

YuniquePLM™

Development Installation Guide

May 2011



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The information in this document is correct to the date of its release, but is subject to change.

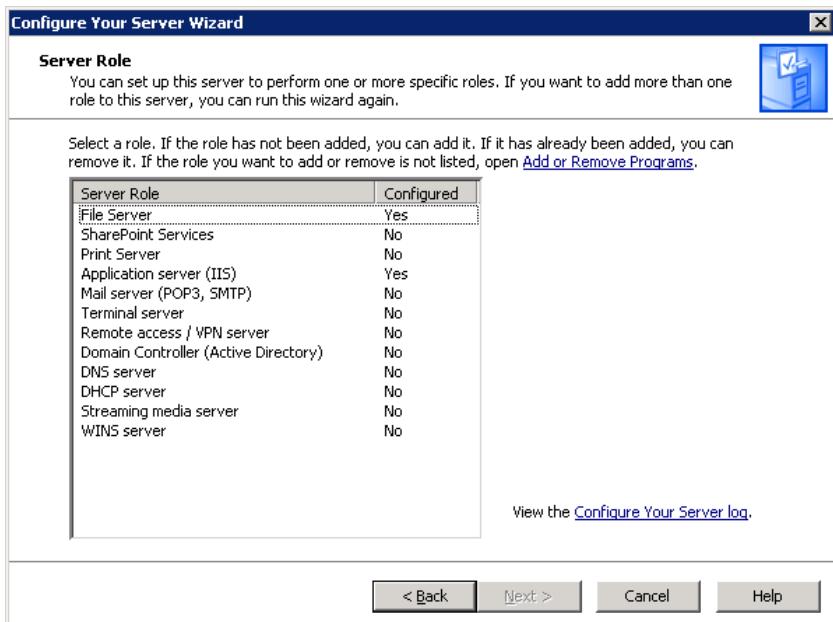
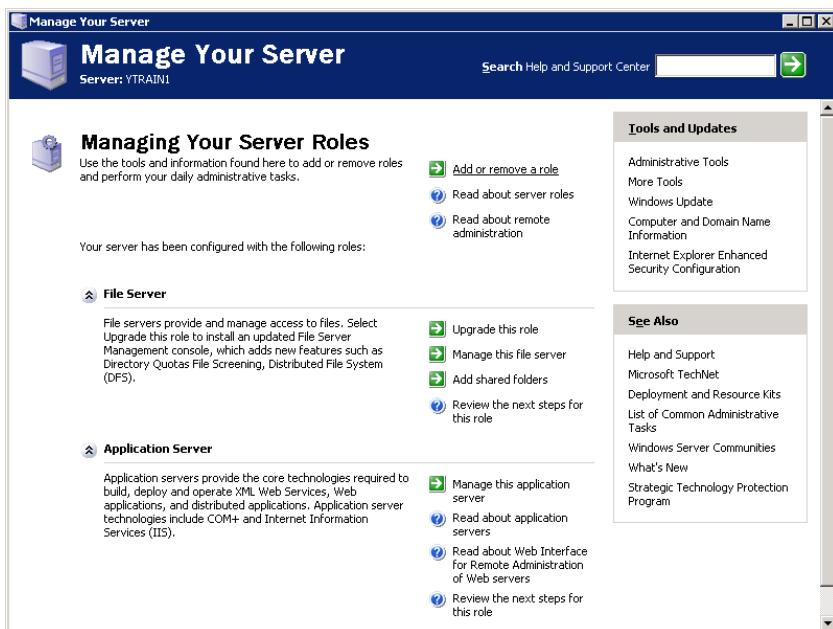
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YuniquePLM Development Installation Guide

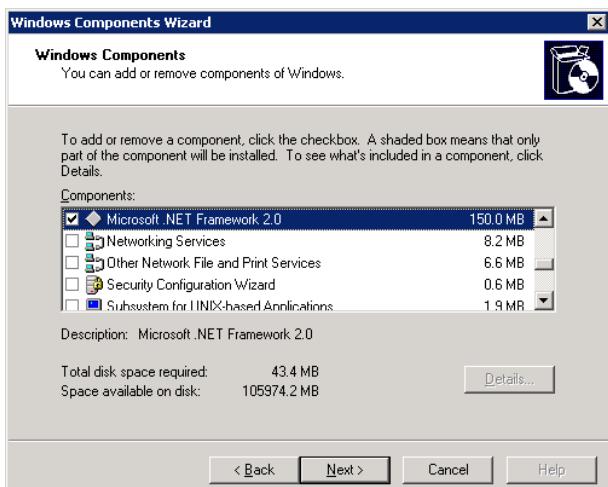
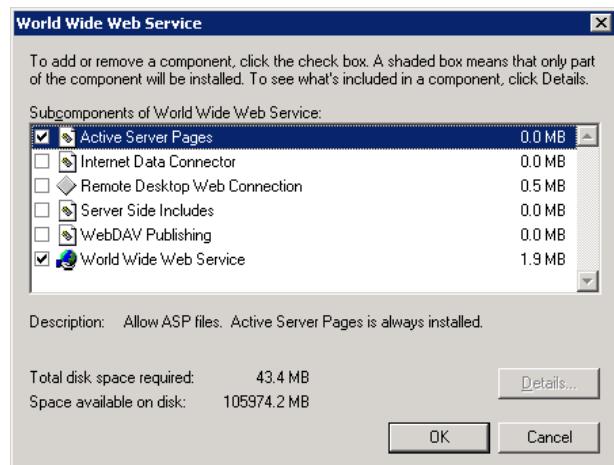
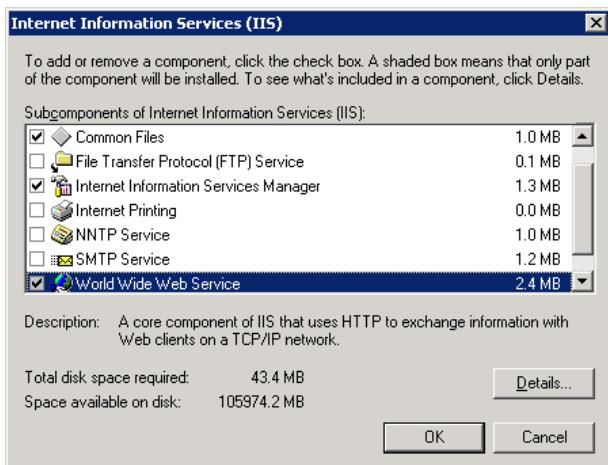
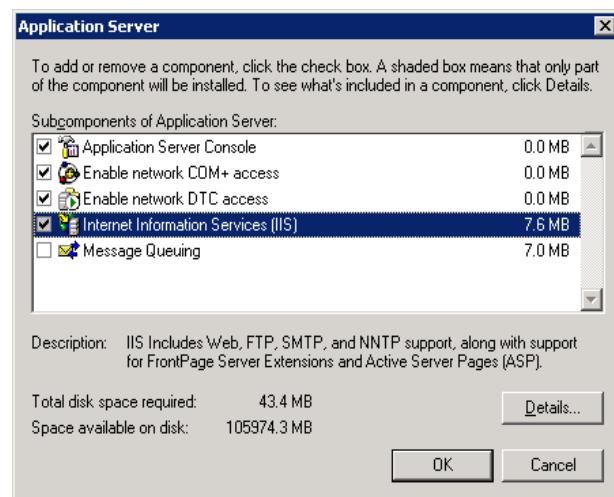
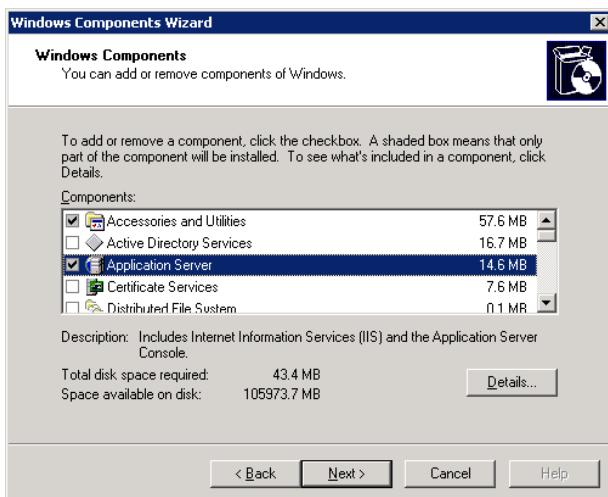
1. Server Configuration

1.1. Windows 2003 Server configuration

1.1.1. Using Windows Manager Your Server, add roles File Server and Application Server:

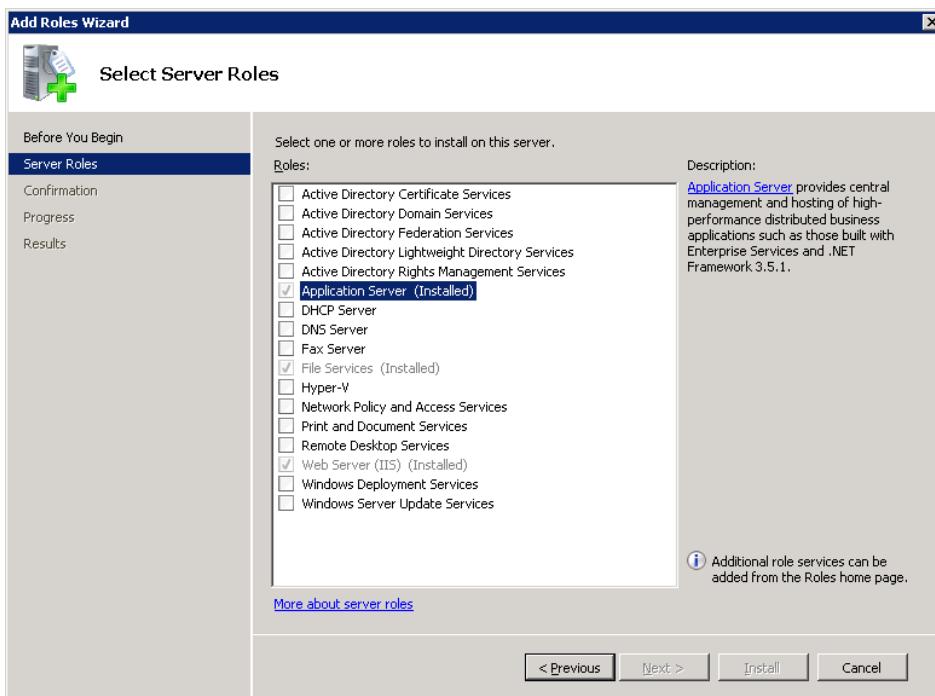


1.1.2. Using Windows Control Panel, Add or Remove Programs, Add/Remove Windows Components, insure the following components and subcomponents are selected:

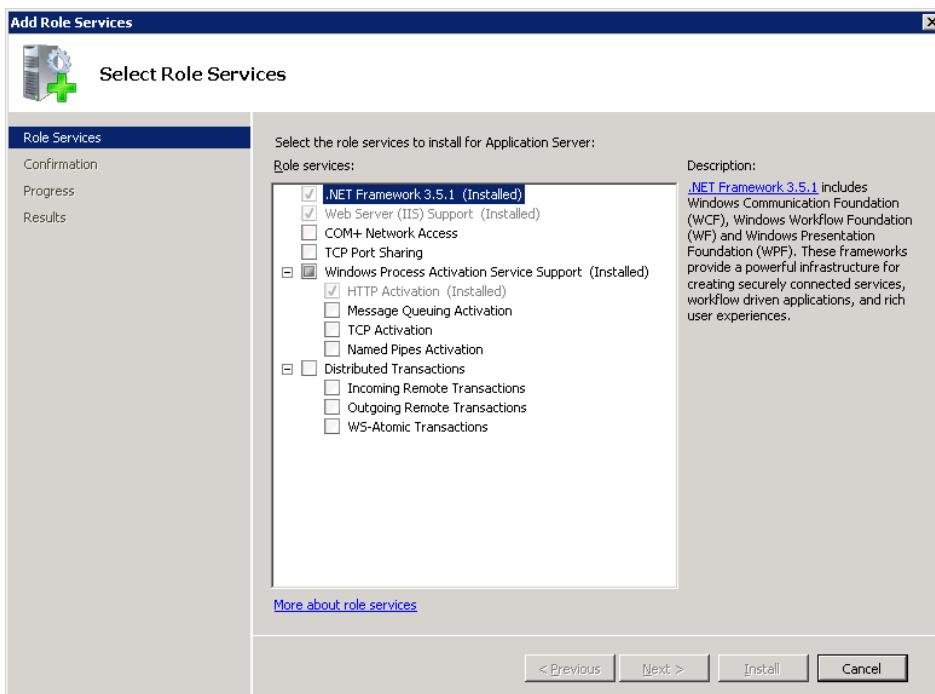


1.2. Windows Server 2008 configuration

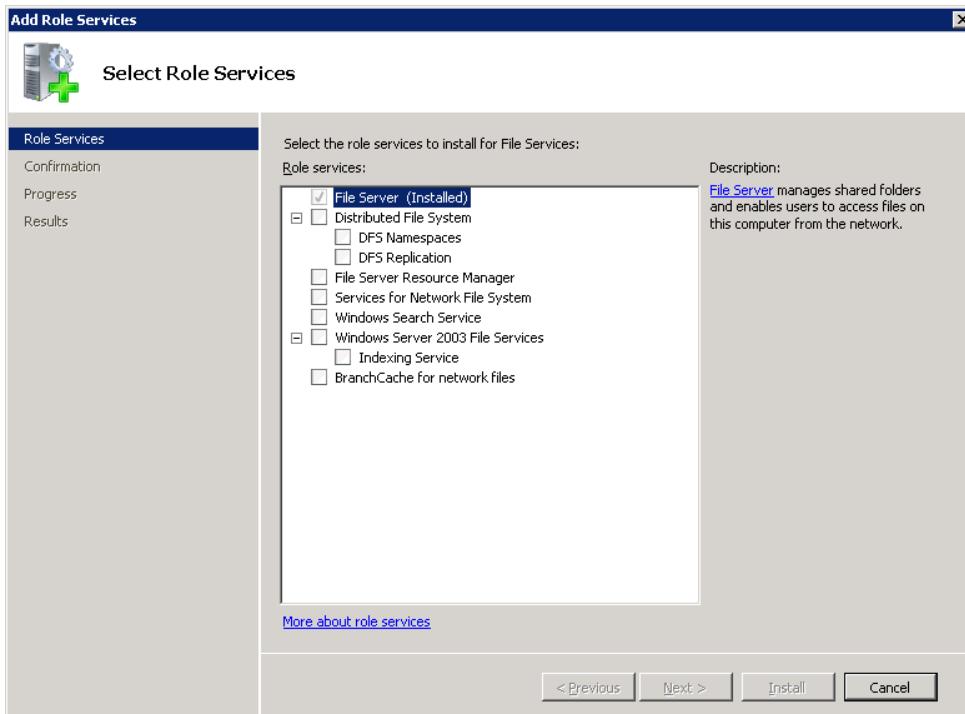
1.2.1. Using the Windows Server Manager, Application Server, File Services, and Web Server roles should be installed:



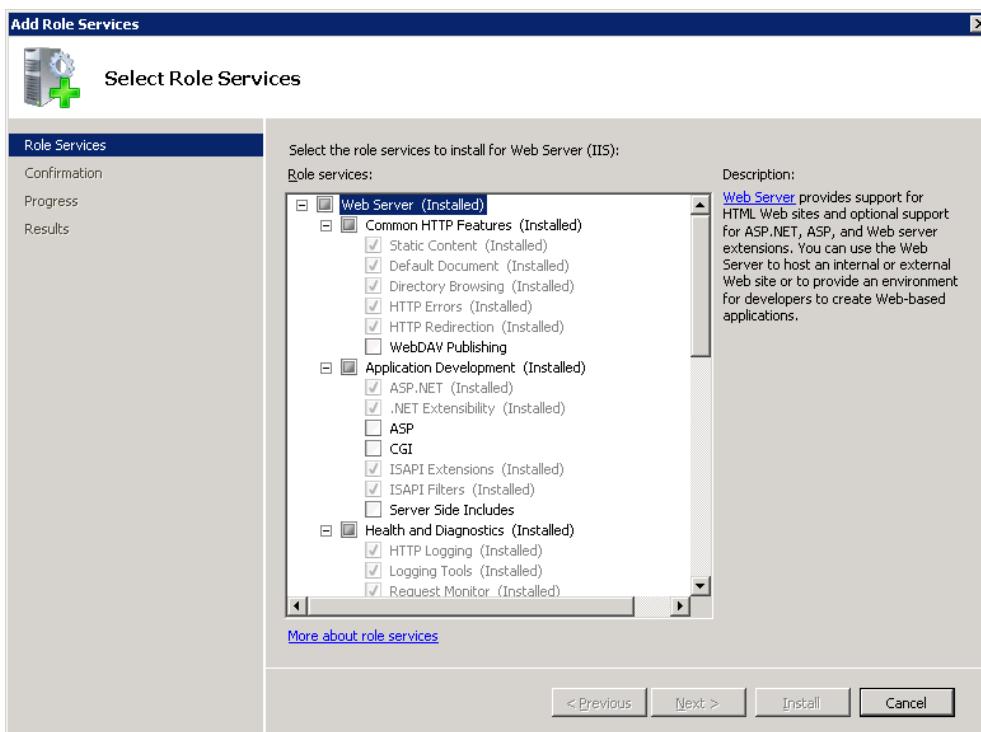
1.2.2. For the Application Server, .NET Framework 3.5.1, Web Server Support, and Windows Process Activation Service Support role services should be installed:

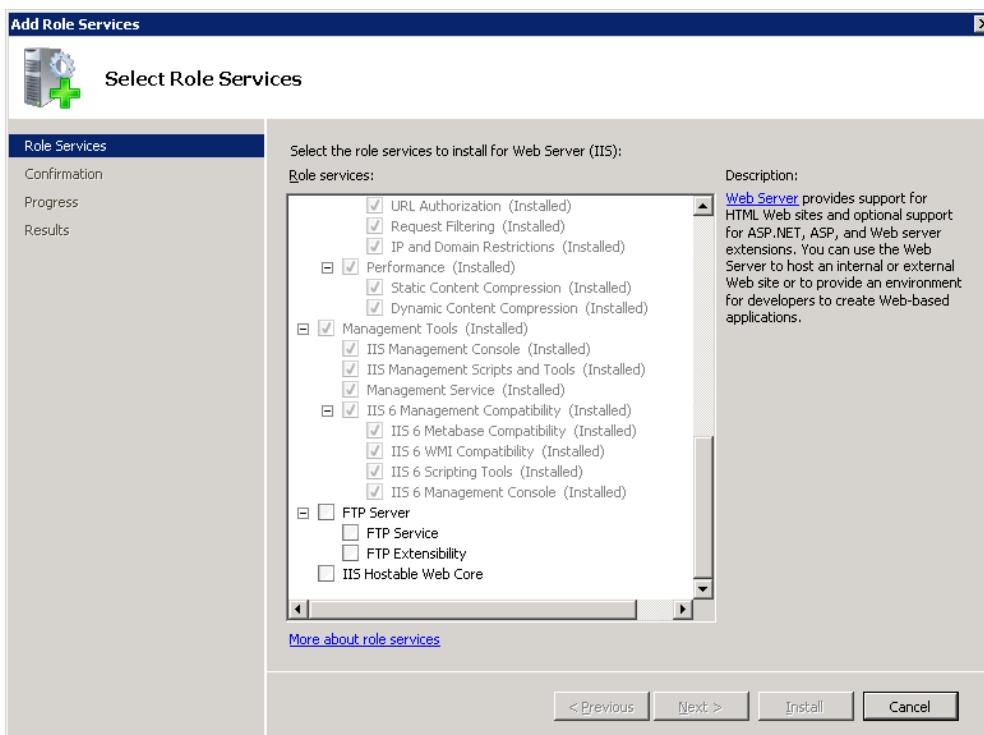
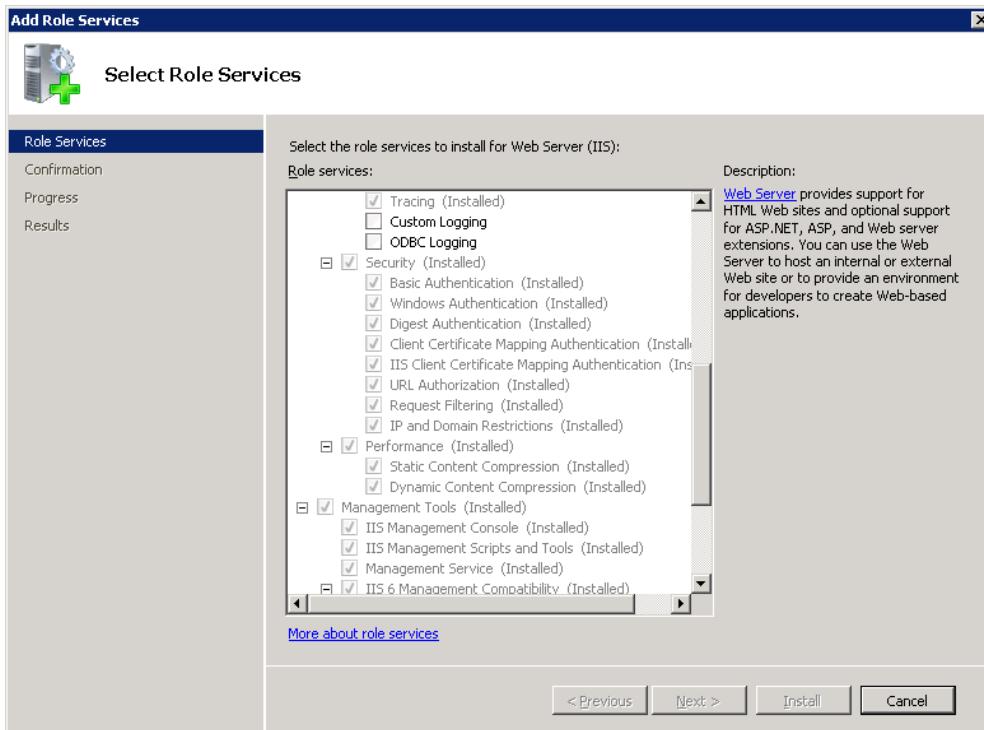


1.2.3. For the File Server, only the File Service role service needs to be installed:



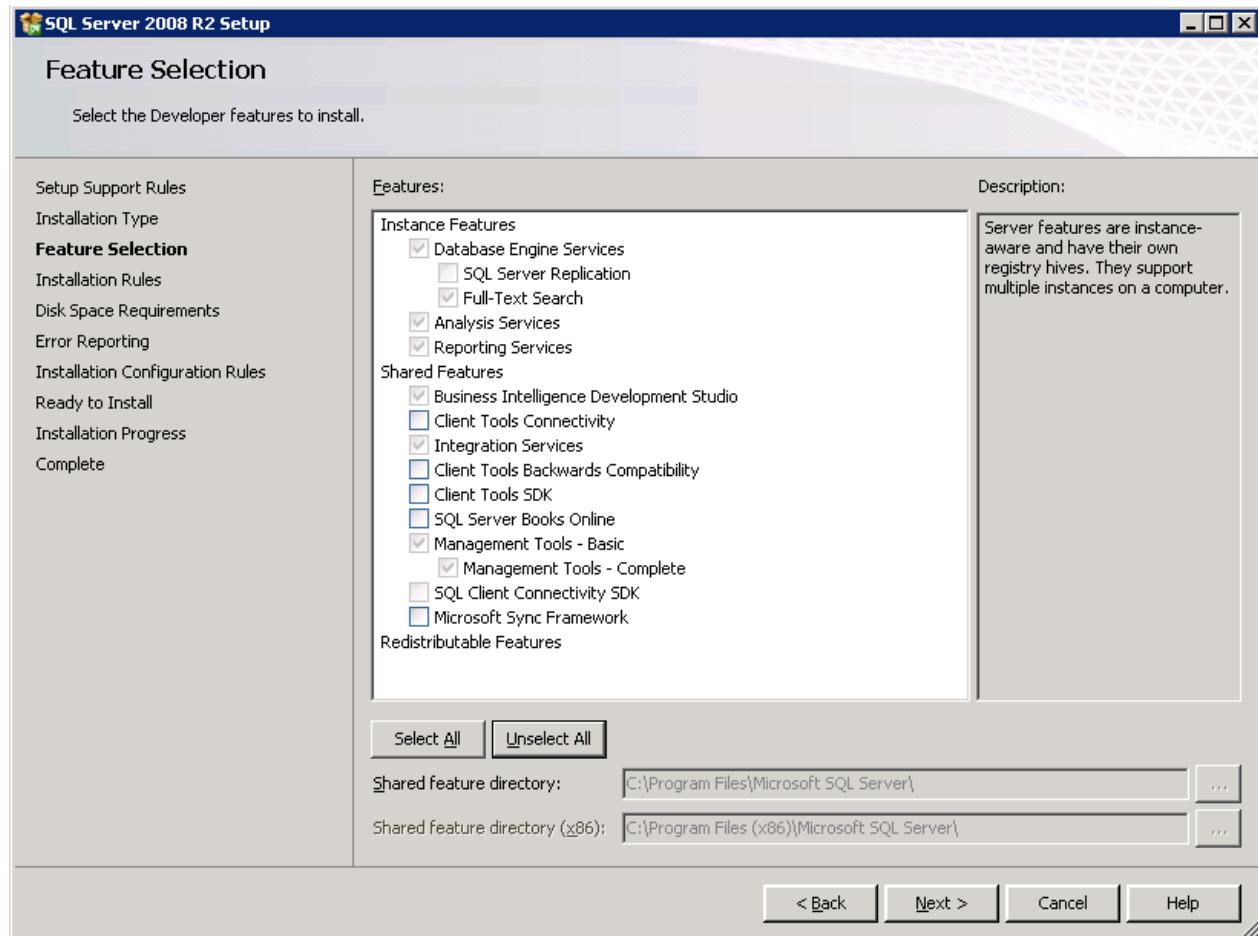
1.2.4. For the Web Server, the following role services should be installed:





1.3. Microsoft SQL Server 2008 R2 configuration

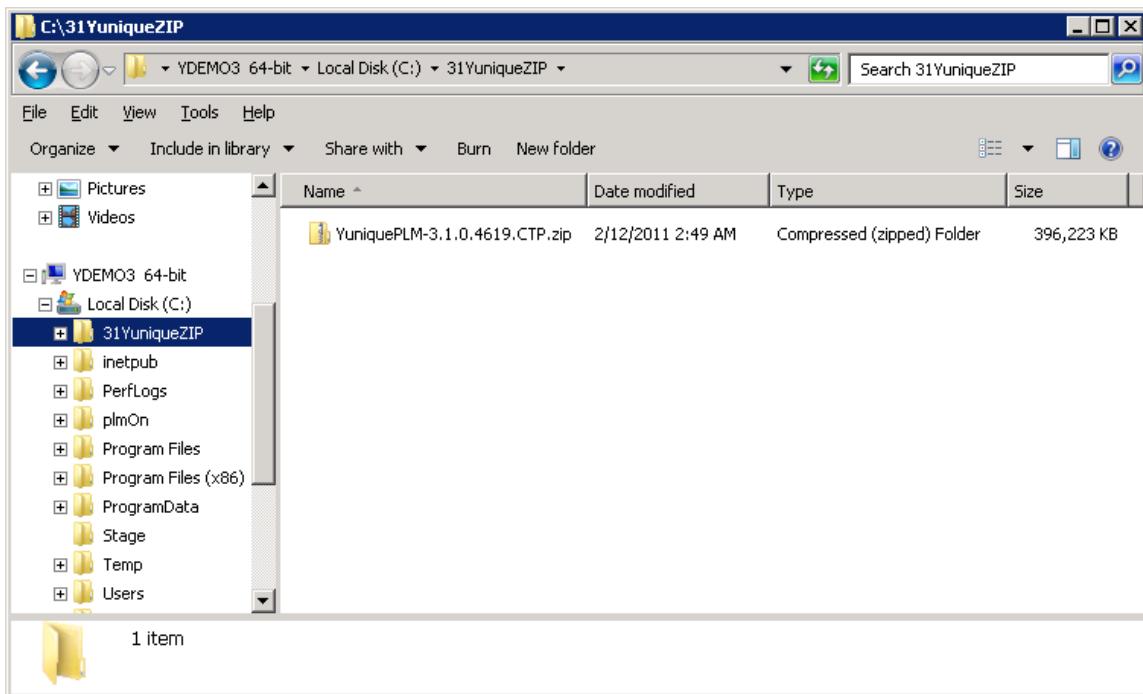
1.3.1. Using SQL Server 2008 R2 Setup, the following features should be installed: Database, Analysis, Reporting, Business Intelligence Development Studio, Integration Services, and Management Tools – Basic, Management Tools - Complete.



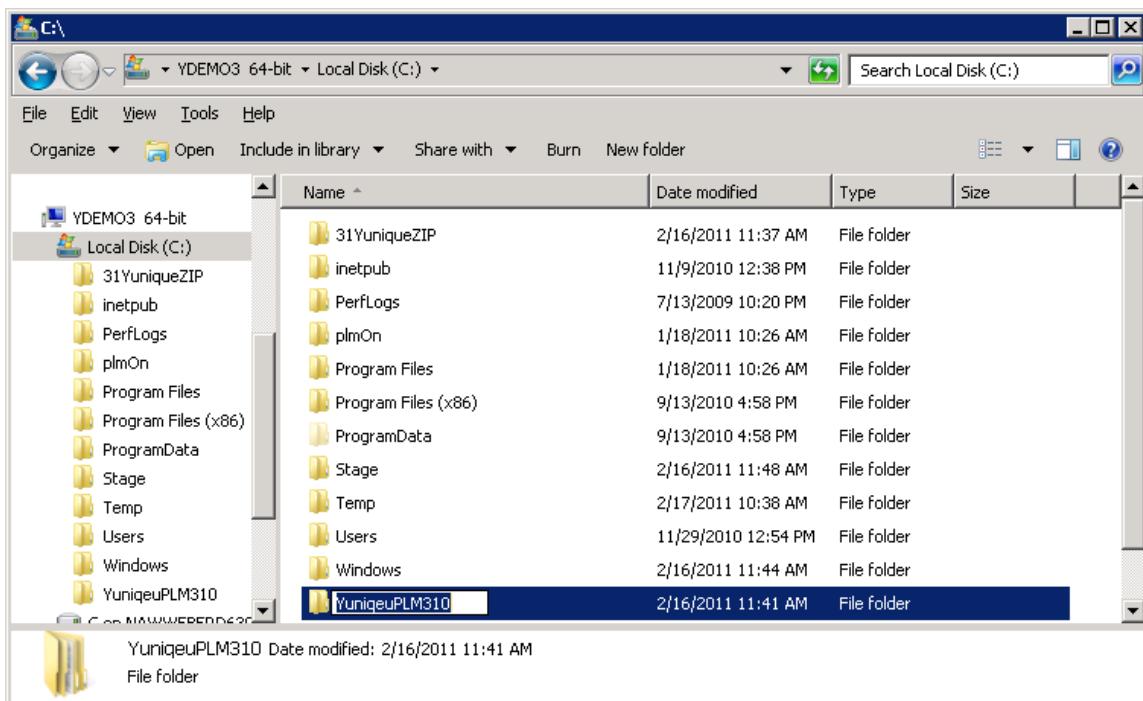
1.3.2. Installation of Report Services should use the standard default configuration.

1.4. Preparing for YuniquePLM software installation

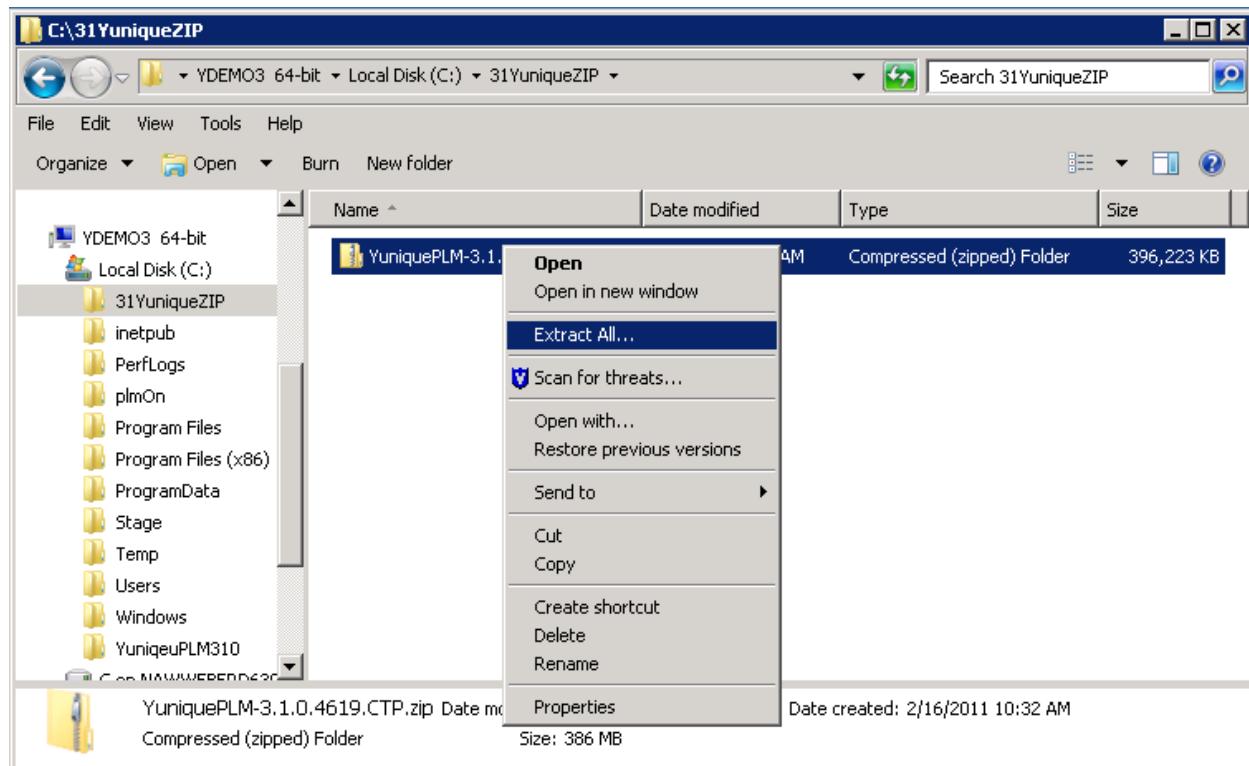
1.4.1. Create a folder and copy the YuniquePLM distribution software zip file to the server. In the example below, the folder is named 31YuniqueZIP.



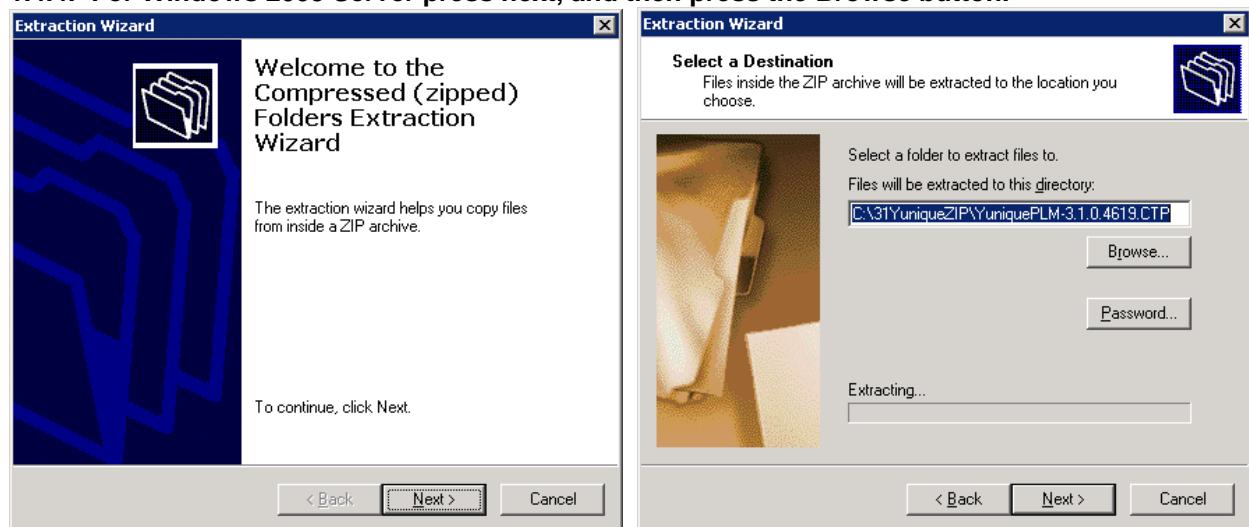
1.4.2. Create a folder that will contain the YuniquePLM software. In the example below, the folder is named YuniquePLM31.



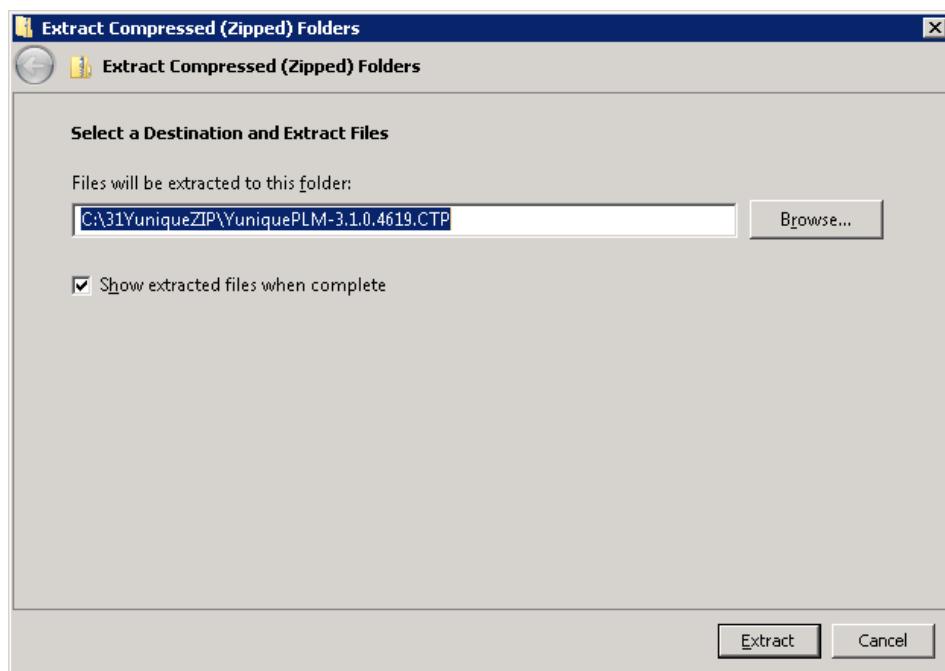
1.4.3. Right click on the ZIP file and select extract all



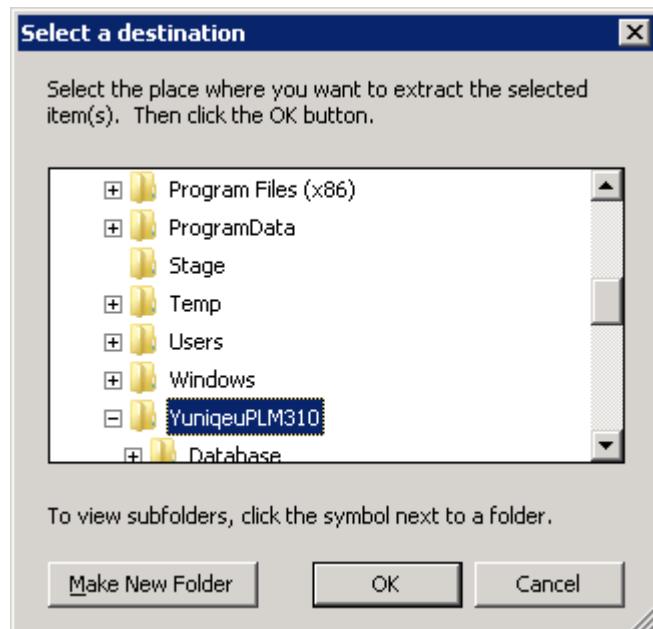
1.4.4. For Windows 2003 Server press next, and then press the Browse button.



1.4.5. For Windows Server 2008 press the Browse Button.



1.4.6. Select the destination folder where all the files and folders will be extracted, press OK, and then press next or Extract to begin extraction.



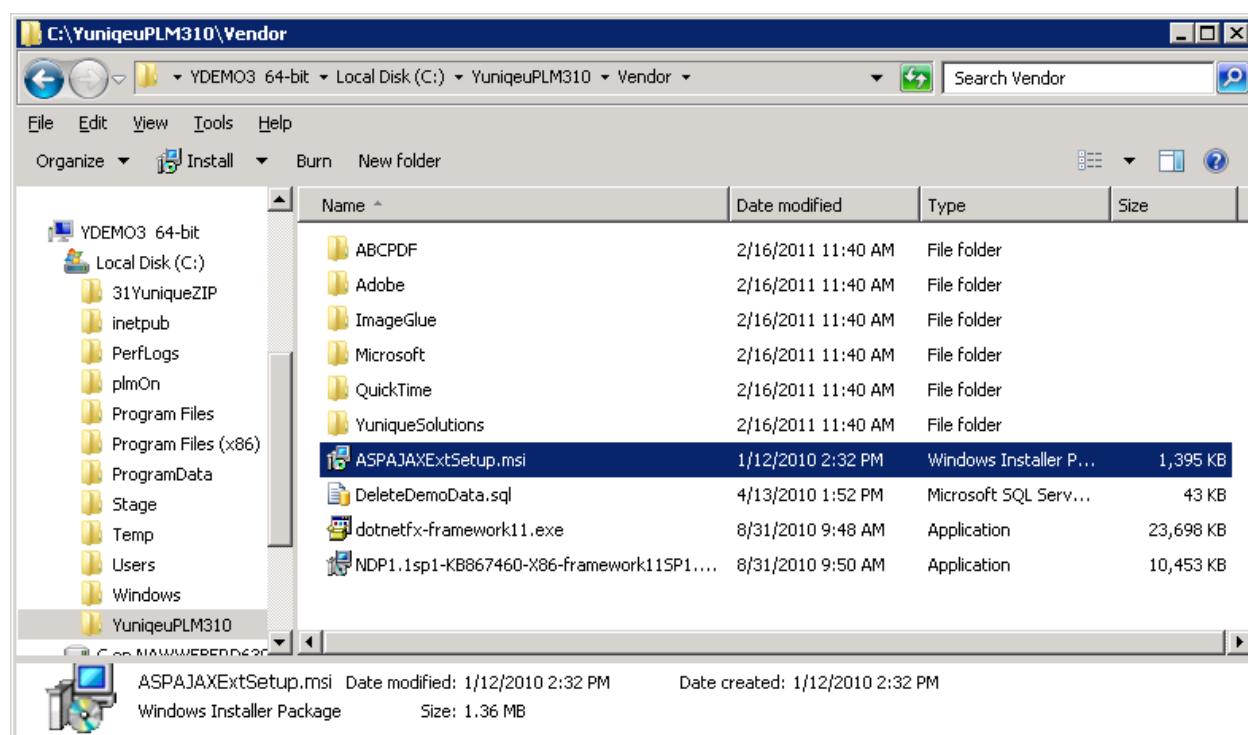
1.5. Installing additional support software

1.5.1. Adobe Reader and QuickTime.

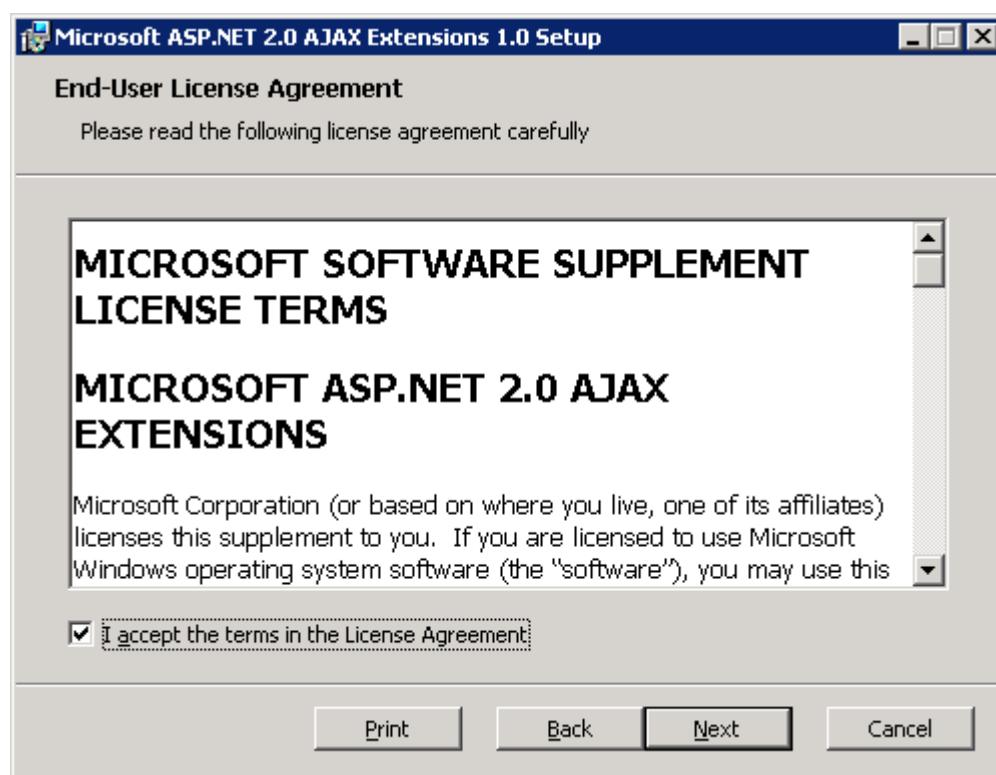
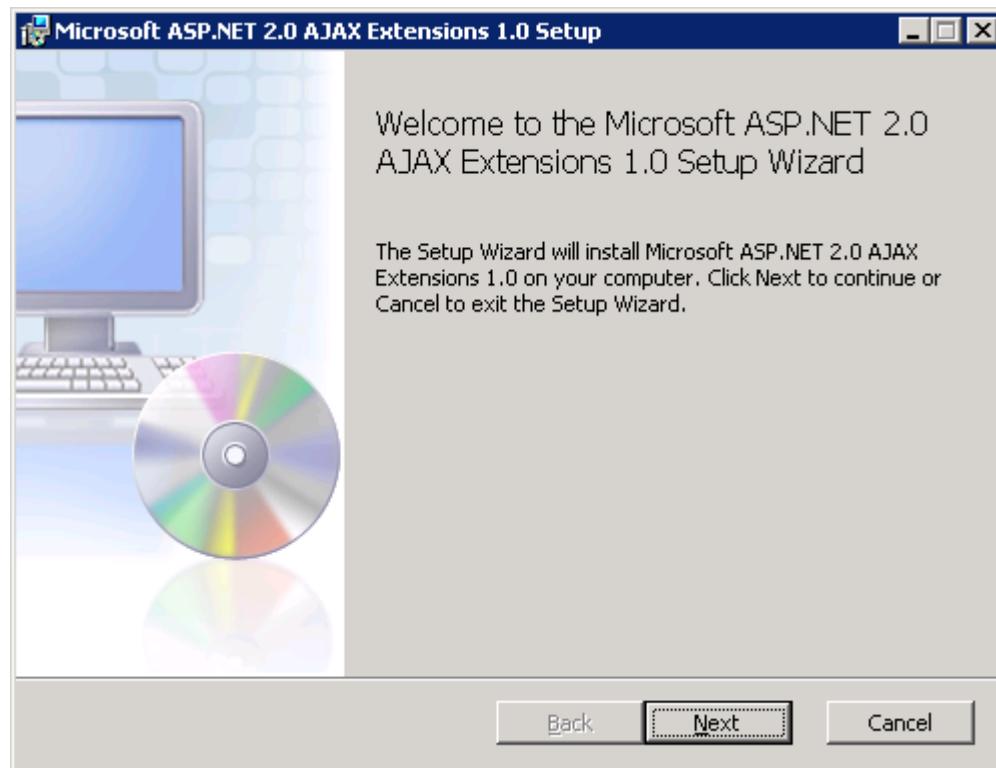
1.5.1.1. Although the YuniquePLM distribution ZIP files contain installation files for Adobe Reader and QuickTime, it would be best if these applications were installed from the vendor's website to insure compatibility with the installed operating system, and that the latest version is installed. Adobe Reader can be installed from the <http://adobe.com> website, and QuickTime can be installed from the <http://quicktime.com> website.

1.5.2. Microsoft AJAX V1.0 Extensions for Microsoft .NET 2.0.

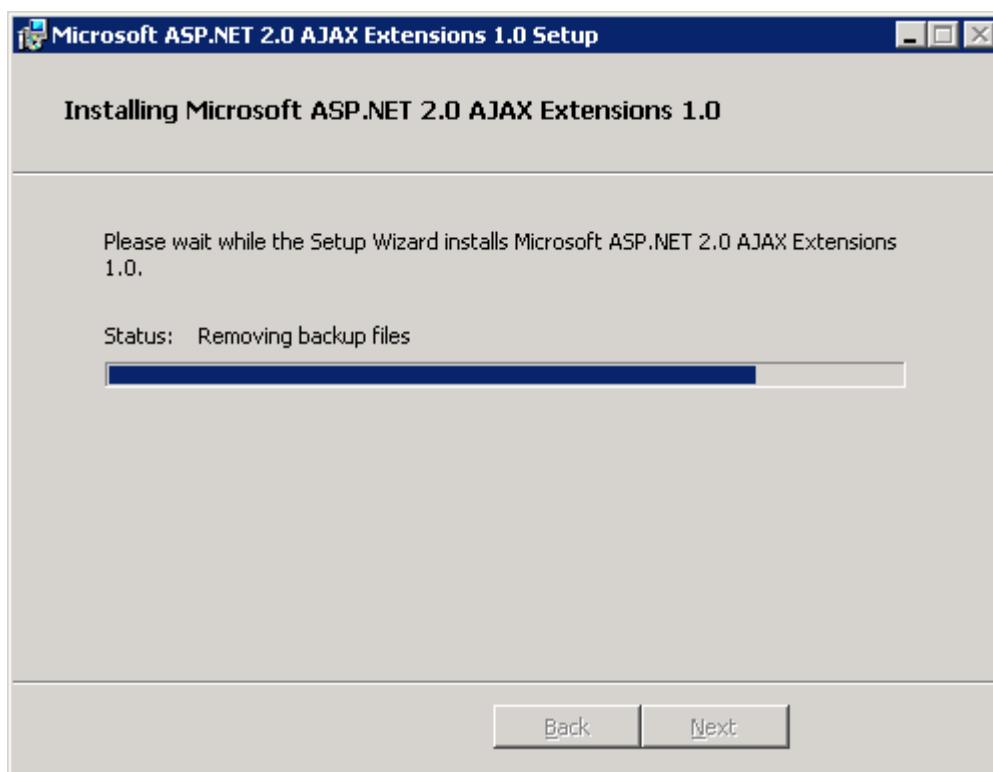
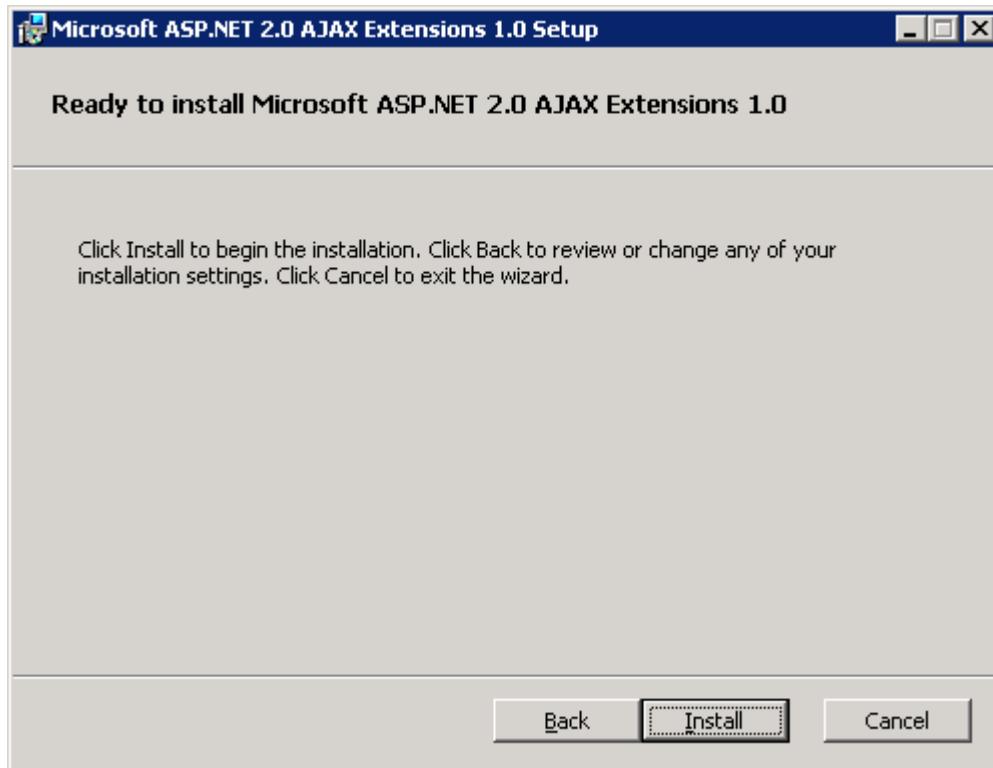
1.5.2.1. Go to the C:\YuniquePLM310\Vendor folder and execute the “ASPAJAXExtSetup.msi” program.



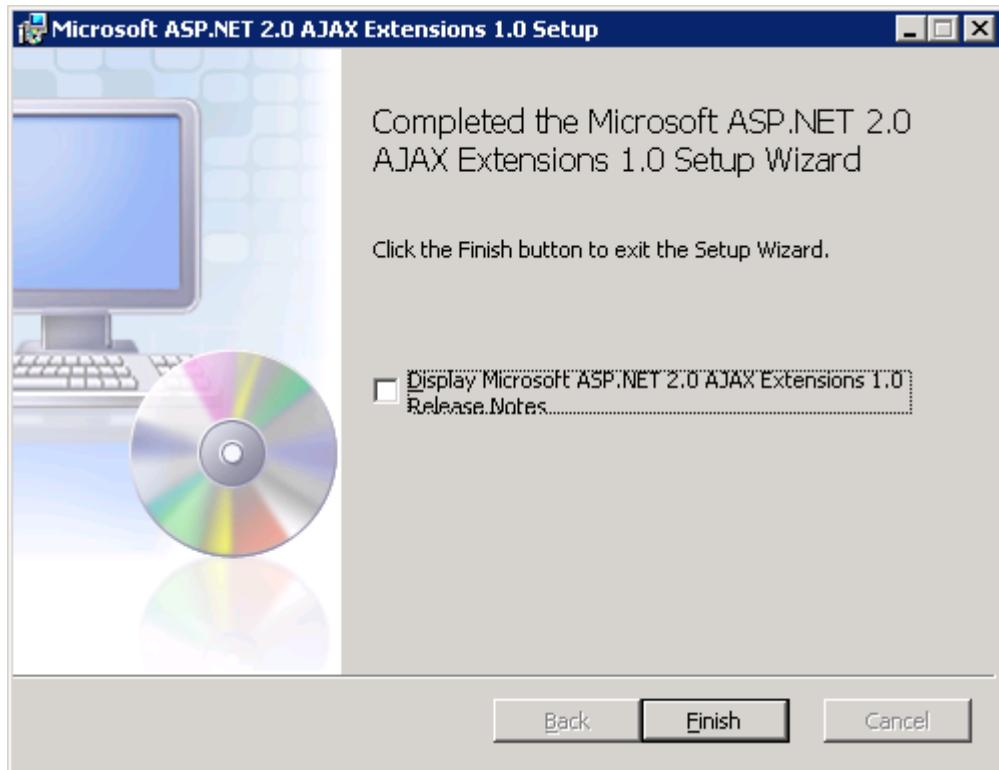
1.5.2.2. Press Next, check Accept, and press Next again



1.5.2.3. Press Install to begin installation



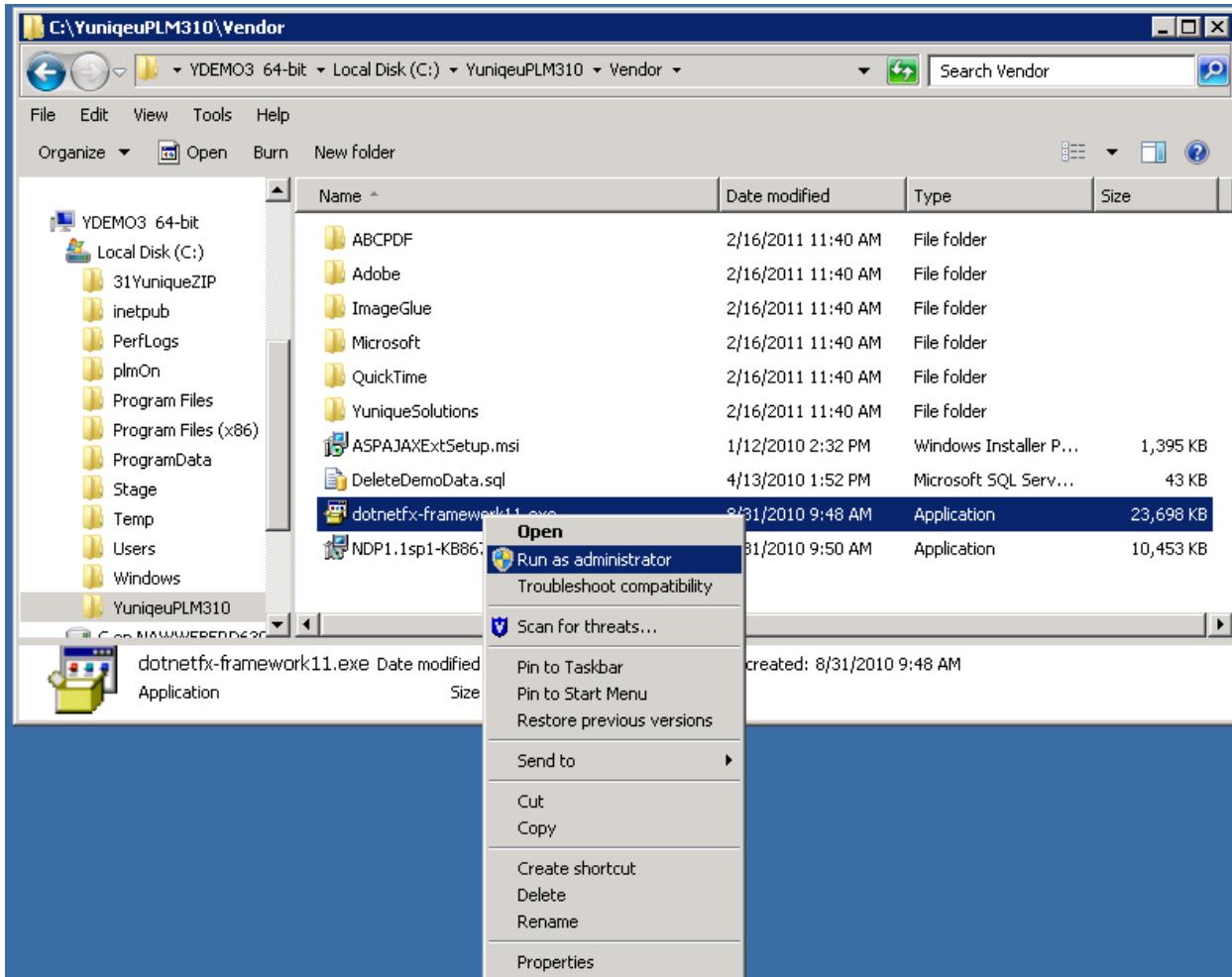
1.5.2.4. Uncheck the “Display” checkbox and press Finish



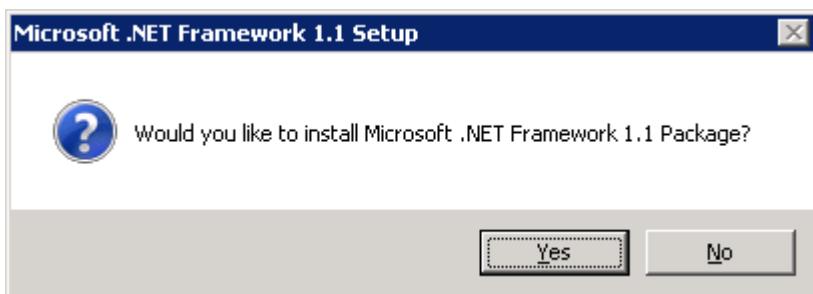
1.5.3. Microsoft .NET Framework 1.1.

1.5.3.1. NOTE: Installation of Microsoft .NET Framework 1.1 is not required for Window 2003 Server, as it is part of the standard operating system installation. Microsoft .NET Framework 1.1 is not included with Windows Server 2008. For Windows 2003 Server configurations, continue with section 1.5.5.

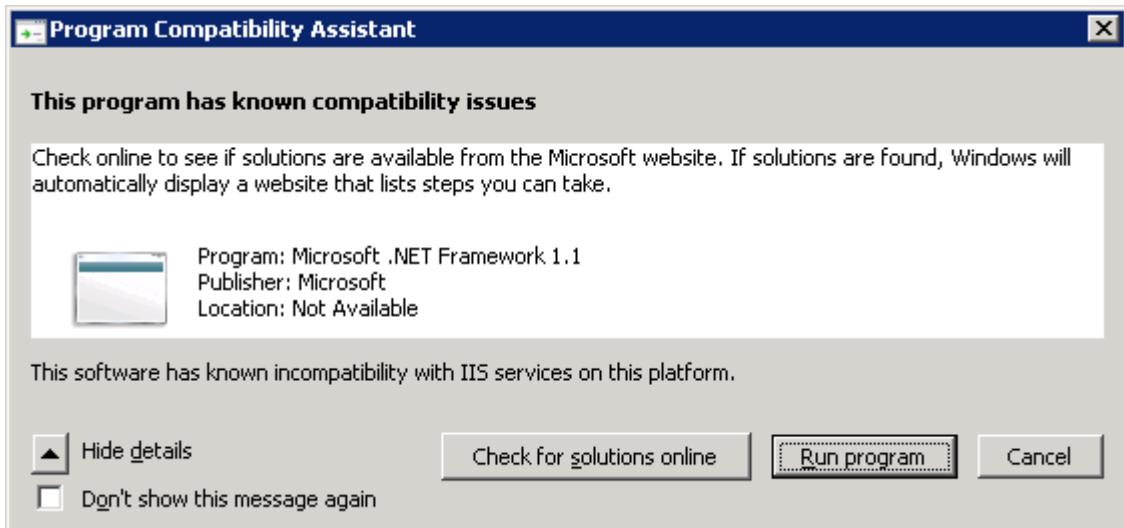
1.5.3.2. Go to the YuniquePLM31\Vendor folder and execute the “dotnetfx-framework11.exe” program. Right click on the file and select “Run as administrator”.



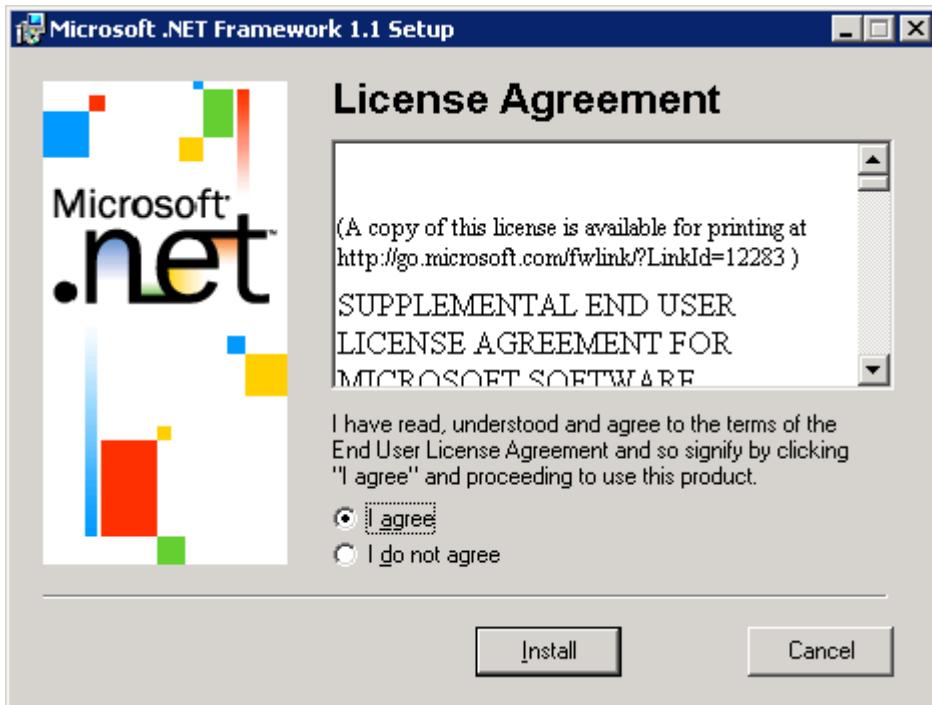
1.5.3.3. Select “Yes” to begin the installation.



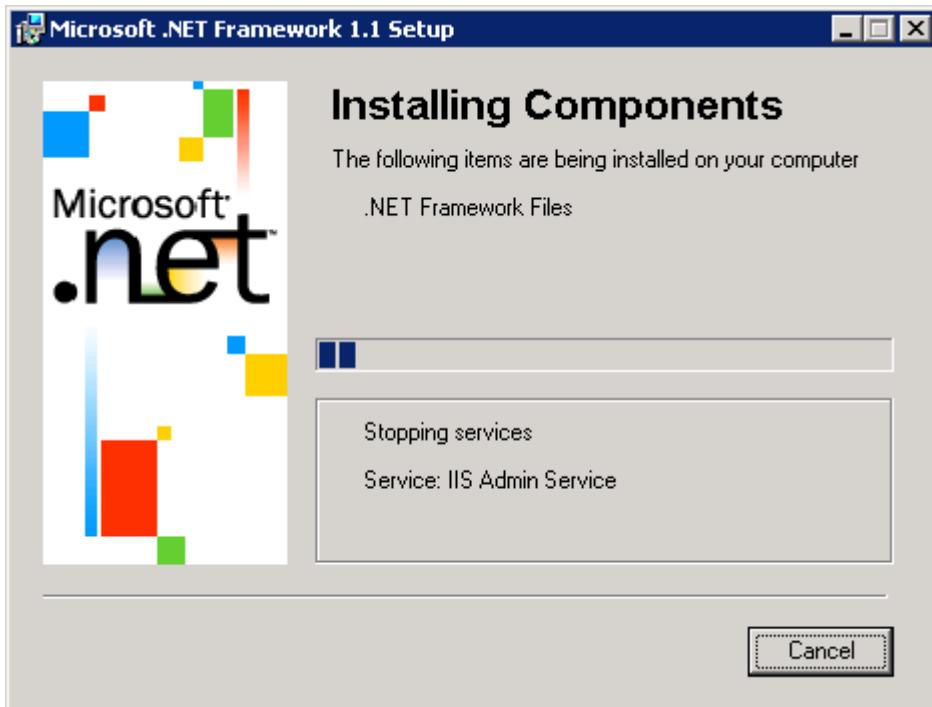
1.5.3.4. Select “Run program” to acknowledge the warning. This is not a problem for YuniquePLM.



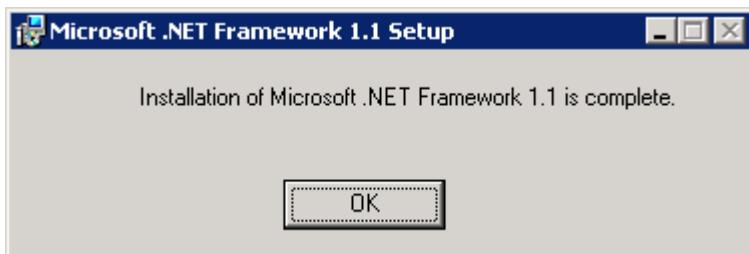
1.5.3.5. Select “I agree” and press the Install button.



1.5.3.6. Installation of .NET Framework 1.1 will begin.

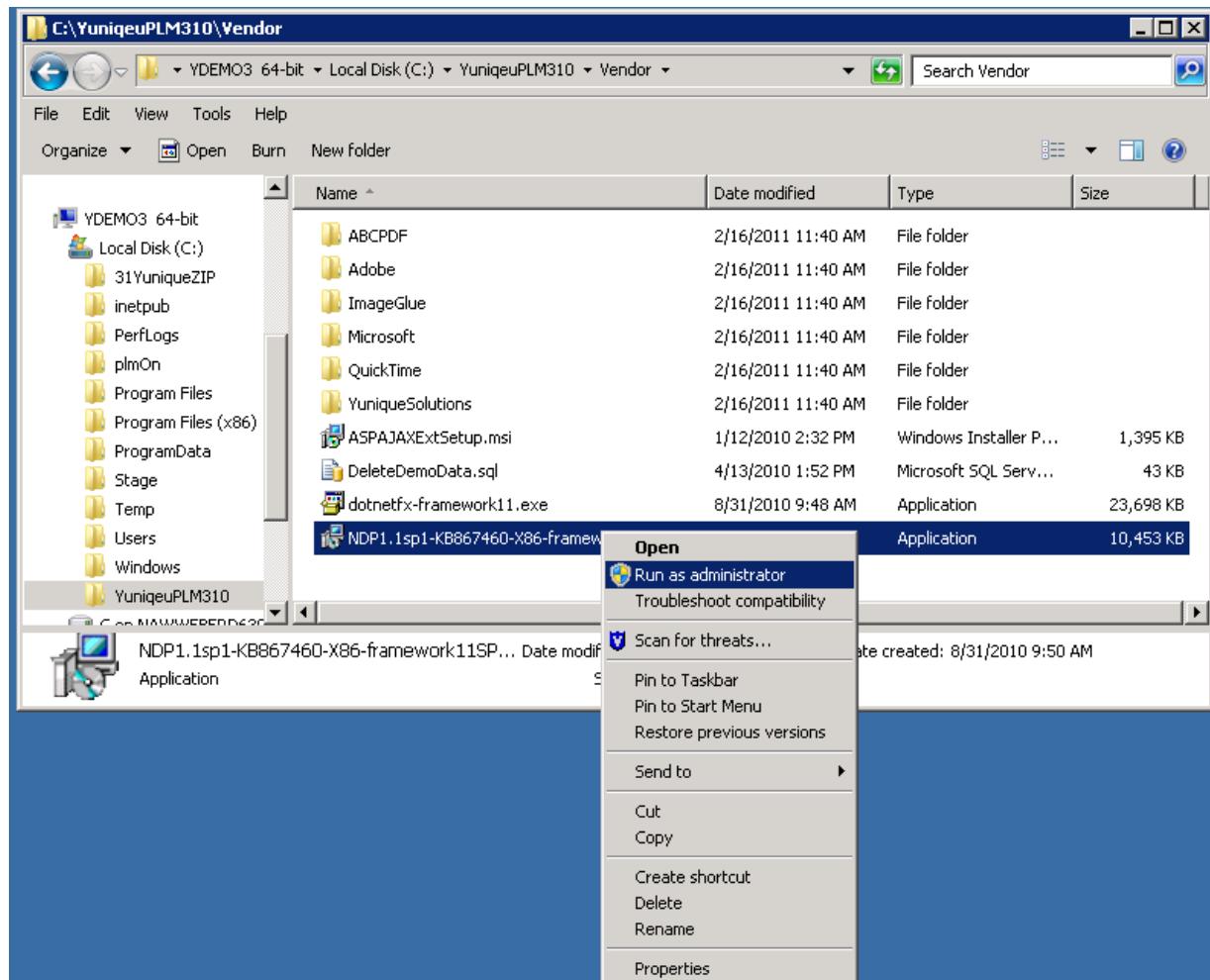


1.5.3.7. Press "OK" when complete.

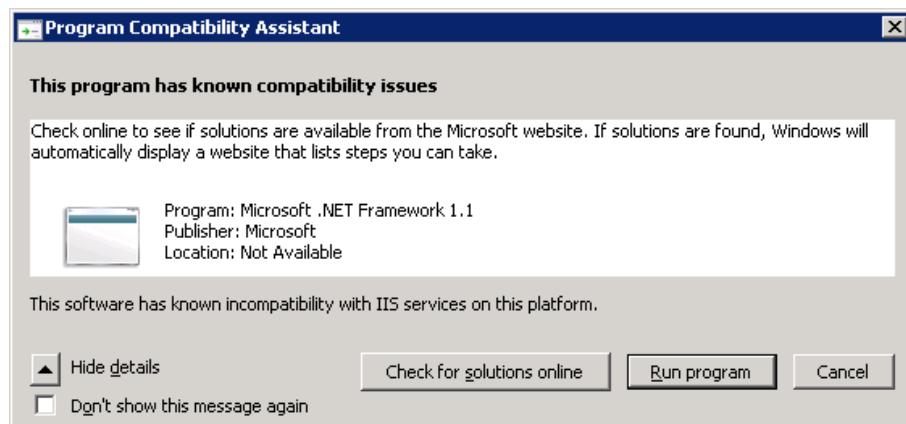


1.5.4. Microsoft .NET Framework 1.1 Service Pack 1.

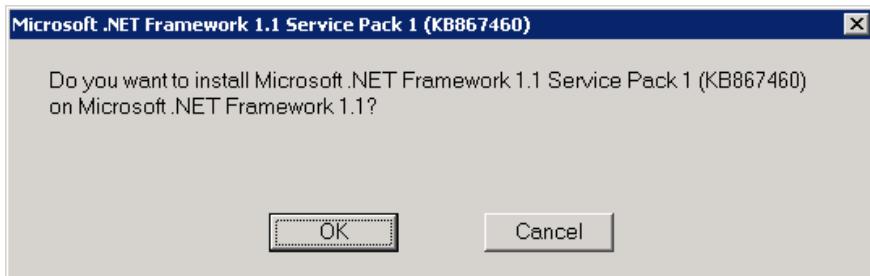
1.5.4.1. Go to the YuniquePLM31\Vendor folder and execute the “NDP1.1sp1-KB867460-X86-framework11SP1.exe” program. Right click on the file and select “Run as administrator”.



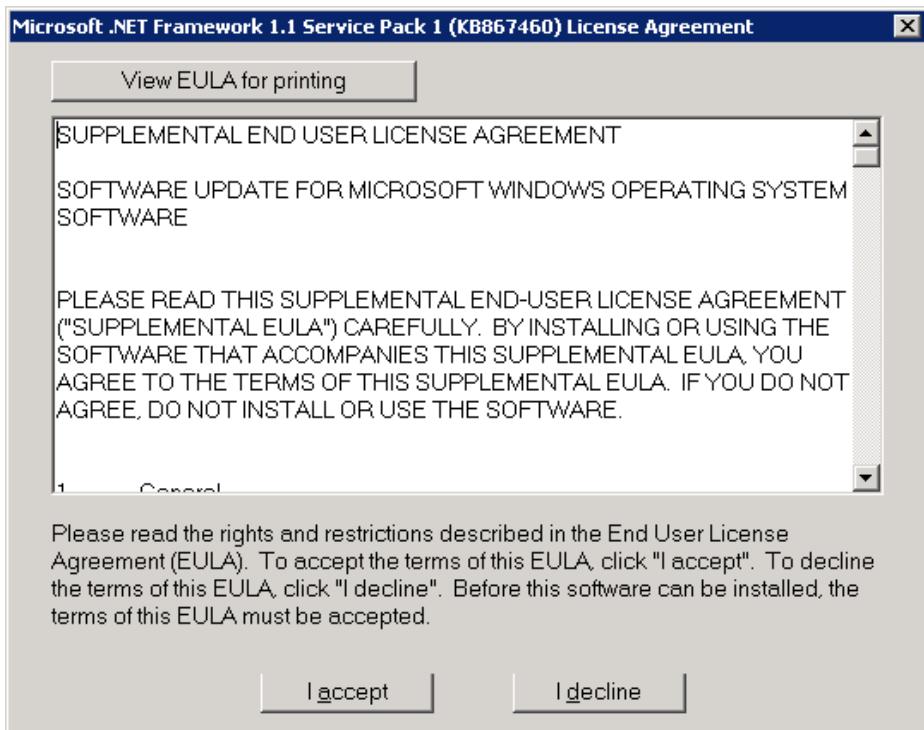
1.5.4.2. Select “Run program” to acknowledge the warning. This is not a problem for YuniquePLM.



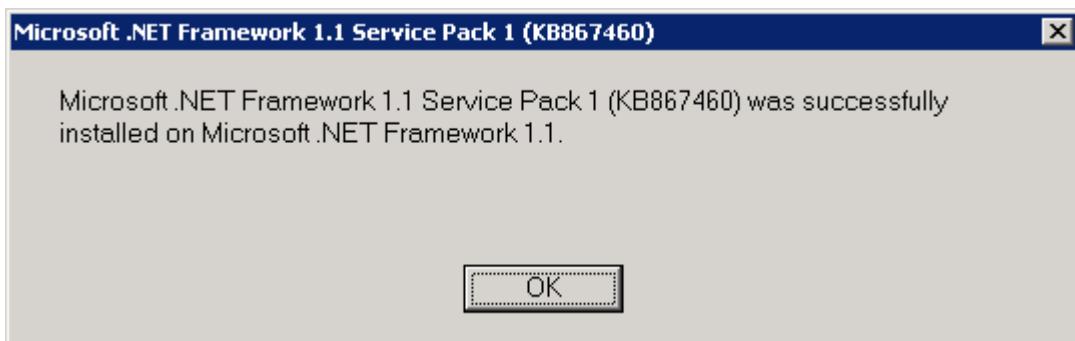
1.5.4.3. Press OK to begin the installation of .NET Framework 1.1 Service Pack 1



1.5.4.4. Press "I accept" to begin installation.

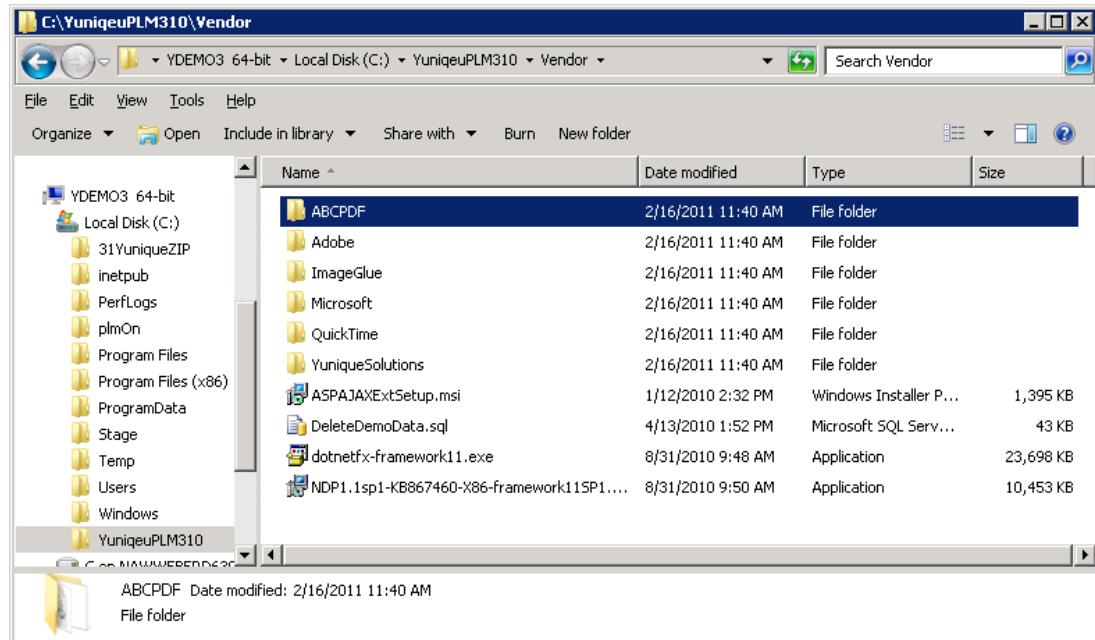


1.5.4.5. Press "OK" when complete.

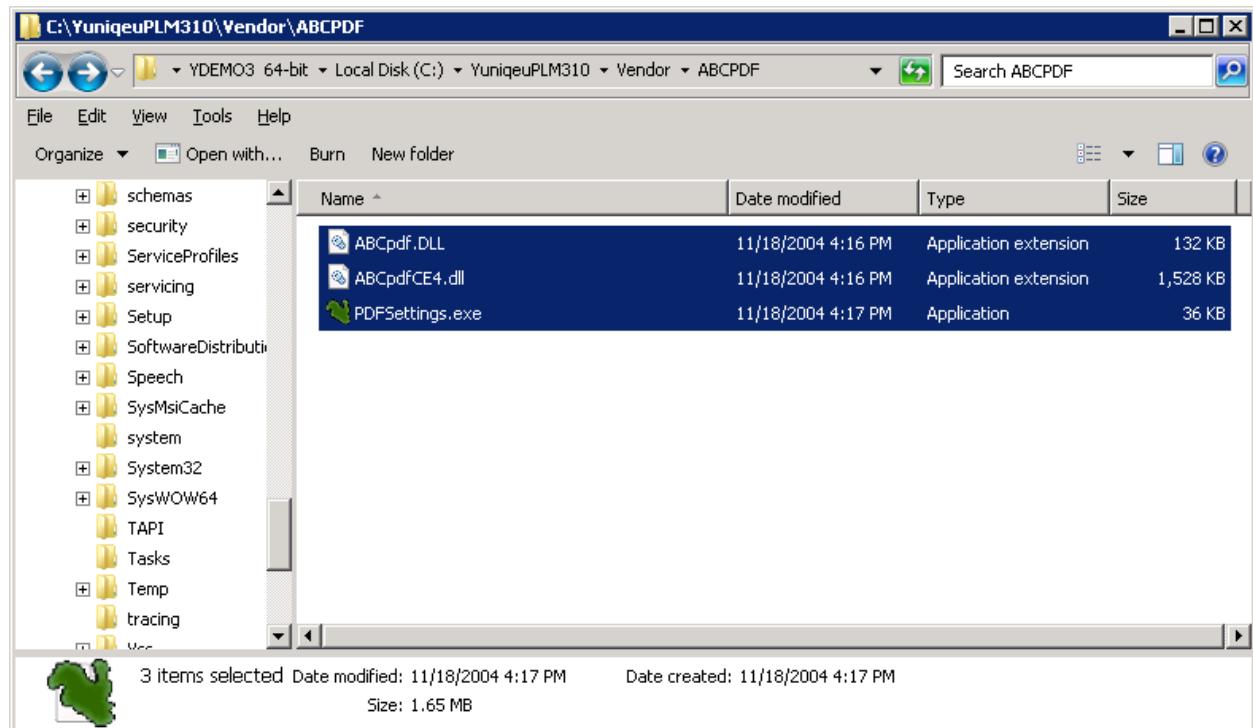


1.5.5. ABCPDF and ImageGlue modules.

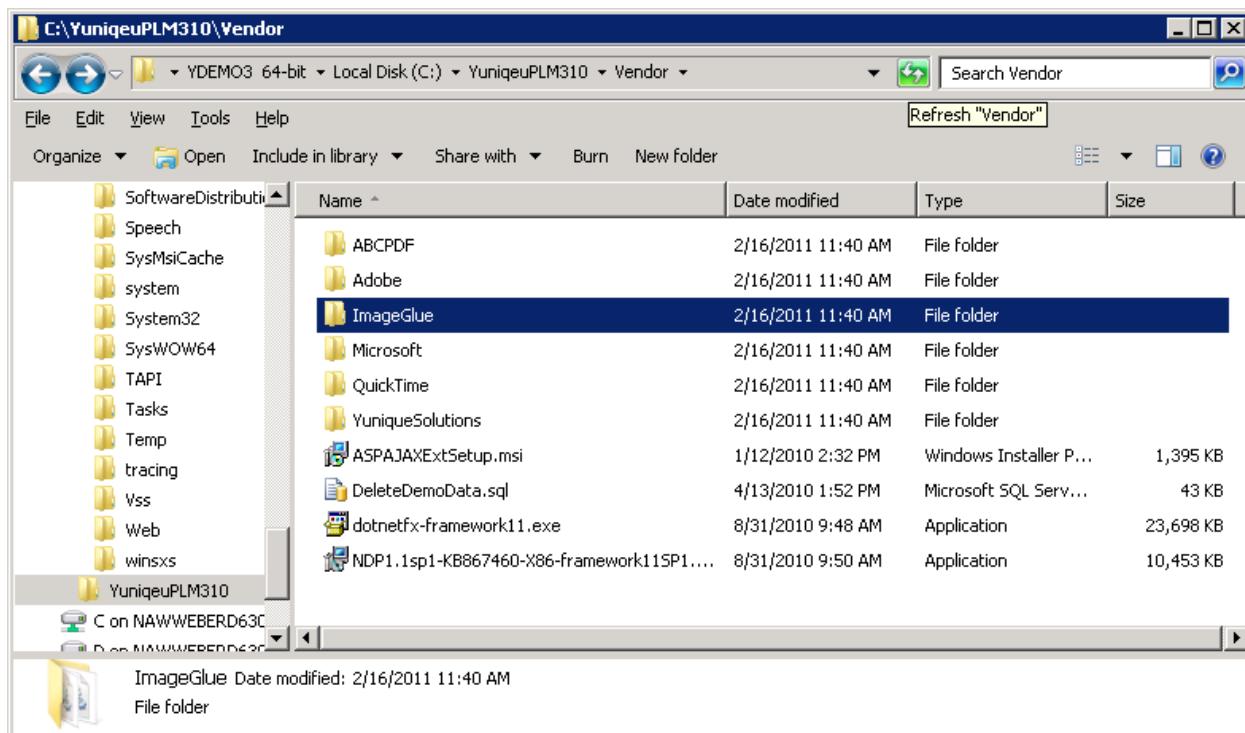
1.5.5.1. Although the YuniquePLM setup program has checkboxes for the installation of ABCPDF and ImageGlue, the installation is not complete at this time. Open the YuniquePLM31\Vendor\ABCPDF folder.



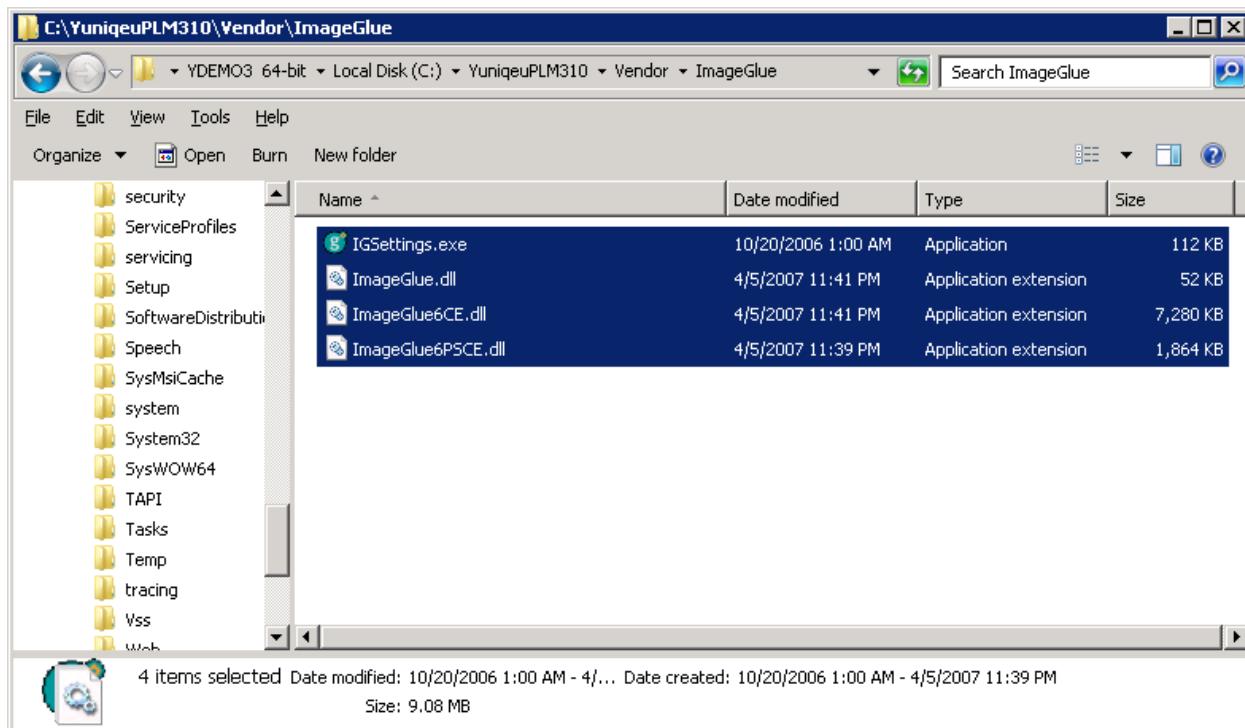
1.5.5.2. Copy files ABCpdf.DLL, ABCpdfCE4.dll, and PDFSettings.exe to the Windows\System32 and Windows\SysWOW64 (64-bit systems) folders.



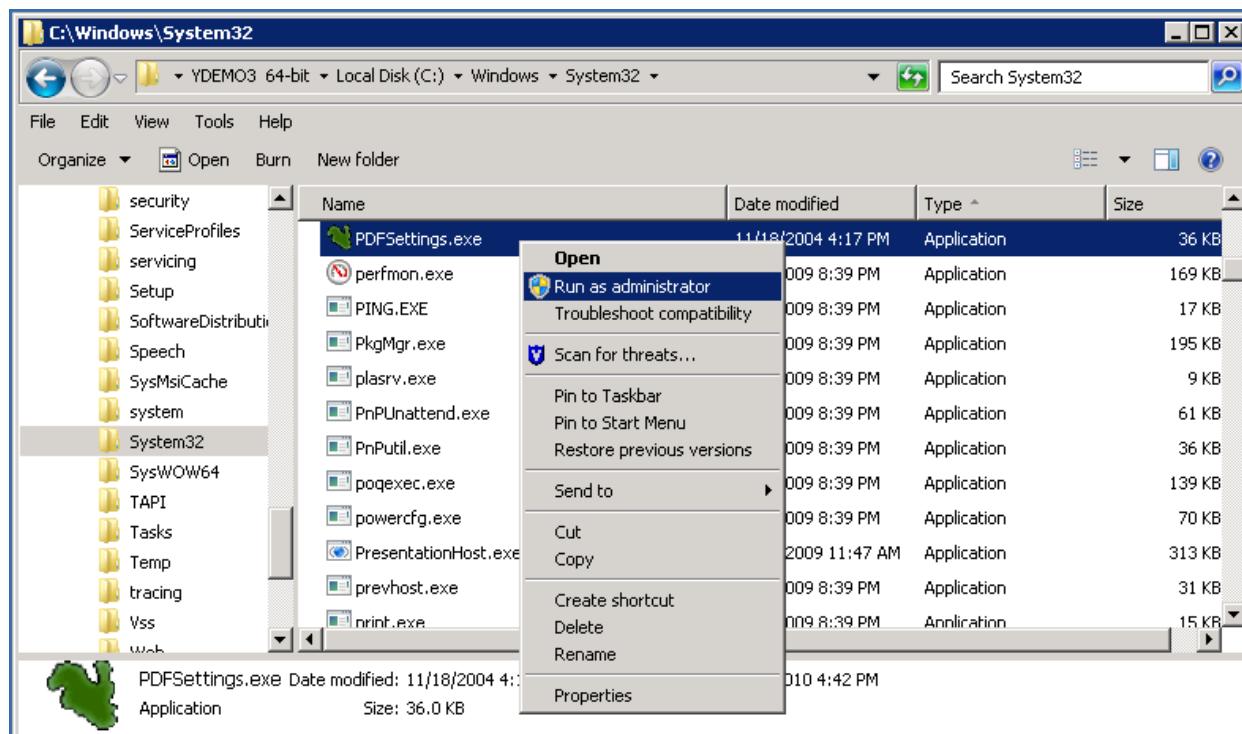
1.5.5.3. Open the YuniquePLM31\Vendor\ImageGlue folder.



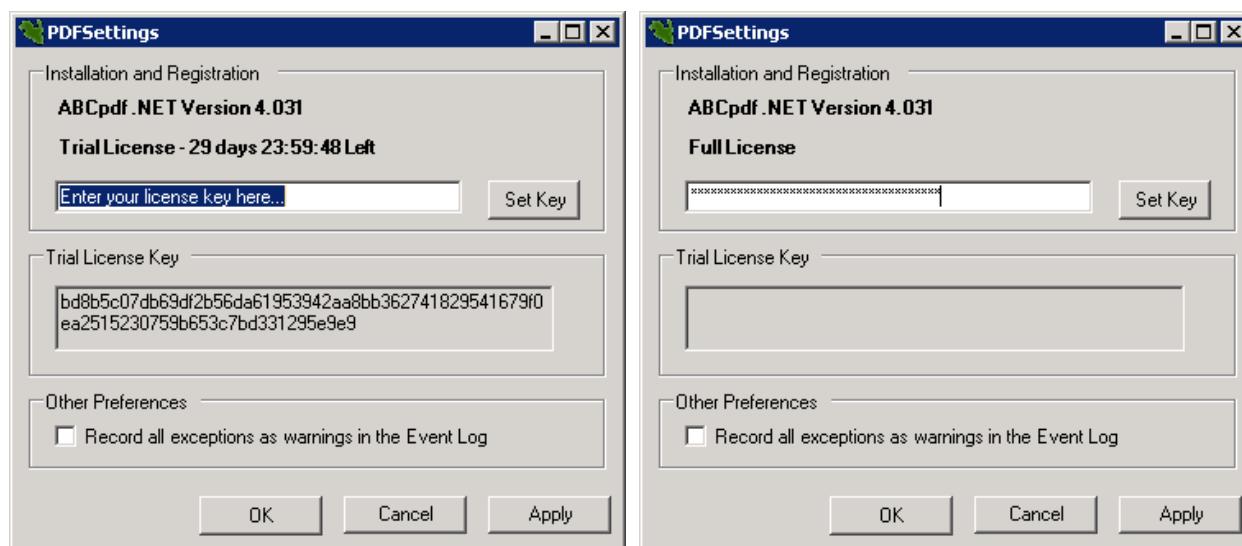
1.5.5.4. Copy files IGSettings.exe, ImageGlue.dll, ImageGlue6CE.dll, and ImageGlue6PSCE.dll to the Windows\System32 and Windows\SysWOW64 (64-bit systems) folders.



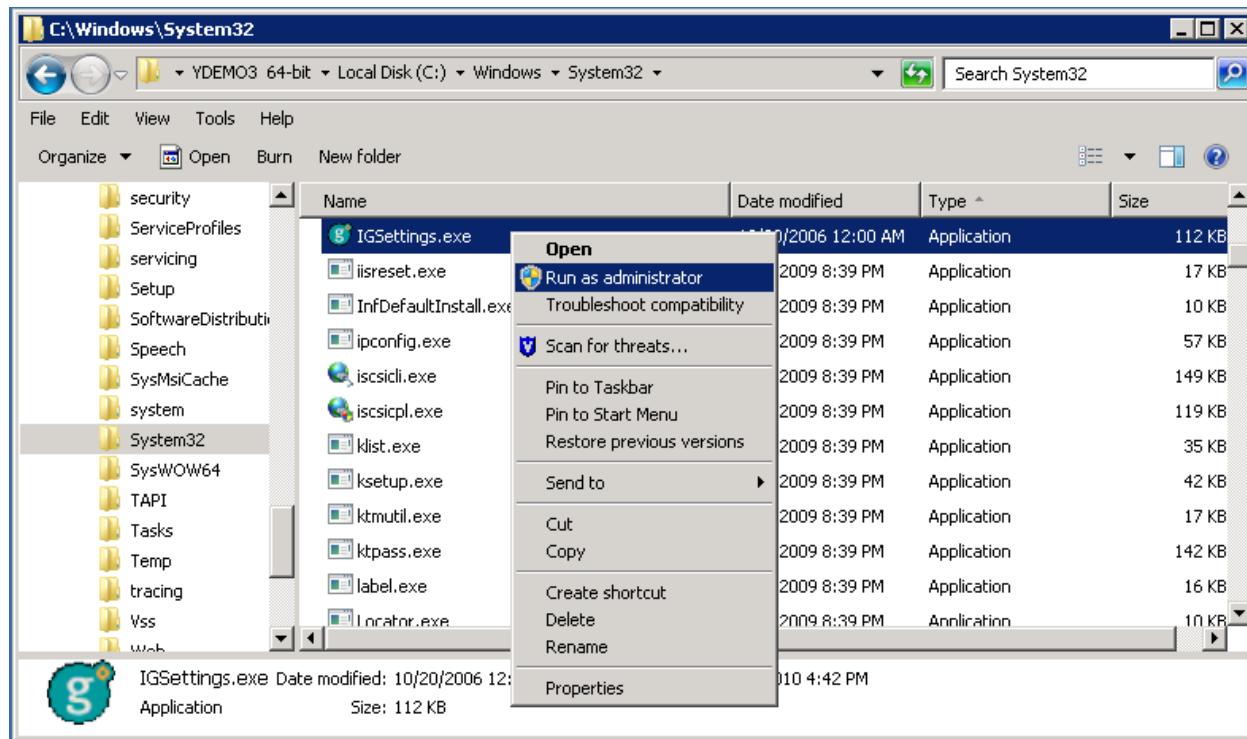
1.5.5.5. Open the Windows\System32 folder, find the PDFSettings.exe program, right click and select "Run as administrator" (Windows Server 2008), or double-click (Windows 2003 Server)



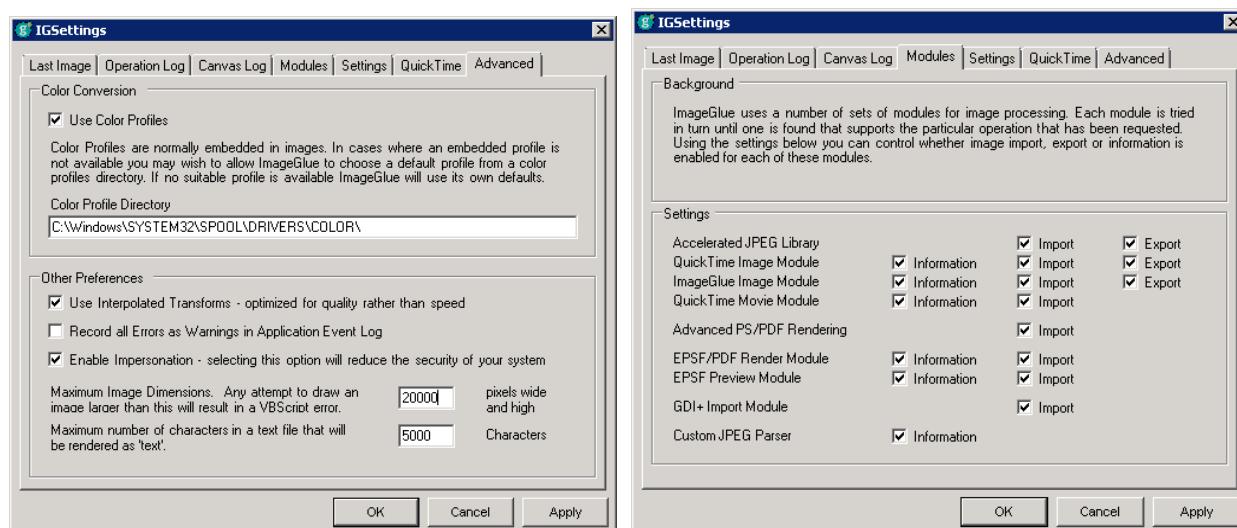
1.5.5.6. Enter the License Key and Press Apply. The license type should change from a Trial License to a Full License.



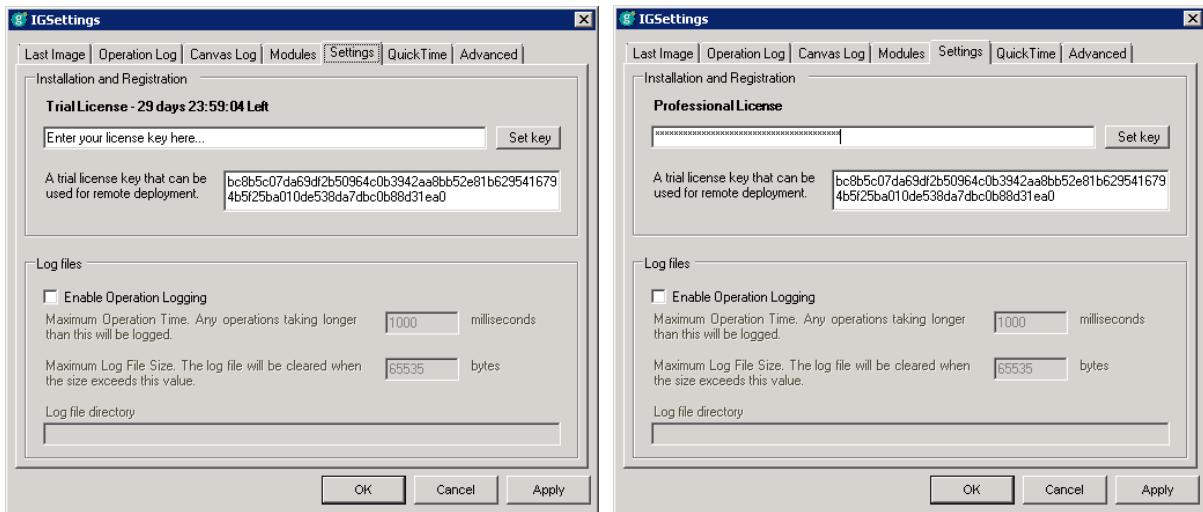
1.5.5.7. Open the Windows\System32 folder, find the IGSettings.exe program, right click and select “Run as administrator” (Windows Server 2008), or double-click (Windows 2003 Server).



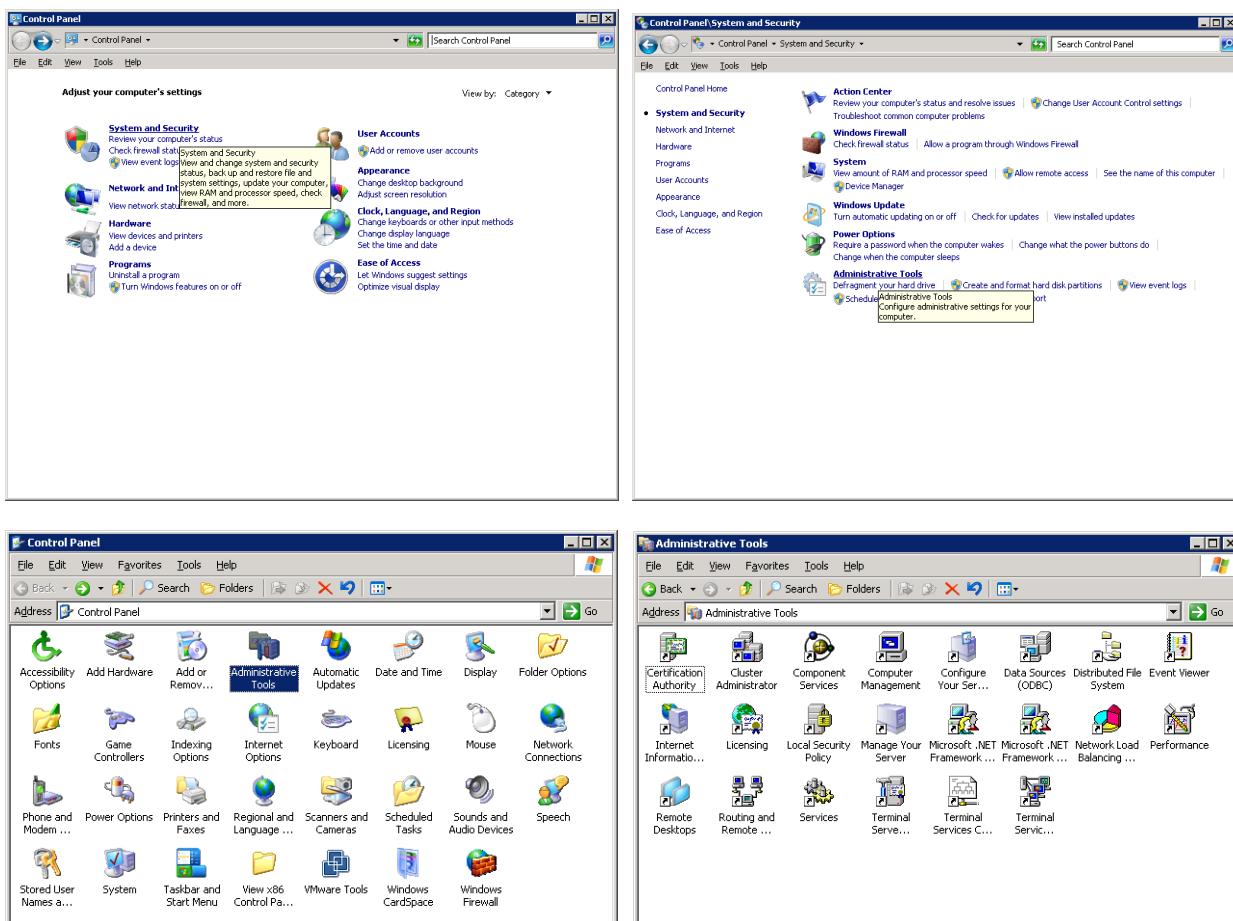
1.5.5.8. On the “Advanced” tab, check “Enable Impersonation” and change the “Maximum Image Dimensions” from 2000 to 20000. On the “Modules” tab insure all boxes are checked.



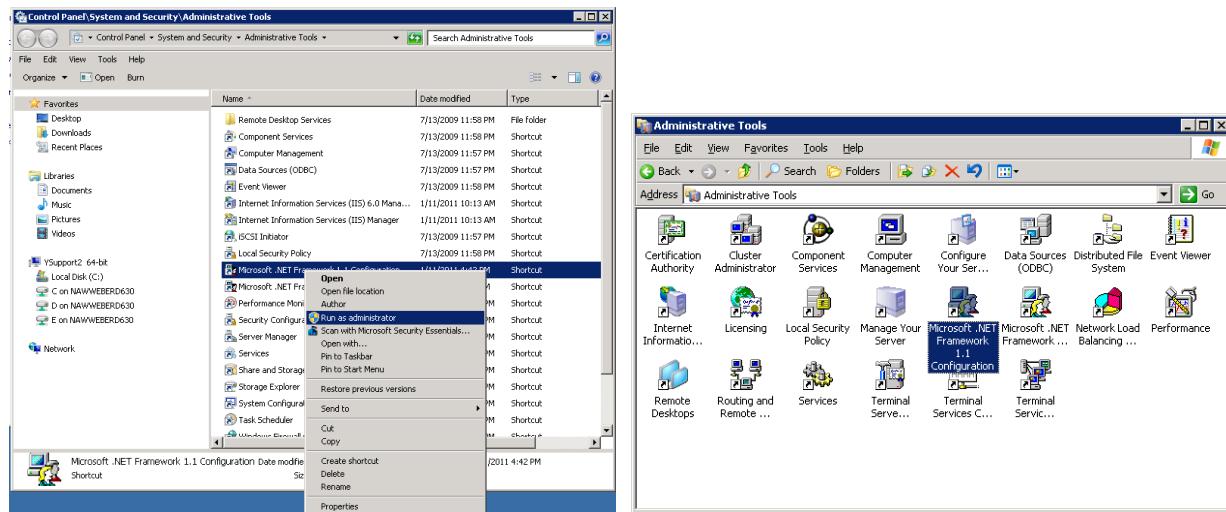
1.5.5.9. On the “Settings” tab, enter the License Key and Press Apply. The license type should change from a Trial License to a Professional License.



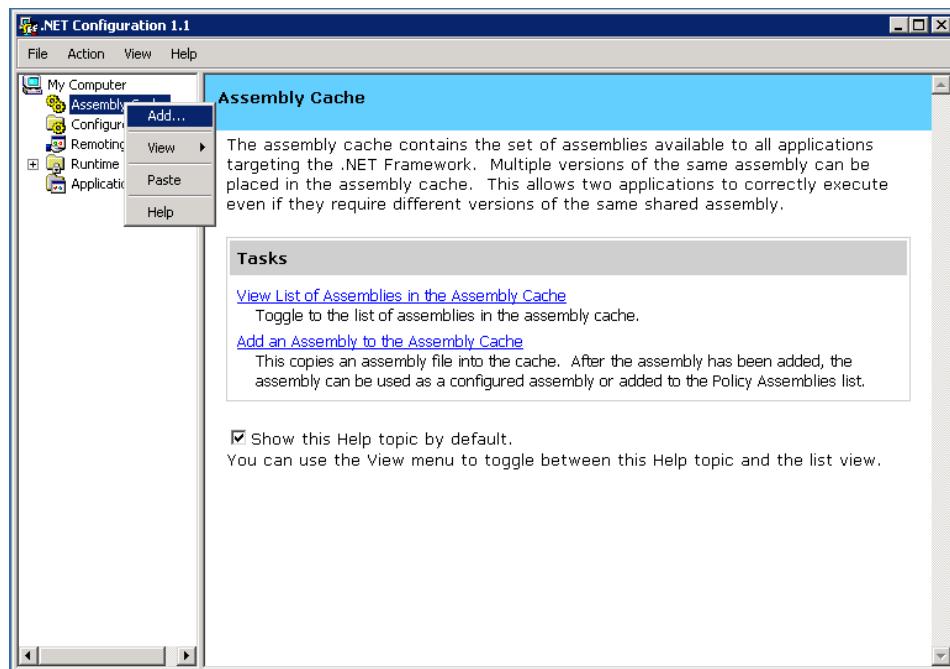
1.5.6. For Windows Server 2008, open the Control Panel and select “System and Security”, then select “Administrative Tools”. For Windows 2003 Server open the Control Panel and open “Administrative Tools”.



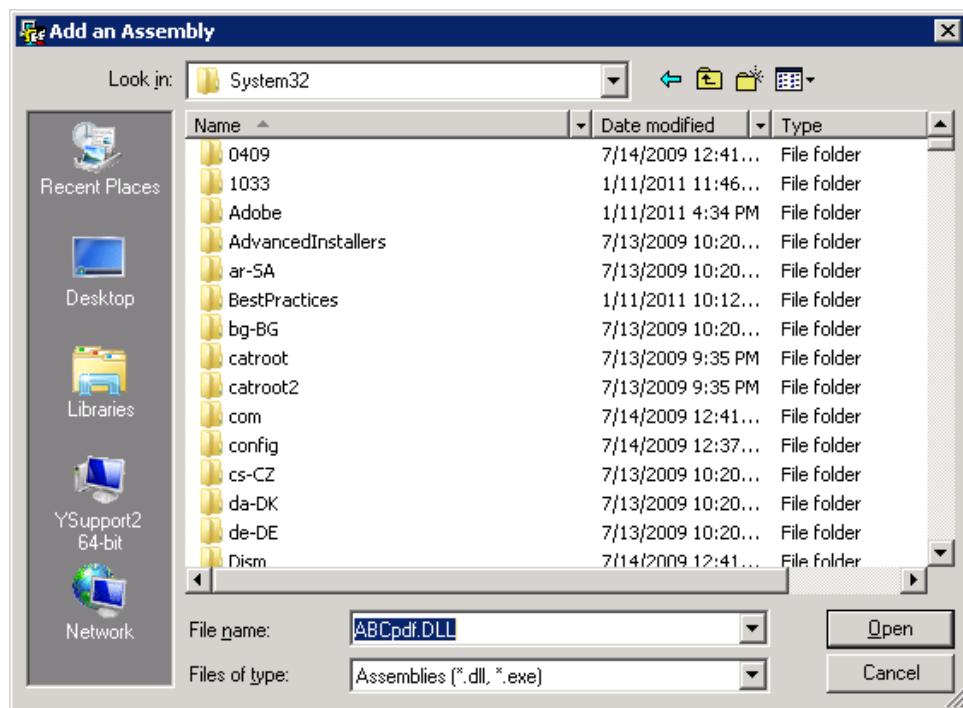
1.5.6.1. For Windows Server 2008 right click on “Microsoft .NET Framework 1.1 Configuration” and select “Run as Administrator”. For Windows 2003 Server, double click on “Microsoft .NET Framework 1.1 Configuration”.



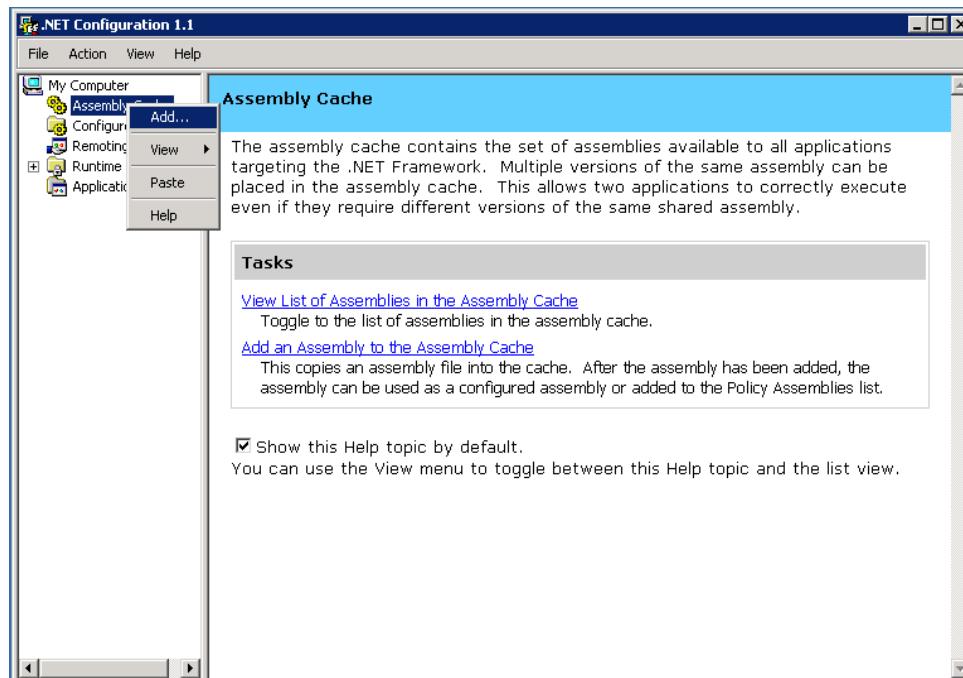
1.5.6.2. Right click on “Assembly Cache” and select “Add”



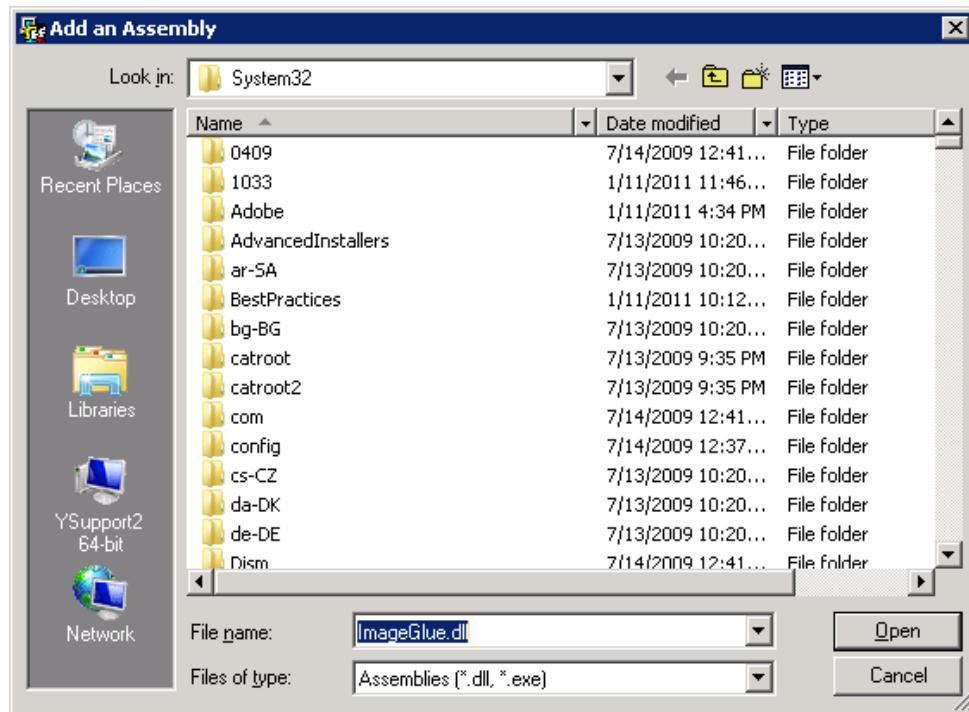
1.5.6.3. Locate and select “ABCpdf.DLL” in the Windows\System32 folder a press the “Open” button



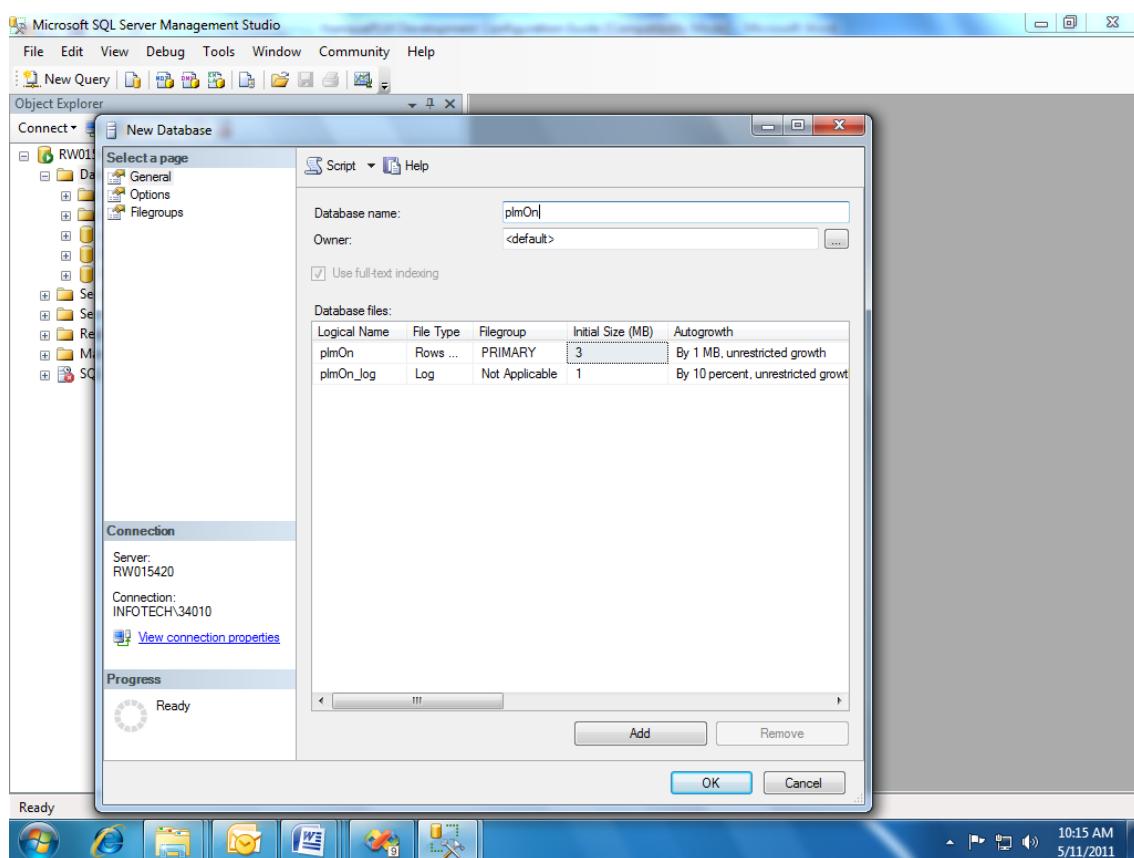
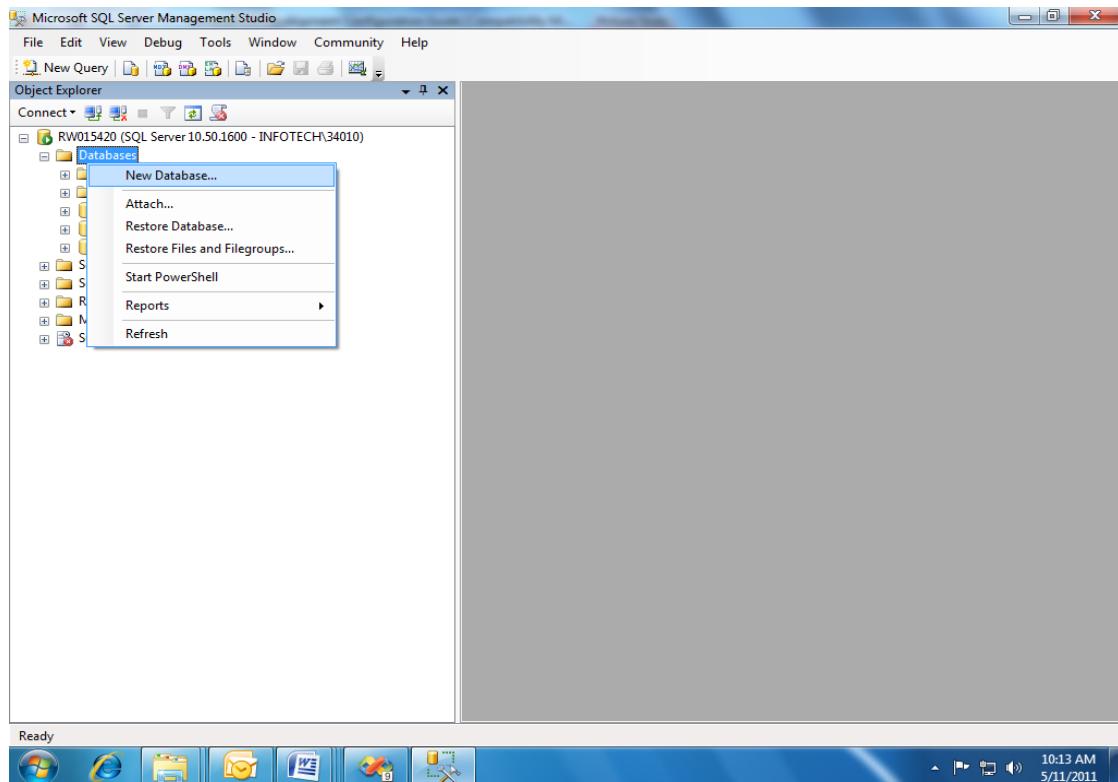
1.5.6.4. Right click on “Assembly Cache” and select “Add”



1.5.6.5. Locate and select “ImageGlue.dll” in the Windows\System32 folder a press the “Open” button

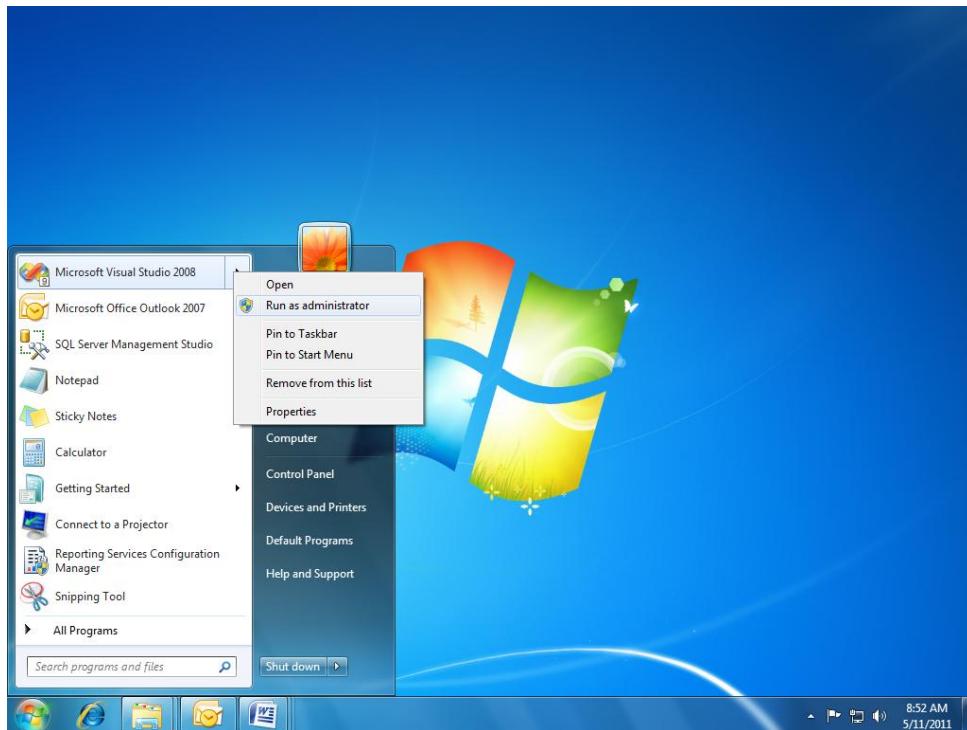


1.5.7. For Database, create a blank database plmOn.

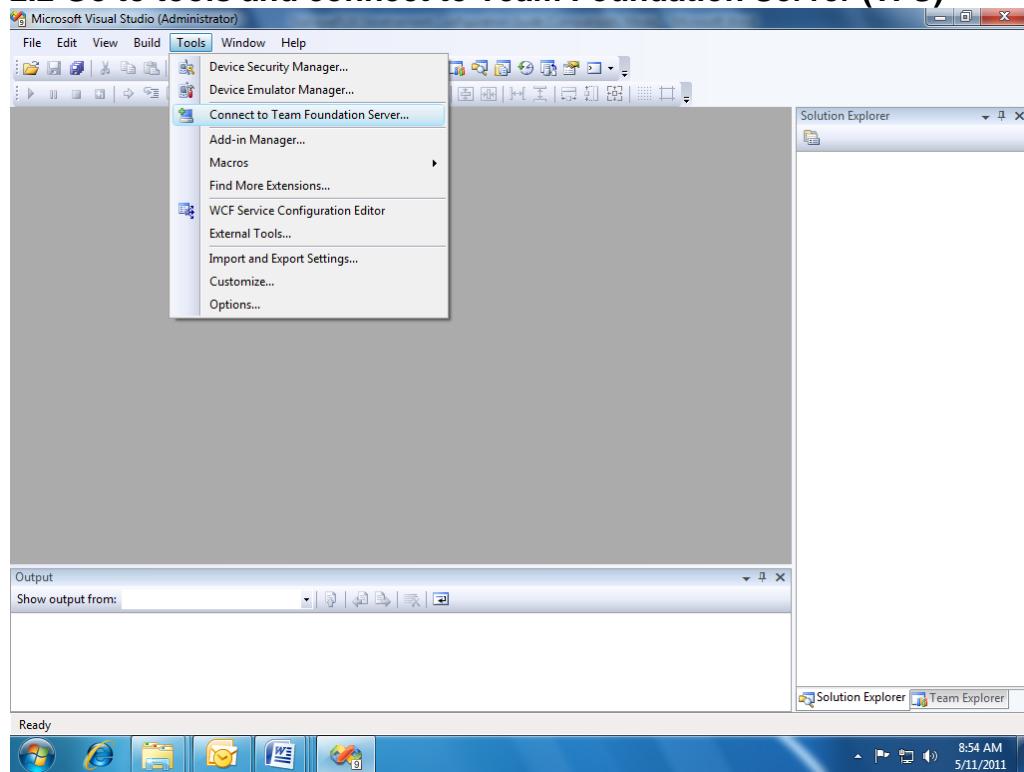


2. Get the Latest Application Code from trunk folder of TFS Server

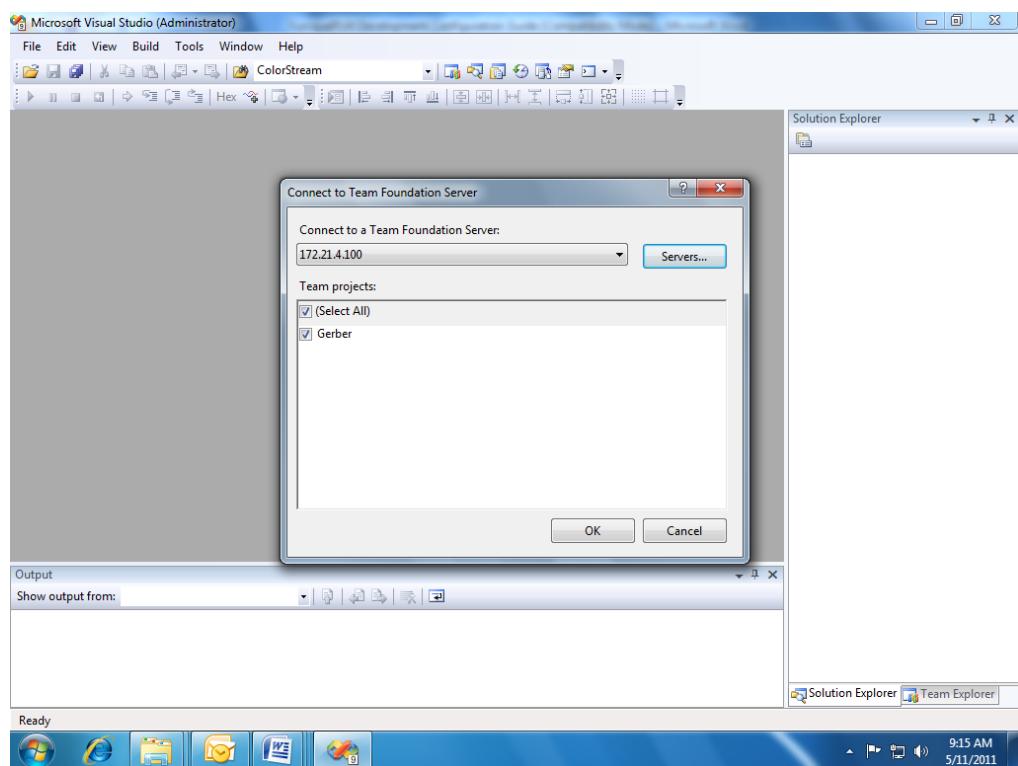
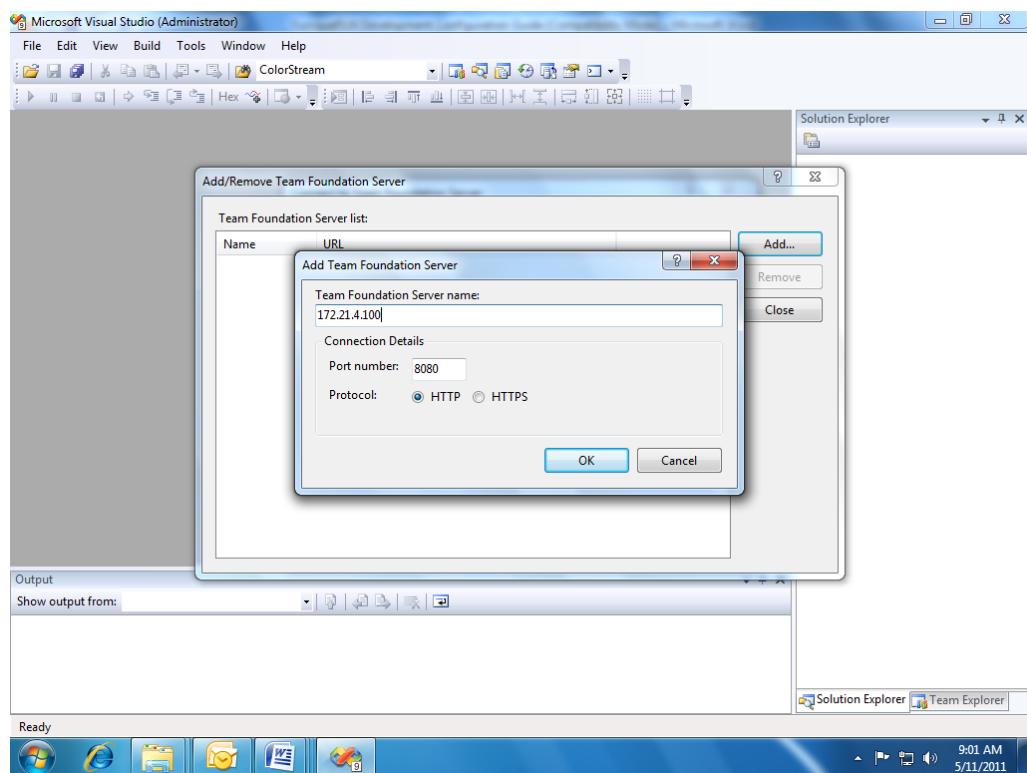
2.1 Run the Visual Studio as administrator

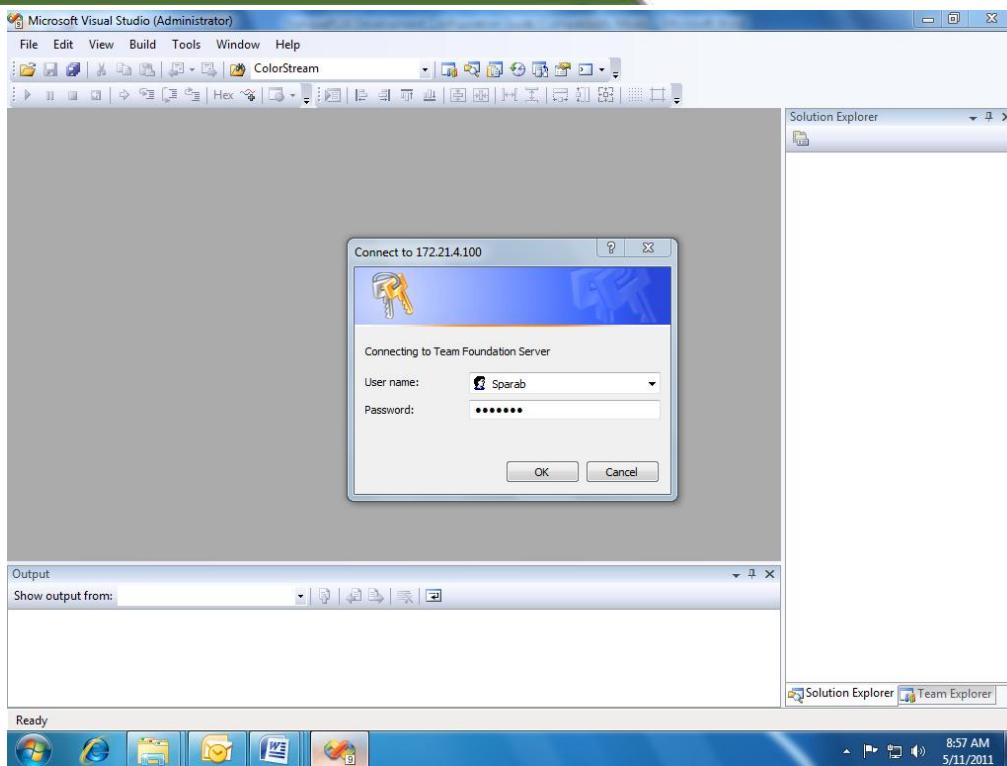


2.2 Go to tools and connect to Team Foundation Server (TFS)

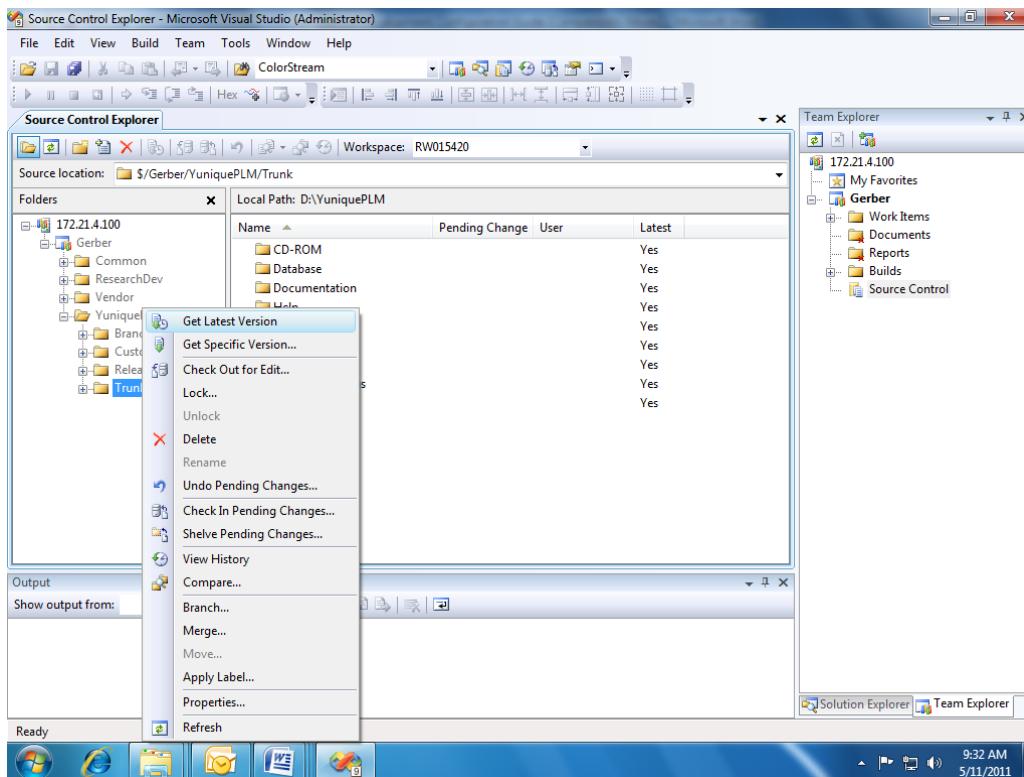


2.3 Add the TFS server as shown

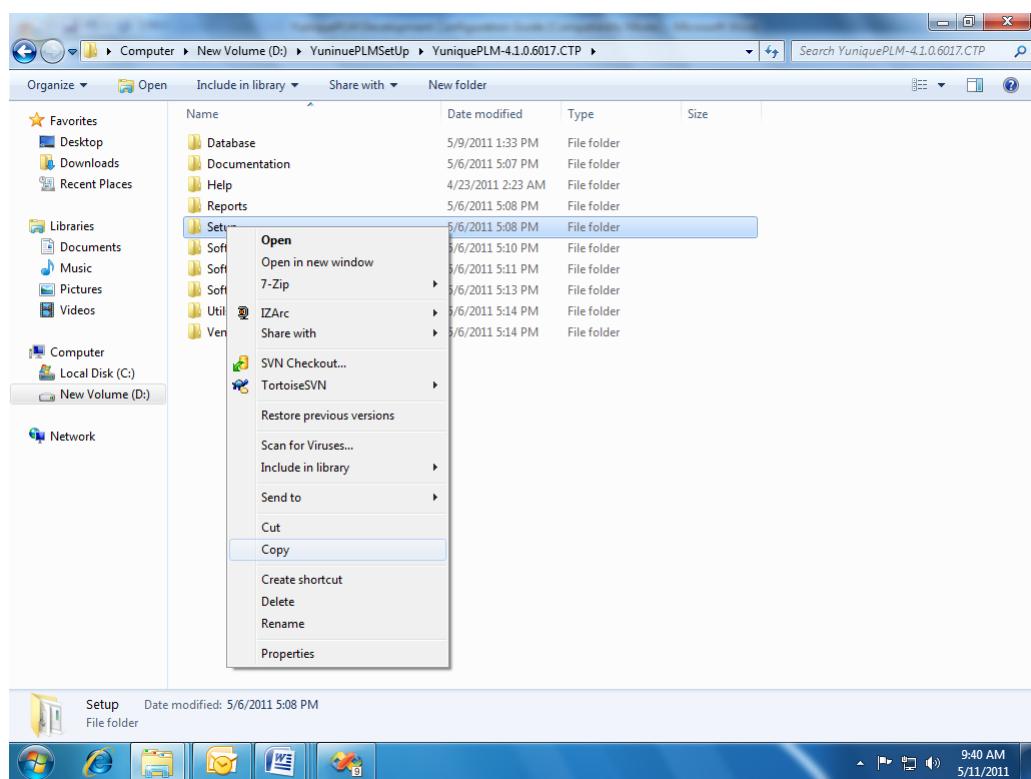




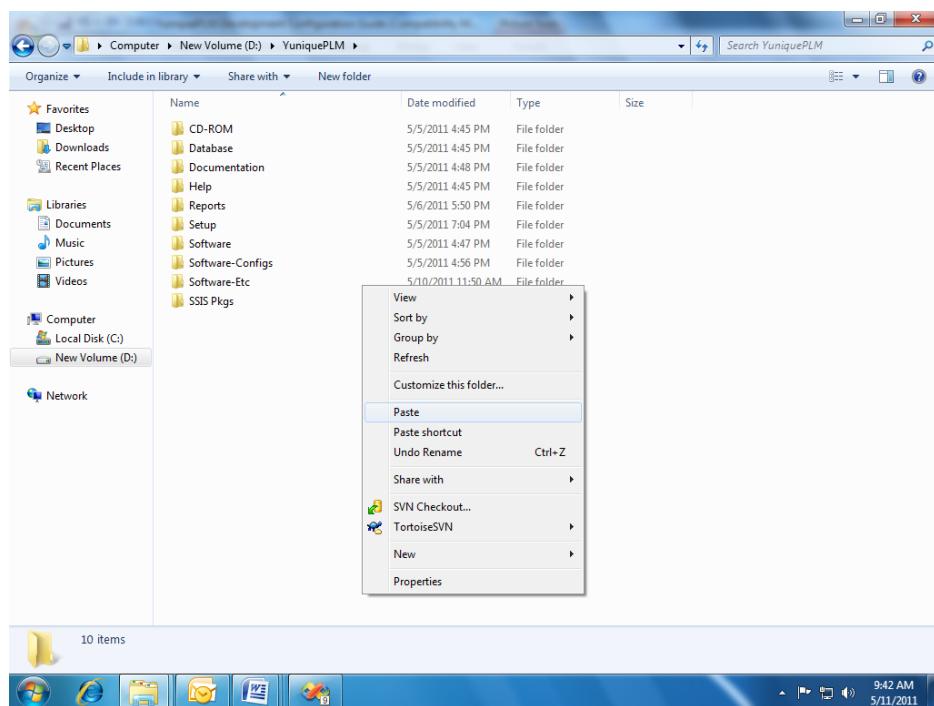
2.3 Go to the trunk and get the latest.



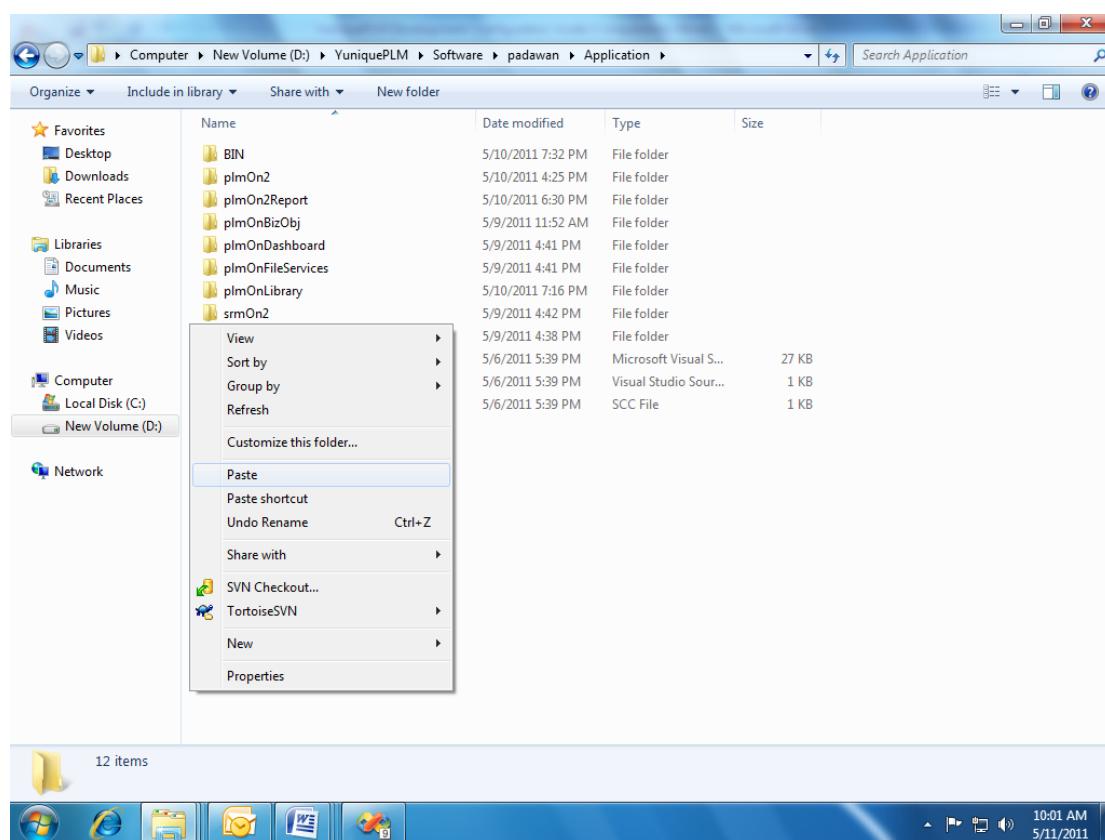
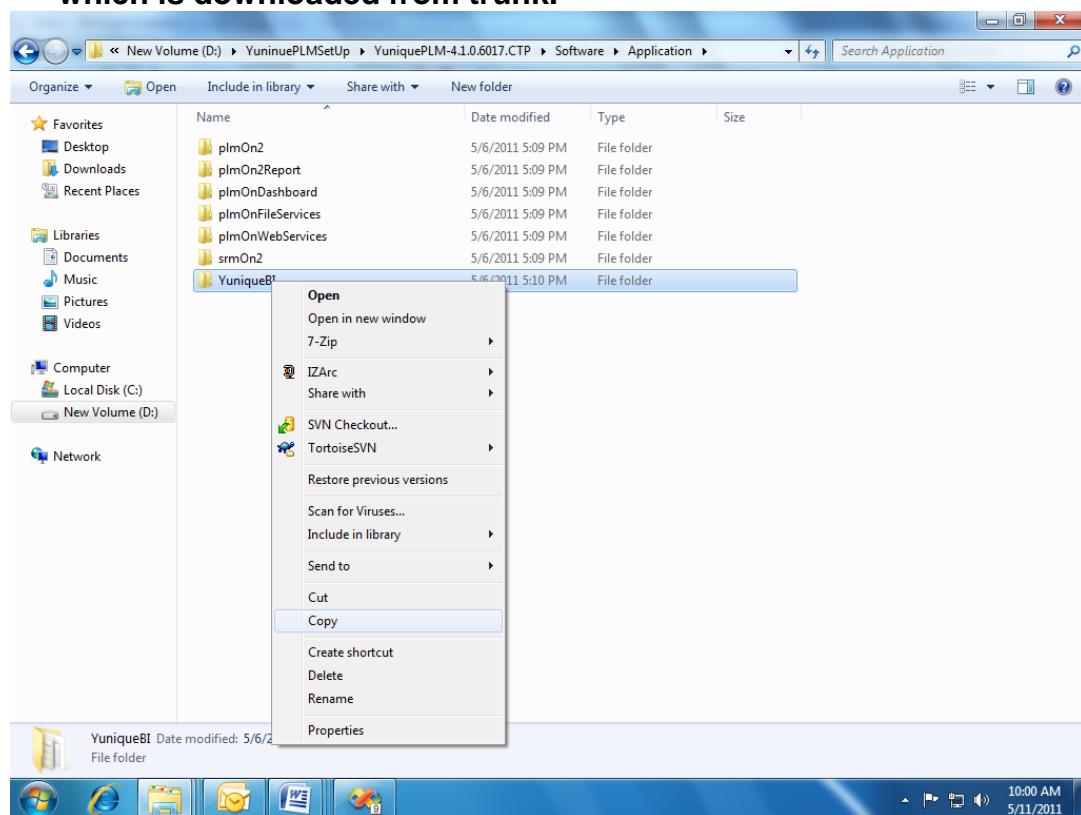
3. Copy the Setup from CTP folder to the Application folder which is downloaded from trunk.



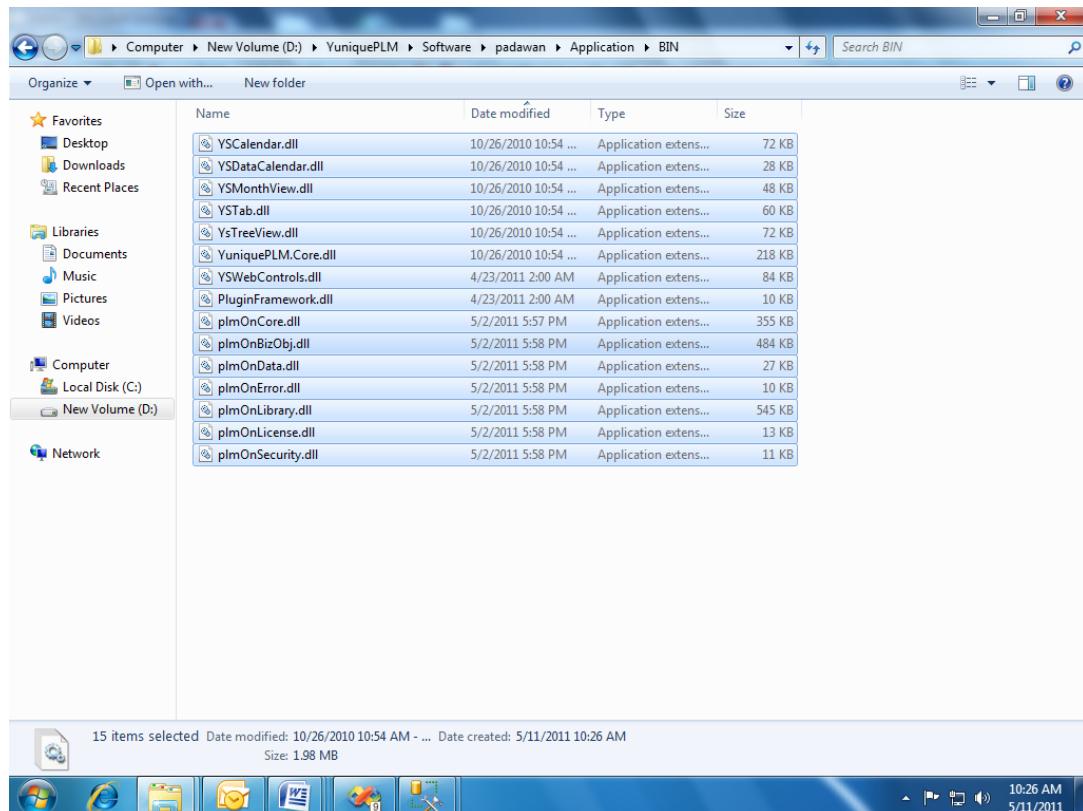
YuniquePLM folder shown below is downloaded from Trunk



4. Copy the YuniqueBI folder from CTP (YuniquePLM-4.1.0.6017.CTP\Software\Application) folder to the Application Software folder which is downloaded from trunk.



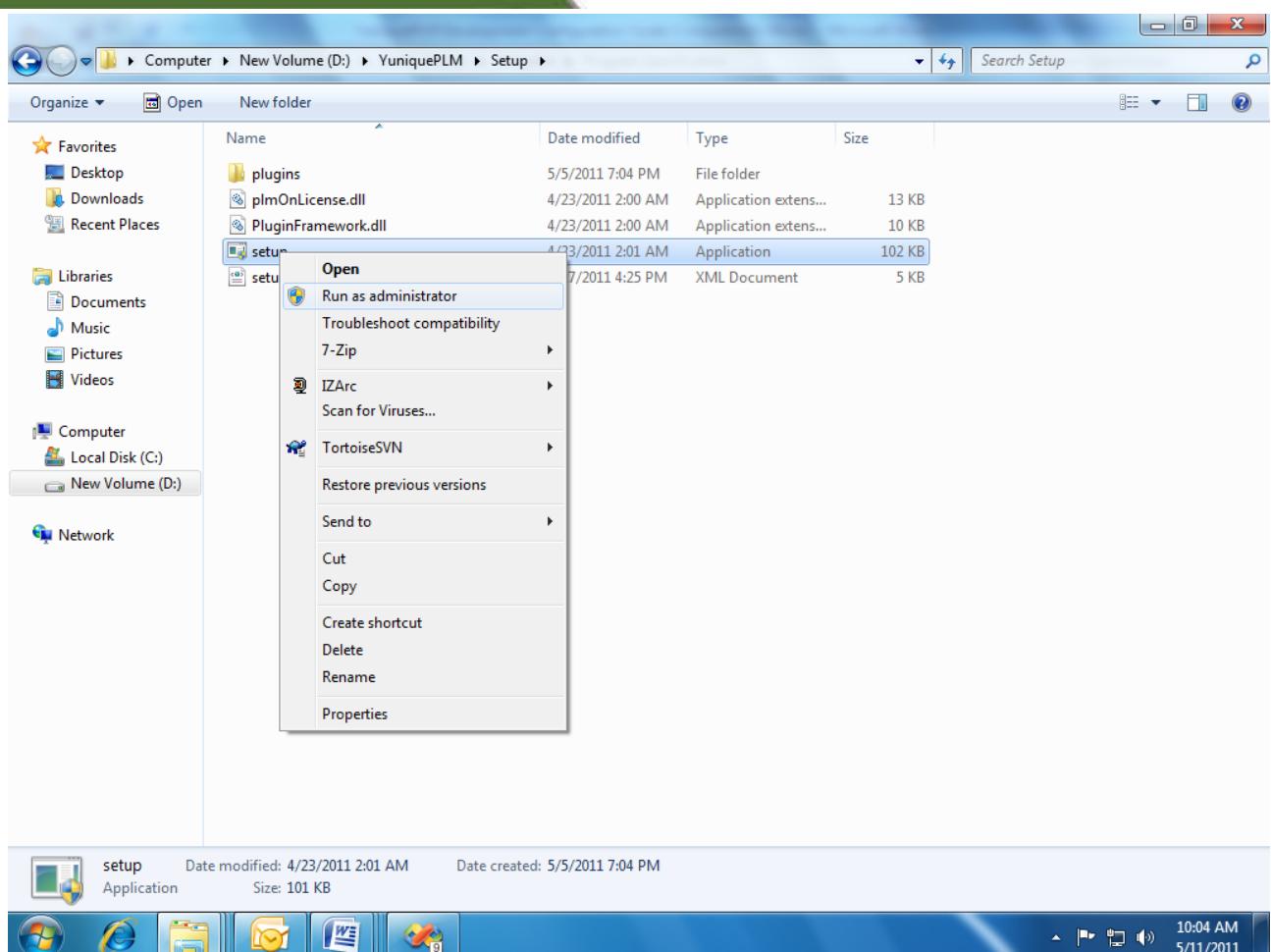
Copy the latest dll for the respective version from downloaded from FTP to the BIN of the application folder.



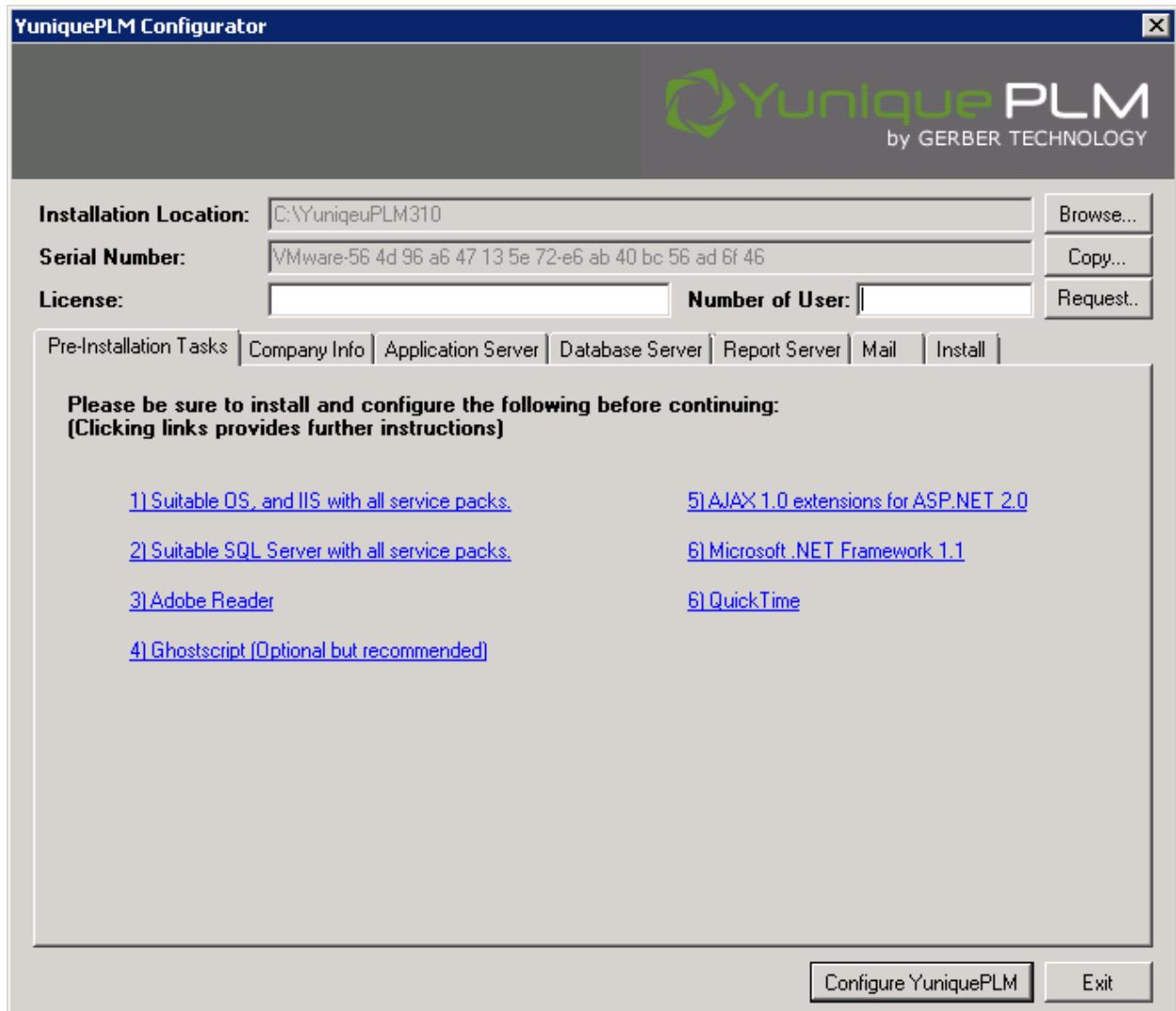
5. Installing YuniquePLM

The setup program currently does limited error checking during the installation process. Insure that the currently logged in user has appropriate permissions for setup and installation, that all the required information is entered and correct, and that all the prerequisite support programs and utilities have been performed prior to running the setup program. Also for Windows Server 2008 use the “Run as administrator” where documented, even if the currently logged in user is an Administrator. The installation description below shows a single server installation. Note that balloon help messages are displayed for many data entry boxes by placing the mouse pointer in the box.

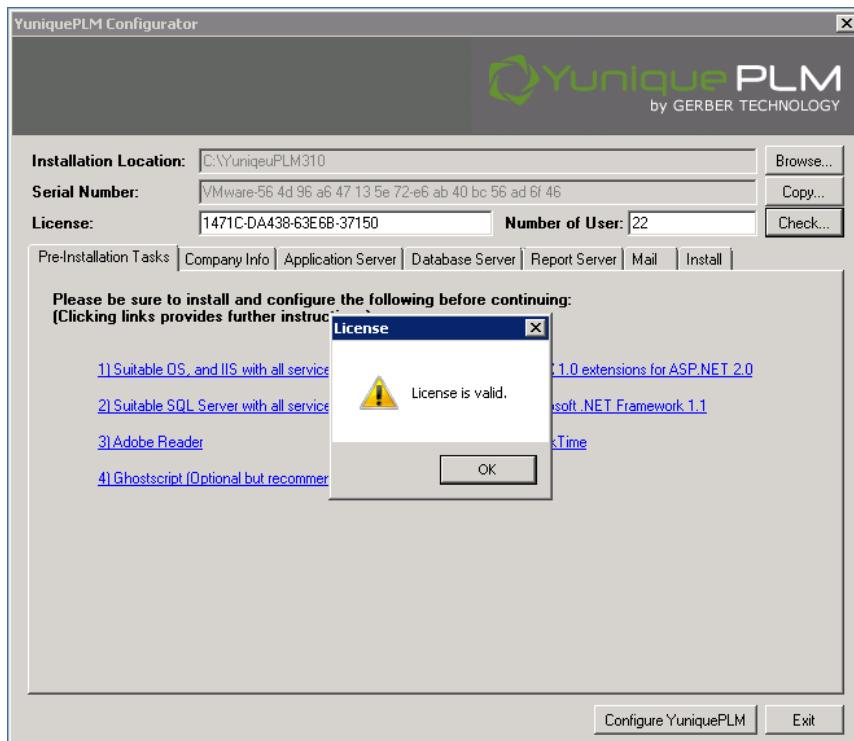
- 5.2. Locate the “setup.exe” program in the Application\Setup folder which is downloaded from trunk. For Windows Server 2008 right click and select “Run as administrator”. For Windows 2003 Server double click on “setup.exe”



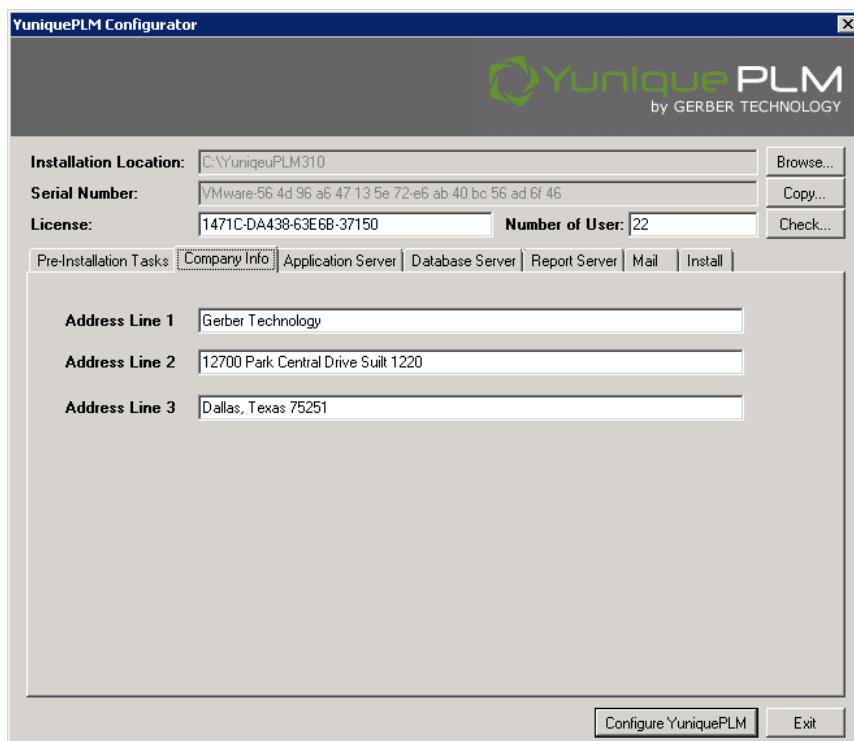
5.2.1. The “Serial Number” box will display the system serial number. Press the “Copy” button to copy the serial number to the system clipboard. Paste this number into a text file and send to Gerber so a License can be created. A License is only required on web servers.



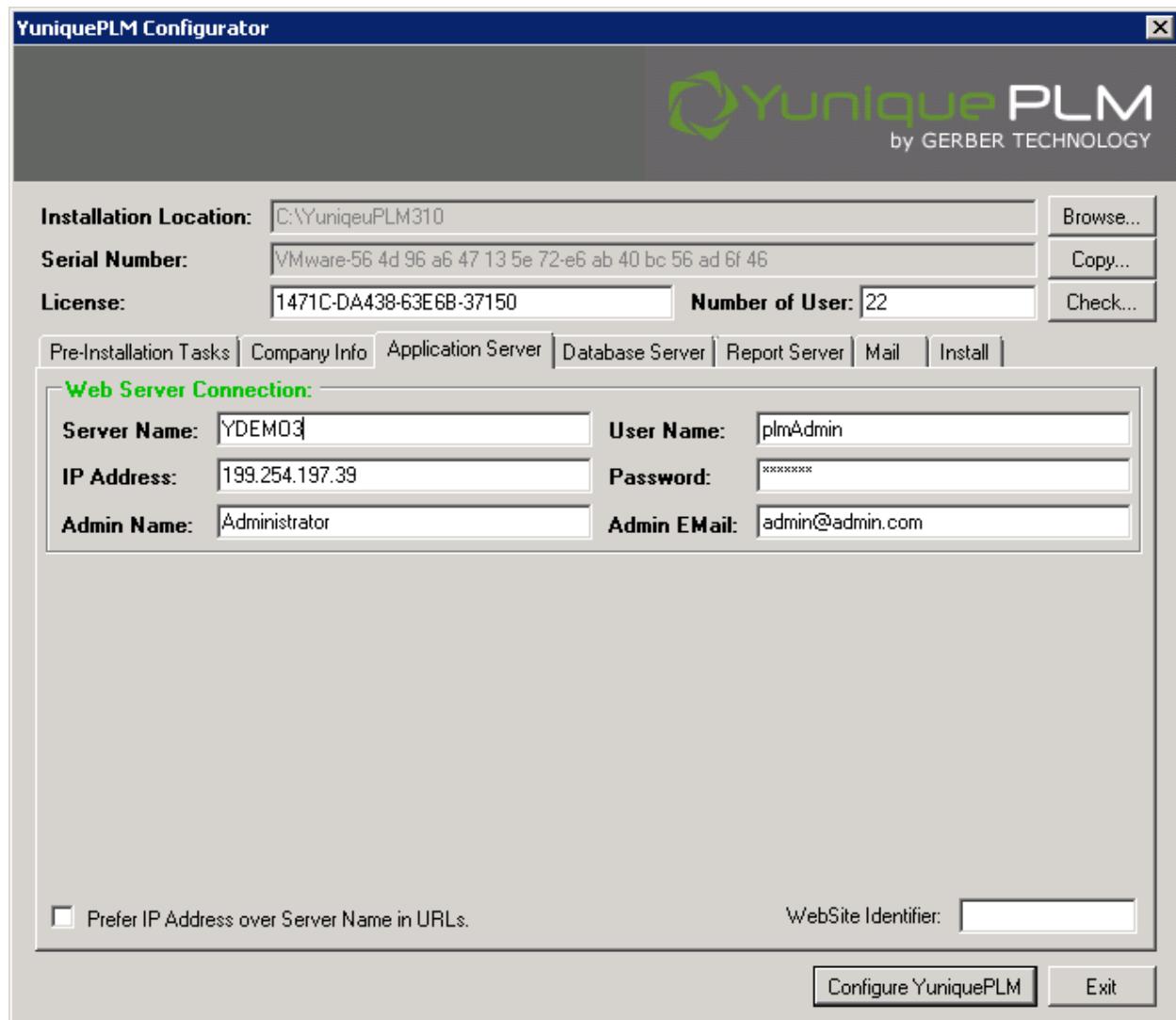
5.2.2. Enter the license number and the number of users and press the “Check” button to validate the license.



5.2.3. Press the “Company Info” tab and enter the company address information.



5.2.4. Press the “Application Server” tab and enter the web server name and the TCP/IP address of the web server (the TCP/IP address should be a static address). Enter the name of the local Windows user account and password you want the setup program to create. This account is the website impersonation account. Enter the name of the YuniquePLM administrator and the YuniquePLM administrator’s email address. Normally the YuniquePLM websites that are created are named plmOn, YuniqueBI, and srmOn. If you wish to add a website identifier to the end of the website names created, enter the identifier in the “Website Identifier” box. For example, entering “Test” in the “Website Identifier” box will direct the setup program to create websites plmOnTest, YuniqueBITest, and srmOnTest.



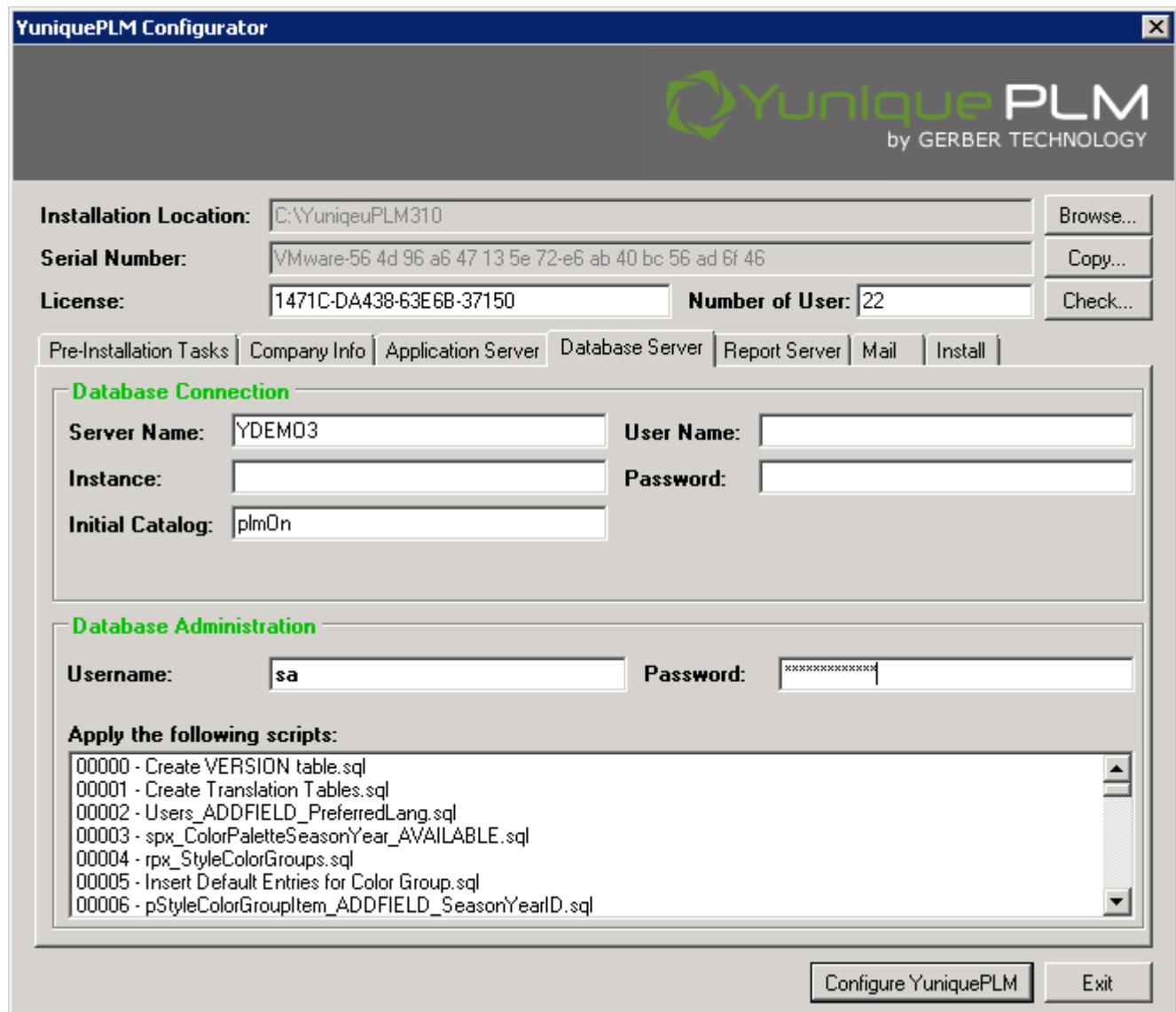
5.2.5. Press the “Database Server” tab.

Database Connection section

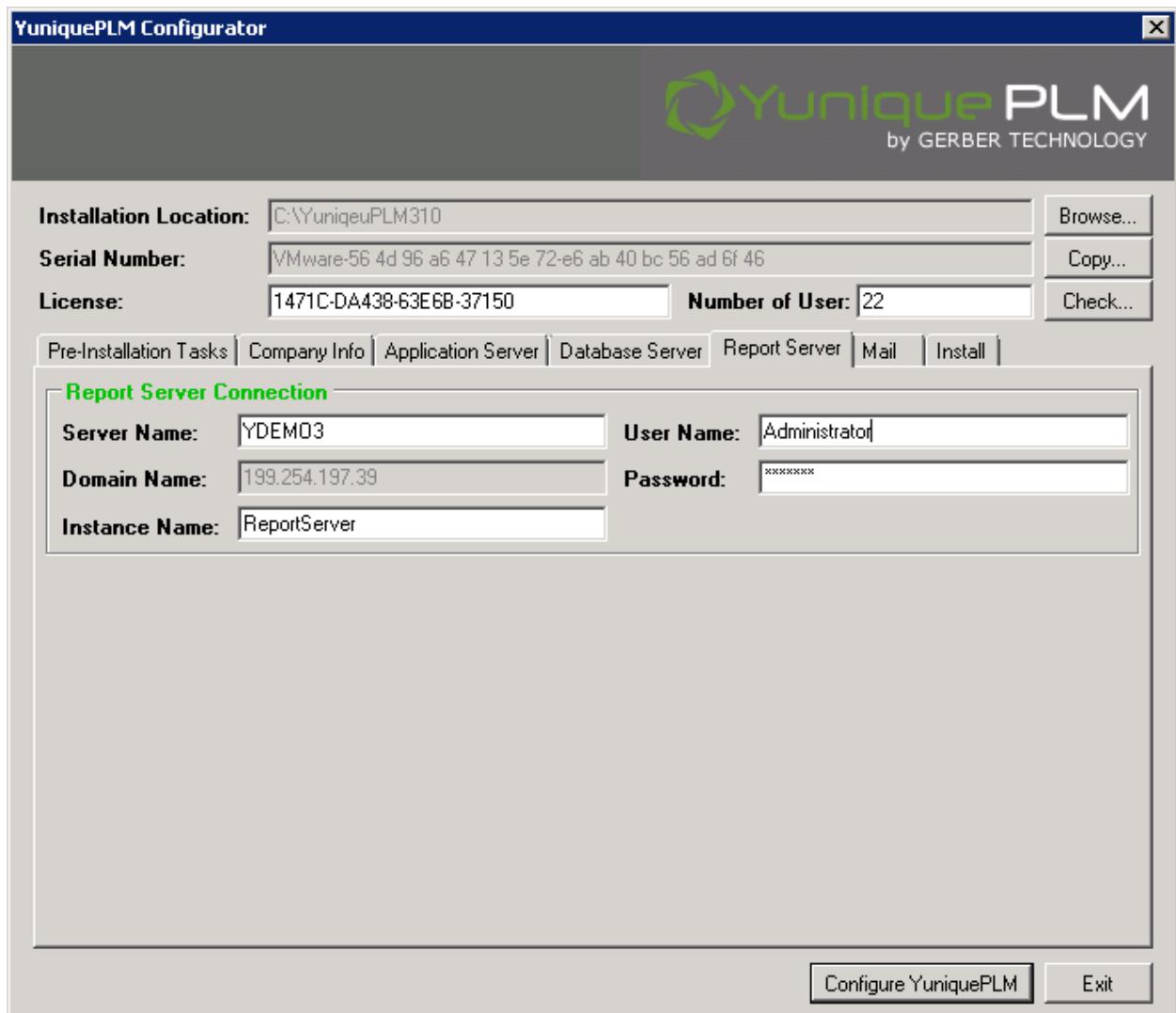
- Enter the database server name.
- Enter the SQL Server Instance name that will host the YuniquePLM database (leave this field blank if the default instance will be used).
- Enter the name of the YuniquePLM database you want the setup program to create from the initial FS database or the existing YuniquePLM database name.
- Leave the User Name and Password blank if you want the Windows impersonation account to access the database (Integrated Security), or enter a SQL Server User Name and Password that has dbo permissions to the YuniquePLM database (SQL authentication).

Database Administration section

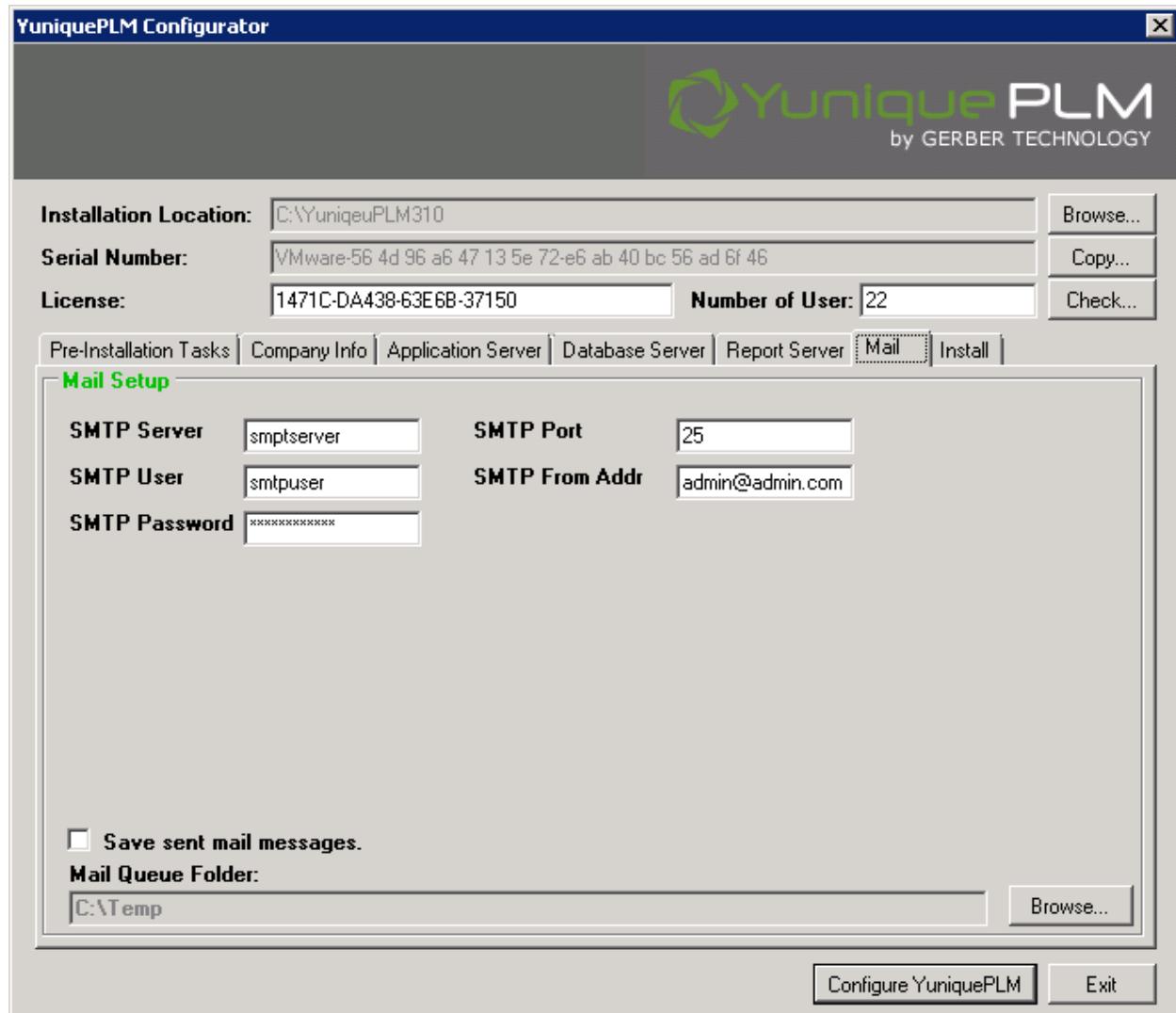
- Enter a SQL Server user account and password with dbo permissions that can create the initial YuniquePLM FS database or that has permissions to run update scripts on an existing YuniquePLM database (usually the sa account).
- If you know the last script that was applied to an existing YuniquePLM database, select the next script sequence number and all following scripts. When installing an initial YuniquePLM FS database, this step can be done at a later time.



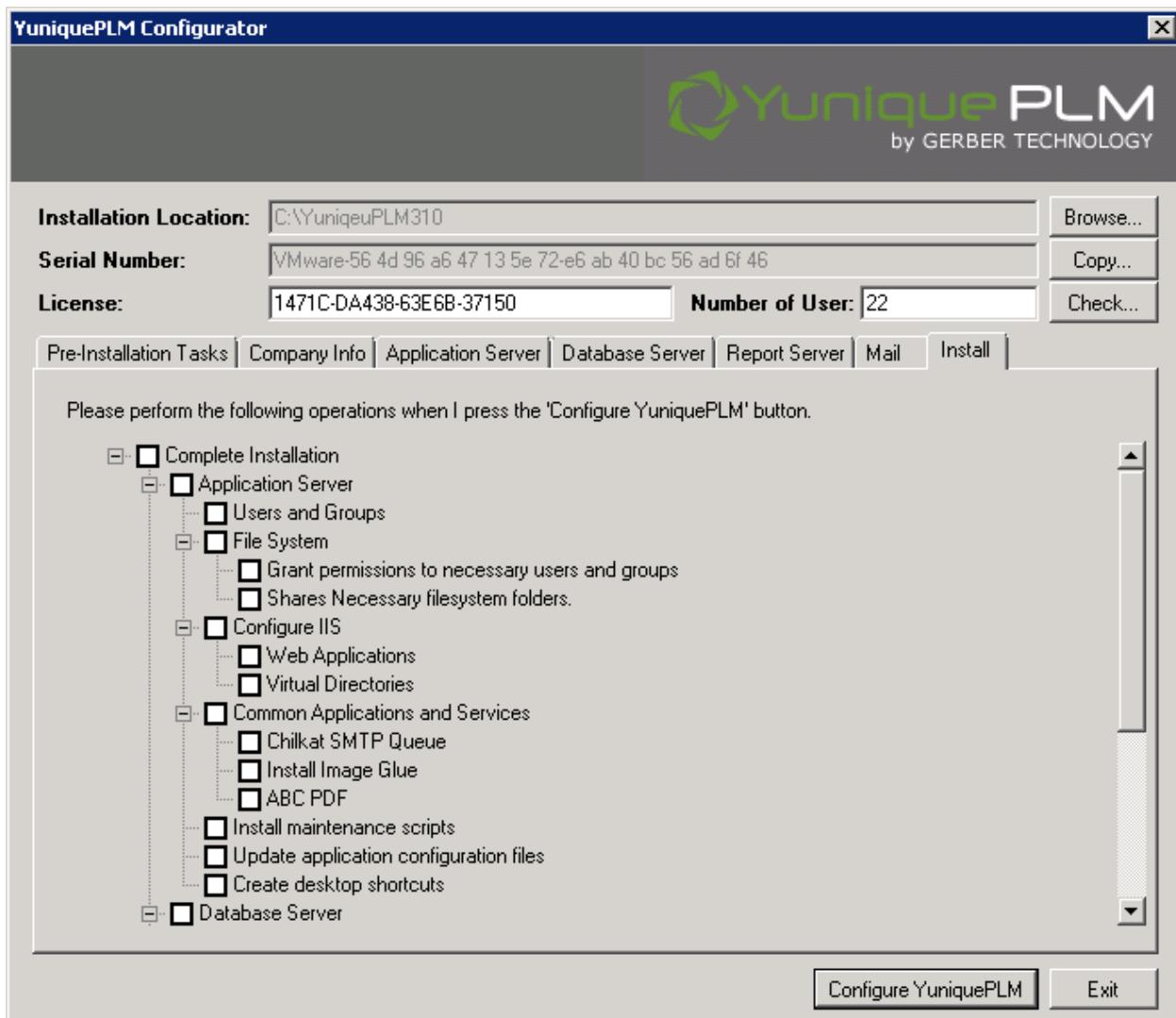
5.2.6. Press the “Report Server” tab. Enter the name of the Report Server. Enter the Report Server Instance name (the default is ReportServer). Enter a Windows User Name and Password that has permissions to create reports on the Report server.



5.2.7. Press the “Mail” tab. For YuniquePLM email processing, enter the SMTP Server name and the SMTP User account and password that will be used for sending emails from YuniquePLM. Enter the SMTP TCP/IP Port address (normally port 25) and the SMTP “From Address” that will be used when sending emails. If you wish sent messages to be saved after sending, check the “Save sent mail messages” checkbox.



5.2.8. Press the “Install” tab.



The functions of the various check boxes are as follows:

5.2.8.1. Complete Install – If checked, will execute all operations.

5.2.8.1.1. Application Server – If checked, will execute all operations in the Application Server group. (Web server)

5.2.8.1.1.1. Users and Groups – A local Windows User Account will be created, as defined in the Application Server tab, with the supplied password. A local Windows Group called plmUsers will be created and the local Windows User Account will be added as a member. The local Windows User Account will also be added to the local IIS_IUSRS group (Windows Server 2008 only) and the local IIS_WPG group. (Web and File servers)

5.2.8.1.1.2. File System – If checked, will execute all operations in the File System group.

5.2.8.1.1.2.1. Grant permissions to necessary user groups – the created plmUsers group will be granted security permissions to the software-Etc folder. (File server)

5.2.8.1.1.2.2. Share necessary file system folders – the file share plmOnShare will be created for the Software-Etc\Share\Image folder, and the plmUsers group will be granted access. The file share plmOnStore will be created for the Software-Etc\Share folder, and the plmUsers group will be granted access. (File Server)

5.2.8.1.1.3. Configure IIS – If checked, will execute all operations in the Configure IIS group.

5.2.8.1.1.3.1. Web Applications – YuniquePLM web applications will be created on the local IIS server. (Web server)

5.2.8.1.1.3.2. Virtual Directories – YuniquePLM web virtual directories will be created on the local IIS server. (File server)

5.2.8.1.1.4. Common Applications and Services – If checked, will execute all operations in the Common Applications and Services group.

5.2.8.1.1.4.1. Chilkat SMPT Queue – Installs the SMTP mail service on the local server.(Web server).

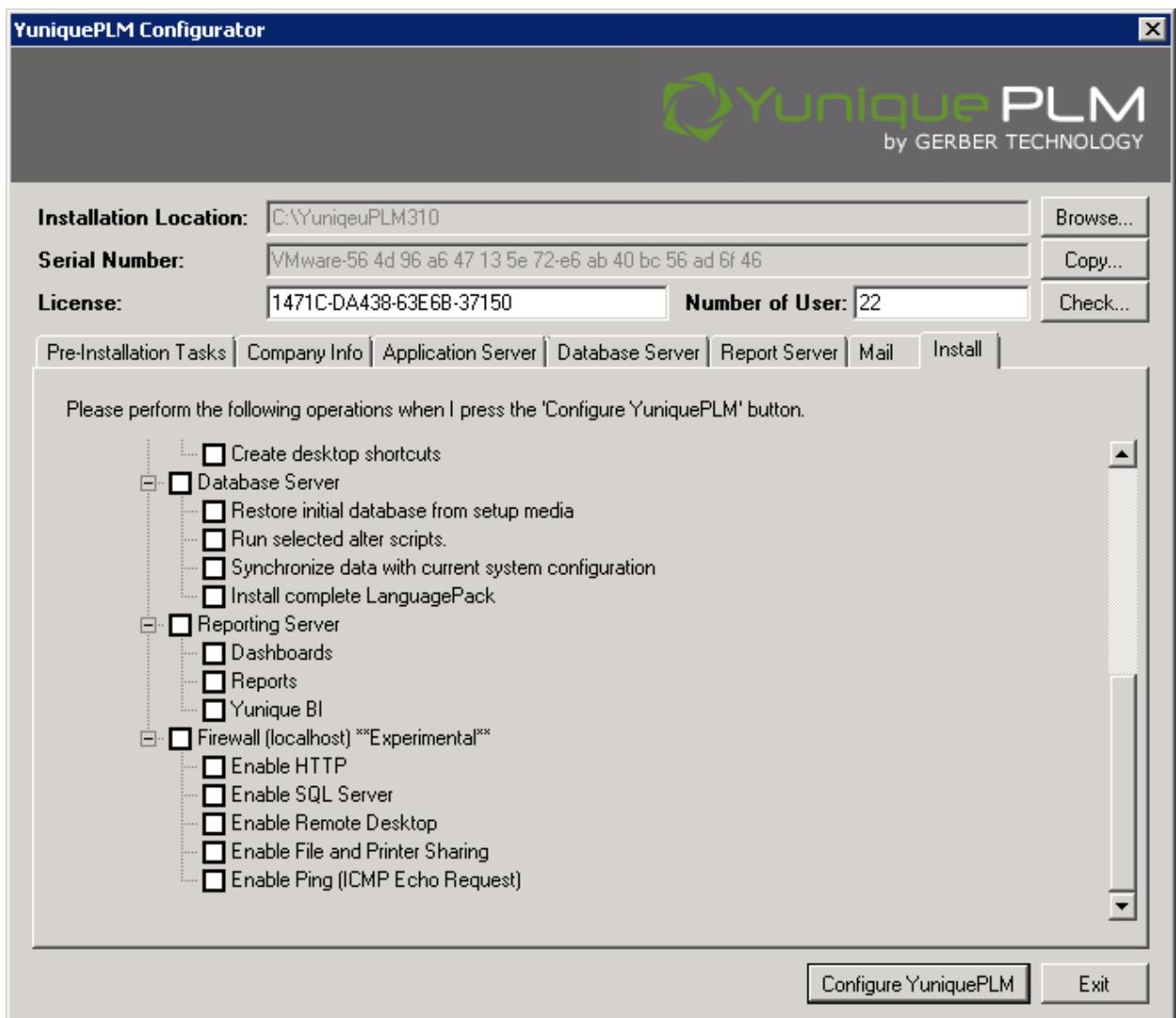
5.2.8.1.1.4.2. Image Glue – Installs the ImageGlue utility on the local server. At this time this operation is not fully functional. Use the manual install instructions in section 1.4.5.

5.2.8.1.1.4.3. ABCPDF – Installs the ABCPDF utility on the local server. At this time this operation is not fully functional. Use the manual install instructions in section 1.4.5. (Web server)

5.2.8.1.1.5. Install Maintenance Scripts – Installs a Windows script that will execute at 11PM, Monday through Friday to delete temporary files and folders more than 14 days old in the defined YuniquePLM TEMP folder. (File server)

5.2.8.1.1.6. Add desktop shortcuts – Creates desktop shortcuts for plmOn, YuniqueBl, and srmOn (Web server).

5.2.8.1.1.7. Updates application configuration files – Using the information entered on the various setup program tabs, updates the various YuniquePLM application configuration files. (File and Web servers)



5.2.8.1.2. Database Server – If checked, will execute all operations in the Database Server group.

5.2.8.1.2.1. Restore initial database from setup media – Restores the initial YuniquePLM database that was provided with the setup media using the database name provided on the Database Server tab. If the provided database name does not exist, the initial database will be restored using this name. If the provided database name exists, it will be overwritten with the initial database. (Database server)

5.2.8.1.2.2. Run selected alter scripts – will execute the alter scripts selected on the Database Server tab using the Database Server and catalog name and the User name and password defined in the Database Administration section. (Database server)

5.2.8.1.2.3. Synchronize data with current system configuration – Various YuniquePLM database tables will be updated with information entered on the various setup program tabs. (Database server)

5.2.8.1.2.4. Install complete LanguagePack – will install the language pack that was provided with the setup media. (Database server)

5.2.8.1.3. Reporting Server – If checked, will execute all operations in the Reporting Server group.

5.2.8.1.3.1. Reports – The YuniquePLM plmOnReports folder will be created on the defined SQL Report Server and populated with the standard reports. (Report server)

5.2.8.1.3.2. Dashboards – The YuniquePLM Dashboards folder will be created on the defined SQL Report Server and populated with the standard Dashboard reports. (Report server)

5.2.8.1.3.3. YuniqueBI – The YuniquePLM YuniqueBI folder will be created on the defined SQL Report Server and populated with the standard YuniqueBI reports. (Report server)

5.2.8.1.4. Firewall (localhost) - If checked, will execute all operations in the Firewall (localhost) group.

5.2.8.1.4.1. Enable HTTP – will set the local server's Windows firewall to allow HTTP access.

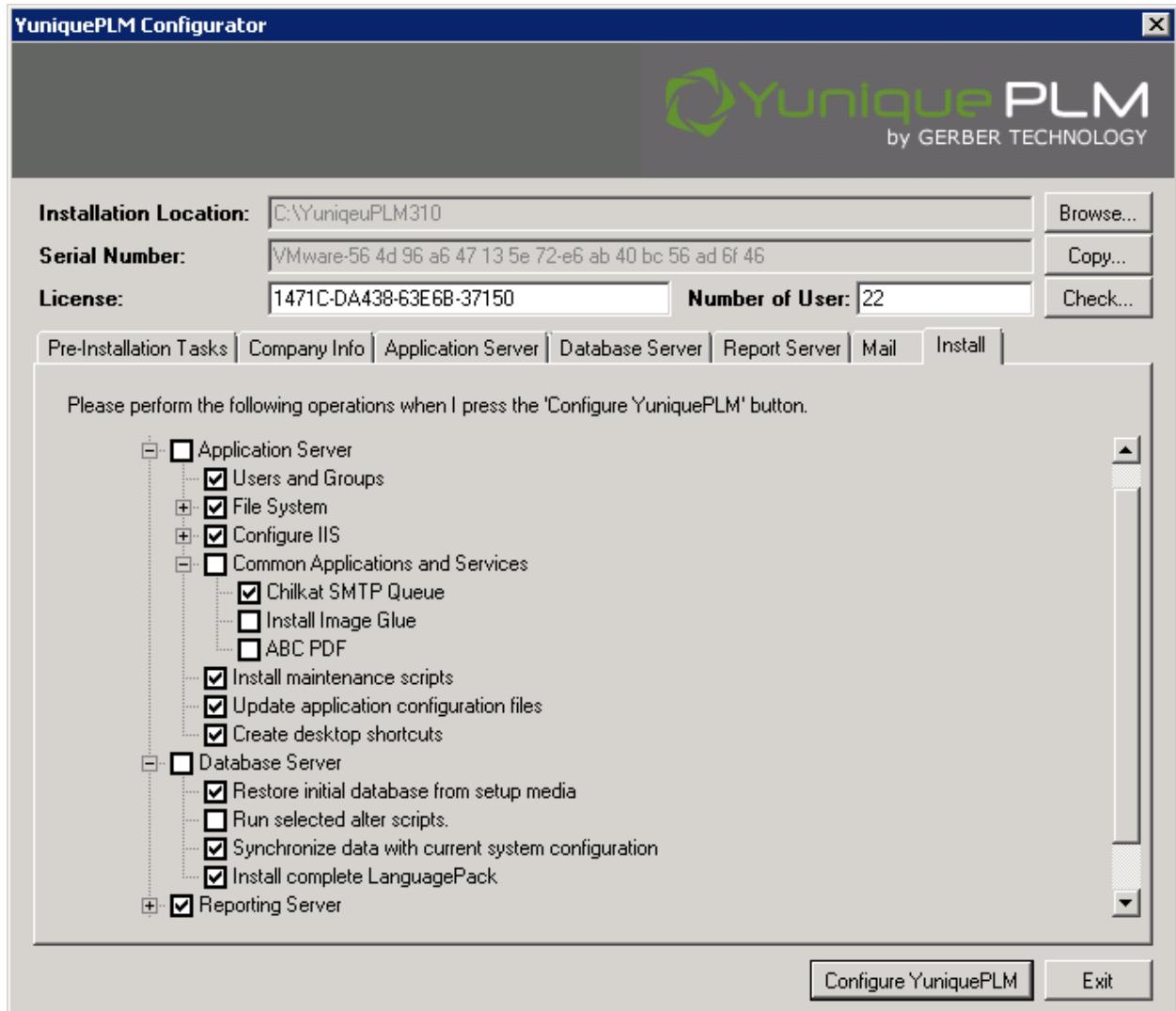
5.2.8.1.4.2. Enable SQL Server – will set the local server's Windows firewall to allow SQL access.

5.2.8.1.4.3. Enable Remote Desktop – will set the local server's Windows firewall to allow Remote Desktop access.

5.2.8.1.4.4. Enable File and Printer Sharing – will set the local server's Windows firewall to allow File and Printer Sharing.

5.2.8.1.4.5. Enable Ping (ICMP Echo Request) – will set the local server's Windows firewall to allow Ping requests.

5.2.9. Verify that all information entered on the various setup tabs is correct. To execute a complete install of YuniquePLM on a single server, check the following boxes, and then press the “Configure YuniquePLM” button to begin installation. The title bar will display the current installation step being processed and the step text will turn green when complete.



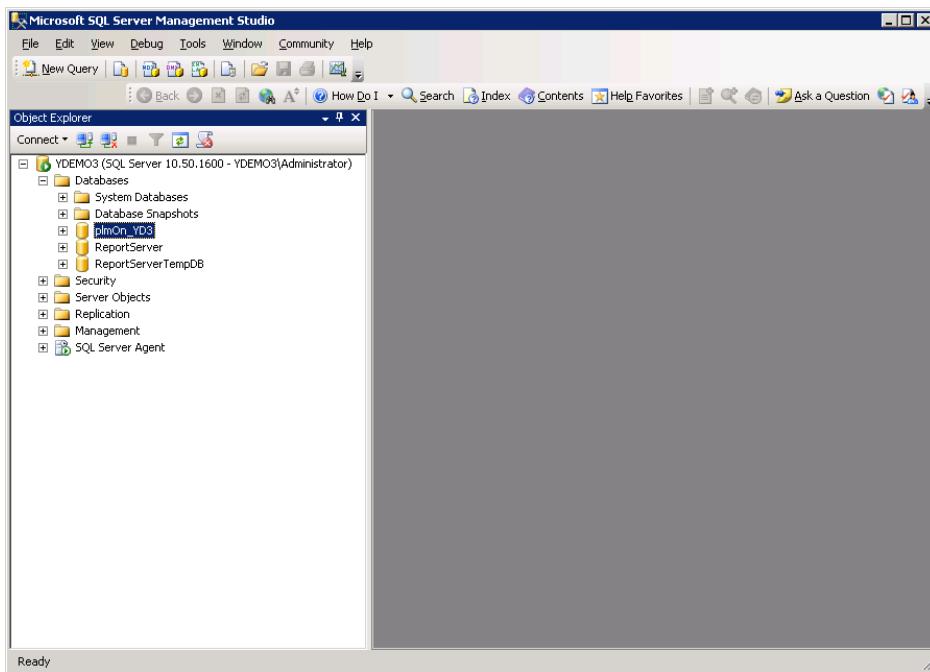
5.2.10. When all steps have been processed, a “Complete!” message will be displayed. Press OK. Desktop ICONs for plmOn, YuniqueBI, and srmOn should be displayed on the desktop.



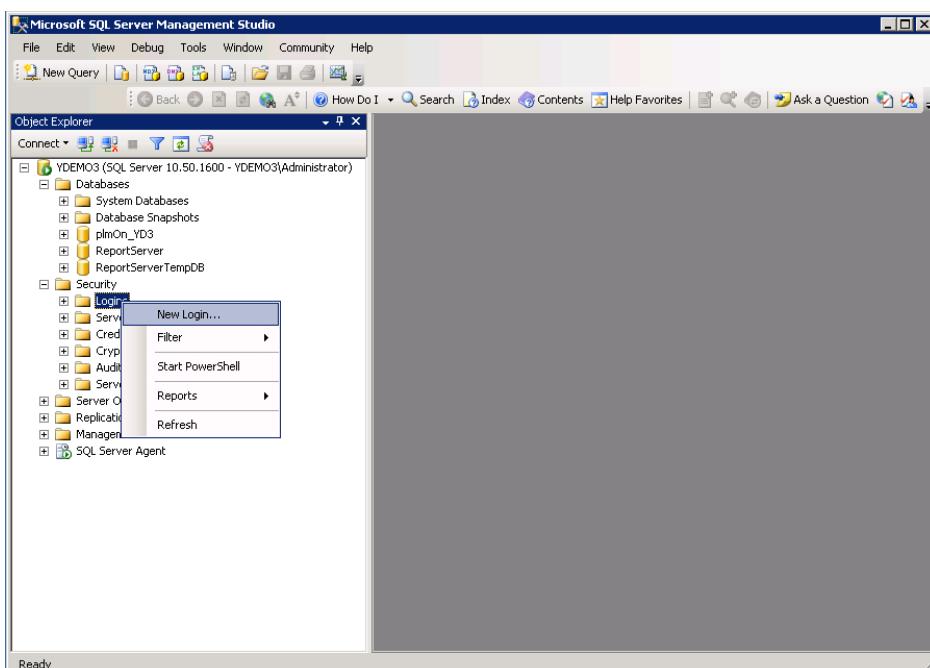
6. Verification and Additional Configuration Steps

3.1. SQL Server Configuration Steps

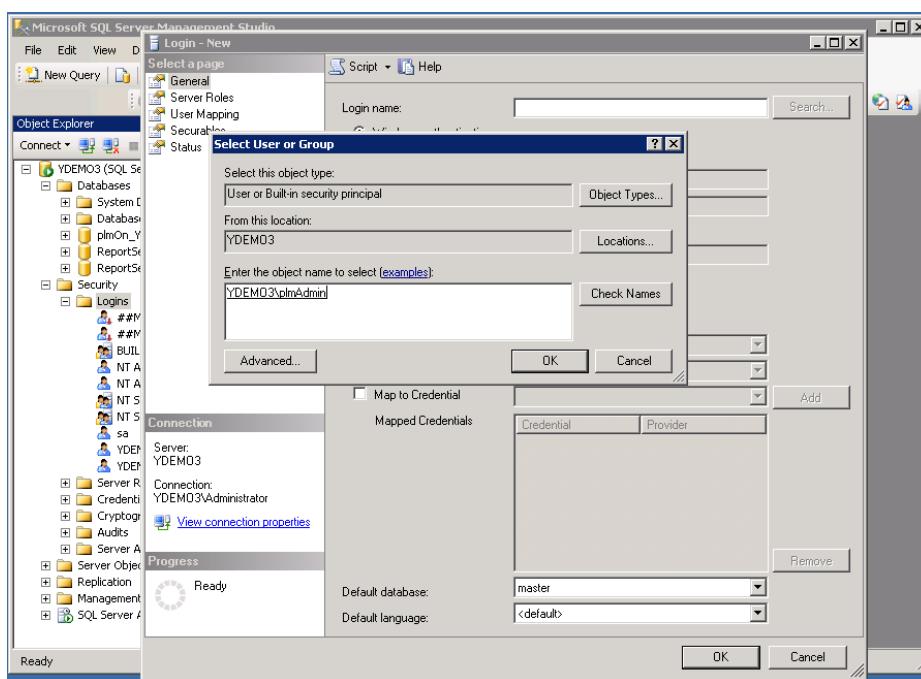
- 3.1.1. Open SQL Server Management Studio and in the Object Explorer pane expand “Databases”. Verify that the YuniquePLM database was created.**



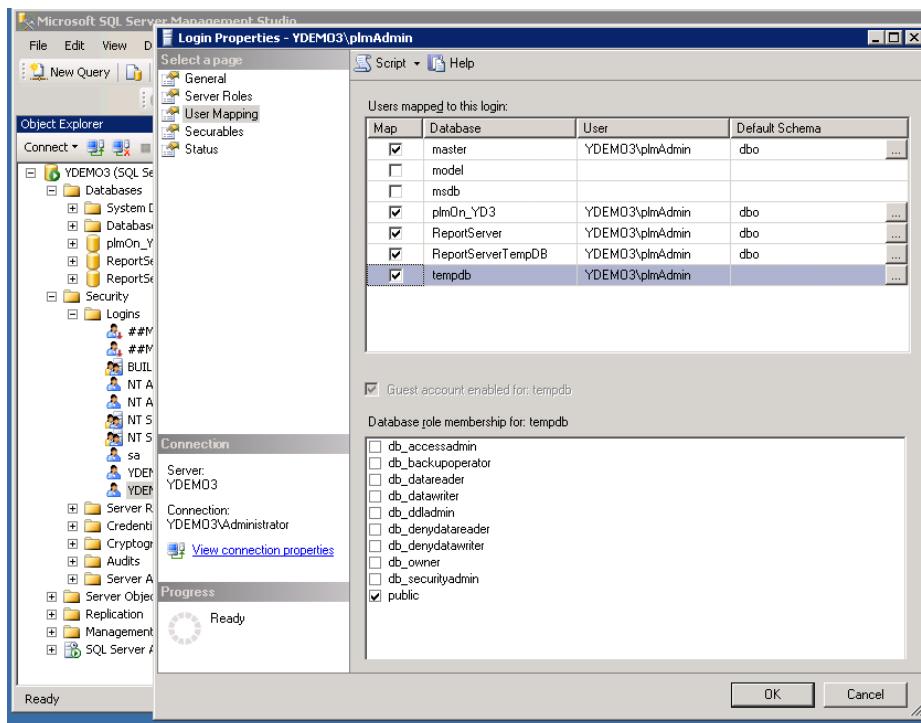
- 3.1.2. In the Object Explorer pane expand “Security” and “Logins”. Right click on “Logins” and select “New Login...”**



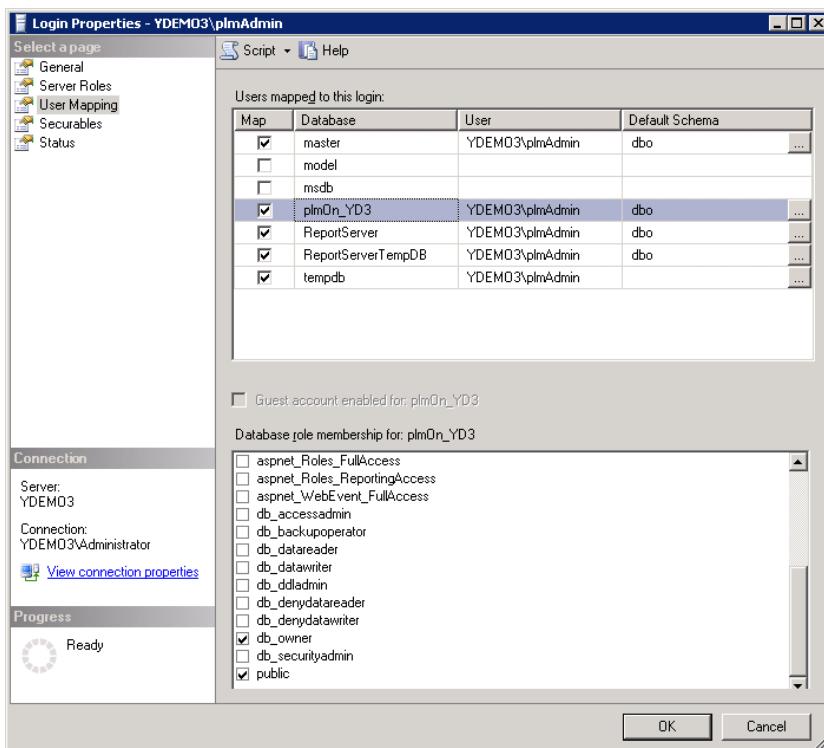
- 3.1.3. Press the “Search” button, and in the “Select User or Group” dialog box, enter the user name that was created by the YuniquePLM setup program. Press “Check Names” and then press OK.**



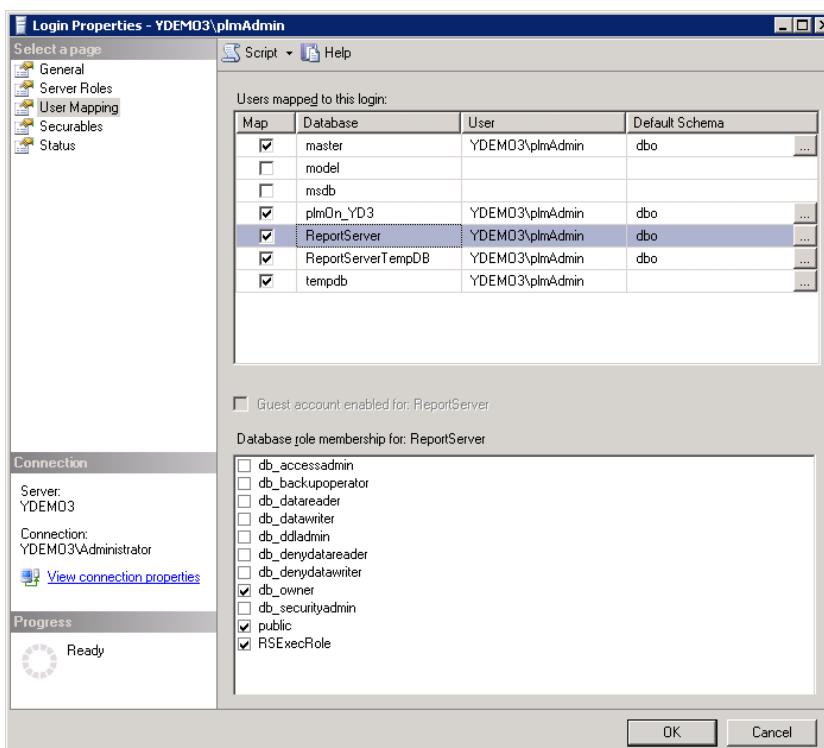
3.1.4. Double click on the user name in the Object Explorer windows and select “User Mapping” in the Login Properties dialog box. Check Master, the YuniquePLM database, ReportServer, ReportServerTempDB, and tempdb databases.



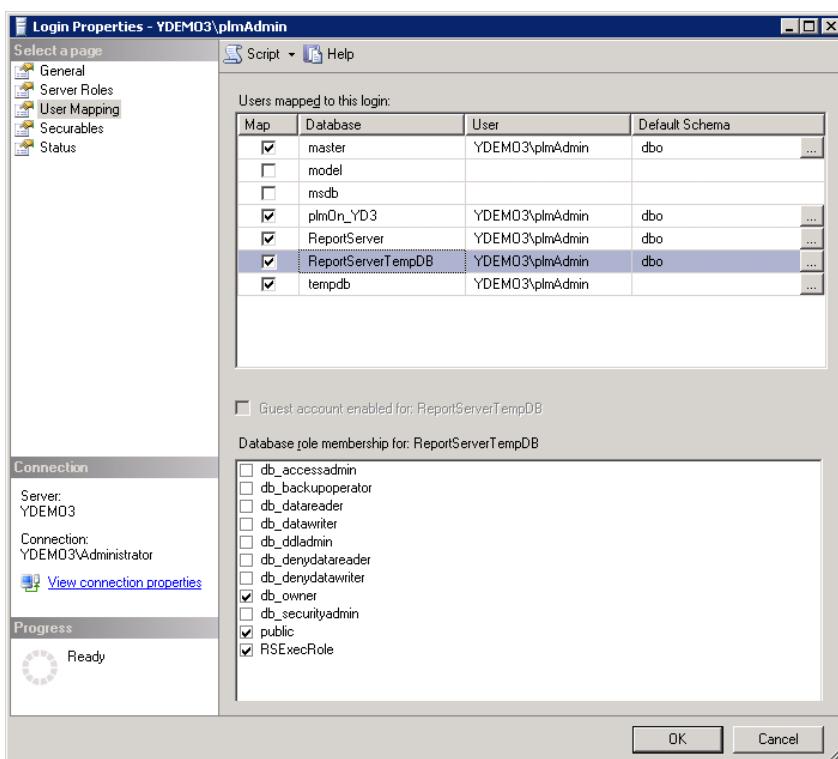
3.1.5. Select the YuniquePLM database and make sure db_owner and public are checked.



3.1.6. Select the ReportServer database and make sure db_owner, public, and RSEexecRole are checked.

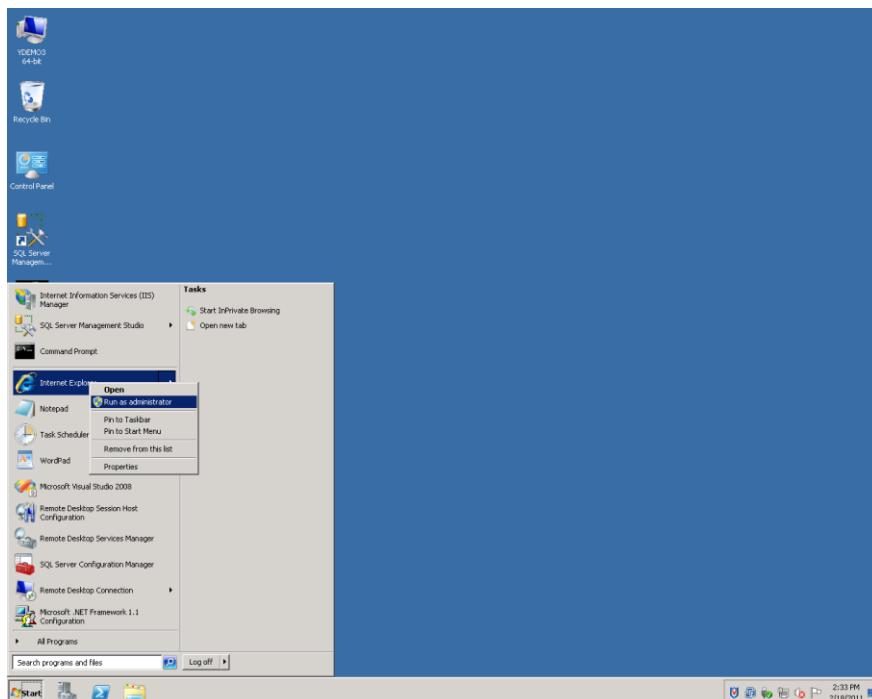


3.1.7. Select the ReportServerTempDB database and make sure db_owner, public, and RSEexecRole are checked.

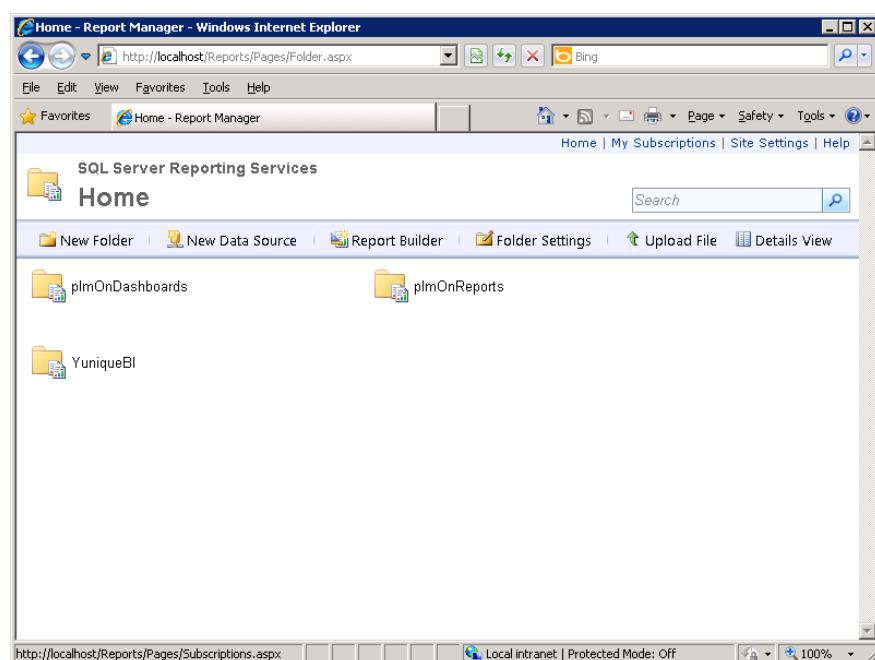


3.2. SQL Server Reporting Services Configuration

3.2.1. For Windows 2003 Server start Internet Explorer. For Windows Server 2008, on the Desktop, press the Start button, right click on Internet Explorer and select “Run as administrator”



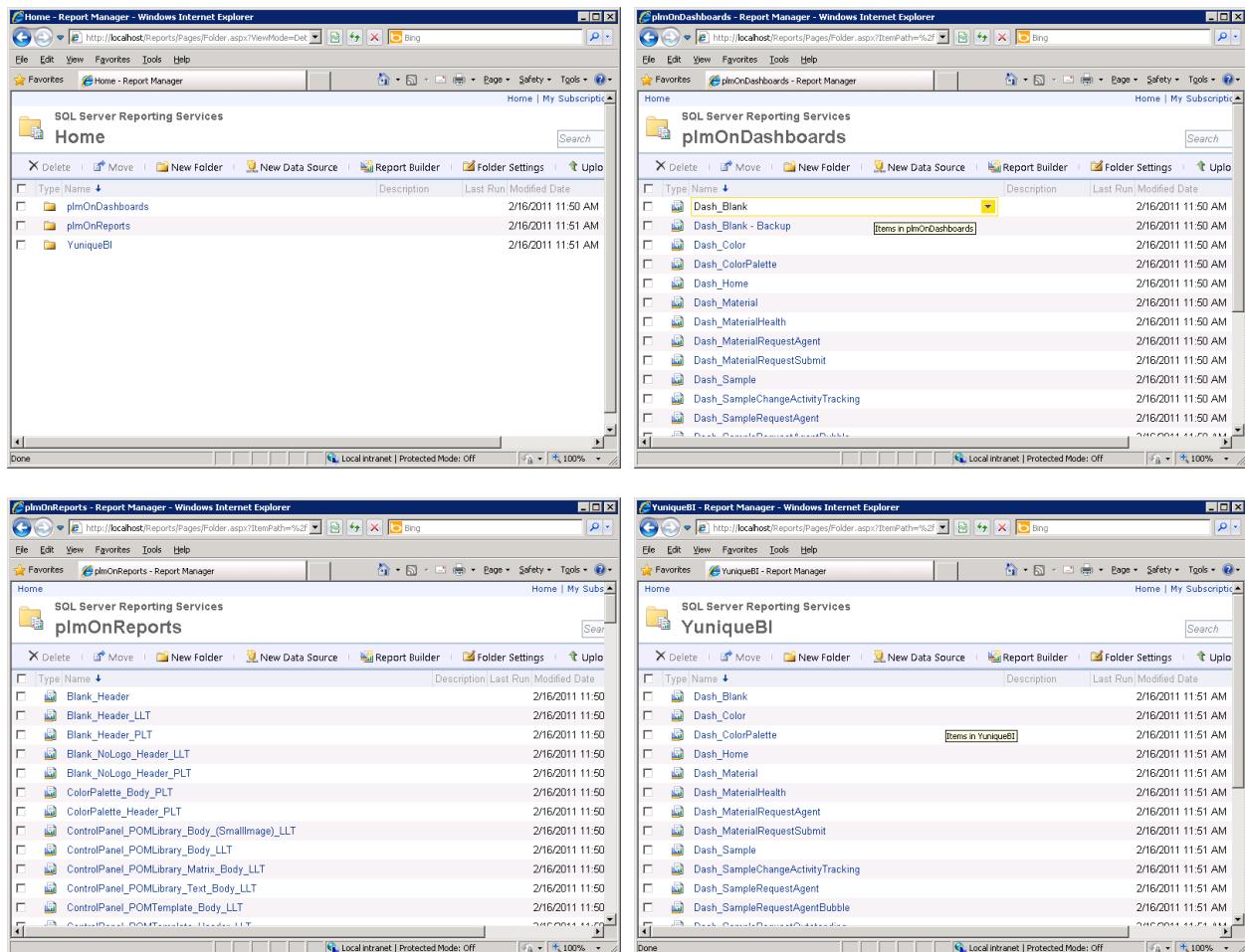
3.2.2. Type in the url <http://localhost/reports> and verify that report folders plmOnDashboards, plmOnReports, and YuniqueBI have been created.



The screenshot shows the Microsoft Internet Explorer browser interface. The title bar reads "Home - Report Manager - Windows Internet Explorer". The address bar contains the URL "http://localhost/Reports/Pages/Folder.aspx". The main content area is titled "SQL Server Reporting Services Home". Below the title, there is a search bar with the placeholder "Search". A navigation bar at the top includes links for "Home", "My Subscriptions", "Site Settings", and "Help". Below the navigation bar, there is a toolbar with icons for "New Folder", "New Data Source", "Report Builder", "Folder Settings", "Upload File", and "Details View". The main content area displays a list of report folders:

- plmOnDashboards
- plmOnReports
- YuniqueBI

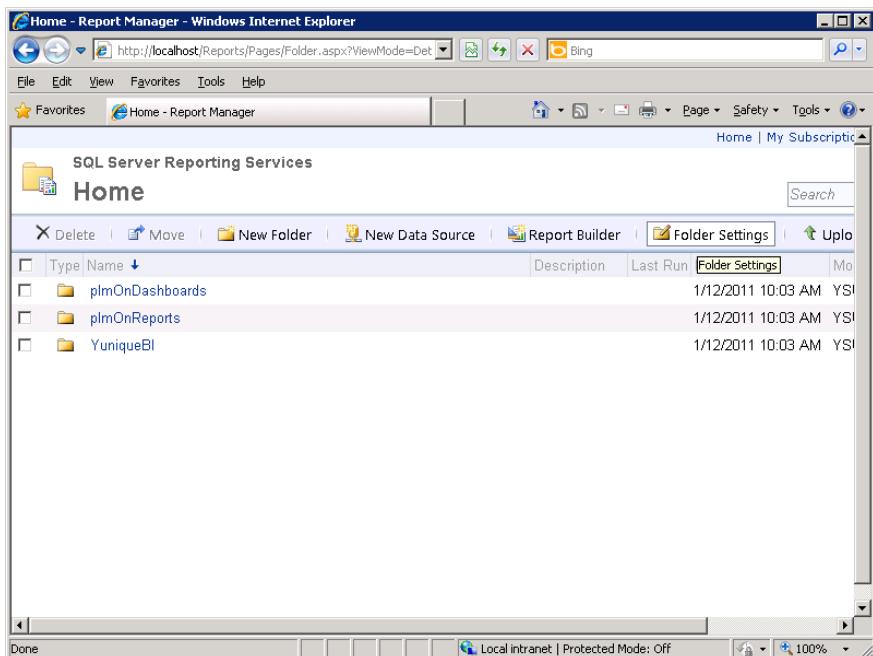
3.2.3. Press Detail Views, and then select each folder to verify reports are installed.



The image displays four separate windows of the SQL Server Reporting Services Report Manager, each showing a list of reports within a specific folder. The windows are arranged in a 2x2 grid.

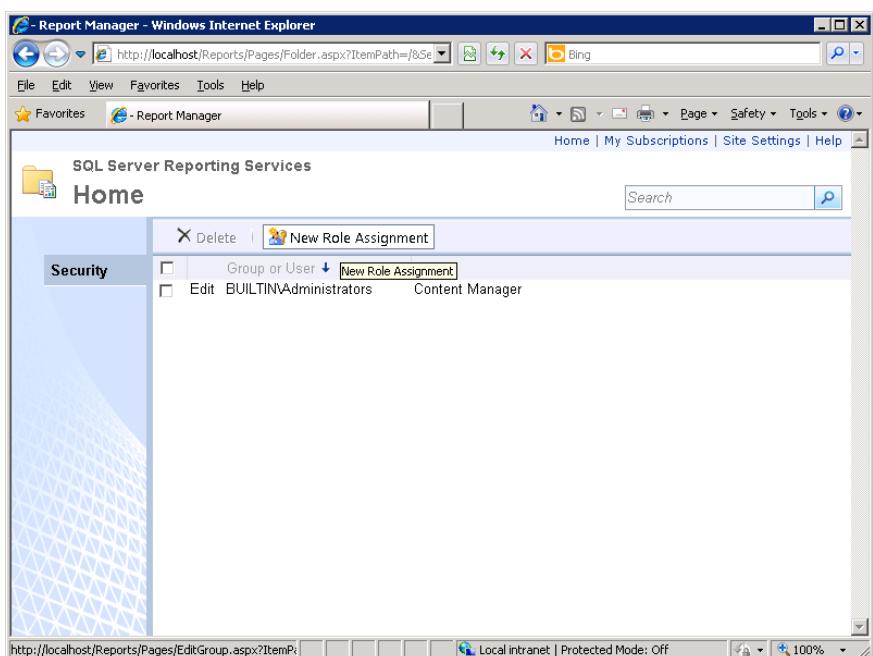
- Top Left Window (Home):** Shows the 'Home' folder under 'SQL Server Reporting Services'. It contains three items: 'plmOnDashboards', 'plmOnReports', and 'YuniqueBI'. All items were last run at 11:51 AM on 2/16/2011.
- Top Right Window (plmOnDashboards):** Shows the 'plmOnDashboards' folder. It lists several reports: 'Dash_Bank', 'Dash_Bank - Backup', 'Dash_Color', 'Dash_ColorPalette', 'Dash_Home', 'Dash_Material', 'Dash_MaterialHealth', 'Dash_MaterialRequestAgent', 'Dash_MaterialRequestSubmit', 'Dash_Sample', 'Dash_SampleChangeActivityTracking', 'Dash_SampleRequestAgent', and 'Dash_SampleRequestBubble'. All items were last run at 11:50 AM on 2/16/2011.
- Bottom Left Window (plmOnReports):** Shows the 'plmOnReports' folder. It lists various report items such as 'Blank_Header', 'Blank_Header_LL', 'Blank_Header_PLT', 'Blank_NoLogo_Header_LL', 'Blank_NoLogo_Header_PLT', 'ColorPalette_Body_PLT', 'ColorPalette_Header_PLT', 'ControlPanel_POMLibrary_Body_(SmallImage)_LL', 'ControlPanel_POMLibrary_Body_LL', 'ControlPanel_POMLibrary_Matrix_Body_LL', 'ControlPanel_POMLibrary_Text_Body_LL', and 'ControlPanel_POMTemplate_Body_LL'. All items were last run at 11:50 AM on 2/16/2011.
- Bottom Right Window (YuniqueBI):** Shows the 'YuniqueBI' folder. It lists reports like 'Dash_Bank', 'Dash_Color', 'Dash_ColorPalette', 'Dash_Home', 'Dash_Material', 'Dash_MaterialHealth', 'Dash_MaterialRequestAgent', 'Dash_MaterialRequestSubmit', 'Dash_Sample', 'Dash_SampleChangeActivityTracking', 'Dash_SampleRequestAgent', and 'Dash_SampleRequestBubble'. The 'Dash_ColorPalette' item has a tooltip 'Items in YuniqueBI' over it. All items were last run at 11:51 AM on 2/16/2011.

3.2.4. Select “Folder Settings”, then select “New Role Assignment”



The screenshot shows the SQL Server Reporting Services Report Manager interface in Internet Explorer. The title bar reads "Home - Report Manager - Windows Internet Explorer". The main content area displays a list of folders under "SQL Server Reporting Services Home". The "Folder Settings" tab is currently selected. The folder list includes:

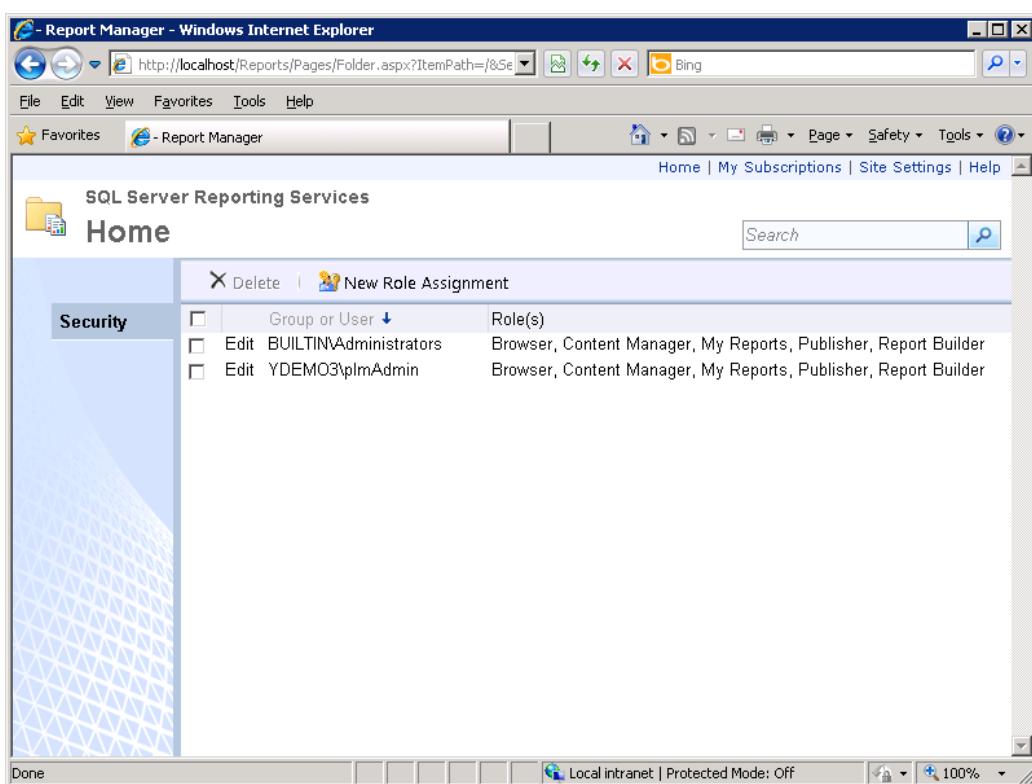
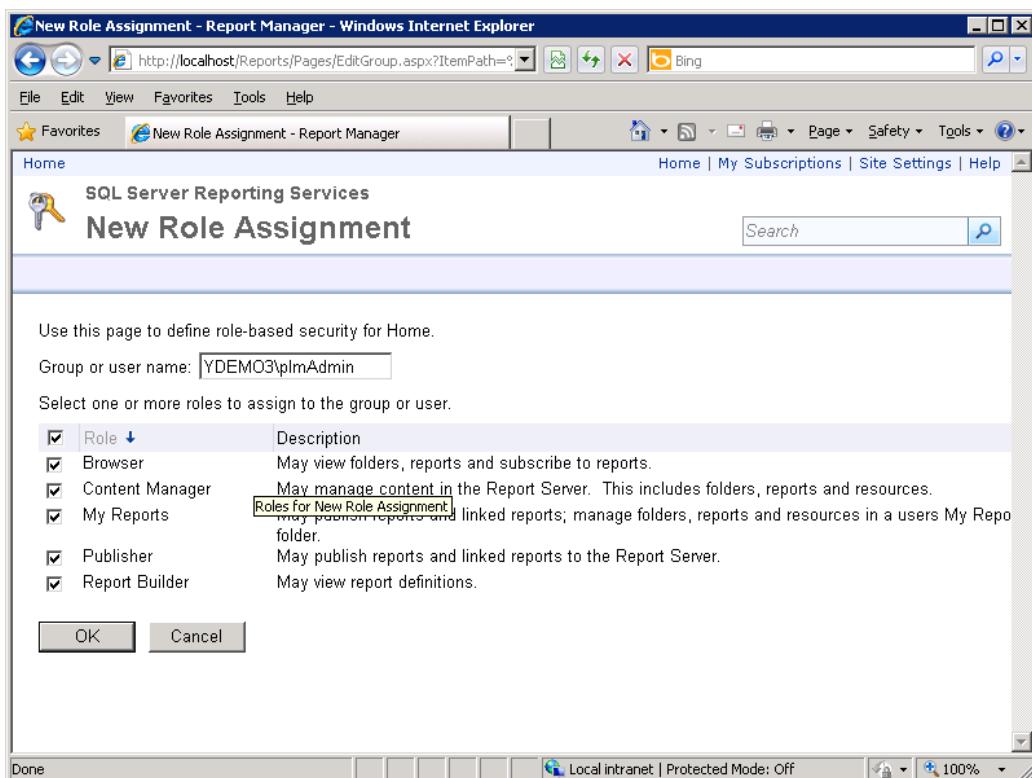
Type	Name	Description	Last Run	Mo
<input type="checkbox"/>	plmOnDashboards		1/12/2011 10:03 AM	YSI
<input type="checkbox"/>	plmOnReports		1/12/2011 10:03 AM	YSI
<input type="checkbox"/>	YuniqueBI		1/12/2011 10:03 AM	YSI



The screenshot shows the SQL Server Reporting Services Report Manager interface in Internet Explorer. The title bar reads "Report Manager - Windows Internet Explorer". The main content area displays a "New Role Assignment" dialog box. On the left, there is a "Security" sidebar. The dialog box contains the following fields:

- "Delete" button
- "New Role Assignment" button
- "Group or User" dropdown menu set to "New Role Assignment"
- "Edit" checkbox followed by "BUILTINAdministrators" and "Content Manager"

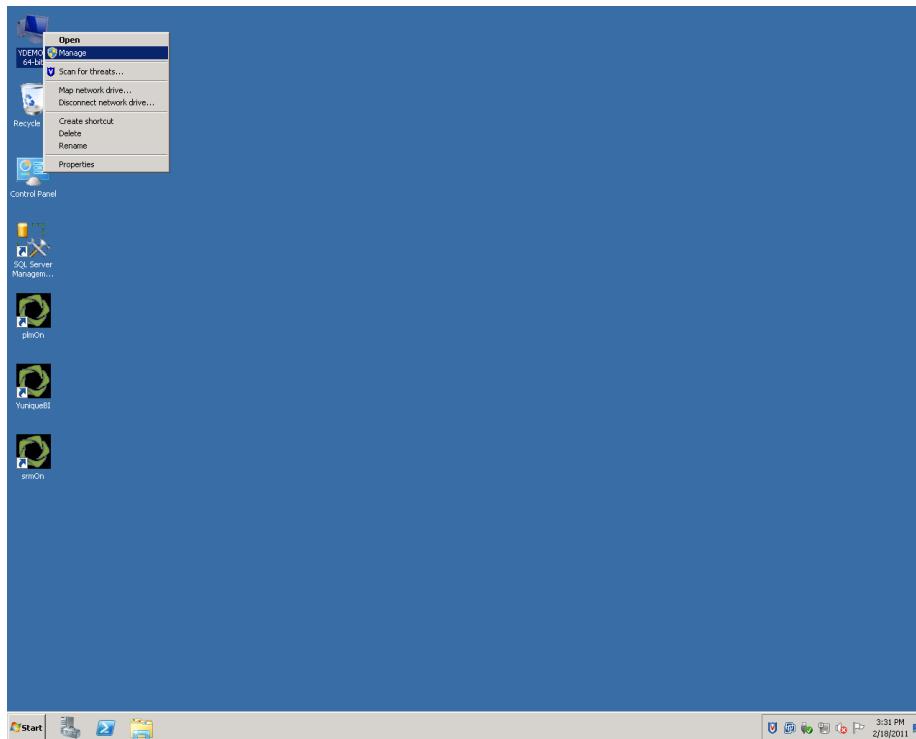
3.2.5. In the “Group or user name” box enter the server\username of the user that was created by the YuniquePLM setup program. Check all role boxes and press OK.



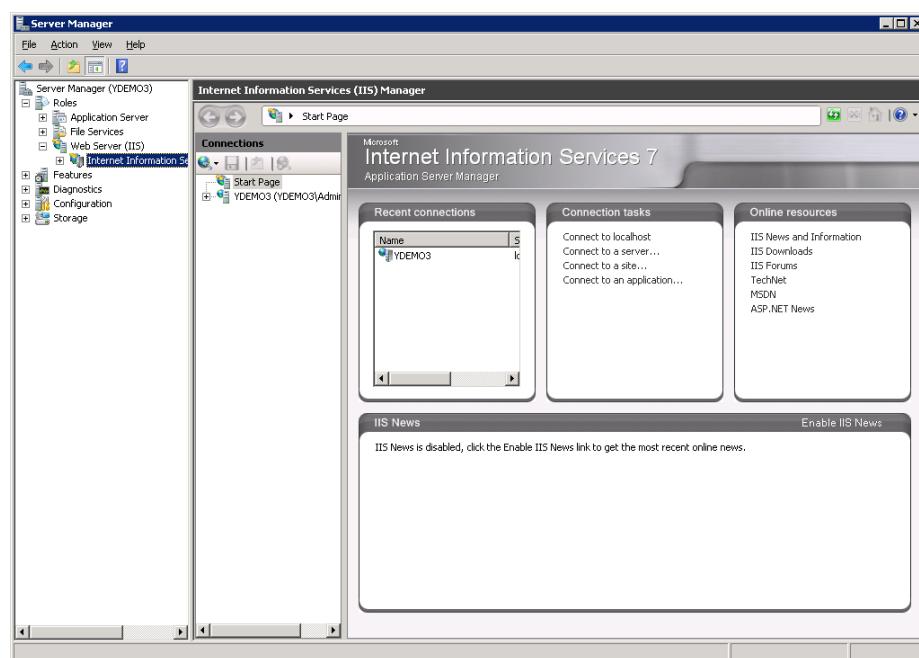
3.3. Server Manager Configuration

3.3.1. Windows Server 2008

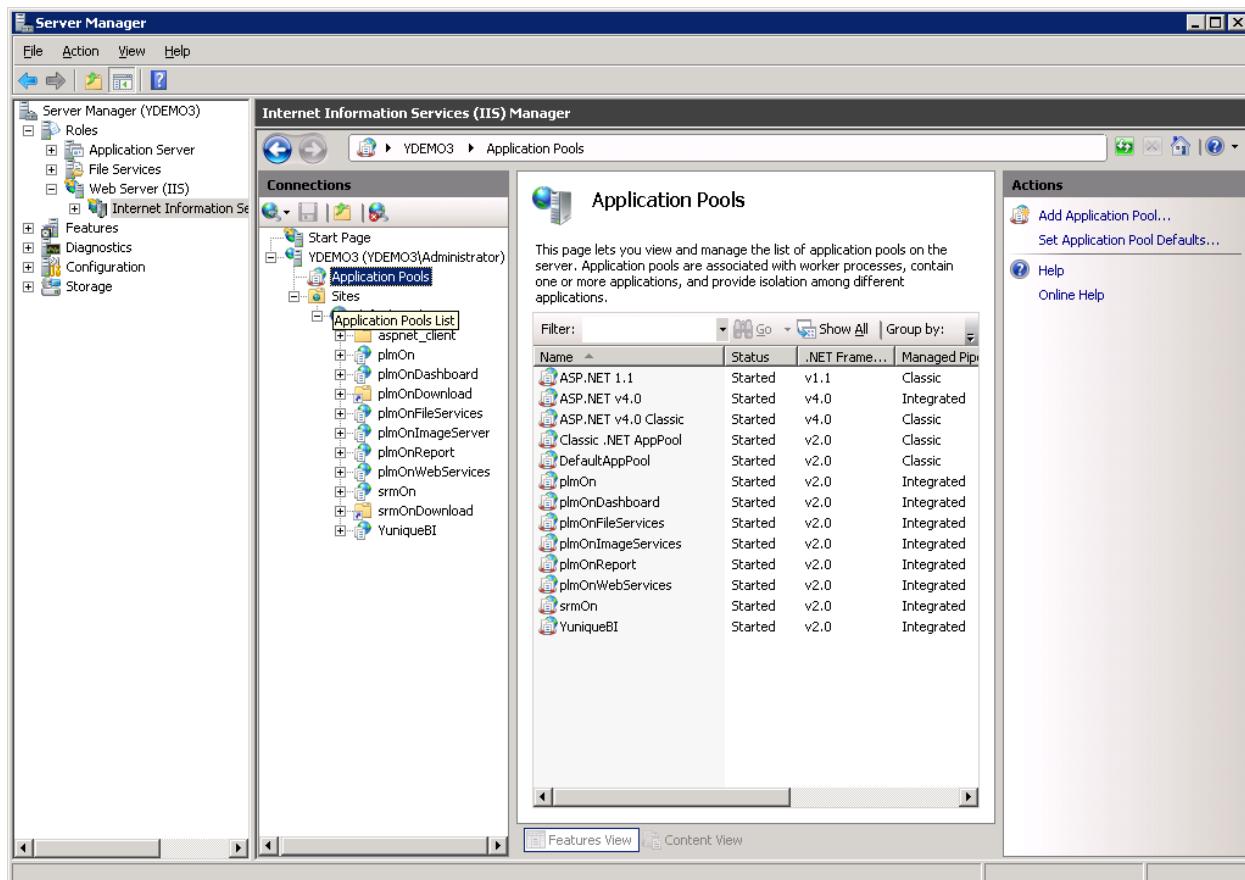
3.3.1.1. On the desktop, right click on My Computer and select “Manage”.



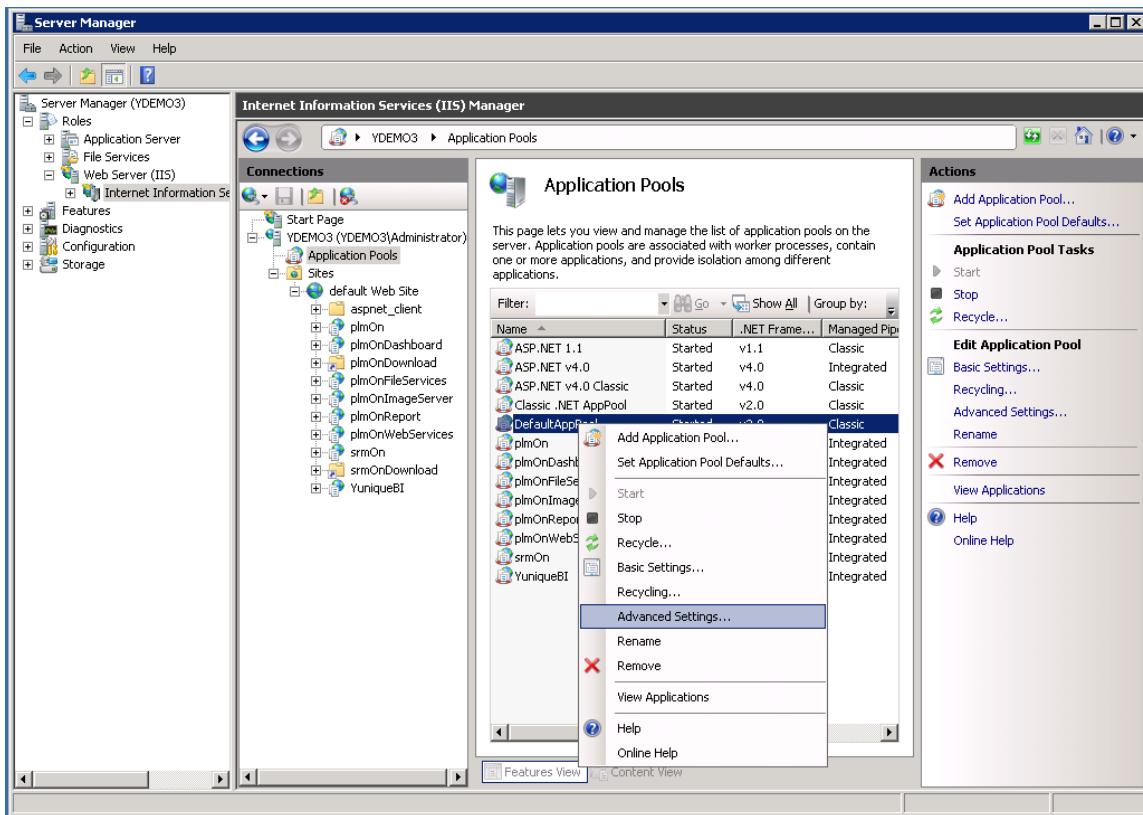
3.3.1.2. Expand “Roles” and “Web Server”, click on “Internet Information Server”



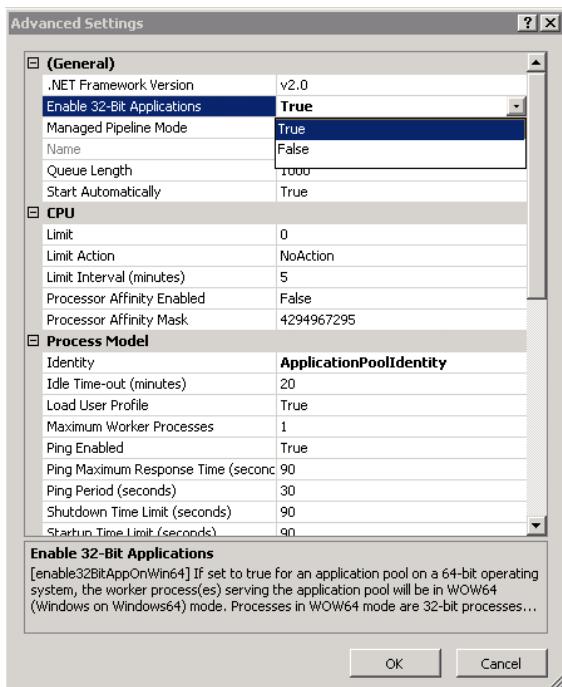
3.3.1.3. In the Connections pane, expand the server, and expand “Sites”. Verify the websites have been created and are directing to the correct project folders from Application folder downloaded from trunk. Click on “Application Pools” and verify that the application pools have been created.



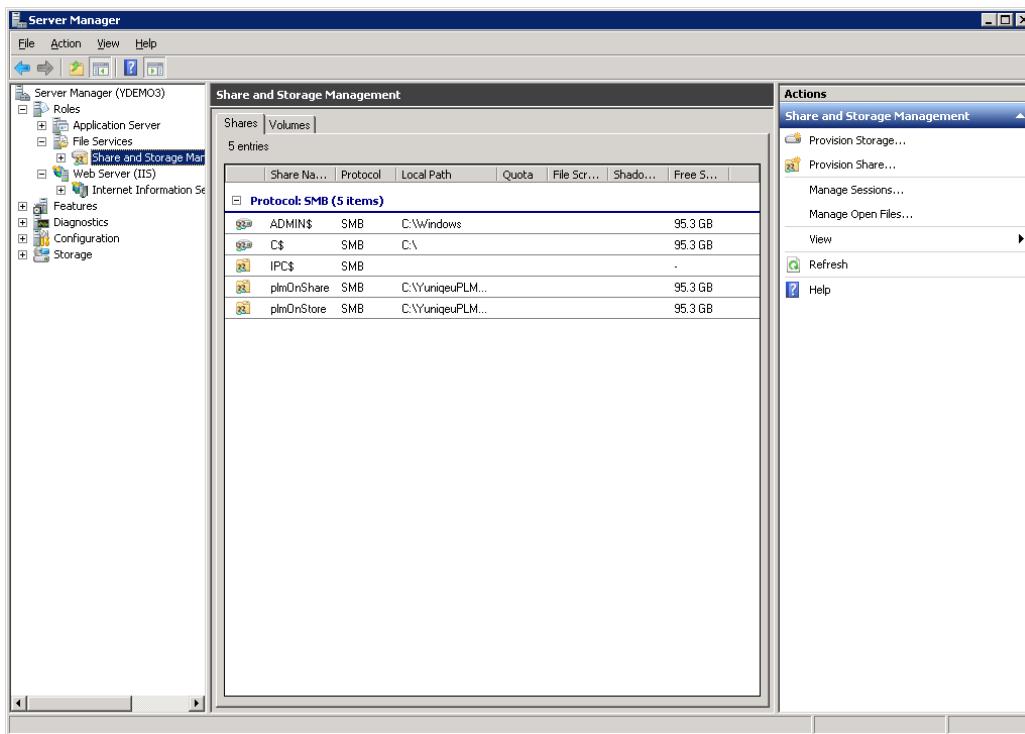
3.3.1.4. For Windows Server 2008 64-bit or Windows Server 2008 R2, in the “Application Pools” pane, right click on “DefaultAppPool” and select “Advanced Settings”



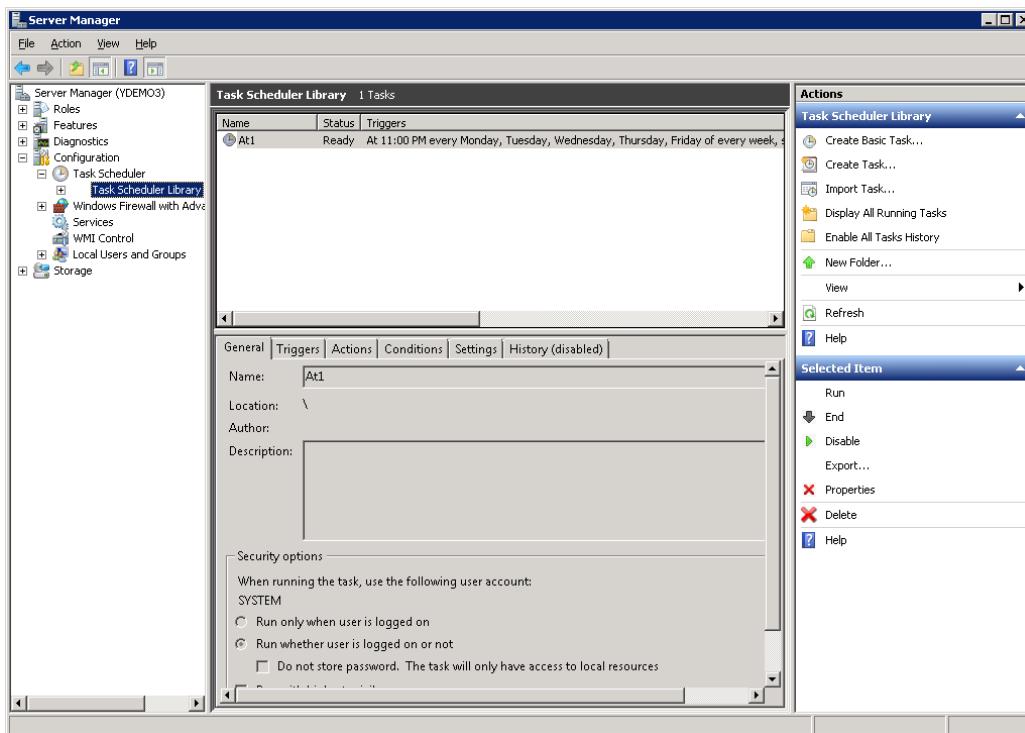
3.3.1.5. Select “Enable 32-bit Applications” and verify that “True” is set.



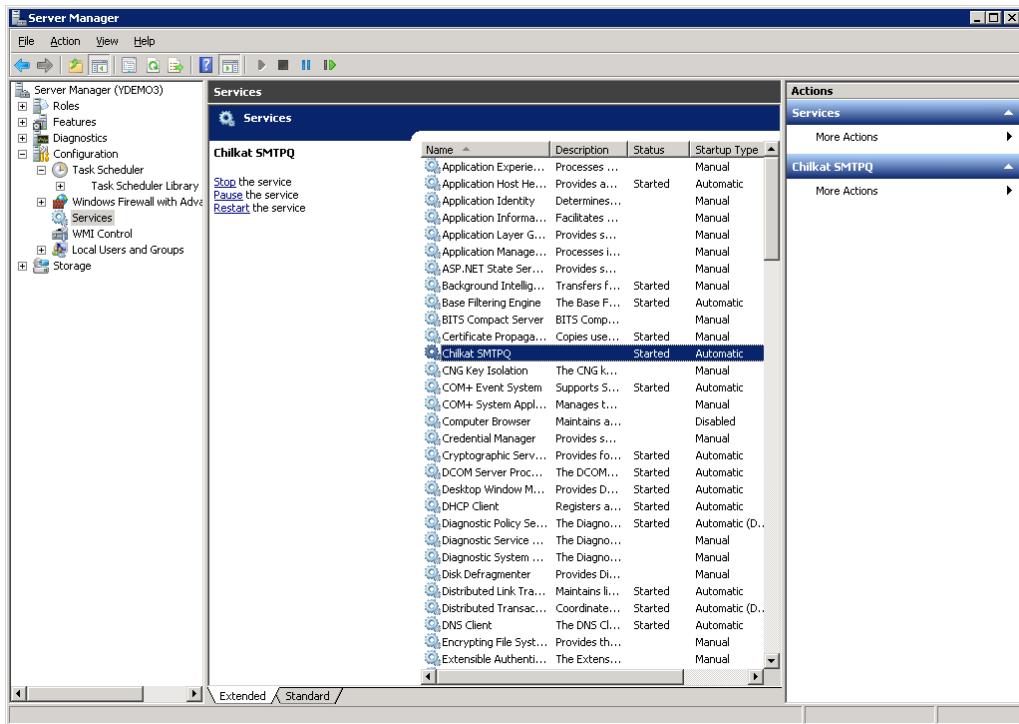
3.3.1.6. Expand “File Services” and select “Share and Storage Management”. Verify that “plmOnShare” and “plmOnStore” shares have been created.



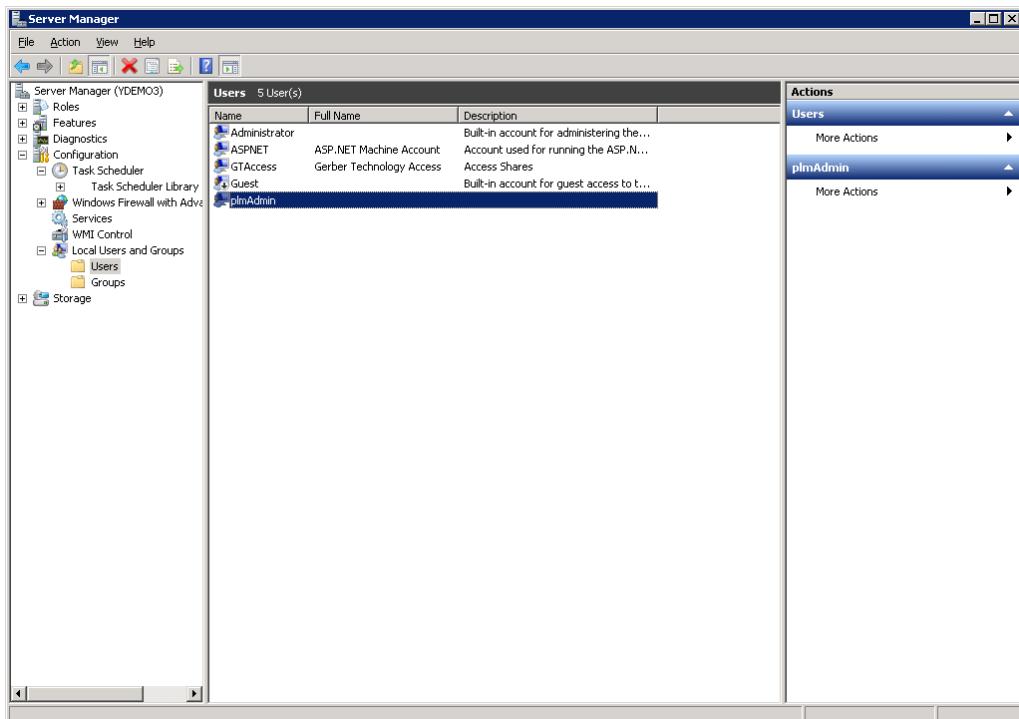
3.3.1.7. Expand “Task Scheduler”, click on “Task Scheduler Library”, and verify that an “11:00PM...” task has been created.



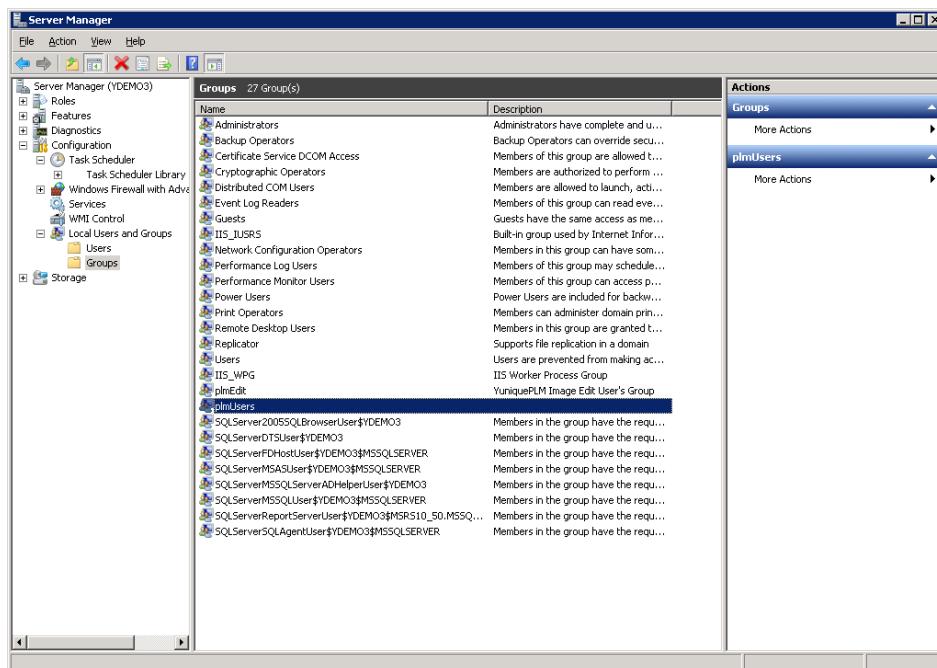
3.3.1.8. Click on “Services” and verify that service “Chilkat SMTPQ” has been created.



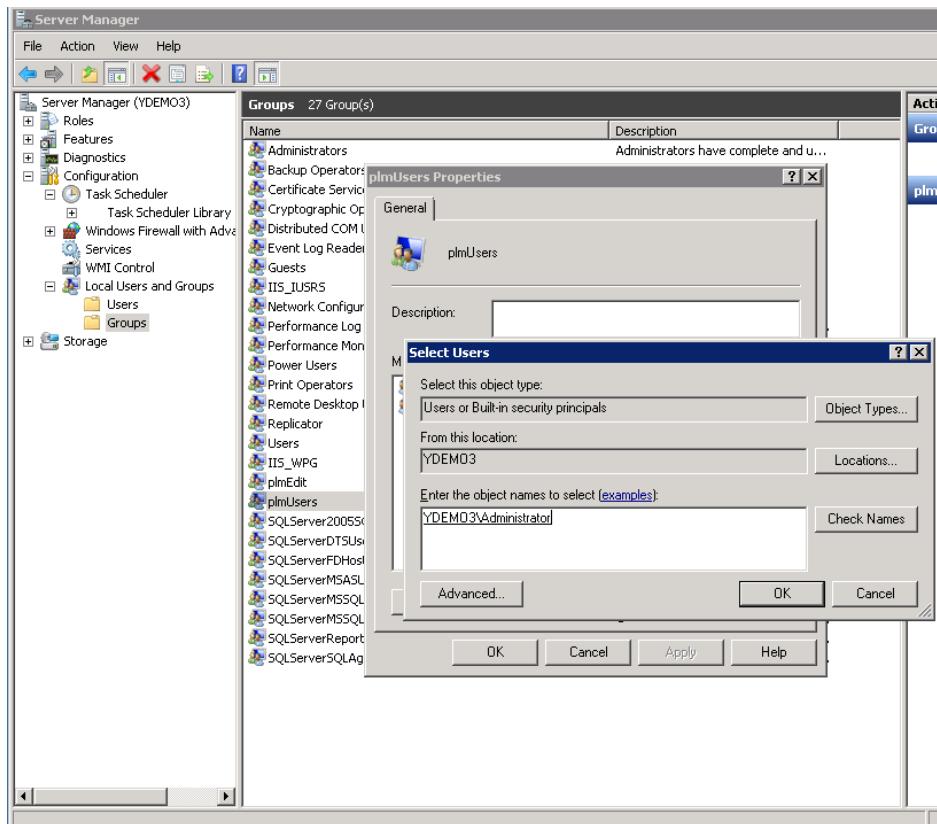
3.3.1.9. Click on “Users” and verify that the website impersonation account has been created.



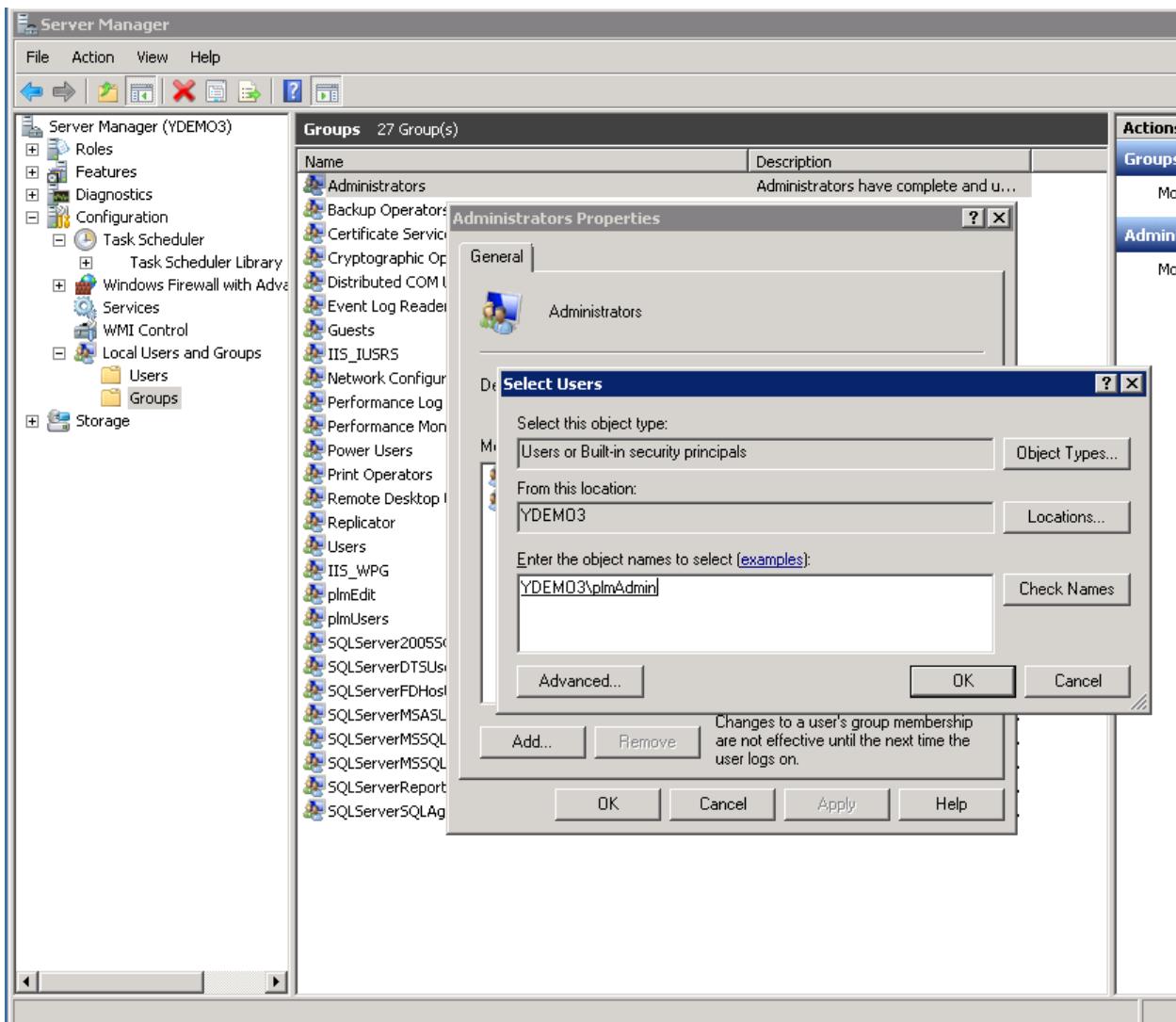
3.3.1.10. Click on “Groups” and verify that the “plmUsers” group has been created.



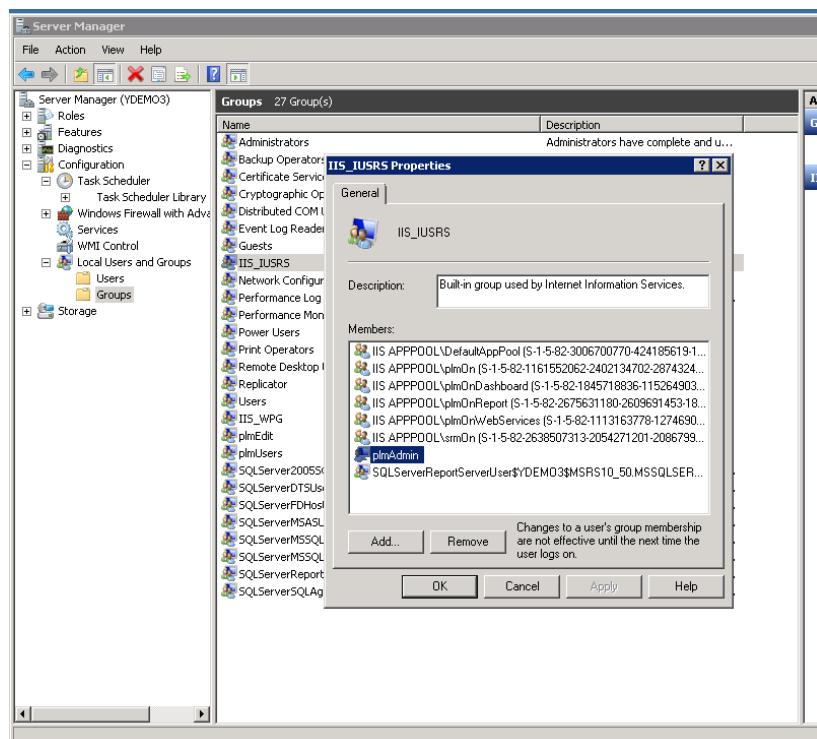
3.3.1.11. Double click on the “plmUsers” group and add the current logged in user in order to test Image Editing functionality. You will have to reboot for this to take effect.



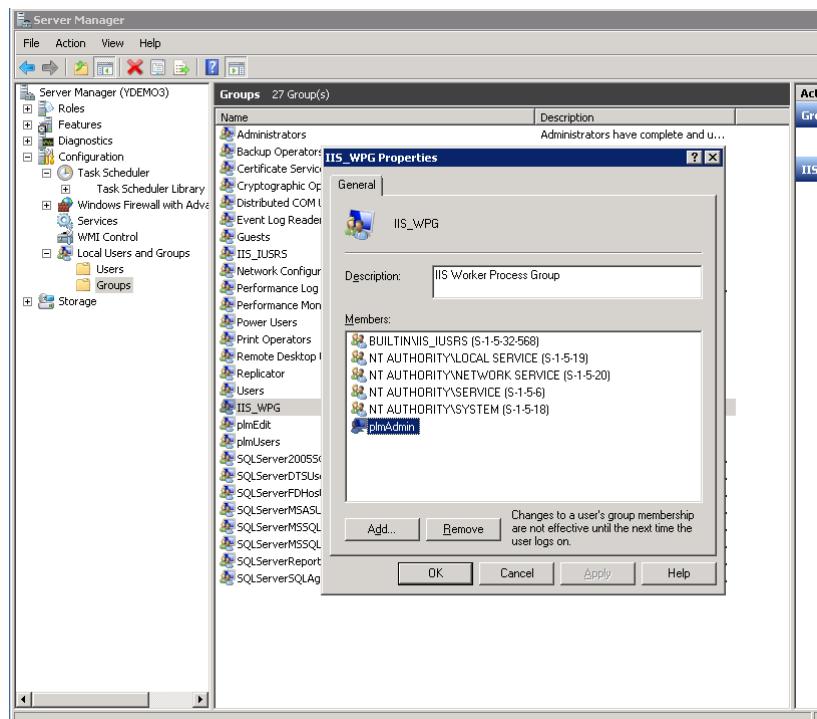
3.3.1.12. Double click on the “Administrators” group and add the website impersonation account.



3.3.1.13. Double click on the “IIS_USRS” group and verify that the website impersonation account is a member.

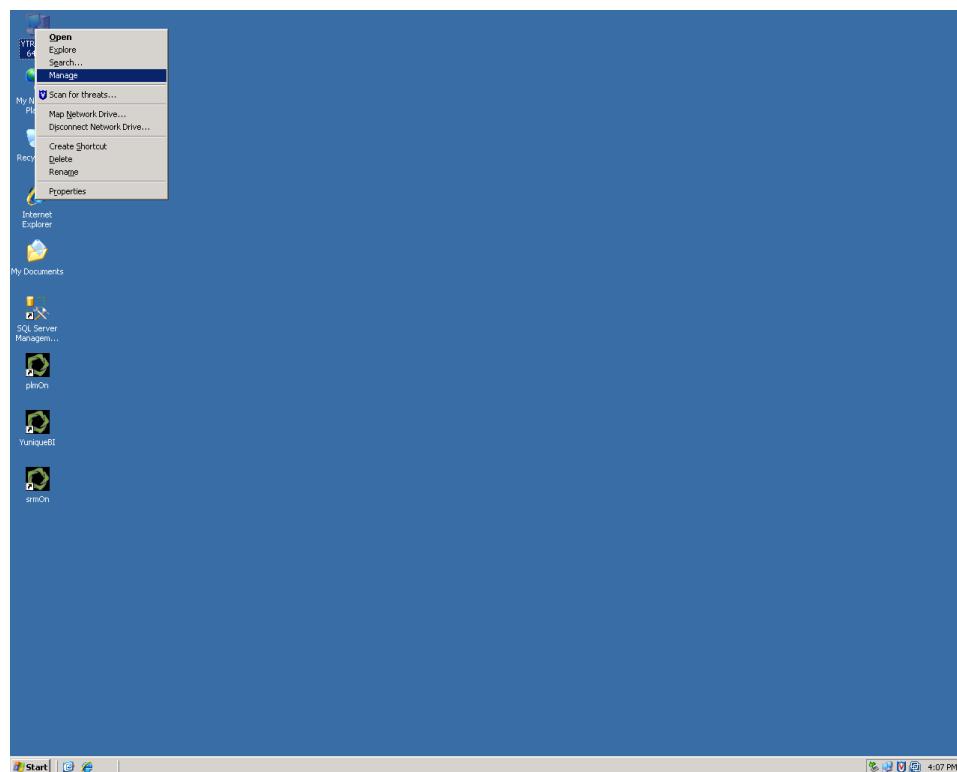


3.3.1.14. Double click on the “IIS_WPG” group and verify that the website impersonation account is a member.

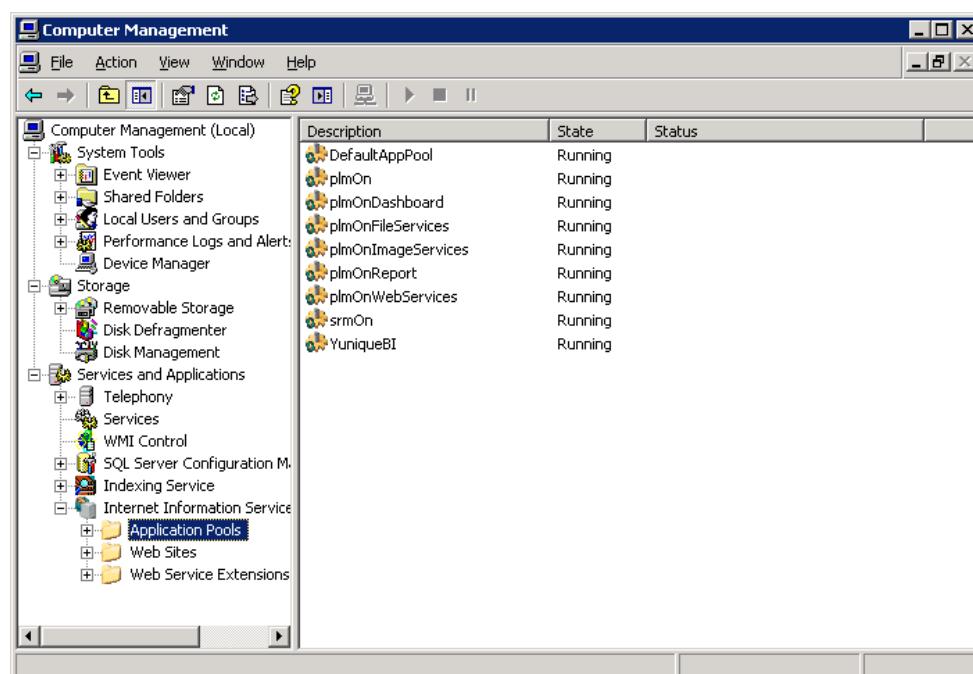


3.3.2. Windows 2003 Server

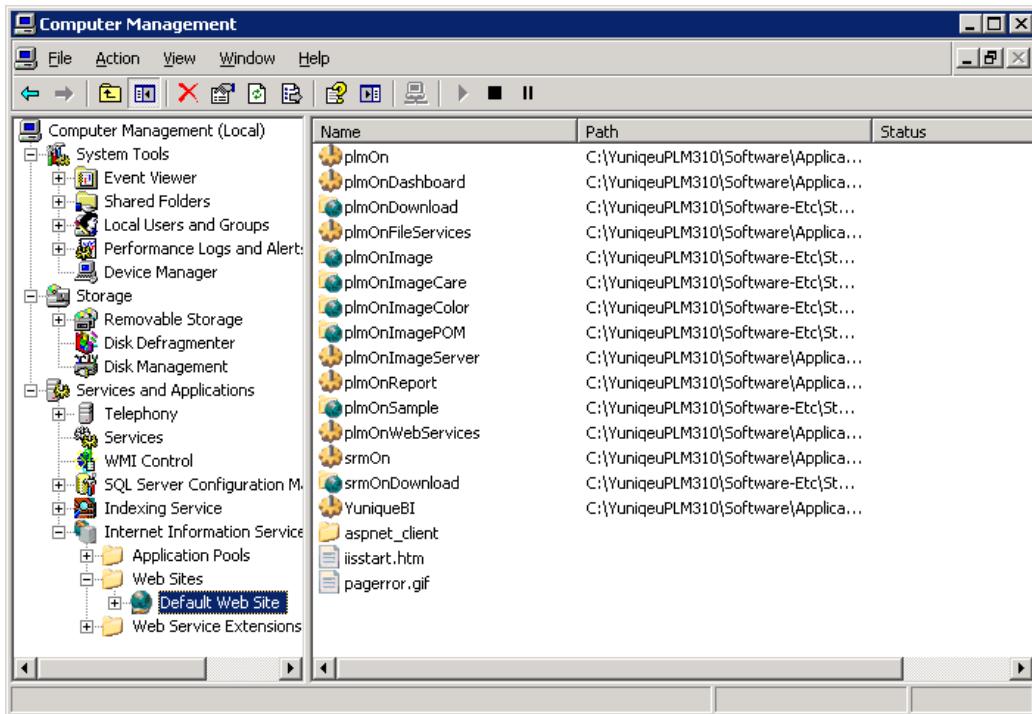
3.3.2.1. On the desktop, right click on My Computer and select “Manage”.



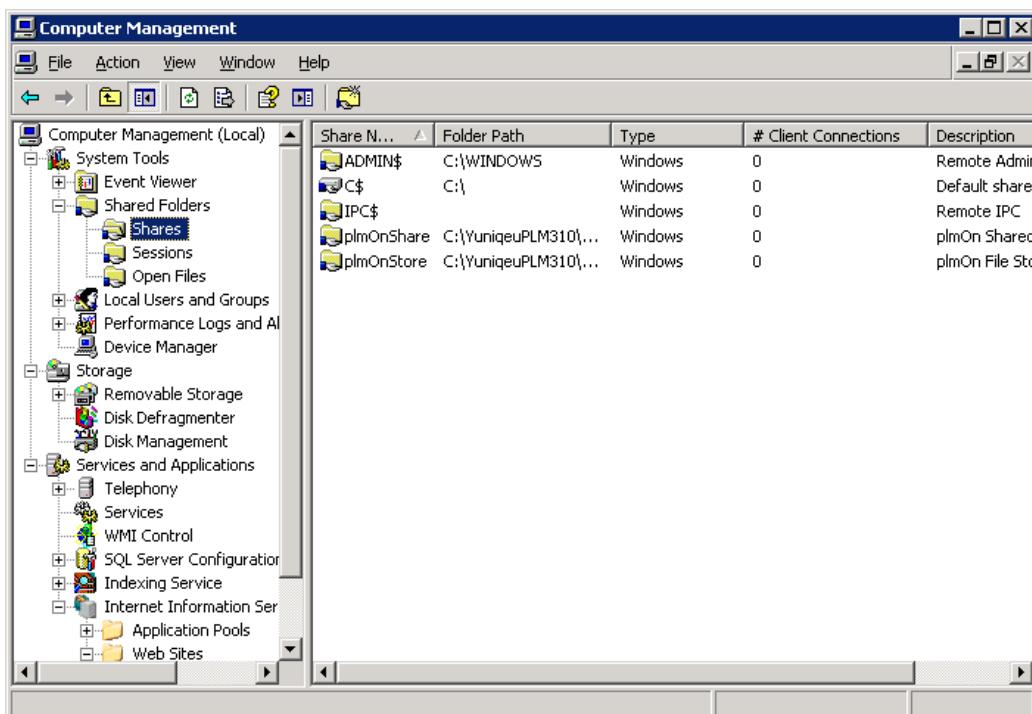
3.3.2.2. Expand Services and Applications and Internet Information Services, and click on Application Pools. Verify the Application Pools have been created.



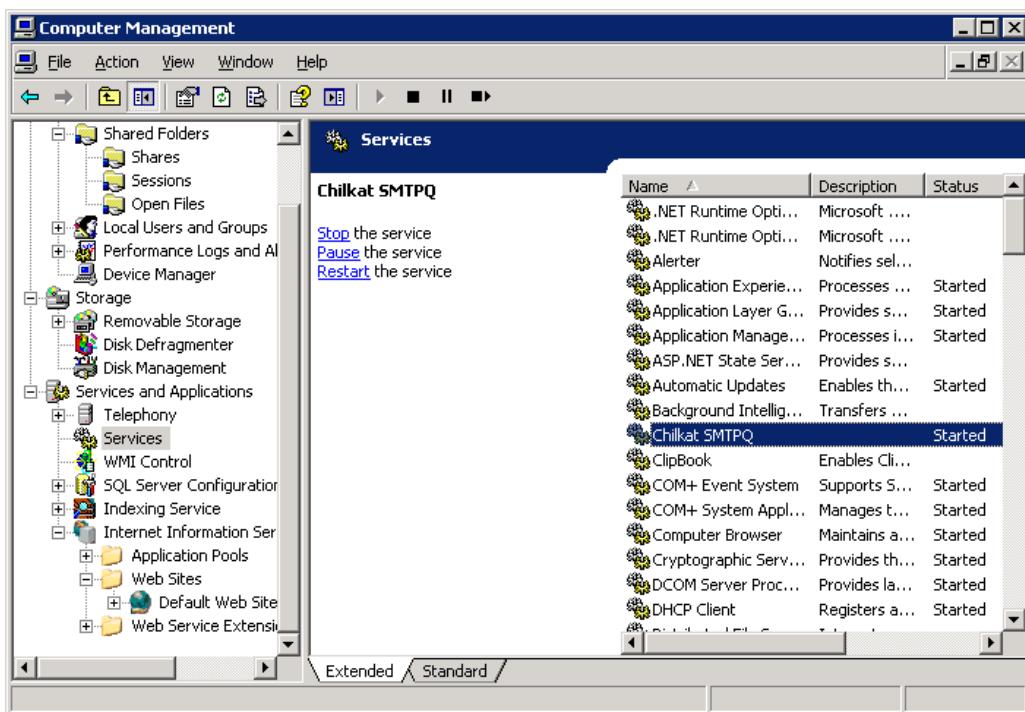
3.3.2.3. Expand Web Sites and click on Default Web Site. Verify that the websites have been created.



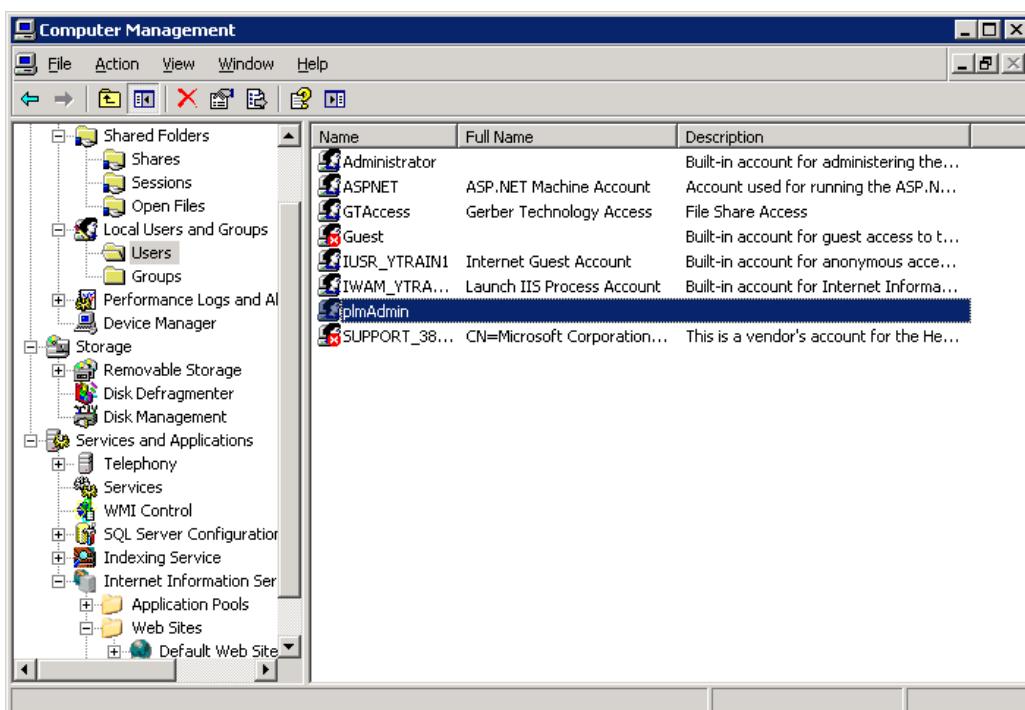
3.3.2.4. Expand Shared Folders and verify that "plmOnShare" and "plmOnStore" shares have been created.



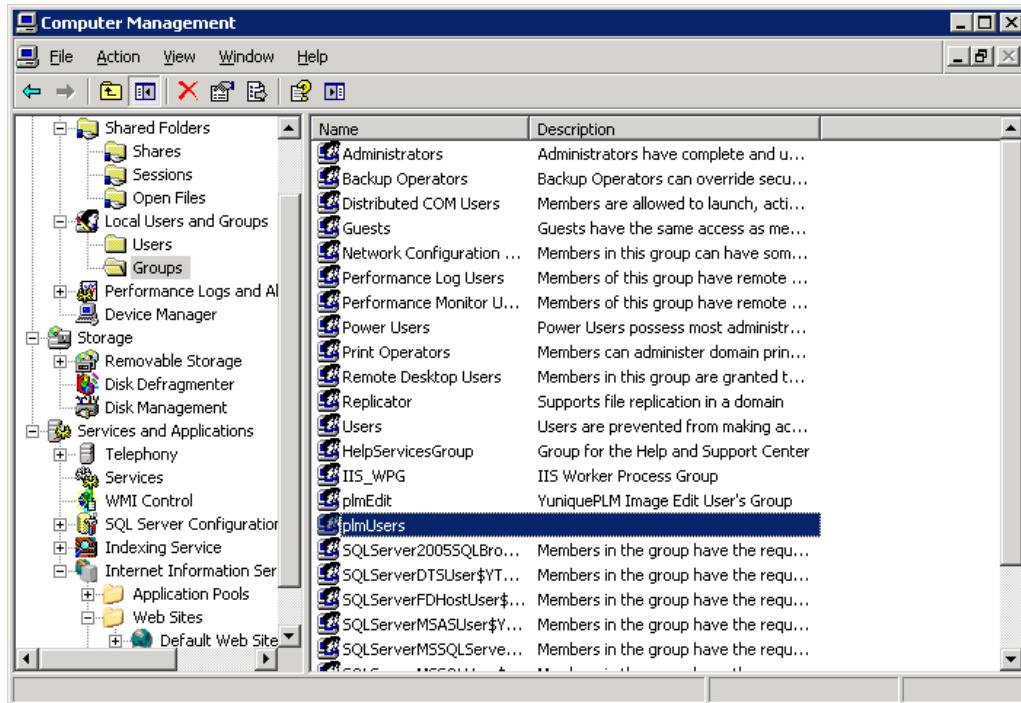
3.3.2.5. Click on “Services” and verify that service “Chilkat SMTPQ” has been created.



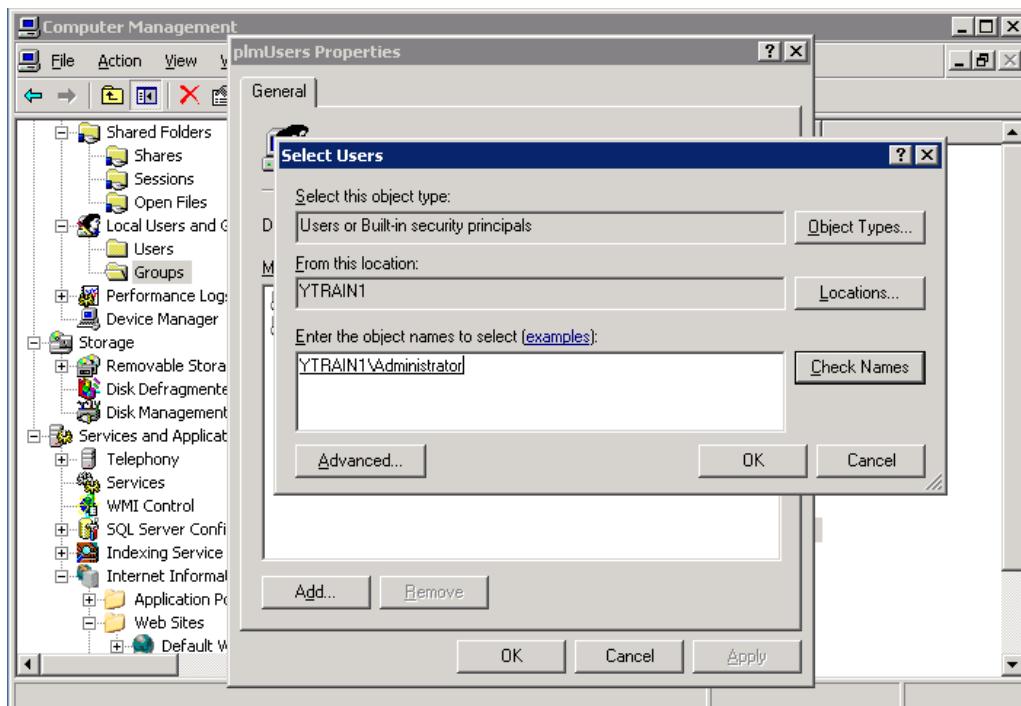
3.3.2.6. Expand Local Users and Groups and verify that the website impersonation account has been created.



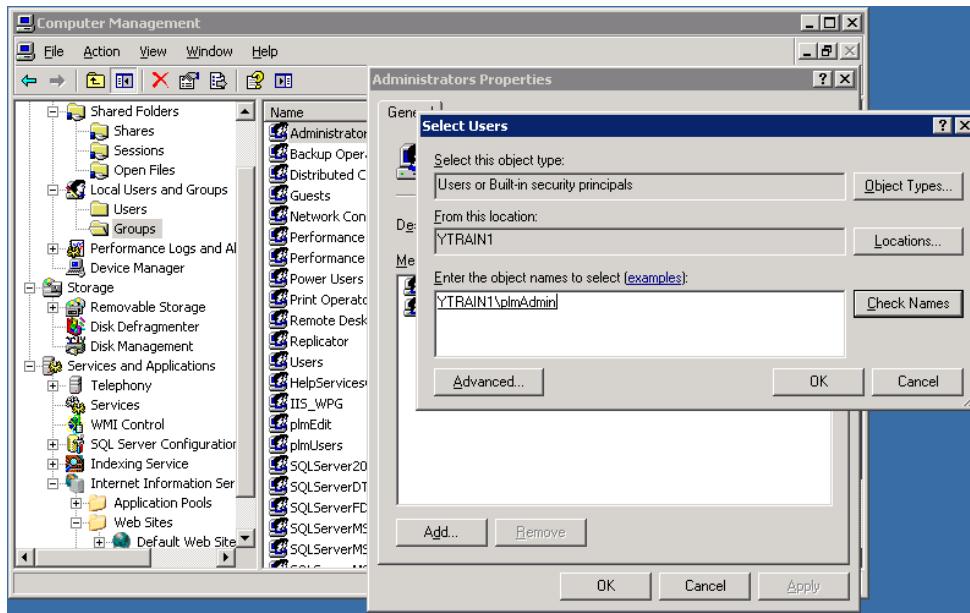
3.3.2.7. Click on Groups and verify the “plmUsers” group has been created.



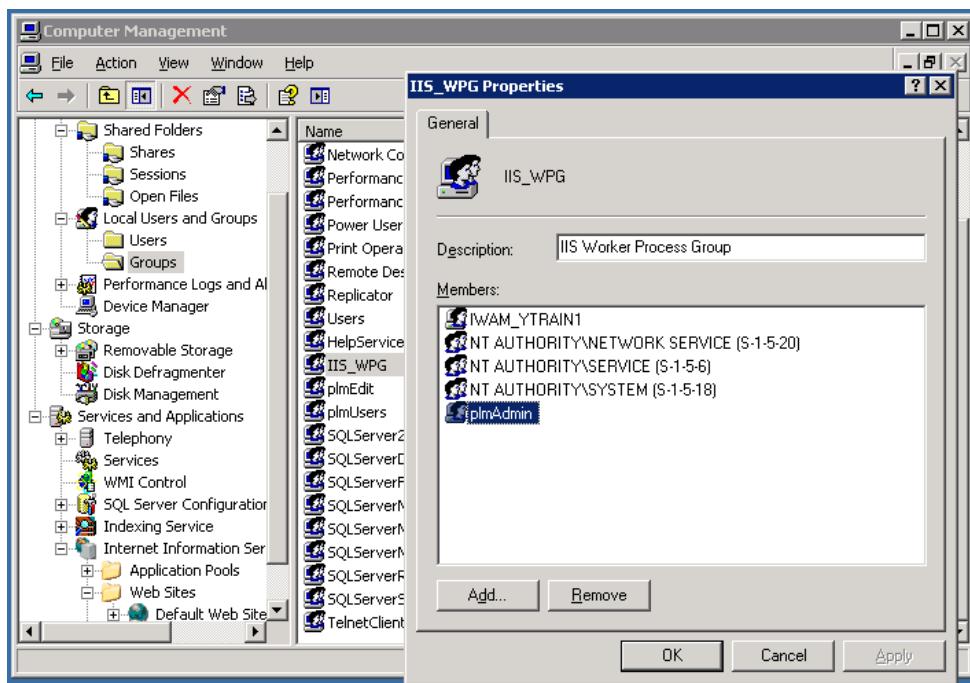
3.3.2.8. Double click on the “plmUsers” group and add the current logged in user in order to test the Image Editing functionality. You will have to reboot for this to take effect.



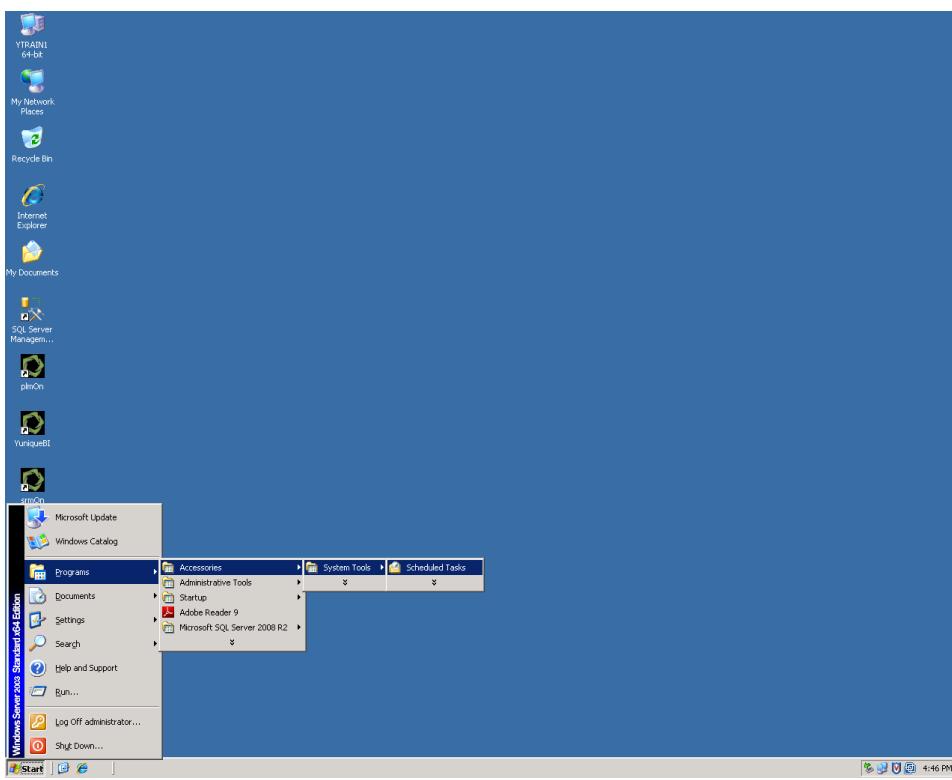
3.3.2.9. Double click on the “Administrators” group and add the website Impersonation account.



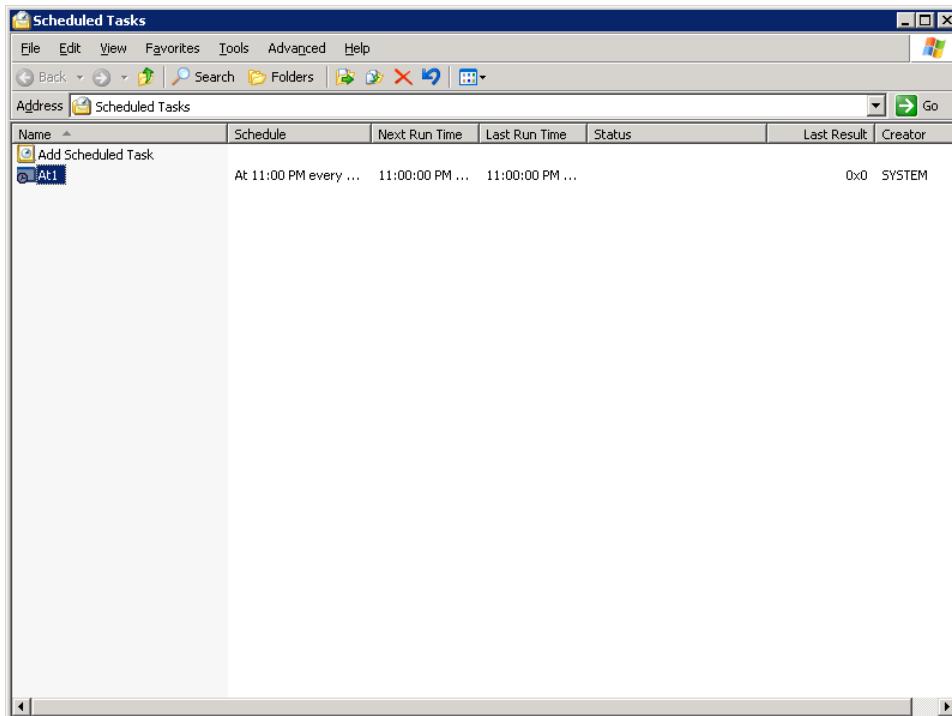
3.3.2.10. Double click on the IIS_WPG group and verify that the website impersonation account is a member.



3.3.2.11. On the desktop, select “Start”, “Programs”, “Accessories”, “System Tools”, and “Scheduled Tasks”

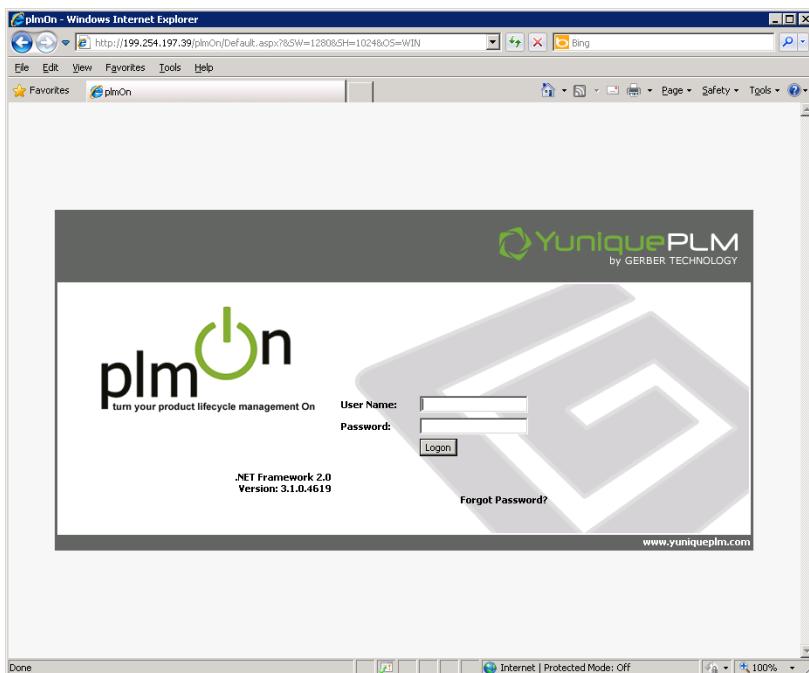


3.3.2.12. Verify that an “11:00PM...” task has been created.

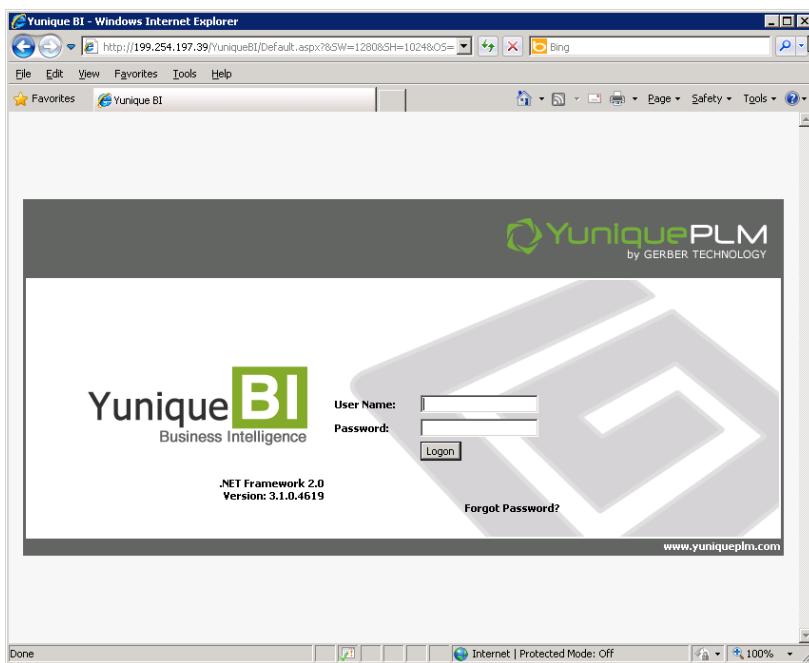


4. Application Verification

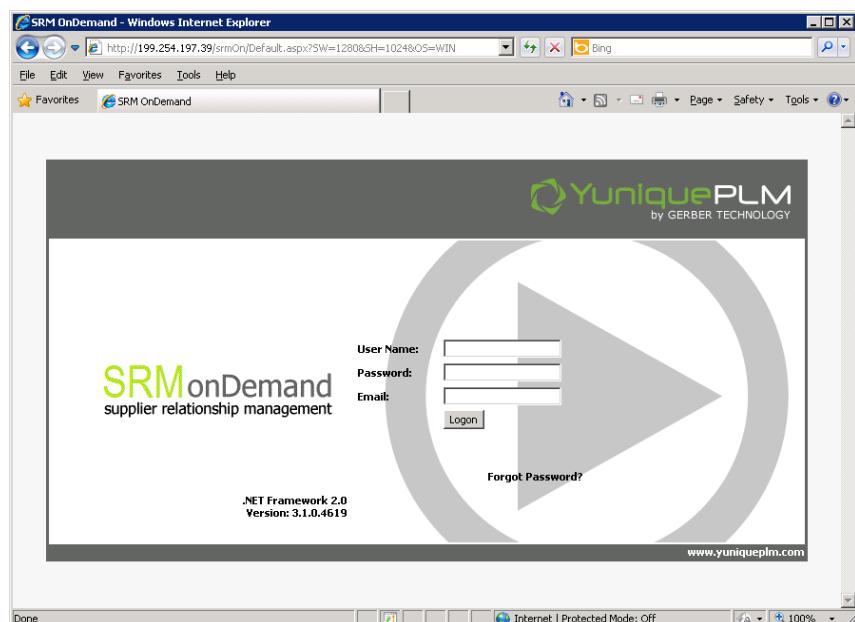
- 4.1. On the desktop, double click on the plmOn ICON and verify the plmOn login screen displays. Login and verify the application is functioning.**



- 4.2. On the desktop, double click on the YuniqueBI ICON and verify the YuniqueBI login screen displays. Login and verify the application is functioning.**



4.3. On the desktop, double click on the srmOn ICON and verify the srmOn login screen displays. Login and verify the application is functioning.



Note: Folder Name and Versions may change depending on the latest version of YuniquePLM