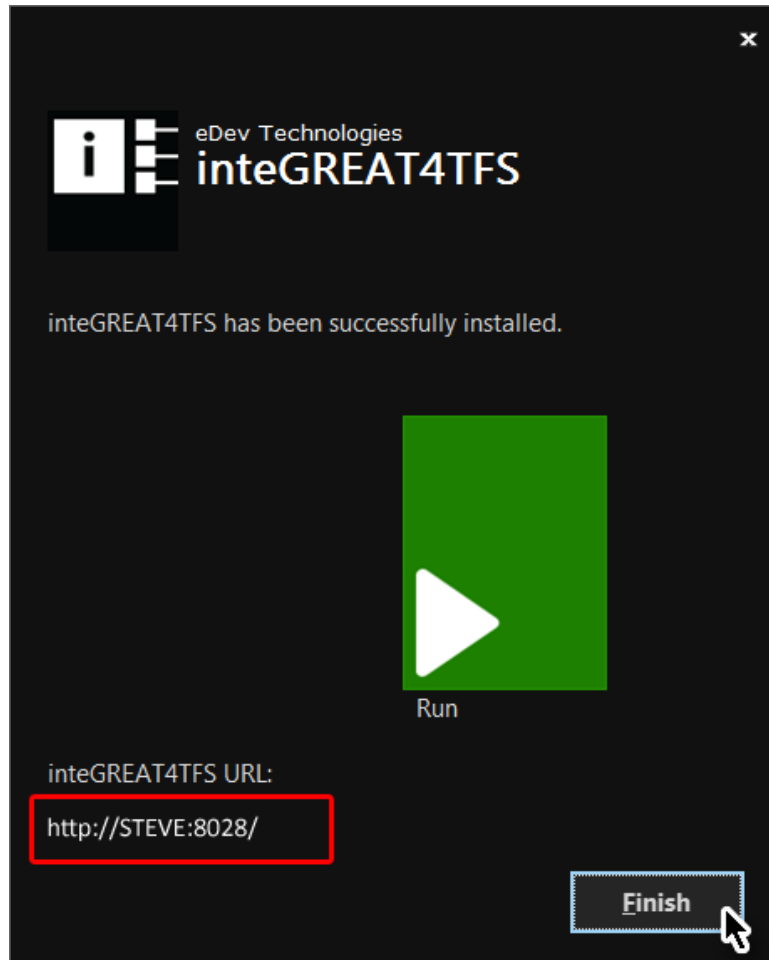
Note: If a user changes his Windows Credentials then InteGREAT4TFS won't be able to use those credentials. In such a case the user has to update the saved settings for the service. The process to do so is explained under **Appendix B** at the end of this guide.

4. Click **Yes** Button in the warning message box.

The relevant files are installed.



5. Complete the Installation of **Services** by clicking the **Finish** Button.



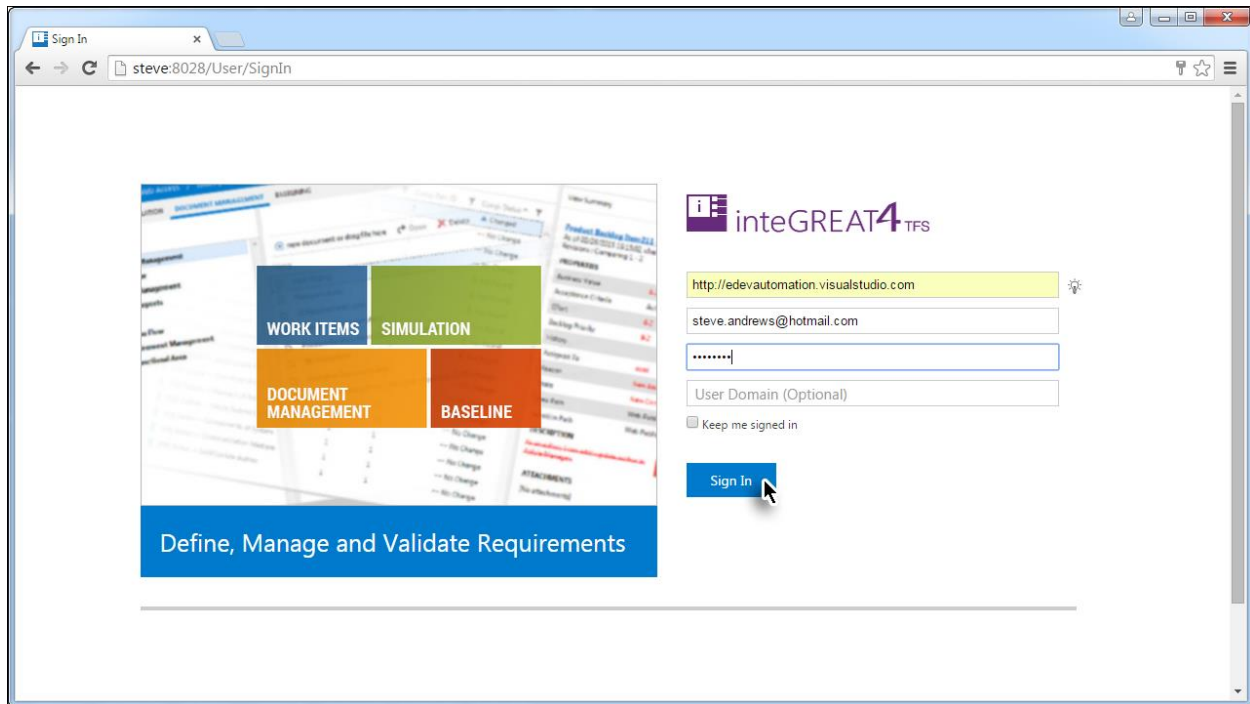
Please note down the Service URL (highlighted in the above images). This would be helpful later on.

This completes the installation process of inteGREAT4TFS.

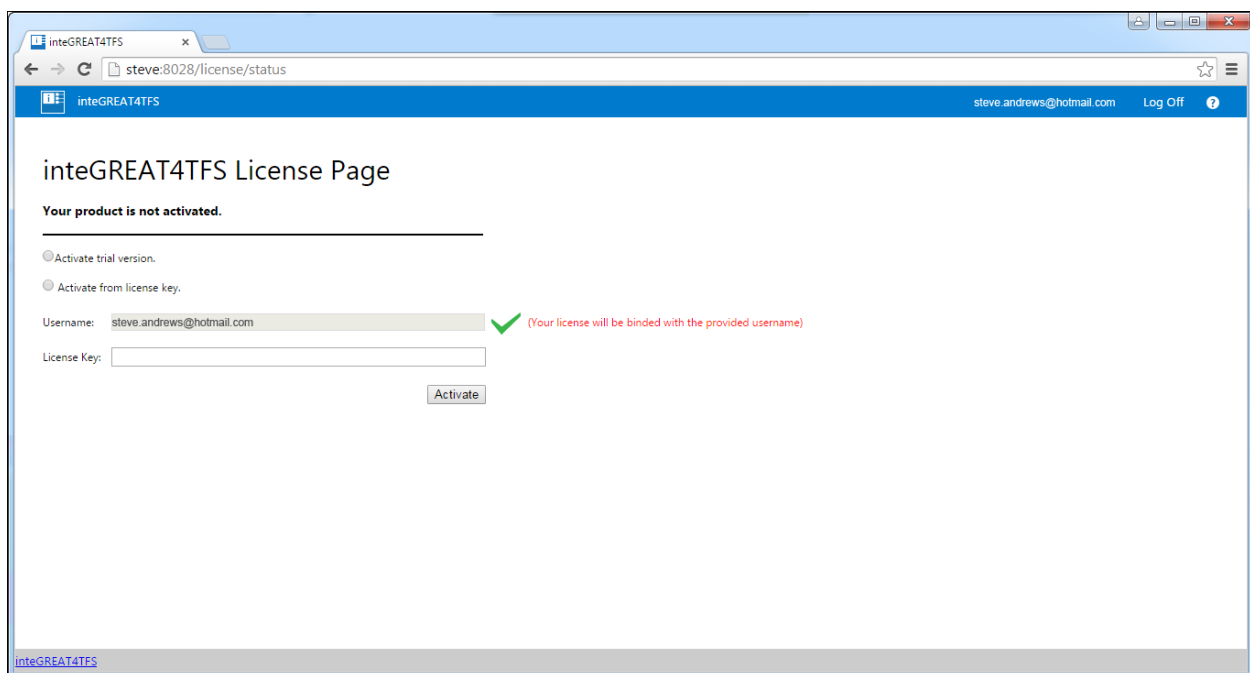


## ACTIVATION

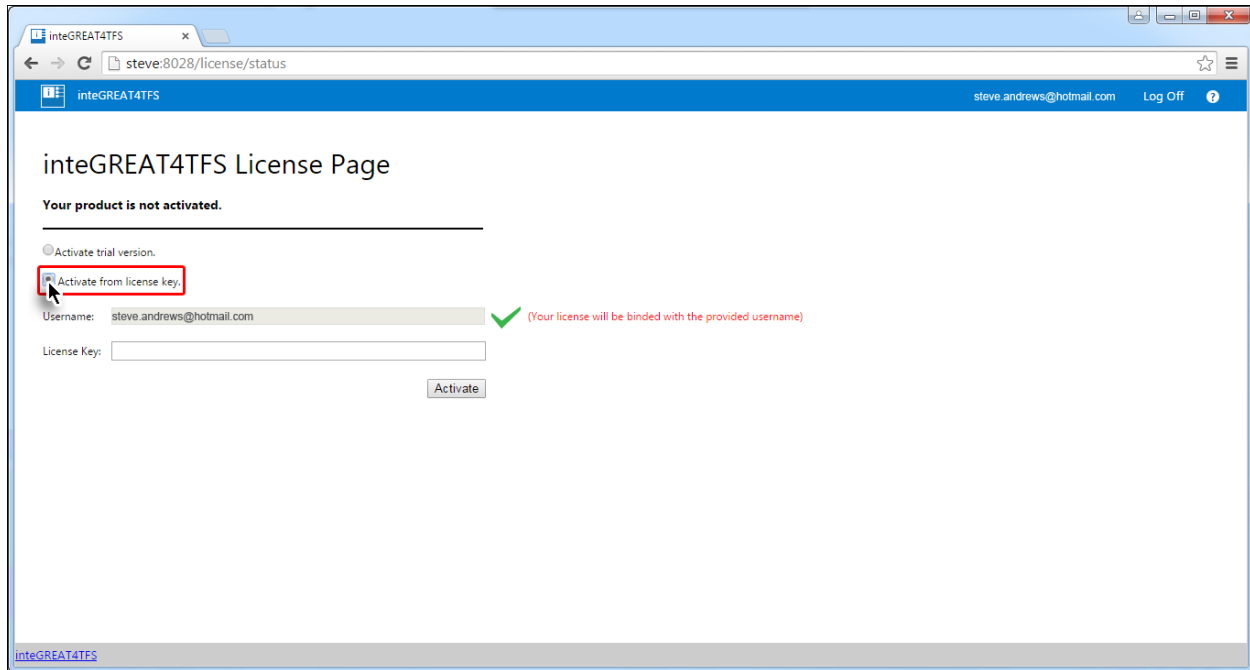
1. Open a browser window and enter the path shown at the end of installation followed by a colon and 8028/User/SignIn e.g. "**http://steve:8028/User/SignIn**".
2. Click the **Sign In** Button on the Sign In Page.



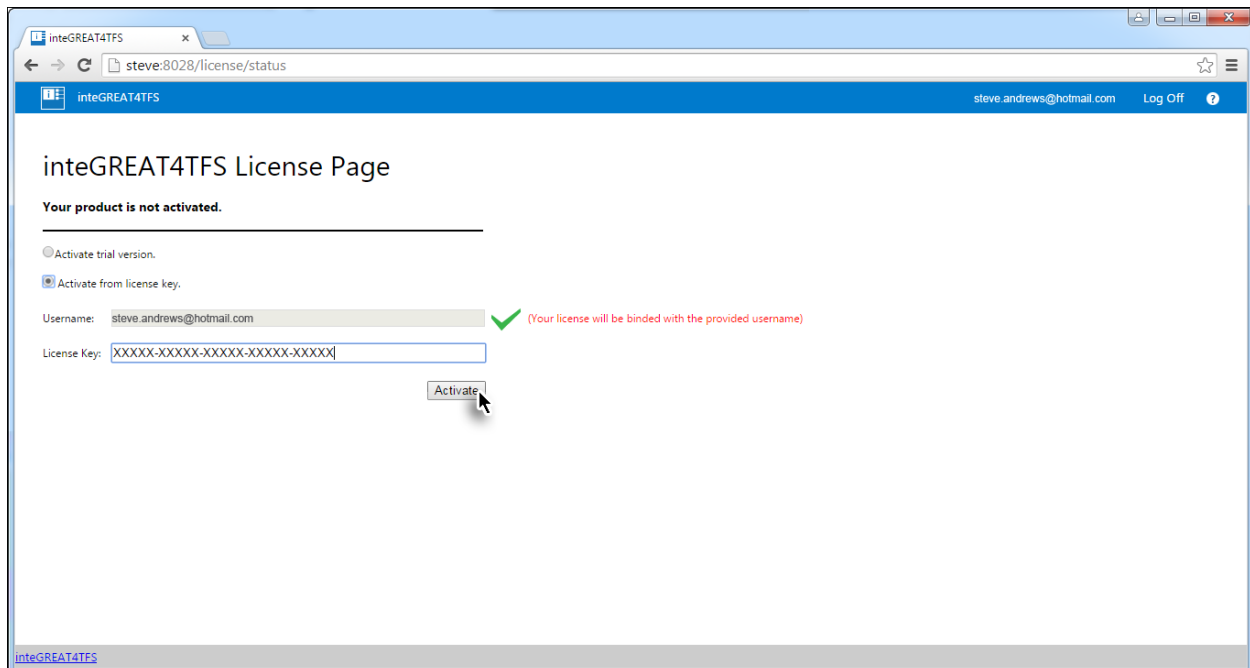
If inteGREAT4TFS has not been activated yet; the user is taken to the License Activation Page.



3. Select **Activate from License Key** option.



4. Enter relevant license key and click the **Activate** Button.

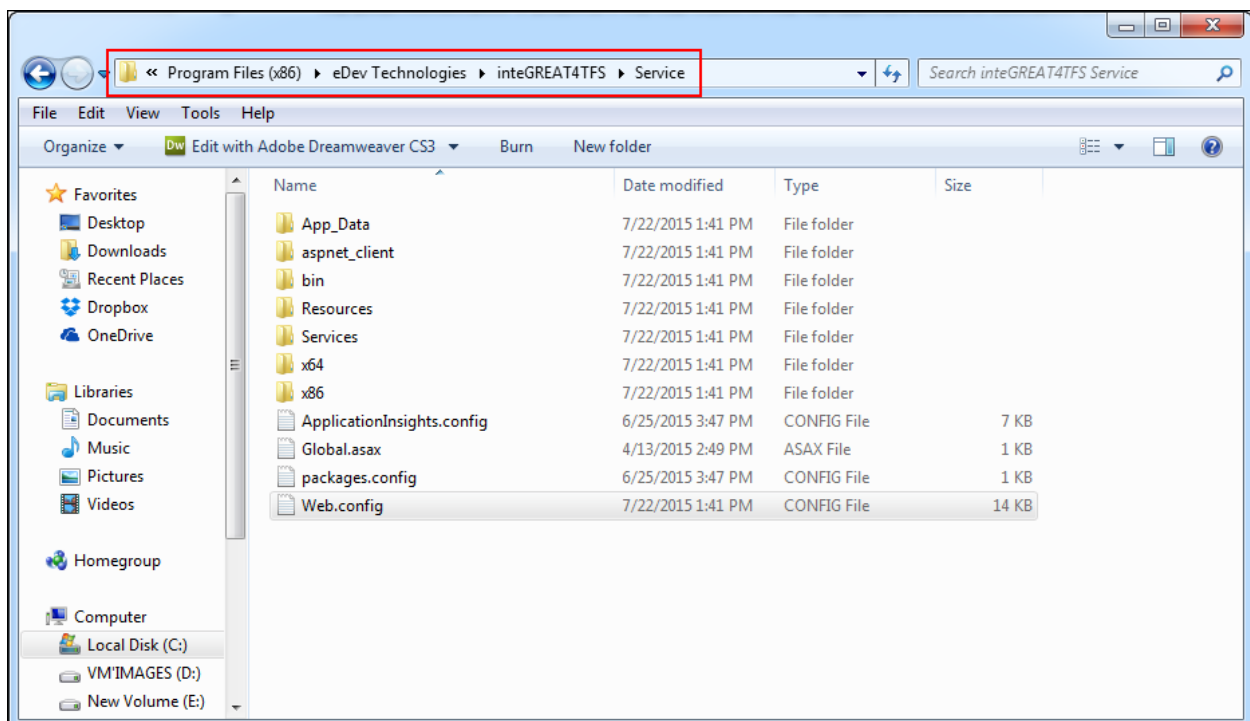


On successful activation, the user is taken to the Browse Page, from where the desired Team Project can be opened.

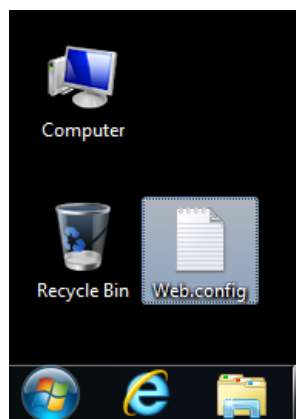
## APPENDIX A: EMAIL CONFIGURATION FOR FEEDBACK OPTION

The email configuration is essential if the user wants to use the Feedback option in Simulation Module. This is because inteGREAT4TFS automatically sends out emails to concerned stakeholders to get their feedback. If the email settings are not properly configured then these emails can't be sent out and the feedback option cannot function properly. Following steps should be taken to configure the email settings for inteGREAT4TFS:

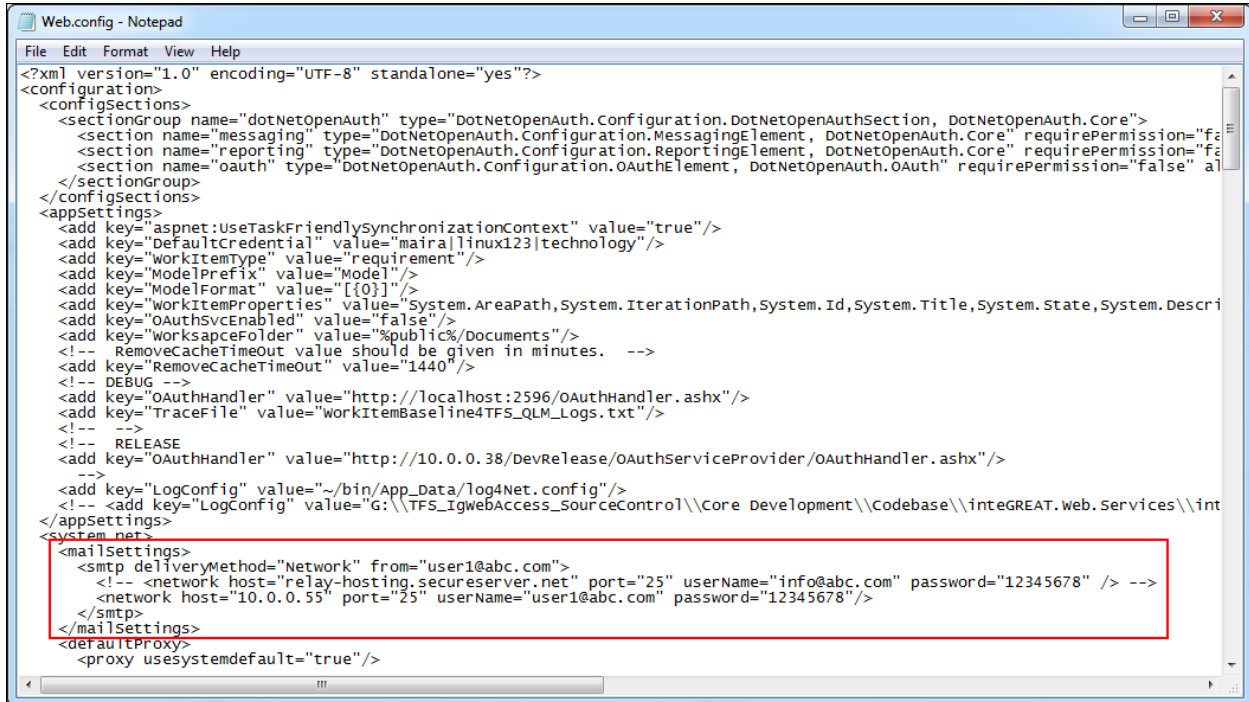
1. Navigate to the following location on your computer: **"C:\Program Files (x86)\eDev Technologies\inteGREAT4TFS\Service"**.



2. Copy the **"Web.config"** file to another location (e.g. desktop) for editing.



- Open the file using a text editor (e.g. Notepad).



```

Web.config - Notepad
File Edit Format View Help
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<configuration>
  <configSections>
    <sectionGroup name="dotNetOpenAuth" type="DotNetOpenAuth.Configuration.DotNetOpenAuthSection, DotNetOpenAuth.Core">
      <section name="messaging" type="DotNetOpenAuth.Configuration.MessagingElement, DotNetOpenAuth.Core" requirePermission="false" />
      <section name="reporting" type="DotNetOpenAuth.Configuration.ReportingElement, DotNetOpenAuth.Core" requirePermission="false" />
      <section name="oauth" type="DotNetOpenAuth.Configuration.OAuthElement, DotNetOpenAuth.OAuth" requirePermission="false" />
    </sectionGroup>
  </configSections>
  <appSettings>
    <add key="aspnet:UseTaskFriendlySynchronizationContext" value="true"/>
    <add key="DefaultCredential" value="mairalinux123|technology"/>
    <add key="workItemType" value="requirement"/>
    <add key="ModelPrefix" value="Model"/>
    <add key="ModelFormat" value="{0}" />
    <add key="workItemProperties" value="System.AreaPath, System.IterationPath, System.Id, System.Title, System.State, System.Description" />
    <add key="OAuthSvcEnabled" value="false"/>
    <add key="workspaceFolder" value="%public%\Documents"/>
    <!-- RemoveCacheTimeout value should be given in minutes. -->
    <add key="RemoveCacheTimeout" value="1440"/>
    <!-- DEBUG -->
    <add key="OAuthHandler" value="http://localhost:2596/OAuthHandler.ashx"/>
    <add key="TraceFile" value="workItemBaseline4TFS_QLM_Logs.txt"/>
    <!-- RELEASE -->
    <add key="OAuthHandler" value="http://10.0.0.38/DevRelease/OAuthServiceProvider/OAuthHandler.ashx"/>
    <!-->
    <add key="LogConfig" value="~/bin/App_Data/log4Net.config"/>
    <!-- <add key="LogConfig" value="G:\\TFS_IgwebAccess_SourceControl\\Core_Development\\Codebase\\inteGREAT.Web.Services\\int -->
  </appSettings>
  <system.net>
    <mailSettings>
      <smtp deliveryMethod="Network" from="user1@abc.com">
        <!-- <network host="relay-hosting.secureserver.net" port="25" userName="info@abc.com" password="12345678" /> -->
        <network host="10.0.0.55" port="25" userName="user1@abc.com" password="12345678"/>
      </smtp>
    </mailSettings>
    <defaultProxy>
      <proxy usesystemdefault="true"/>
    </defaultProxy>
  </system.net>

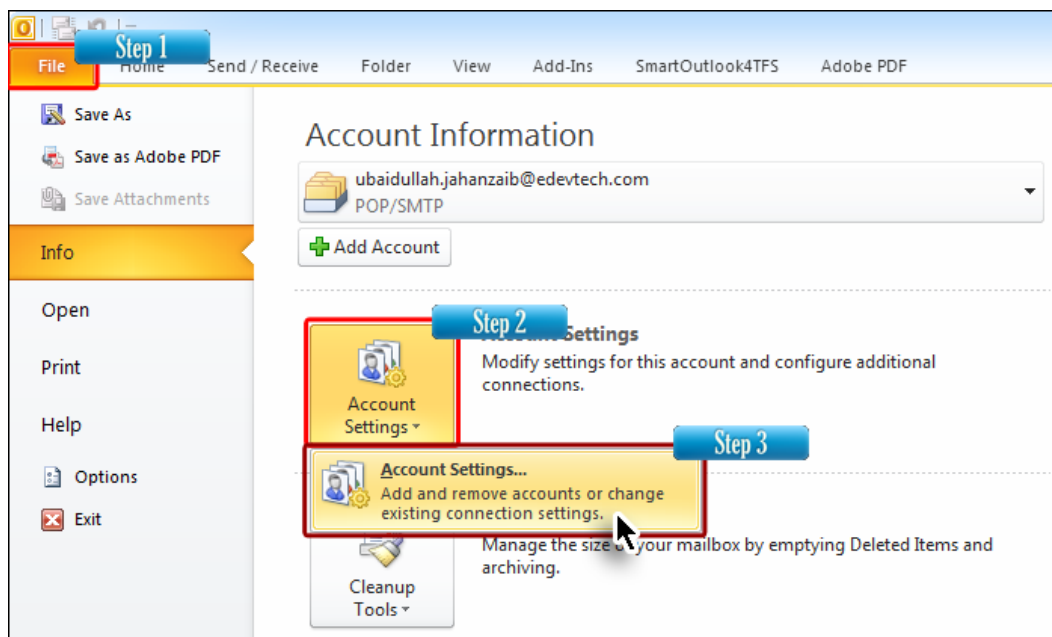
```

Note: The highlighted section in the above image shows the section of the file that needs to be configured properly.

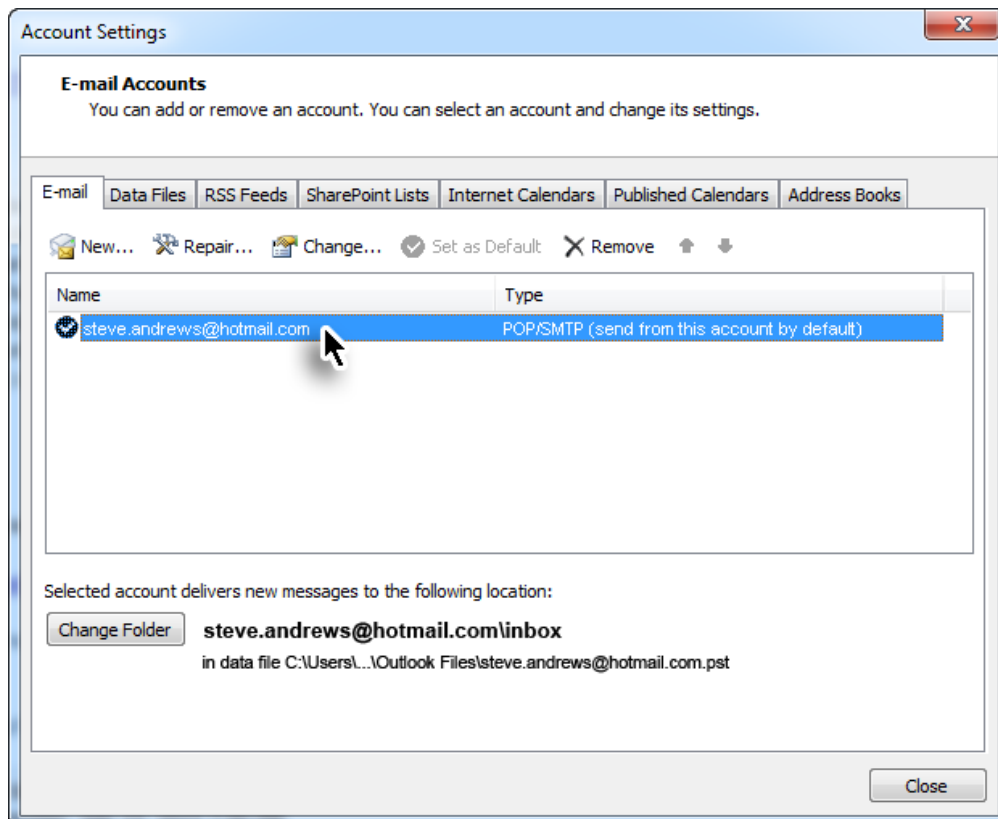
- Now open your email client / email reader (e.g. Microsoft Outlook).

Note: The following steps show the process for Microsoft Outlook. If you are using another email reader then refer to its documentation for relevant steps.

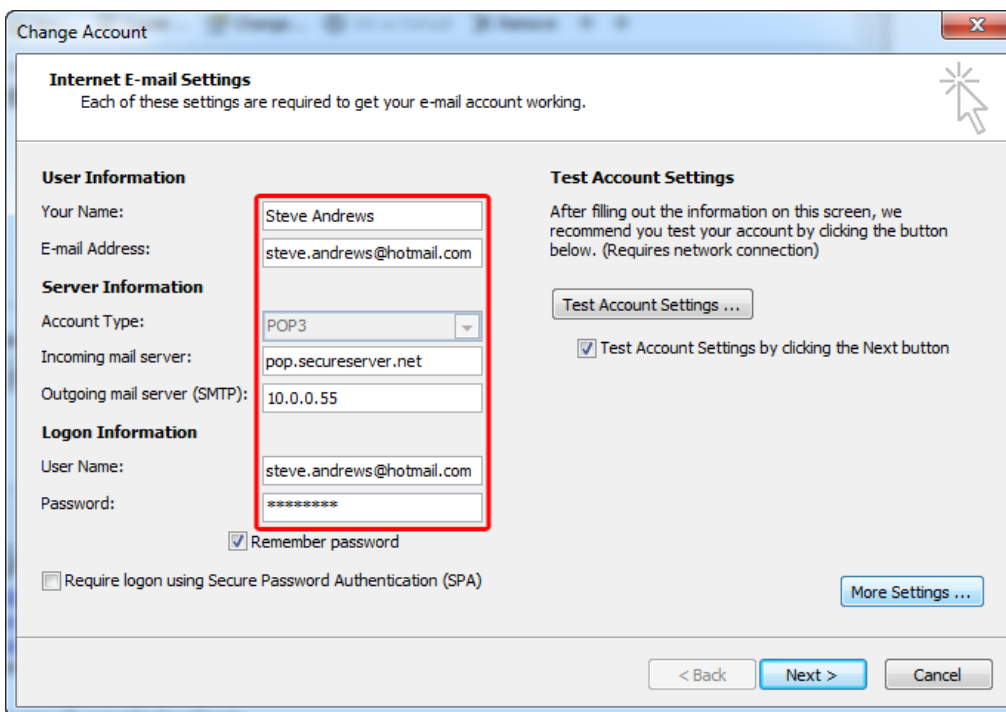
5. Click on **File** → **Account Settings** → **Account Settings....**



6. Double-click on the desired email account from the list.



7. Note down the information highlighted in the window.



**Change Account**

**Internet E-mail Settings**  
Each of these settings are required to get your e-mail account working.

**User Information**

Your Name: Steve Andrews

E-mail Address: steve.andrews@hotmail.com

**Server Information**

Account Type: POP3

Incoming mail server: pop.secureserver.net

Outgoing mail server (SMTP): 10.0.0.55

**Logon Information**

User Name: steve.andrews@hotmail.com

Password: \*\*\*\*\*

☒ Remember password

☐ Require logon using Secure Password Authentication (SPA)

**Test Account Settings**

After filling out the information on this screen, we recommend you test your account by clicking the button below. (Requires network connection)

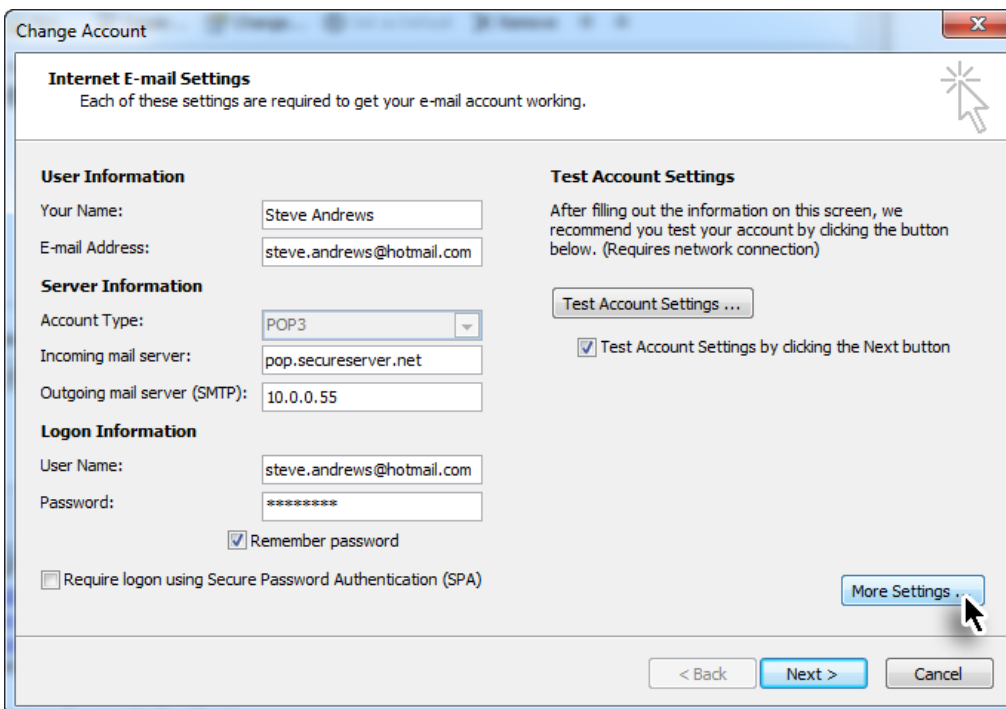
Test Account Settings ...

☒ Test Account Settings by clicking the Next button

More Settings ...

< Back Next > Cancel

8. Click the **More Settings ...** Button.



**Change Account**

**Internet E-mail Settings**  
Each of these settings are required to get your e-mail account working.

**User Information**

Your Name: Steve Andrews

E-mail Address: steve.andrews@hotmail.com

**Server Information**

Account Type: POP3

Incoming mail server: pop.secureserver.net

Outgoing mail server (SMTP): 10.0.0.55

**Logon Information**

User Name: steve.andrews@hotmail.com

Password: \*\*\*\*\*

☒ Remember password

☐ Require logon using Secure Password Authentication (SPA)

**Test Account Settings**

After filling out the information on this screen, we recommend you test your account by clicking the button below. (Requires network connection)

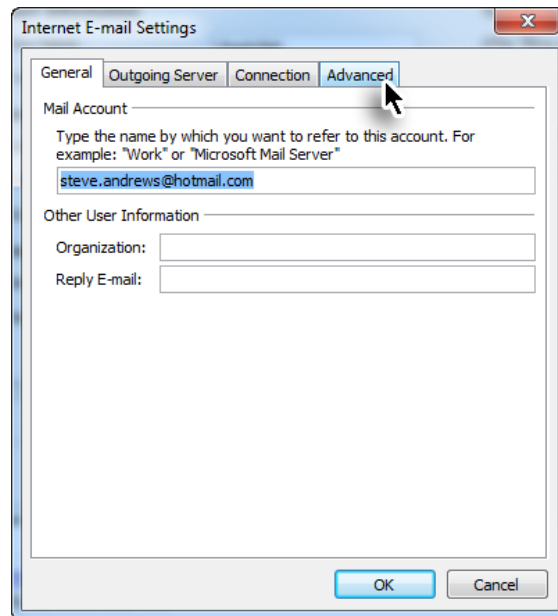
Test Account Settings ...

☒ Test Account Settings by clicking the Next button

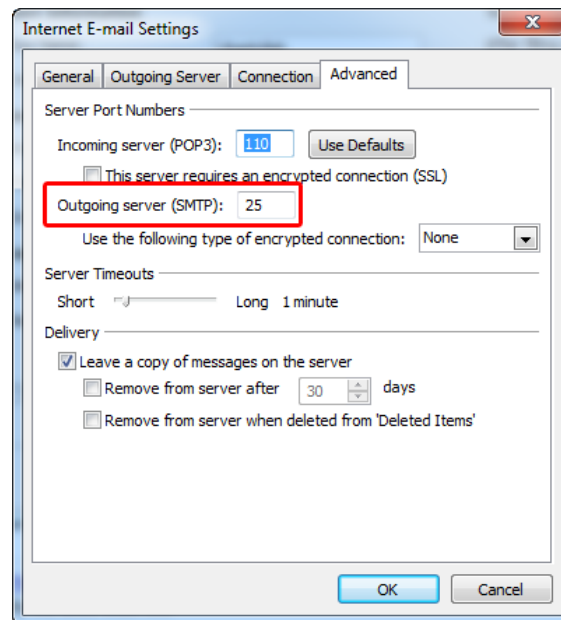
More Settings ...

< Back Next > Cancel

9. Click the **Advanced** Tab.

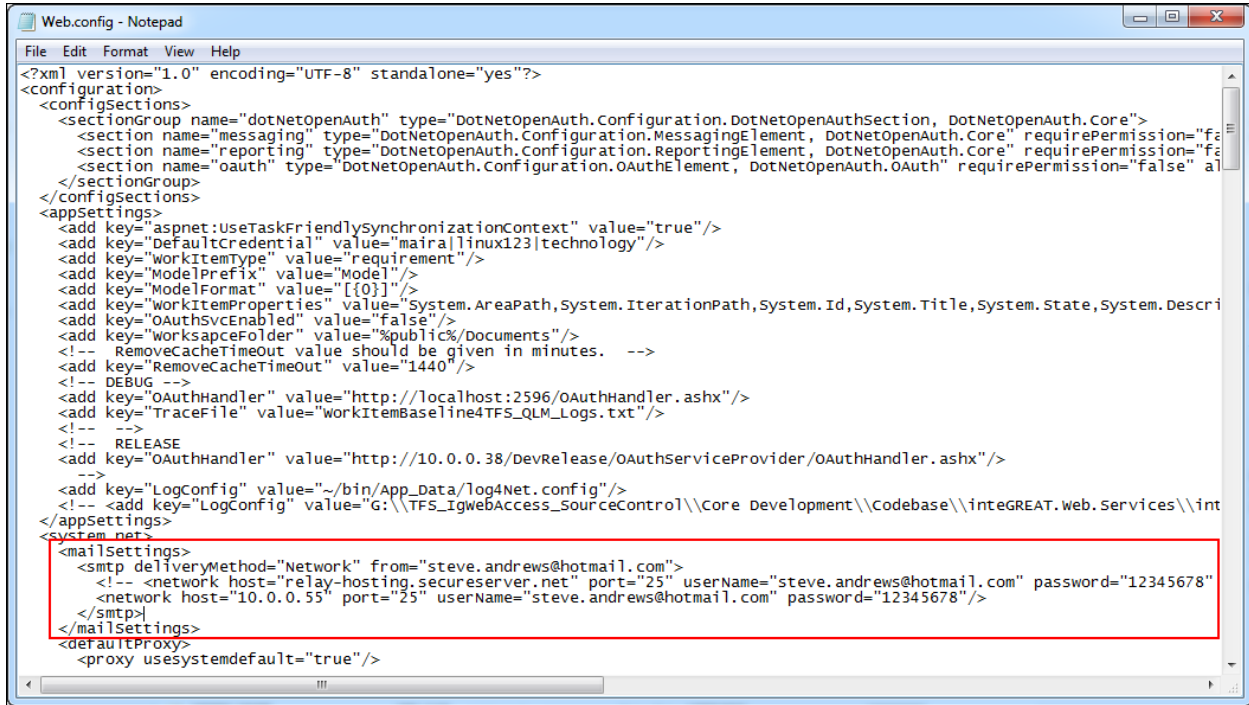


10. Note down the SMTP port highlighted in the window.



11. After noting down all the required information; close down all the windows in Microsoft Outlook.
12. Switch back to **“Web.config”** file opened in a text editor.

13. Update the **mail settings** section using the information gathered from Microsoft Outlook.



```

Web.config - Notepad
File Edit Format View Help
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<configuration>
  <configSections>
    <sectionGroup name="dotNetOpenAuth" type="DotNetOpenAuth.Configuration.DotNetOpenAuthSection, DotNetOpenAuth.Core">
      <section name="messaging" type="DotNetOpenAuth.Configuration.MessagingElement, DotNetOpenAuth.Core" requirePermission="false" />
      <section name="reporting" type="DotNetOpenAuth.Configuration.ReportingElement, DotNetOpenAuth.Core" requirePermission="false" />
      <section name="oauth" type="DotNetOpenAuth.Configuration.OAuthElement, DotNetOpenAuth.OAuth" requirePermission="false" />
    </sectionGroup>
  </configSections>
  <appSettings>
    <add key="aspnet:UseTaskFriendlySynchronizationContext" value="true"/>
    <add key="DefaultCredential" value="mairalinux123|technology"/>
    <add key="workItemType" value="requirement"/>
    <add key="ModelPrefix" value="Model"/>
    <add key="ModelFormat" value="{0}" />
    <add key="workItemProperties" value="System.AreaPath, System.IterationPath, System.Id, System.Title, System.State, System.Descri" />
    <add key="OAuthSvcEnabled" value="false"/>
    <add key="workspaceFolder" value="%public%\documents"/>
    <!-- RemovecacheTimeout value should be given in minutes. -->
    <add key="RemoveCacheTimeout" value="1440"/>
    <!-- DEBUG -->
    <add key="OAuthHandler" value="http://localhost:2596/OAuthHandler.ashx"/>
    <add key="TraceFile" value="workItemBaseline4TFS_QLM_Logs.txt"/>
    <!-- RELEASE -->
    <add key="OAuthHandler" value="http://10.0.0.38/DevRelease/OAuthServiceProvider/OAuthHandler.ashx"/>
    <!-->
    <add key="LogConfig" value="~/bin/App_Data/log4Net.config"/>
    <!-- <add key="LogConfig" value="G:\\TFS_IgwebAccess_SourceControl\\Core Development\\Codebase\\inteGREAT.web.Services\\int" />
  </appSettings>
  <system.net>
    <mailSettings>
      <smtp deliveryMethod="Network" from="steve.andrews@hotmail.com">
        <!-- <network host="relay-hosting.secureserver.net" port="25" userName="steve.andrews@hotmail.com" password="12345678" />
        <network host="10.0.0.55" port="25" userName="steve.andrews@hotmail.com" password="12345678"/>
      </smtp>
    </mailSettings>
    <defaultProxy>
      <proxy usesystemdefault="true"/>
    </defaultProxy>
  </system.net>
</configuration>
  
```

14. Save the **"Web.config"** file and replace the older version with this updated version at its original location (i.e. **"C:\Program Files (x86)\eDev Technologies\inteGREAT4TFS\Service"** )

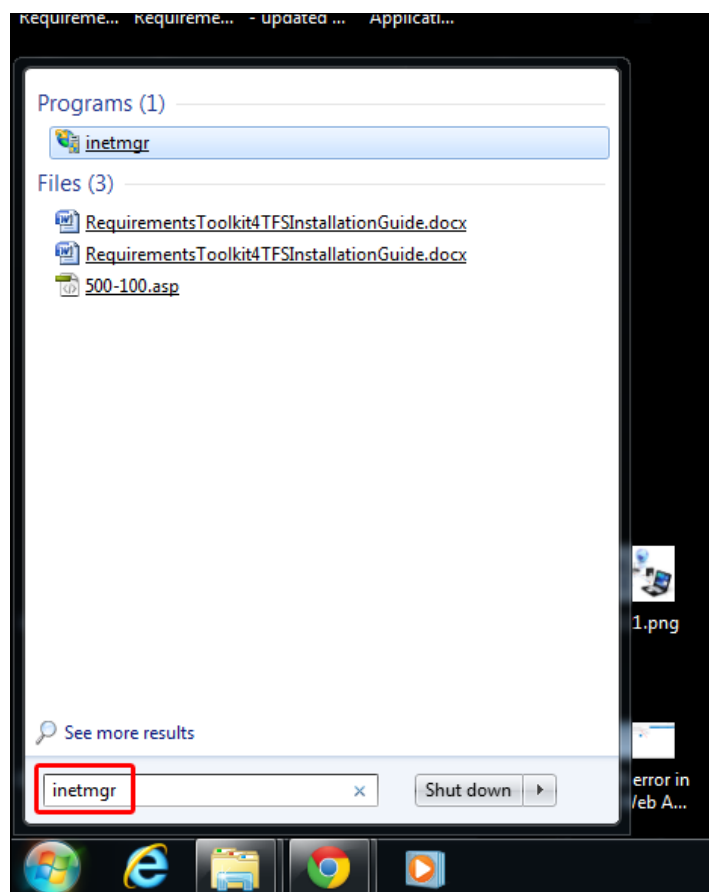
This completes the Email configuration process for the Feedback Option



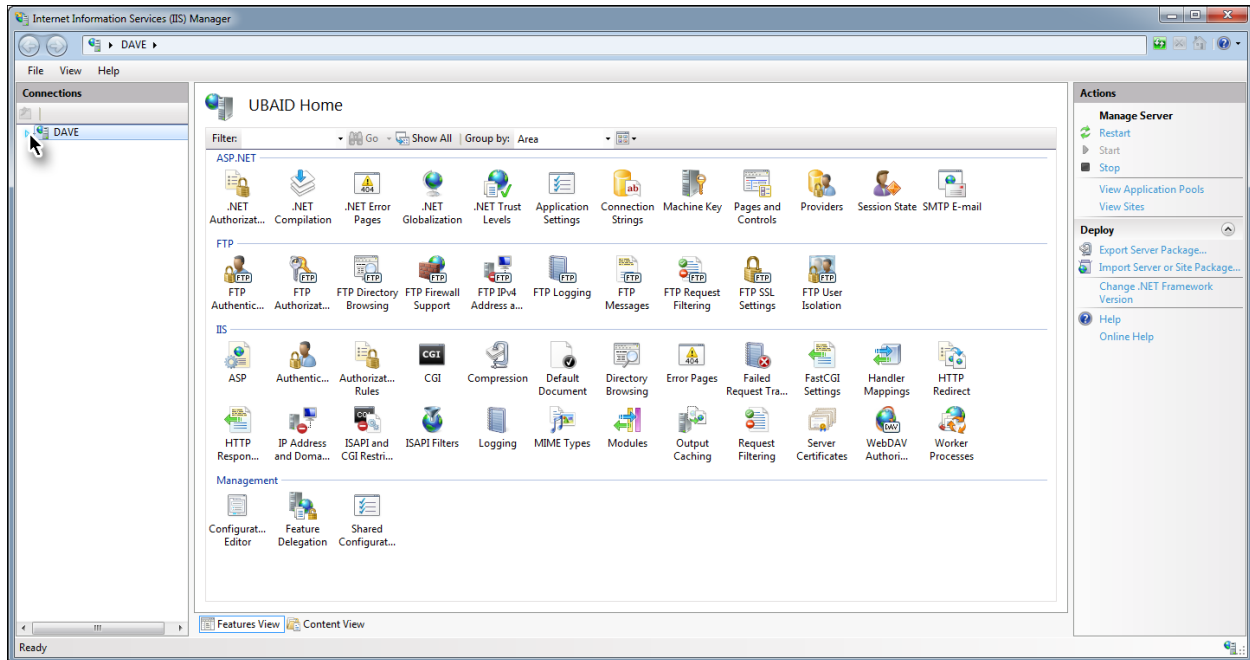
## APPENDIX B: WINDOWS CREDENTIALS UPDATION FOR INTEGREAT4TFS

During the installation of inteGREAT4TFS, user login credentials are Enter . These Windows credentials are saved in InteGREAT4TFS settings and are used while running the application. If a user changes his Windows' password after the installation of InteGREAT4TFS then these settings become obsolete and the user may face problem running the application. For seamless working of InteGREAT4TFS, the saved settings of the Windows Credentials should be consistent with the current Windows Credentials. In case a user has changed his password after installing InteGREAT4TFS then the following steps should be taken to make the saved settings up-to-date:

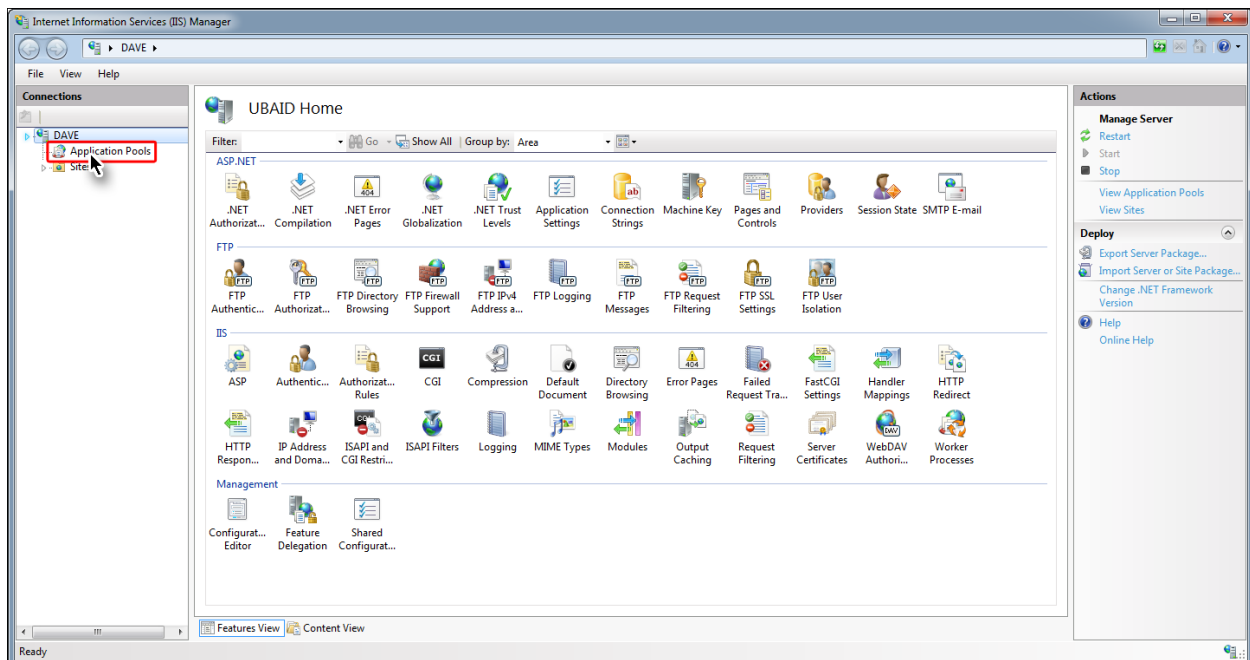
1. Invoke **inetmgr** through Windows's Run command/Start Menu.



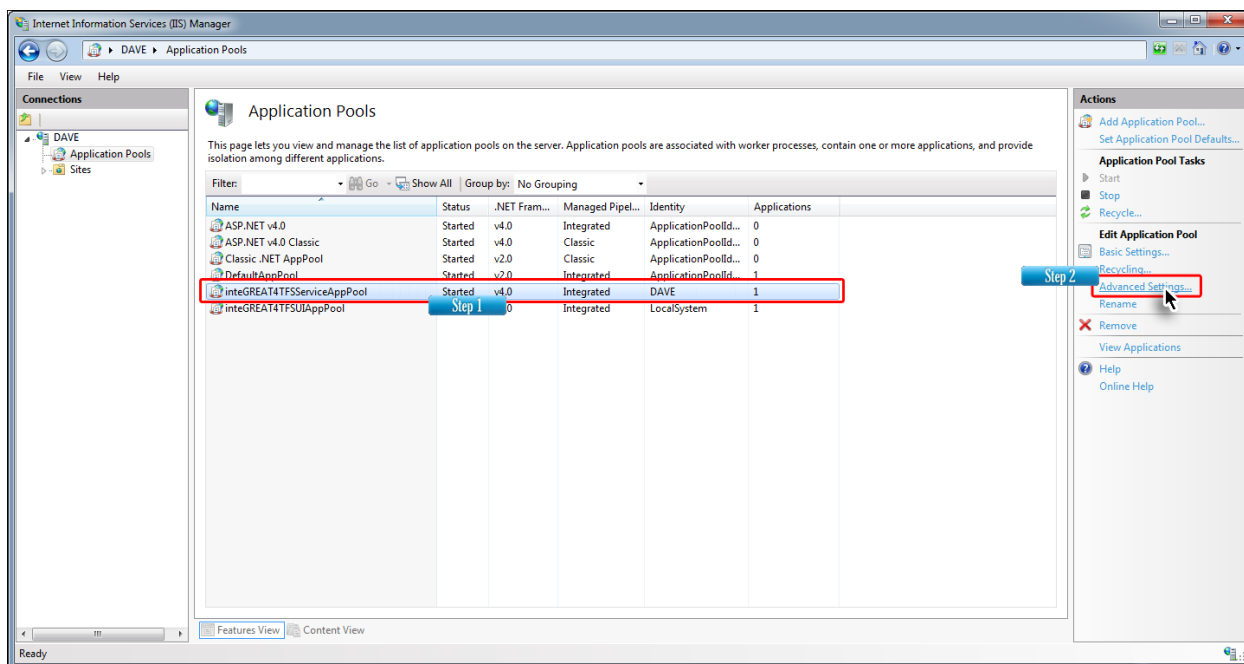
- Expand the node in the left-side panel of the Internet Information Services (IIS) Manager.



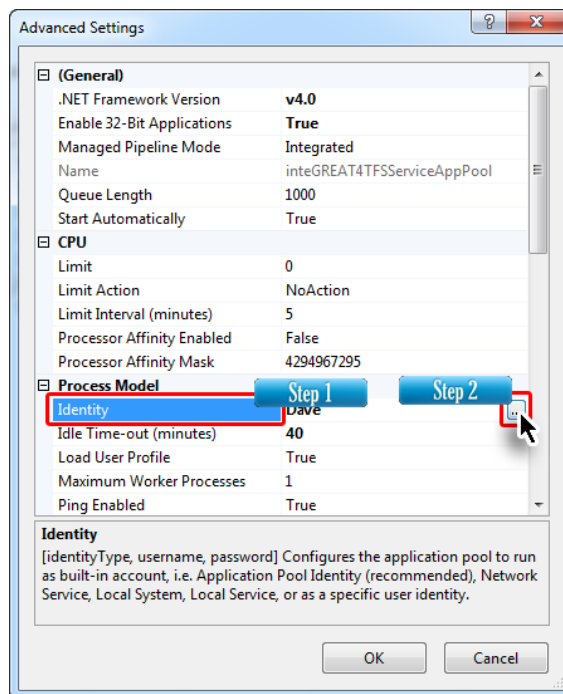
- Click the **Application Pools** option.



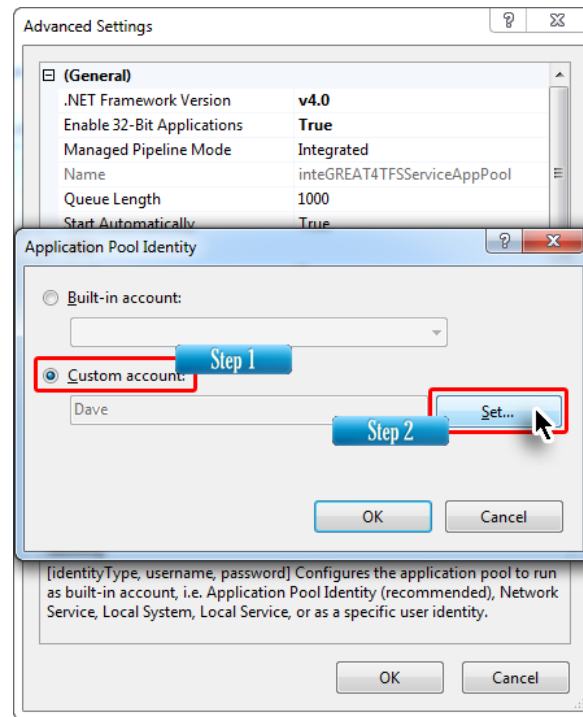
4. Select **InteGREAT4TFSServiceAppPool** option (center-pane) and then click on **Advanced Settings...** under **Edit Application Pool** in right-side pane.



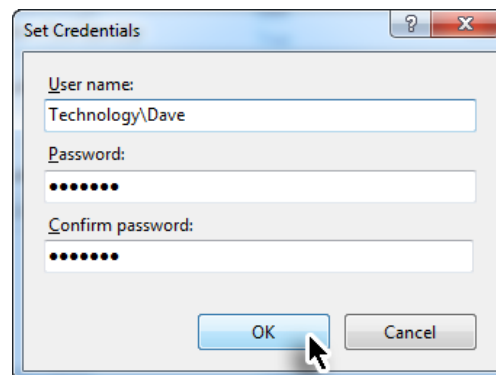
5. Select **Identity** option under **Process Model** section and then click the **...** Button.



6. Select **Custom account** option and then click the **Set...** Button.



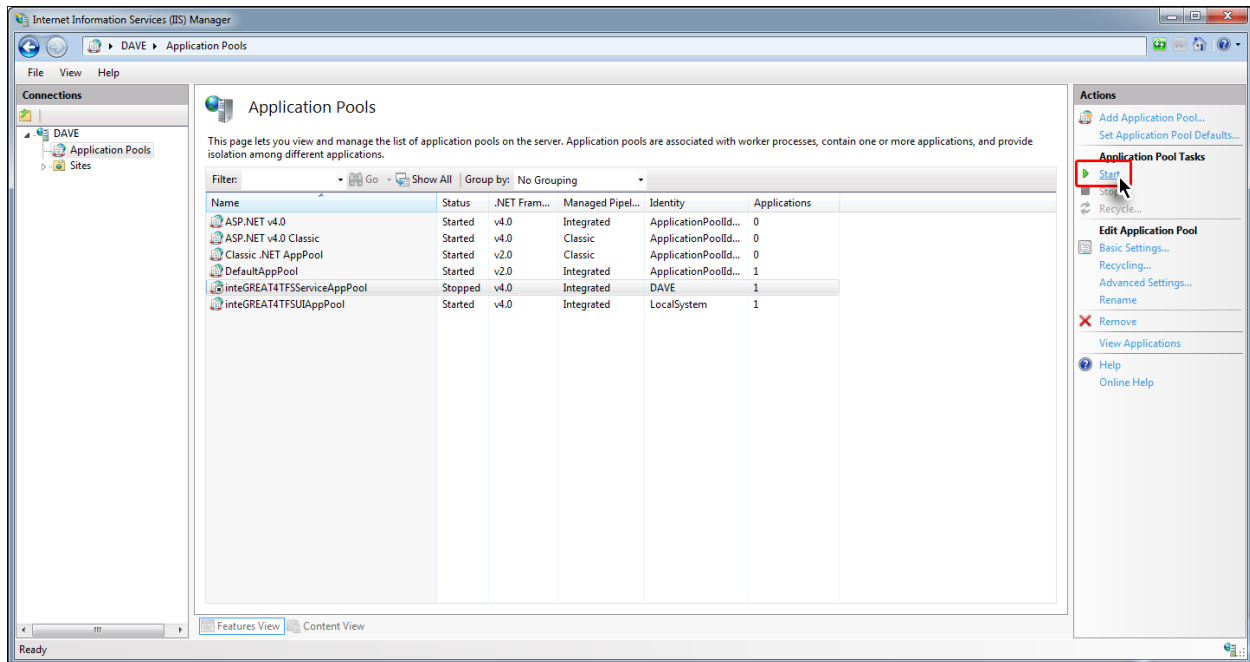
7. Enter the latest Windows Credentials\* and click the OK Button.



\* The User name should be given in the format of <Domain\Username> as shown in the image

Clicking the OK Button would save the settings.

8. Start the **inteGREAT4TFSServiceAppPool** by clicking the **Start** option under the **Application Pool Tasks** in the right-side pane.



9. Close all open windows to complete the process.