

Select Survey NE

Install Guide



SelectSurvey.NET Install Guide

This install guide has more detailed information and helpful points for hosted customers. See Appendix D of this document for common problems and solutions.

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Requirements

To use this system, your web site must be running Microsoft Internet Information Server (IIS) and have the .NET Framework 3.5 (or later) installed. MDAC 2.9 or later required for database drivers (unless you are on server such as 2008 where DAC is installed with windows).

Installation Considerations for Hosted Environment

If you are planning on hosting the application in a hosted environment first make sure the hosting provider complies with the following:

CONTROL PANEL MUST HAVE ABILITY TO ADD APPLICATION FOLDER! See list in Appendix of preferred hosting providers that offer the below capabilities in the control panel.

- 1. Windows Server (Microsoft Internet Information Server).
- 2. .NET Framework 3.5 (or later) must be installed on hosted server
- 3. Supports Microsoft SQL database, MySQL or Oracle.
- 4. In some situations an application pool for the application is desirable to prevent excessive time outs due to Microsoft recycling sessions on a busy hosted server. (See Appendix A for details)
- 5. Ability to configure application folder as an application in IIS.
- 6. Access to SMTP server for sending email. The app is using System.Web.Mail which is included in the .NET Framework, which uses CDOSys.dll for sending email to a relay server. The ASP.NET account must have permissions to the CDOSys.dll for emailing.

Installation Checklist

The steps to install SelectSurveyNET are as follows:

✓ 1. Download and Unzip files.

Copy "files to copy to IIS" to web server.

2. Place files on Web Server and Configure Web Server.

Configure IIS root folder as an application to use .Net 3.5 Framework.

✓ 3. Configure your database.

Write down connection string for next step.

4. Edit the WEB.CONFIG.

Enter your database connection string into the web.config. Edit other keys with



your customized information.

5. Login to set Global Application Settings after logging in with the browser.

Adjust default settings in the admin tools with the web browser.

Detailed Instructions for above steps:

Place Files on Web Server and configure IIS.

1. Download and Unzip files.

Unzip the files to a temporary directory. The zip file contains a folder of files to copy to the web server titled **"Files to copy to IIS"**, and a folder containing the solution project file and source code titled **"Source Code"** for development and customizations.

2. Place files on Web Server and Configure Web Server.

Copy the files inside the folder "Files to copy to IIS" to either your root web site folder or create a virtual directory in IIS that points to where your put the files, named something like "SelectSurveyNET". Make sure there is an "Application Name" entered as shown in figure 1 below under "Application Settings" in IIS properties for the SelectSurveyNET virtual directory. If you are using IIS6.0 with Windows Server 2003, we recommend that the Select Survey application be assigned its own application pool. For instructions how to do this see Appendix A at the end of this document. Session state must be enabled (enabled by default) you can check it by clicking on the "configuration" button next to the application name (see figure 1).

SelectSurvey.NET uses .net 3.5 or higher.

Note for Hosted Environment: If your hosting provider does not allow you to configure a sub folder or virtual directory as an "application" you will have to put the application in the top or root folder of your web site or ask the hosting provider to configure the folder for you.

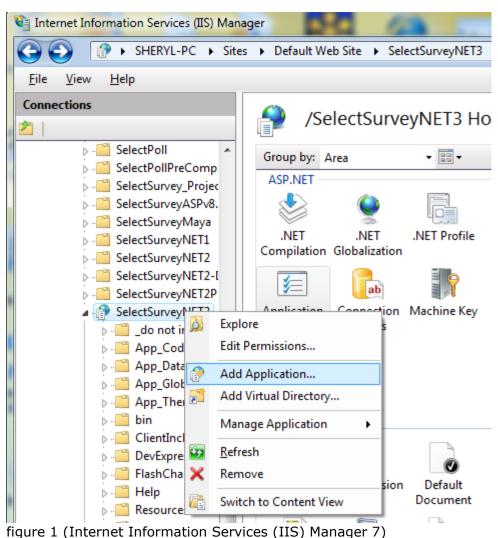




HTTP Headers	Custom Errors	Server Extensions					
Directory	Documents	Directory Security					
When connecting to this resource, the content should come from:							
\odot	The <u>d</u> esignated directory						
04	A <u>s</u> hare located on another com	nputer					
04	A redirection to a <u>U</u> RL						
Local Path:	SelectSurveyNET						
Script source acces Read		s s resource					
Write	[•] Index du	s resource					
Directory <u>b</u> rowsing							
Directory <u>b</u> rowsing Application Settings							
	SelectSurveyNET	Remove					
Application Settings	SelectSurveyNET <def\selectsurveynet< td=""><td></td></def\selectsurveynet<>						
Application Settings	·	Configuration.					

figure 1 (IIS 6)





Also, make sure the Default.aspx page is set as the default document on the "Documents" tab in the web site properties as shown in figure 2. Figure 3 shows that you must have the asp.net tab set to .net framework version 3.5 for this application version.

Note for Hosted Environment: Hosting providers usually have a control panel that allows you to set the default page. If not, just make sure there is not another page in the same folder that the server may default to such as "default.asp", "index.asp", etc. instead of default.aspx.





HTTP Headers	Custom Errors	Server Extensions
Directory	Documents	Directory Security
Enable Default Dog	x	Add
Default.asp index.htm iisstart.asp		<u>R</u> emove
Enable Document F		
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figure 2 (IIS 6)



SHERYL-PC > Site	es 🕨 Default Web Site 🕨 S	electSurveyNET3	📴 🔤 🟠 I 🔞
<u>F</u> ile <u>V</u> iew <u>H</u> elp			
onnections	Default Do Use this feature to specify not request a specific file.	move this file to the top of	
SelectSurvey_Project SelectSurveyASPv8.	Name	Entry Type	the list to improve performance.
> 📔 SelectSurveyMaya	default.aspx	Inherited	
SelectSurveyNET1	Default.htm	Inherited	Actions
SelectSurveyNET2	Default.asp	Inherited	Add
SelectSurveyNET2-I	index.htm	Inherited	🗙 Remove
SelectSurveyNET3	index.html	Inherited	👚 Move Up
b do not include	iisstart.htm	Inherited	Section 2010 Move Down
App_Code			Disable
⊳ 🦳 App_Data			Revert To Inherited
App_GlobalResc			Help
App_Themes			Online Help
⊳ 🚞 bin N 🧮 ClientInclude			
	📰 Features View 🕼 Cont	ent View	
onfiguration: 'Default Web Site/SelectSu	vevNFT3' web.config		•



SelectSurveyNET3 Properties	? 🔀
Directory Documents Directory Secu	rity HTTP Headers Custom Errors ASP.NET
ASP.net	•
ASP.NET version:	2.0.50727
Virtual path:	/SelectSurveyNET3
File location:	c:\inetpub\www.root\SelectSurveyNET3\web.c
File creation date:	5/29/2009 12:10:09 AM
File last modified:	6/4/2009 5:13:29 PM
	Edit Configuration
ОК	Cancel Apply Help

figure 3 (IIS 6)



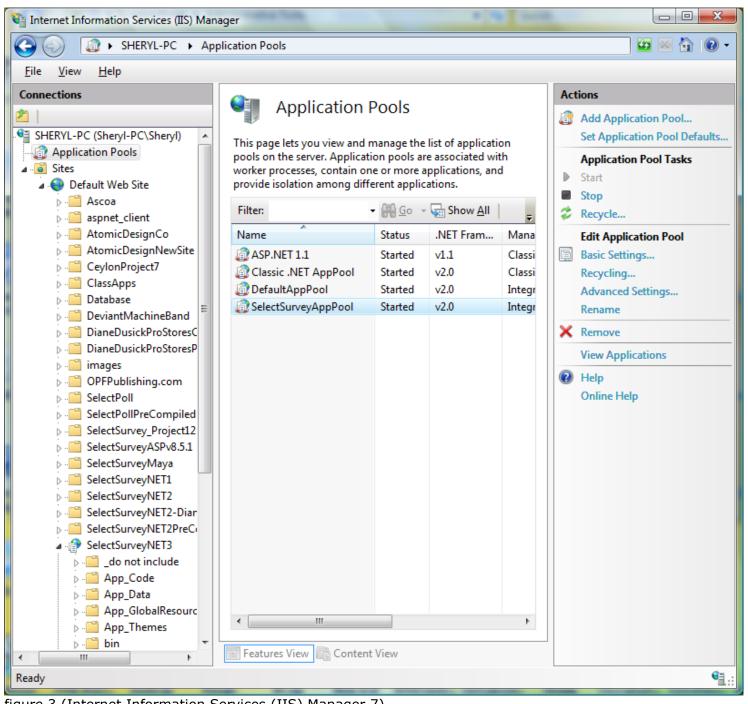


figure 3 (Internet Information Services (IIS) Manager 7)



-	nced Settings		
Ξ	(General)		
	.NET Framework Version	v2.0	
	Enable 32-Bit Applications	True 🔻	
	Managed Pipeline Mode	Integrated	1
	Name	DefaultAppPool	
	Queue Length	1000	
	Start Automatically	True	
-	CPU		
	Limit	0	
	Limit Action	NoAction	
	Limit Interval (minutes)	5	
	Processor Affinity Enabled	False	
	Processor Affinity Mask	4294967295	
-	Process Model		
	Identity	ApplicationPoolIdentity	
	Idle Time-out (minutes)	20	
	Load User Profile	False	_
	Maximum Worker Processes	1	=
	Ping Enabled	True	
	Ping Maximum Response Time (s	90	
	Ping Period (seconds)	30	
	Shutdown Time Limit (seconds)	90	
	Startup Time Limit (seconds)	90	
-	Process Orphaning		
	Enabled	False	
	Executable		
	Executable Parameters		
-	Rapid-Fail Protection		
	"Service Unavailable" Response Ty	HttpLevel	
	Enabled	True	
	Failure Interval (minutes)	5	
	Maximum Failures	5	
	Shutdown Executable		
	Shutdown Executable Parameters		
Ξ	Recycling		
	Disable Overlapped Recycle	False	
	Disable Recycling for Configuration	False	
+	Generate Recycle Event Log Entry		-
[e op	perating system, the worker proces	rue for an application pool on a 64-bi ss(es) serving the application pool will /s64) mode. Processes in WOW64 mo.	

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IIS7 Application pool settings for 64 bit servers: Set Enable 32-bit applications = True.

Configure the Database.

3. Configure your database.

There are three required steps for each type of database. Please refer to the appropriate section, below. Use the page: "debugdatabaseconnection.aspx" which you can open in the browser where the survey app is installed to test your connection string below by pasting the "Value" from the key in the web.config into the textbox provided (without the quotes around it), then clicking the "test connection" and "test permissions" buttons to test. The red text below the test buttons will indicate whether your database connection string is correct format or not. After you get a successful test, copy the value back into your web.config, then save your web.config.

SQL Server

a. At this point, you may want to optionally create a new database for the application. If you decide not to create a new database and to use an existing database instead, note that all table names have the prefix "SUR_" so that they can easily be distinguished from other tables in the database.

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		a starting			
	Database <u>fi</u> les:		Dia	lawal Cas (MD)	A de encode
	Logical Name survey	File Type Rows	Filegroup	Initial Size (MB) 2	Autogrowth By 1 MB, unrestricted growth
	survey_log	Log	Not Applicabl		By 10 percent, unrestricted growt
Connection					
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View connection properties					
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Ready	•				•
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Execute QL Server 10.50.1600 - s CREATE TABLE [dbo].[sur_id_generation] ([next_available_id] [int] NOT NULL , [name] [varchar] (40) NOT NULL) ON [PRIMARY] GO					
-2011 CREATE TABLE [dbo].[sur_item] ([item_id] [int] NOT NULL , [item_type_id] [int] NOT NULL , [item_text] [ntext] NULL , [item_sub_text] [ntext] NULL .					

- b. Load the tables into the database. The script for the tables is located in the file, "SelectSurveyNETTables.txt," which is located in the "SelectSurveyNET\Documentation\MSSQLScripts\MSSQL 2000 2005 and 2008\New Install " directory. The best way to load the tables is to open Microsoft Query Analyzer, open the file, "SelectSurveyNETTables.txt," from Query Analyzer, and execute.
- Load the required meta data into the database. The script for the meta-data is located in the file, "SelectSurveyNETData.sql," which is located in the "SelectSurveyNET\Documentation\MSSQLScripts\MSSQL 2000 2005 and 2008\New Install " directory. The best way to load the meta-data is to open the file, "SelectSurveyNETData.txt," from Microsoft Query Analyzer, and execute it.
- d. Update web.config:

```
<add key="SUR_DATABASE_TYPE" value="SQLServer" />
<add key="SURVEY_APP_DB_DRIVER" value="SqlClient" />
<add key="SURVEY_APP_ACTIVELY_CLOSE_CONNECTIONS" value="true" />
<add key="SURVEY_APP_CONNECTION"
value="Server=YourSQLServerNameOrIP;Database=SelectSurveyNET;Trusted_Connection=yes;"
/>
```

(use your connection string credentials, the above is an example only)

MySQL

assapps

a. Create a new Database.





- b. Create a new User for your database.
- c. Assign your new user full rights on your new database.
- d. Run the sql script on your database to create the tables.

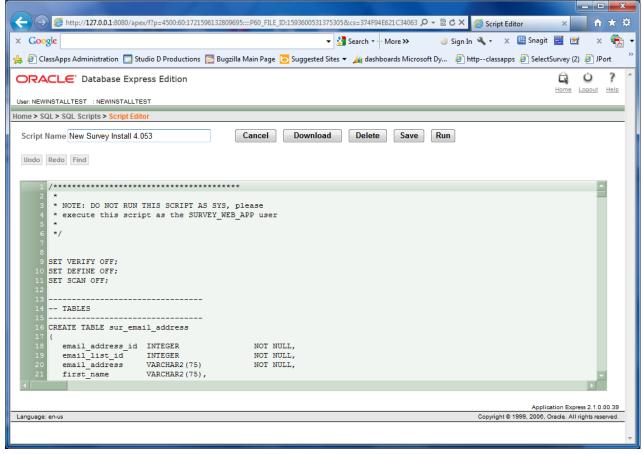
```
e. Update web.config:
```

```
<add key="SUR_DATABASE_TYPE" value="MySQL" />
<add key="SURVEY_APP_DB_DRIVER" value="MySql" />
<add key="SURVEY_APP_ACTIVELY_CLOSE_CONNECTIONS" value="true" />
<add key="SURVEY_APP_CONNECTION"
value="database=neil;server=localhost;uid=neil;password=neil;pooling=false;"/>
```

(use your connection string credentials, the above is an example only)

Oracle

a. Run scripts located in the "Documentation/Oracle Scripts" folder to create the tables and default data. Screenshots from Oracle 10g Express:





		• X
🗲 🕣 🎉 http://127.0.0.1:8080/apex/f?p=4500:1220:1721596132809695:fsp_sort_8_desc:NO:RP,1220:I 🔎 < 🗟 🖒 🗙 🦉 Manage Script Result	ts × í	n ★ 🌣
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ORACLE Database Express Edition	G O	? ^
User: NEWINSTALLTEST	Home Logout	t <u>Help</u>
Home > SQL > SQL Scripts > Manage Script Results		
Your script has been submitted for execution. Click on the script icon to view results.		
Script New Survey Install 4.053 Run By NEWINSTALLTEST View Details Display 15 View Go Del	lete Checked	
Script Run By Started ▼ Elapsed Status Statements Bytes View Results		E
New Survey Install 4.053 NEWINSTALLTEST 0 seconds ago Submitted		
row(s) 1 - 1 of 1		
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ORACLE' Database Express Edition	G C	2 ?

ORACLE[®] Database Express Edition

User: NEWINSTALLTEST

Home > SQL > SQL Scripts > Results

Script: New Survey Install 4.053 Status: Canceled

View: De	etail 💿 Sun	nmary Display 200 - Go Edit Script		
<u>Number</u>	Elapsed	Statement	Feedback	Rows
1	1.04	CREATE TABLE sur_email_address (email_address_id INTE	Table created.	0
2	0.03	CREATE INDEX ix_sur_email_address_list ON sur_email_addr	Index created.	0
3	0.13	CREATE TABLE sur_email_list (email_list_id INTEG	Table created.	0
4	0.03	CREATE TABLE sur_email_message (email_message_id	Table created.	0
5	0.00	CREATE INDEX ix_email_message_list ON sur_email_message(Index created.	0
6	0.02	CREATE TABLE sur_email_sent_history (email_sent_histor	Table created.	0
7	0.00	CREATE INDEX ix_sur_email_history_message ON sur_email_s	Index created.	0
8	0.00	CREATE INDEX ix_email_sent_history_address ON sur_email_	Index created.	0
9	0.03	CREATE TABLE sur_hidden_field (hidden_field_id	Table created.	0
10	0.02	CREATE INDEX ix_hidden_field_sur_id ON sur_hidden_field(Index created.	0
11	0.01	CREATE TABLE sur_id_generation (next_available_id INT	Table created.	0
12	0.03	CREATE TABLE sur_ip_address (ip_address_id INTEGE	Table created.	0
13	0.13	CREATE TABLE sur_item (item_id INTEG	Table created.	0
14	0.05	ODEATE TARLE our item anower (anower id INT	Table created	٥



Home Logout Help

	:p:// 127.0.0	1:8080/apex/f?p=4500:1225:1721596132809695:::::	🖒 🗙 🏉 Results	×	f	*
Google see	d128 Su	ccessful128 With Errors0 🔻 绪 Search ਾ More » 🥚	Sign In 🔌 📲 🗶 🛄	Snagit 📰 📷	x	÷
🗧 ClassApps A	Administrat	ion 🗔 Studio D Productions [Bugzilla Main Page 🗔 Sugg	ested Sites 👻 🏄 dashboa	ards Microsoft Dy		
104	0.00	INSERT INTO sur item type(item type id, item type name, ques	1 row(s) inserted.	1		
105	0.00	INSERT INTO sur item type (item type id, item type name, ques	1 row(s) inserted.	1		
106	0.00	INSERT INTO sur_item_type(item_type_id, item_type_name, ques	1 row(s) inserted.	1		
107	0.00	INSERT INTO sur_item_type(item_type_id, item_type_name, ques	1 row(s) inserted.	1		
108	0.00	INSERT INTO sur_item_type(item_type_id, item_type_name, ques	1 row(s) inserted.	1		
109	0.02	INSERT INTO sur_item_type(item_type_id, item_type_name, ques	1 row(s) inserted.	1		
110	0.00	INSERT INTO sur_item_type(item_type_id, item_type_name, ques	1 row(s) inserted.	1		
111	0.00	INSERT INTO sur_item_type(item_type_id, item_type_name, ques	1 row(s) inserted.	1		
112	0.01	INSERT INTO sur_item_type(item_type_id, item_type_name, ques	1 row(s) inserted.	1		
113	0.00	INSERT INTO sur_role(role_id, role_name, role_description) V	1 row(s) inserted.	1		
114	0.02	INSERT INTO sur_role(role_id, role_name, role_description) V	Statement processed.	1		
115	0.00	INSERT INTO sur_role(role_id, role_name, role_description) V	1 row(s) inserted.	1		
116	0.00	INSERT INTO sur_user(user_id, username, user_password, passw	1 row(s) inserted.	1		
117	0.02	INSERT INTO sur_user_to_role_mapping(user_id, role_id) VALUE	1 row(s) inserted.	1		
118	0.01	INSERT INTO sur_template(template_id, active_yn, template_na	1 row(s) inserted.	1		
119	0.00	INSERT INTO sur_item_answer_group(item_answer_group_id, item	1 row(s) inserted.	1		
120	0.00	INSERT INTO sur_item_answer_group(item_answer_group_id, item	1 row(s) inserted.	1		
121	0.02	INSERT INTO sur_item_answer_group(item_answer_group_id, item	1 row(s) inserted.	1		
122	0.01	INSERT INTO sur_item_answer_group(item_answer_group_id, item	1 row(s) inserted.	1		
123	0.02	INSERT INTO sur_item_answer_group(item_answer_group_id, item	1 row(s) inserted.	1		
124	0.01	INSERT INTO sur_item_answer_group(item_answer_group_id, item	1 row(s) inserted.	1		
125	0.00	INSERT INTO sur_item_answer_group(item_answer_group_id, item	1 row(s) inserted.	1		
126	0.00	INSERT INTO sur_item_answer_group(item_answer_group_id, item	1 row(s) inserted.	1		
127	0.00	INSERT INTO sur_item_answer_group(item_answer_group_id, item	1 row(s) inserted.	1		
128	0.00	INSERT INTO sur_item_answer_group(item_answer_group_id, item	1 row(s) inserted.	1		
			row(s) 1 - 128 of 128			
	essed 12 essful 12 Errors 0					
anguage: en-us			Copyright @ 1999	Application Express 2006, Oracle. All rig		
			copyingin o 1999,	2000, order Airlig		

b. Use "Oracle" as the database type <add key="SUR_DATABASE_TYPE" value="Oracle"/> $\ensuremath{\mathsf{value}}$

c. Update web.config:

```
<add key="SUR_DATABASE_TYPE" value="Oracle" />
<add key="SURVEY_APP_DB_DRIVER" value="OleDb" />
<add key="SURVEY_APP_ACTIVELY_CLOSE_CONNECTIONS" value="true" />
<add key ="SURVEY_APP_CONNECTION" value = "Provider=OraOLEDB.Oracle;Data
Source=127.0.0.1;User Id=survey_web_app;Password=survey_web_app;pooling=false;" />
```

(use your connection string credentials, the above is an example only)

d. The driver Oracle 11g ODAC 11.1.0.7.20(or later) must be installed on the web server even if database is on another server. you can install it from <u>http://www.oracle.com/technology/software/tech/windows/odpnet/utilsoft.html</u>

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e. Set environment variable "TNS_ADMIN" on web server to point to the oracle network configuration files.

Ensure your database connection string is correct before continuing (see screenshot below). Use the page: "debugdatabaseconnection.aspx" which you can open in the browser where the survey app is installed to test your connection string below by pasting the "Value" from the key in the web.config into the textbox provided (without the quotes around it), then clicking the "test connection" and "test permissions" buttons to test. The red text below the test buttons will indicate whether your database connection string is correct format or not. After you get a successful test, copy the value back into your web.config, then save your web.config.



	SelectSurvey.NET
• 1-1	Selectoriney. ALL
a acconne	
classapps	
	Debug Database Connection
Dobug Database	
Debug Database Connection	Admin Configuration
This page allows you to	Admin Database Connection Debug Page
test your database connection string during	This page is for administrators to test database connection settings.
the installation process.	All inner exception errors will show in red text below form. Please refer to install manual for more information in configuring database.
Page Help	
	GENERAL: Possible causes for database connection problems: 1) typo in web.config connection string 2) web.config connection string 2) web.config to that "CUID DATABASE TYPE" value matches database you are using
+ Go to Survey List	 make sure in web.config that "SUR_DATABASE_TYPE" value matches database you are using. make sure datetime settings in web.config are correct (go to datetime debug page to test).
	SQL SERVER: A) SQL Server is 2005 and has wrong "provider" example connection string for sql server2005:
	"Provider=SQLNCLI;Server=127.0.0.1;Database=dbname;UID=username;PWD=P@ssw0rd;" B) if SQL Server was set to windows authentication only login mode connection string will need to include:
	Integrated Security=SSPI C) Make sure you have the database driver you are specifying installed on your server.
	D) Microsoft reference for setting permissions: <u>http://support.microsoft.com/kb/247931/en-us</u>
	MS ACCESS: A) Make sure folder and database file have write permissions by ASP.NET account
	 B) You might need to restart iis for new permissions to take affect C) Give "Network Service" machine account Modify permissions on the database folder in Windows Server 2003.
	MySQL:
	 A) Make sure the MySQL.Data.dll in the application bin folder is compiled to work in medium trust. B) Use a connection string for the native MySQL .net connector driver per the example in the web.config
	C) Activate the Cherry City OLEDB driver (required). Go to MySQL Activation Page
	Enter connection string (not encrypted). Server=ATOMIC-4;Database=SelectSurveyNET4;Trusted_Connection=yes;
Copy web.config	Encrypt Connection String
connection string	Encrypted Connection string:
into box provided	
to test.	Decrypted Connection string:
	Click below button to test connection string from above:
	Test Connection Test Permissions
	Testing Results Message:
	Successful insert, update and delete performed.
Results of test 🌶	
show here:	
	ОК
classapps	ĥ 岔

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Note: if you are using its 7 or greater, you can use the built in "Application Settings" tool in the Internet Information Services Manager (see figure A and B below) instead of manually editing the web.config, alternatively you can manually edit the web.config per the instructions for its 6 or earlier below:

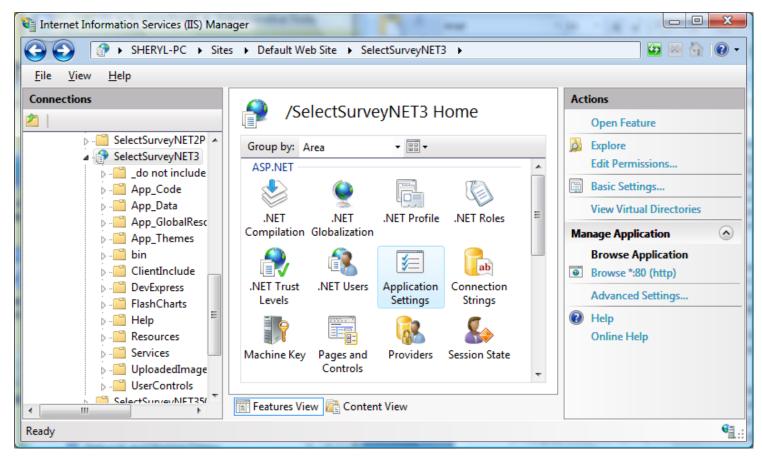


Figure A (Internet Information Services (IIS) Manager 7)



Internet Information Services (IIS) Mana	ger	3 •	100	
<u>F</u> ile <u>V</u> iew <u>H</u> elp				
Connections	Application Settings Use this feature to store name and value code applications can use at runtime. Group by: No Grouping • Name		×	ons Add Edit Remove Help Online Help
	SUR_USER_MANUAL SUR_USERNAME_ADMIN SURVEY_APP_CONNECTION SURVEY_COOKIE_TIMEOUT timeout USE_ACTIVEDIRECTORY_TO_AUTHEN USE_RESPONSELOGIC WebServiceEncryptionKey <	Manual admin Provider=SQLNCI 43200 60 no false This#Is%Just!A*Ra	-	
Configuration: 'Default Web Site/SelectSurv	veyNET3' web.config			ę

Figure B (Internet Information Services (IIS) Manager 7)

Edit WEB.CONFIG file for SMTP.

4. Edit the WEB.CONFIG file (required) with textpad or notepad to set email parameters. Also in the file, "Web.config," there are several constants under the heading "EMAIL CONFIG VARIABLES". SelectSurveyNET utilizes the System.Web.Mail namespace included in the .NET Framework for sending email. Read the comments in the web.config for how to set these values. The below email constants can be set in the Web.config file:

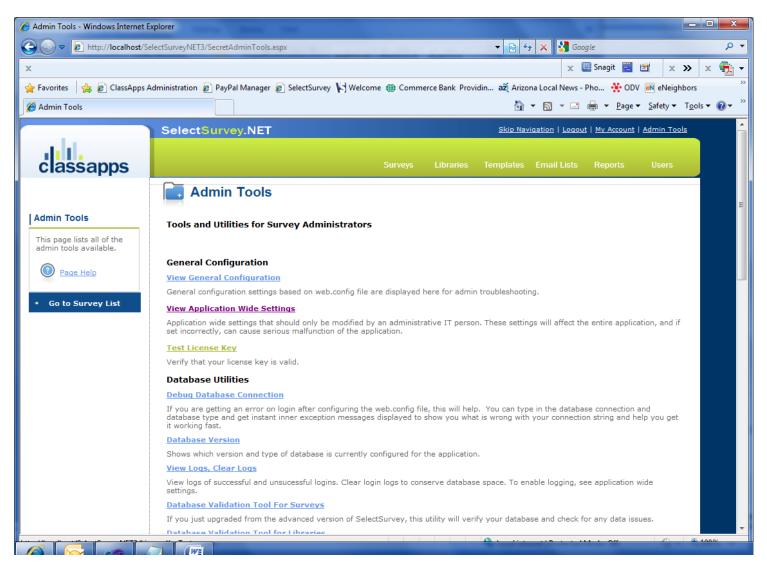


Edit WEB.CONFIG set LICENSE KEY and remaining keys.

5. Edit the WEB.CONFIG to add in license key settings. Set values for all other web.config settings, which would include license keys for any add-ons you purchased. To obtain the license key for different add-ons or products, login to your customer account page on classapps.com and click "purchased products" which is where your license keys are listed. Some products require you to click a button "generate" to generate a license key based on your production URL which you type in on the customer account page. If you are seeing a "15 day trial" message then you have not properly generated a license key. Login as admin and click "admin tools" link, then click "License key tester" or "show product URL" if you are unsure of what URL to use when generating a license key. Then follow instructions on that page: REQUIRED: Customer ID must be in application wide settings page for you will see a "15 day trial" message despite having a valid key. The customer ID is checked against the key and is required.

Admin Configuration - Windows Inter	met Explorer
← ← ← http://localhost/Select	tSurveyNET3/LicenseKeyTester.aspx 🗸 🖓 Goog <i>le</i> 🔎 🔻
x	x 🕮 Snagit 🗃 🖆 🛛 x 🏶 🛪 🏪 🗸
🚖 Favorites 🛛 🚖 🔊 ClassApps Adm	ninistration 🖉 PayPal Manager 🖉 SelectSurvey 🕅 Welcome 🌐 Commerce Bank Providin az Arizona Local News - Pho 🔆 ODV ៧ eNeighbors 🔅
Admin Configuration	
classapps	Surveys Libraries Templates Email Lists Reports Users
License Key Tester	Admin License Key Tester
their license key to be sure it is valid. Page Help + Go to Survey List	License Validator This page allows administrators to test the product license key to see if it is valid. A production license key is required to run on a production server and the development/test license key is required to run on the test server. If you do not have a valid license key you will see a 15 day trial message at the top of the page. Where do I find my license key? To generate a license key, login to your customer account on classapps.com, click "product downloads", find the link "Generate" next to the product you need a key for. Type in the product URL that shows from the test button below if you are not sure what your product URL is. Click "generate" link. The page will refresh and display your icense key. Copy the license key into your web.config file in the space provided in the value quotations on the line that says "LICENSE_KEY" in the appSettings section of the web.config file. The license key goes in the web.config file which is in the folder on the web server where the survey application resides. If the license key is empty you are in 15 day trial mode. If you have questions please contact technical support tech@classapps.com for assistance. What is my product URL? Click button to display the URL in red text below the test buttons at the bottom of this page so that you can paste it into the license key generator in your customer account page
	on classapps.com. Show Prodouct URL Paste in License Key: Paste in Customer ID: Paste in Customer ID: Paste in Product URL: (ex: http://www.yoururl.com/survey) Click below button to test: Test Active Key Test Typed In Values Message: Your product URL for generating license key is: http://localhost/SelectSurveyNET3
http://localhost/SelectSurveyNET3/Report	tsMenu.aspx 😪 🔹 Local intranet Protected Mode: Off 🛛 🖓 💌 🕄 100% 💌





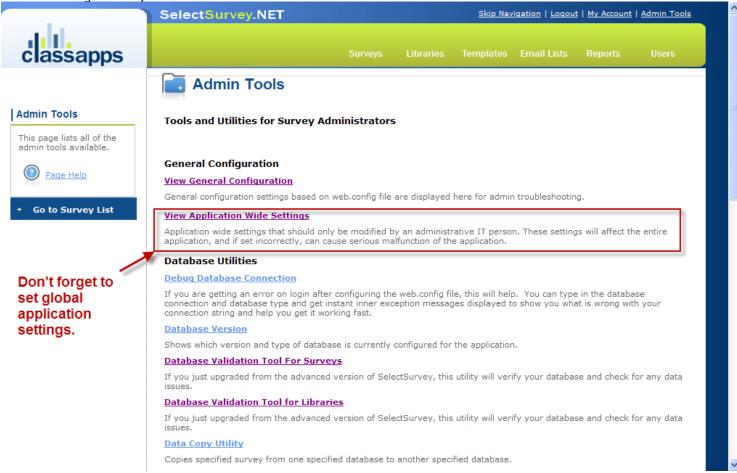
6. Open the page in the browser "DebugDatabaseConnection.aspx" and test the database connection string. Copy the database connection string from the web.config file: "SURVEY_APP_CONNECTION" into the textbox provided. Click "test connection" and "test permissions" to ensure your database settings are correct before continuing.

Configure Application Wide Settings

7. Login to the application with a browser to set other global application settings to test configuration using "admin/admin" as username and password. By default, the application has a single user entered in the SUR_USER table. The username for this default user is "admin" and the password is also "admin." This account has been granted full administrative rights to the entire application, and should not be deleted. Use this username/password to log into the application the first time. Once logged in as "admin," or if logged in as any account with "admin" level permissions, you can create other user accounts.



Use this login to make the global application settings below. Click the "admin tools" white text link in the upper right corner of the application to get to the page in the below screenshot. Click "View Application Wide Settings", on this page you can view and edit those settings. (Note: These settings were previously in the web.config in earlier versions of the application and have since been moved into the database for easier management.)



8. Edit and Save global application settings in the admin tools "View Application Wide Settings" page. Follow the information on that page above each field for a description of what that setting is for.



REQUIRED: CUSTOMER ID must be in the customer ID field or you will see a "15 day trial" message.

🖉 Admin Configuration - Windo	vs Internet Explorer		
💽 🗸 🖉 http://localhost/Sele	ctSurveyNet3/ApplicationSettings.aspx	V 4 Live Search	v
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools	Help		🗞 -
🚖 🏟 🌈 Admin Configuration		🟠 👻 📾 👻 🖶 Page 🕶 🎯 Tg	ols + »
	SelectSurvey.NET	Skip Navigation Logout My Account Admin Tools	^
classapps	Surveys	Libraries Templates Email Lists Reports Users	
	General Configuration		
<text><text><image/><text></text></text></text>	are unsure on the settings email tech@classapps.com or in Survey Application Display Date Format Default is "1". This determines how dates are displayed in 1 USA (mm/dd/yyyy) Server Date Format Default is "1". This determines how dates are stored in the 1 USA (mm/dd/yyyy) Date Delimiter Default is "/". Select the date delimiter that will be used for database. If unsure, select "/". / Globalization Language Code Default is "en". Select the primary language of the admin admin area. Note that the take survey pages have the language on the take survey pages. en English Globalization LCID Default is "1033". Select the locale for the admin area wh any timed functions in the application. English - United States Force Date Conversion Default is "false". This is only used in the rare circumstant setting forces the month day to be swapped before insert false Default Anonymous User	MIN IT person that is responsible for installing the application. If you refer to the installation manual. In the Admin interface, despite how they are stored in the database. The server database, despite how they are dsiplayed in the Admin area. For display in the admin area. This value must match the format in the in area that will be used as the html language setting on each page in the nguage that you select on the survey options page that over-rides this which is also used for the datetime settings for scheduling email sending or index, even if the database format and server format are the same.	
Done		😌 Local intranet 🔍 100	% ▼ _;;

Configure Permissions for File upload and JS on Server.

- 9. **Additional web server configuration.** If you are installing the application on Windows 2003, you must make the following change:
 - a) By default, Windows 2003 locks down most file extensions, except for certain types of files. This is different than previous versions of Microsoft operating systems. The survey application contains a number of JavaScript routines, all of which are in a file with a .js extension. To enable the .js file type,





you simply edit the MIME types either at the Global IIS level or the individual site or virtual directory level. Add the .js as an application/x-javascript type, and everything should work fine. If your application is hosted with an ISP, simply ask them to enable files with a .js extension, and they will readily understand the request and how to respond to it.

10. **Configure server for file upload**. Configure for maximum file upload if you are using the "file upload" feature of the "presentation image" question type which allows survey creators to upload images to the "UploadedImages" folder on the web server to be referenced in their surveys. Follow the below steps for setting permissions on the UploadedImages folder and configuring the web.config to set the file size limitations.

Set permissions on the folder: In order for the survey creator to upload an image from their local workstation to the web server, the UploadedImages folder must have proper write permissions. You can also change the location of this folder by setting the web.config parameter:

<!-- IMAGE UPLOAD FOLDER FOR SURVEY TEMPLATES AND EMAIL MESSAGES FOR IMAGE UPLOAD FROM HTML RICH TEXT BOX

this folder must have correct permissions to allow image upload.
reference article:
http://aspalliance.com/336_Upload_Files_Using_ASPNET_Impersonation_and_UNC_Share.all -->
 <add key="IMAGE UPLOAD FOLDER" value="~/UploadedImages"/>

First, right-click on the folder where the ASP.NET files should be uploaded and select Properties from the provided menu. The Properties dialog for the selected folder opens. Click the Security tab to make sure the ASP.NET Machine Account is included in the list and has the proper permissions to write to disk. If it is enabled, you see something similar to what is presented in Figure 2.



loads Properties		3
ieneral Sharing Security We	b Sharing Custom	nize
Group or user names:		
🖸 Administrator (REUTERS-E	VJEN\Administrator)
Administrators (REUTERS- CREATOR OWNER	EVJEN <mark>\</mark> Administrato	ors)
SYSTEM		
Users (REUTERS-EVJEN	Users)	
	A <u>d</u> d	Remove
Permissions for Administrator	Allow	Deny
Full Control		
Modify		
Read & Execute		
List Folder Contents		
Read		
Write		
For special permissions or for adv click Advanced.	anced settings,	Ad <u>v</u> anced
ОК	Cancel	Apply

Figure 2 (IIS 6)



Permissions for UploadedImag	es	-	X
Security			_
Object name: C:\inetpub\www.r	oot\SelectSurvey	NET3\Uploaded	(
Group or user names:			
👗 ASP.NET Machine Account (SHERYL-PC\ASI	PNET) 🔺	
SCREATOR OWNER		=	
SYSTEM .		-	
Administrators (Sheryl-PC\Adm	ninistrators)		
Users (Sheryl-PC\Users)		T	
•		- · · ·	
	A <u>d</u> d	Remove	
Permissions for ASP.NET			
Machine Account	Allow	Deny	.
Read & execute	V	· ·	
List folder contents	\checkmark		
Read	\checkmark	=	
Write	\checkmark		
Special permissions			
Learn about access control and pe	missions		
ОК	Cancel	Apply	

Figure 2 (IIS 7)

If you don't see the ASP.NET Machine Account in the list of users allowed to access the folder, add ASP.NET by clicking the Add button and entering ASPNET (without the period) in the text area provided (see Figure 3).

Select Users or Groups	28
Select this object type:	
Users, Groups, or Built-in security	principals Qbject Types
From this location:	
REUTERS-EVJEN	Locations
Enter the object names to select (aspnet	<u>examples):</u> <u>Check Names</u>
Advanced	OK Cancel

Figure 3 (IIS 6)



? ×
Object Types
Locations
Check Names
Cancel

Figure 3 (IIS 7)

Click OK, and you can then click the appropriate check boxes to provide the permissions needed for your application.

Set maximum file size in admin tools "application wide settings": Login as admin into the survey application with the browser. Click "admin tools". Click "View Application wide settings". Maximum file size setting is on this page along with all the other application wide settings.

Set file size limitation in the Web.Config file:

Note that any size of 4MB requires the below setting in web.config to also be changed since ASP.NET default file upload limit is 4MB. Set the maxRequestLength to the KB size limit you desire (20000 is approx 20MB). If you are setting to a large value, you must also raise the executionTimeout setting, which is in seconds, or it will timeout before the file is uploaded, causing an error on the server.

```
<httpRuntime executionTimeout="90" maxRequestLength="20000"
useFullyQualifiedRedirectUrl="false" requestLengthDiskThreshold="8192"/>
```

If you continue to get an error on uploading files over 4MB after changing the above setting, then you may need to also update the machine.config and web.config.comments file in the folder: C:\WINDOWS\Microsoft.NET\Framework\v3.5.50727\CONFIG

Support

Go online to <u>http://www.classapps.com/support.asp</u> to the support page, where you can fill out a support ticket and find contact information.



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Appendix A: Application Pooling

Platform: IIS6.0 with Windows Server 2003

Symptoms: Session timeout and session loss even when user is active.

Cause: Microsoft introduced several new features into Windows 2003/IIS6 web server that affect how sessions and application pools are handled. Most web hosting companies host multiple websites in the same application pool. When resources are maxed out for an application pool IIS 6 starts to recycle these sites causing application variables to be lost for those recycled sites.

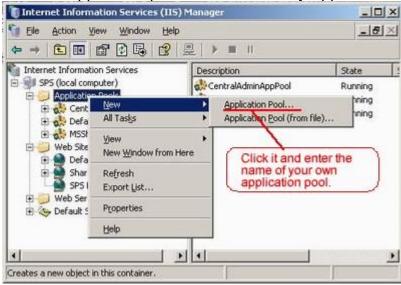
Solution:

If you are experiencing application/session loss symptoms then we would recommend asking your web hosting company to place you in your own application pool with all recycling options disabled and the recycle worker process set to recycle only once during the day at a set time.

Below are the instructions to do this:

Step 1:

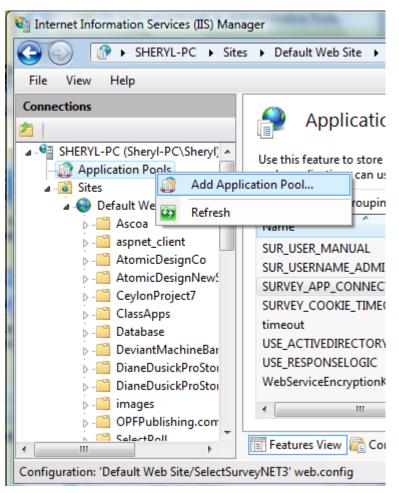
Add new application pool for Select Survey Application.



(IIS 6)



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(IIS 7)





Step 2:

Choose your own application pool in the web site properties.

asp Properties		
ectory Documents	Directory Security HTTP Headers	Custom Errors
The second second	s resource should come from:	
	The designated directory	
	C A share located on another compute	έ.
	A redirection to a URL	
	HIGH COULD S BIE	
Logal path:	Jowaasp	
Script source ad	cess 🔽 Log visits	
₩ Read	Index this res	ource
☐ Write	Choose the app	licaiton pool you
C Directory brows	ing created before.	
Application settings	1	
Application name:	owaasp	Remove
Starting point:	<default site="" web=""> Jowaa</default>	
Scarcing point:	<pre> cberauk web ske (owaa</pre>	Configuration
Execute germission	s: Scripts only	•
Application pool:	A A A A A A A A A A A A A A A A A A A	• Unjoad

Done. (IIS 6)



A	dva	nced	l Settings	2 S
	Ξ	(Ge	neral)	
		Application Pool		DefaultAppPool
	Physical Path		sical Path	C:\inetpub\wwwroot\SelectSurveyNE
		Physical Path Credentials		
		-	sical Path Credentials Logon 1	
				/SelectSurveyNET3
		Beľ Ena	Select Application Pool	? <u>×</u>
		LIIG	Application pool:	
			DefaultAppPool	
			DefaultAppPool	
			ASP.NET 1.1	
			Classic .NET AppPool SelectSurveyAppPool	
			Pipeline mode: Integrate	d
1				OK Cancel
	A	pplic	ation Pool	
				plication to run in the specified
	ap	pplic	ation pool.	
				OK Cancel
		-		

(IIS 7)

Appendix B: Notes for different culture/globalization settings

The provided application wide settings date format settings allow you to run the application even if your web server is a different language than your database server.

Click "admin tools" then "application wide settings".

How to tell what language SQL is running under: Right click on the (local) SQL Server icon in enterprise manager and click "properties". You will see a dialog box pop up similar to the below screenshot:



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SQL Server Properties (Configure) - (local)
General Memory Processor Security Connections Server Settings Database Settings Replication
Default language Default language for user: English
Server behavior Allow modifications to be made directly to the system catalogs Allow triggers to be fired which fire other triggers (nested triggers)
Use query governor to prevent queries exceeding specified cost:
SQL Mail Start mail session using profile: Cha <u>ng</u> e
Two digit year support When a two-digit year is entered, interpret it as a year between:
1950 and 2049
OK Cancel Help

The default language here is how you determine how to set the "SERVER_DATE_FORMAT" value in the admin tools application wide settings. The above screenshot shows the server as value="1" for the web.config.

If you need to work beyond the settings provided in the application, please note there are other settings in the machine.config when you install the .net framework and notes for these settings are below:

In order to display different languages and formatting for different parts of the world, there is a section in the machine.config on the web server as well as in the web.config file which contain settings for this.

1. Machine.config may be found on the web server in a directory similar to the following: C:\WINDOWS\Microsoft.NET\Framework\v3.5\CONFIG\machine.config





search for the section "globalization Attributes" in the machine.config file that looks like the below and set the values for your country (they should be set as default when the framework is installed to your locale): globalization Attributes:

requestEncoding="[Encoding value]" - Encoding to use for request

responseEncoding="[Encoding value]" - Encoding to use for response

fileEncoding="[Encoding value]" - Encoding to use for files

culture="[Culture]" - default Thread.CurrentCulture

uiCulture="[Culture]" - default Thread.CurrentUICulture

 Web.config may be found in the web site root folder for SelectSurveyNET, edit the web.config to match your country language and culture:
 <!--set culture to match datetime format you want for example "en-GB" is English Great Britain format -->

<globalization requestEncoding="utf-8" responseEncoding="utf-8" culture="en-GB" />

Appendix C: Integrating with Active Directory

This application has extra pages coded to work with active directory integration.

There are two modes for Active Directory:

- **NTLM Passthrough:** Application picks up logon_user identity from IE browser and the login screen is bypassed.
- Active Directory Login: Application shows the login page and user enters their network login as their survey login.

Each time a user logs in with their network Active Directory login, their data is imported or updated into the survey application (nothing is every updated in Active Directory), therefore it is synched at every login (survey roles and survey related info is maintained through the synchs) and no import of data is necessary. No Active Directory passwords are stored in the survey application or its database. If no Active Directory data exists for survey required fields such as email address, an administrator must fill those in within the survey application in the user edit page. These values will not be over-written by the synch if they remain empty in Active Directory.

The following pages are different or only used for active directory integration:

- Web_ActiveDirectory.config
- LoginActiveDirectory.aspx/cs





- Other pages may be disabled or coded to behave differently:
 - forgot my password (disabled)
 - o user edit
 - o user add
 - o user registration (disabled)
 - o user buttons in the app
 - o edit my account

Step 1:

Login to admin tools with non AD login (default admin/admin) click "admin tools".

Click "Application wide settings"

Select "yes" from the drop down box next to "Use ActiveDirectory for login"

Click "Save"

Logout and delete cookies so that the next time you login it will use your AD login.

Rename web.config to web.config_default

Rename web_ActiveDirectory.config to web.config

Edit the web.config to contain your active directory settings.

<!--ACTIVE DIRECTORY SETTINGS (CASE SENSITIVE!) -->

```
<!--Prepulate domain text box on login page? yes/no -->
<add key="POPULATE_DOMAIN_TXTBOX" value="yes" />
<add key="Domain" value="MyDomain.com" />
```

```
<!--the below allows login with UPN. acceptable values are yes/no default is no--> <!--setting to yes will hide domain text box and you must use domain email address for login --> <add key="USE_AD_UPN_LOGIN" value="no" />
```

<!--setting to turn on display of debug info on the login page to assist with setting up AD
integration (TURN THIS OFF WHEN YOU ARE DONE!)-->





<!--If NTLM passthrough is activated the identity will be picked up by the browser (IE only) and the
user will never see the login page. They will be automatically logged in wtih their network identity
username in which all their survey activity will be stored. -->

<!-- valid values are "yes" and "no" -->

```
<add key="USE_NTLM_PASSTHROUGH_AUTHENTICATION" value="yes"/>
```

<!-- required for NTLM passthrough to work otherwise regular AD login will show -->
<add key="FORCE_NTLM_PASSTHROUGH_AUTHENTICATION" value="yes"/>

<!-- the below setting is the user role that is assigned to all users that are automatically created
via AD login-->

<!-- valid values are "1" for user or "2" for create role or "3" for admin role with the default being
1 (user role) -->

<add key="DEFAULT_USER_ROLE_FOR_LOGIN_SYNCH" value="1"/>

<!--END OF ACTIVE DIRECTORY SETTINGS -->

Step 2:

Add one admin user to your database.

Make sure nulls are allowed in the sur_user.password field.

Open the sur_user table and add a row with the AD username and AD password for the admin user. Then open sur_user_to_role_mapping table and add role 3 for that user. (use the existing admin user that is already in both of these tables as an example but do not delete the admin user that is there) This is because the first time users login to the survey application with AD authentication, if the user is not already in the database, they will be set at the lowest permission level in the survey app which is "user" role, which they can only take surveys, not create them. So you need to set the one admin role so you can login with that to modify users that need admin or create roles later.

Open the sur_user table and make sure the "password" column allows null.

If this is not set you will get the error: Error: Field 'sur_user.user_password' cannot be a zero-length string when you attempt to login with AD.

Step 3:

Configure permissions on web folder in iis:





NOTE: FOR NTLM PASSTHROUGH feature, do not allow the anonymous account to be active in IIS for this website or NTLM will not function.

- 1. Right-click the application's virtual directory, and then click **Properties**.
- 2. Click the **Directory Security** tab, and then click the **Edit** button in the **Anonymous access and authentication control** group.
- 3. Select the **Anonymous access** check box and clear the **Allow IIS to control password** check box. **Note:** do not allow anonymous account to be active in IIS if you are using NTLM passthrough feature, or NTLM will not function.
- 4. Because the default anonymous account IUSR_MACHINE does not have permission to access Active Directory, create a new least privileged account and enter the account details in the **Authentication Methods** dialog box.
- 5. Click **OK**, and then click **OK** again to close the **Properties** dialog box.

	ous access ne/password required to acce	ss this resource.
Account use	ed for anonymous access:	
Jser name:	MyDomain\Administrator	Browse
Password:	•••••	
	Allow IIS to control pass	word
are required - ani	wing authentication methods, i when onymous access is disabled, o)r
for the follow are required - ani - aci	wing authentication methods, i when	or access control lists nain servers
For the follov are required - ani - aci Digest au	wing authentication methods, when onymous access is disabled, o cess is restricted using NTFS uthentication for Windows don thentication (password is sent	or access control lists nain servers
For the follow are required - an - aci Digest au Basic aut	wing authentication methods, when onymous access is disabled, o cess is restricted using NTFS uthentication for Windows don thentication (password is sent	or access control lists nain servers in clear text)

Note: Do NOT check "Anonymous Access" if you are using NTLM.

(IIS 6)



File View Help	Edit Application	8 23
Connections Connections SelectPollPreCom SelectSurvey_Proje	Site name: Default Web Site Path: /	
 SelectSurveyASPvi SelectSurveyMaya SelectSurveyNET1 SelectSurveyNET2 	Alias: Application pool: SelectSurveyNET3 DefaultAppPool Example: sales Example: sales	Select
 SelectSurveyNET2 SelectSurveyNET2 SelectSurveyNET3 SelectSurveyNET3 	Physical path: C:\inetpub\wwwroot\SelectSurveyNET3	
 ▷ - □ App_Code ▷ - □ App_Data ▷ - □ App_GlobalRes 	Connect as Test Settings	
Connect As Path credentials: Specific user:	OK	Cancel
 Application user (p 	ass-through authentication)	

(IIS 7)

Step 4:

Test.

How the Active Directory Integration behaves:

When user logs in, their active directory info is automatically added to the sur_user table as the lowest role user (can take surveys).



This means there is no import necessary and nothing else required to synch the data between Active Directory and the survey app.

Each time the user logs in, the data is synched from the Active Directory data to the survey tables except for survey specific properties like survey role.

When survey role (user/create/admin) is edited in the survey app this will stay until edited from within the survey app.

User edit/delete in survey app does not edit or delete user in Active Directory.

Browser NTLM Configuration: IE Browser

IE:

- 1) from IE browser select Tools menu, choose "Internet Options"
- 2) click the security tab
- 3) select the local intranet icon
- 4) click the "Sites" button
- 5) click the "Advanced " button
- 6) add your selectsurvey installation URL to the local intranet zone.
- 7) click the add button then click ok.

Internet Explorer Local Machine Trusted Sites Setup

So you may not have a domain, with an Active Directory Server to do your bidding. Don't worry though, as this is just as easy to

setup on your local machine. If you're on a domain, you'll need to complete the following on your active directory server before

skipping to the next section anyway.

1. Open IE on your local computer and open **TOOLS > INTERNET OPTIONS**, then choose the Security tab up the top.





2. Click on the 'Local Intranet' icon, and then click the Sites button to open the list of Trusted Sites for the Intranet zone.



3. If you're in IE 6-7 This will simply open the list, If you're in IE 8 it will show the window below. Click Advanced.

Local intranet Use the settings below to define which websites are included in the local intranet zone.					
Automatically <u>detect</u> intranet network Include all local (intranet) sites not listed in other zones					
Include all sites that bypass the proxy server					
Include all network paths (UNCs) What are intranet settings? Advanced OK Cancel					

4. If your site ASP.Net, SharePoint or TFS site is not on an HTTPS connection (*I'm assuming it isn't*) un-tick the box marked

"Require secure connection", and then enter your site's address in the box. Then click Add. Do this for every site you



want to have automatic sign-on for and then click close				
Local intranet	×			
You can add and remove websites from this zor this zone will use the zone's security settings.	ne. All websites in			
Add this website to the zone:				
http://www.diaryofaninja.com	Add			
Websites:				
Require server verification (https:) for all sites in this	Remove			
	Close			

5. Now back at the main settings screen, make sure the intranet zone is still selected and click the custom level button. On

the next screen scroll right to the bottom and make sure that under User Authentication > Logon, that the option

Automatic Logon, only in Intranet Zone is selected.
& User Authentication
& Logon
Anonymous logon
Automatic logon only in Intranet zone
Automatic logon with current user name and password
Prompt for user name and password
< >
*Takes effect after you restart Internet Explorer
Reset custom settings
Reset to: Medium-low (default)
OK Cancel
Close by clicking OK, and you're done!



Internet Explorer Domain Group Policy Trusted Sites Setup

If you're on a domain, and want to allow all your users to have automatic sign-on, Group Policy is your friend. If you don't you're already done.

- Login to your Active Directory Domain Controller, using a domain admin account, and perform the steps listed above to setup the local Internet Explorer settings on the server. You will want to repeat the following for two separate policies. One with Enhanced Security Configuration turned on, and one with it turned off, so that you can support workstations with both configuration.
- 2. To turn off Internet Explorer Enhanced Security Configuration on a Windows 2008 server do the following. Open up

Server manager, scroll down to Security Configuration and click the link that says Configure IE ESC

Security Information	ion	Go to Windows Firewall
Windows Firewall:	On	Configure Updates
Windows Updates:	Install updates automatically using a managed updating service	*7 Check for New Roles
		Configure IE ESC

3. Turn it off for Administrators and close the window

hternet Explorer Enhanced Secur	ity Co
Internet Explorer Enhanced Security C exposure of your server to potential a	
Internet Explorer Enhanced Security C default for Administrators and Users g	
<u>A</u> dministrators:	
🧭 🔘 On (Recommended)	
😵 💿 õff	
<u>⊔</u> sers:	
🧭 🔘 On (Recommended)	
😵 💿 Off	

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- 4. Open up Group Policy Management
- 5. Right-click your domain name (or whichever OU contains the users you wish to apply this to), and create a new Policy by

clicking "Create a GPO in this domain, and link it here". Give your new policy a name (preferably better than mine)

New GPO	×
Name:	
Oober Cool Automatic Logon for my sites!	
Source Starter GPO:	
(none)	•
0	K Cancel

- 6. Right click on your newly created policy and select Edit
- 7. Open down to User Configuration > Policies > Windows Settings > Internet Explorer Maintenance > Security >

Security Zones and Content Ratings

8. Select "Import the current security zones and privacy settings"

ecurity and Privacy Settings	
You can customize the settings of each security zone as well as cust settings must be made through the Modify Settings button below. For	
Security Zones and Privacy	
C Do not customize security zones and privacy	
Import the current security gones and privacy settings	Modify Settings
Content ratings allow you to prevent users from viewing sites with ri	sky content. Ratings are set on a per-
basis and are rated by the author for degrees of risky language, nu	
Content Ratings	
basis and are rated by the author for degrees of risky language, nu	
Content Ratings © Do not customize Content Ratings	dity, and violence.

9. When you select this option you will probably receive a warning about 'Internet Explorer Enhanced Security

Configuration'.



ternet Explore	Enhanced Security (Configuration	×	
have the Internet	Explorer Enhanced Sec vill be ignored on machin	re compatible with computer: urity Configuration enabled. 1 es where the enhanced sec	hese	
To import settings enabled, click Co		anced security configuration	isn't	
	urity configuration and in	ity configuration, click Cance mport the enhanced security		
		omputer in both scenarios, co d deploy both packages to th		
	(<u>C</u> ontinue)	Cancel		

Enhanced security turned on. Click Continue.

10. Close all open windows.

The changes will take time to replicate through your AD topology, depending on your setup. You may see the changes take effect

within 15 mins to an hour. If you have a Multi-site AD setup it may take a day or two.

Browser NTLM Configuration: Firefox Browser

Firefox:

About > Config network.automatic-ntlm-auth.trusted-urls Value: SurveyServername





1. Open FireFox and type about:config in the address bar. Click I'll be careful, I promise! to the warning and you'll open

the FireFox advanced configuration page.

This might void your warranty!
Changing these advanced settings can be harmful to the stability, security, and performance of this application. You should only continue if you are sure of what you are doing.
Show this warning next time
I'll be careful, I promise!

- 2. Search for **ntlm** by typing it into the filter box.
- 3. Select the option network.ntlm.send-lm-response and double click it to toggle it to on

<u>F</u> ilter:	ntim					
Prefere	ence Name 🔺	Status	Туре	Value		
networ	k.auth.force-generic-ntlm k.automatic-ntlm-auth.allow-proxies k.automatic-ntlm-auth.trusted-uris	default		false true		
networ	k.ntlm.send-lm-response	default	boolean	false		

4. Next double click the item marked **network.automatic-ntlm-auth.trusted-uris** in the next box enter each URL of your

sites seperated by a comma – click OK

Ent	ter string value								
	network.automatic-ntlm-auth.trusted-uris								
	http://www.diaryofaninja.com, http://diaryofaninja.								
	OK Cancel								
	e the tab and you're done!								

FireFox Domain Group Policy Trusted Sites Setup



Firefox is Mozilla's beast, and therefore what they say and do goes in the world of FireFox. Sadly this means that there is no clear

cut way to setup group policy's for FireFox.

Click the link to go to the selectsurvey login.aspx page and the page will never show you will automatically be logged in and forwarded to the survey list page, or if a user, to the survey.

Mapping AD User Fields to SUR_USER Survey User Fields

SelectSurvey.NET has a built in capability of mapping custom fields from AD to the Survey User. To access this feature, login as admin user, then click "Admin Tools", "ActiveDirectory User Map". See the screenshots below for an idea of the fields that you can map between AD and Survey.

				- • ×
C SecretAdminTools.aspx	P-⊠c×	admin Tools 🦉	×	n ★ ⊅
x		🗙 🛄 Sna	git 🧮 🛃	x 👫
🔶 🔊 Claud and Administration 🥅 Claudia D. Denduntions 🍘 Dunnille Main Dens 🔽 Claused al Claus — 🗍 dendu and Misserrade Du	🔊 haan alaan		- <u> </u>	
👍 🖉 ClassApps Administration 🗔 Studio D Productions 🔝 Bugzilla Main Page 🔽 Suggested Sites 👻 🏄 dashboards Microsoft Dy	Controclass	apps 🧧 selectsurvey (2	с) 🧧 Лоот	_
Forgot Password Page Text Survey Login Text User Registration Text				
Debug International Date Formats				
Having trouble getting dates and times to display correctly in the application and store corr which will help you to correctly set parameters in your web.config file for your language.	ectly in the data	base? This page has a	a form	
Survey Utilities				
Unlock Surveys				
If a user has locked a survey for editing (on the modify survey page a message stating the and the user is not available to unlock it, you can force an unlock on this page. 30 minutes survey should automatically unlock the survey. However if you need it unlocked immediate	of inactivity by t	the person that has loo		
Kiosk Admin				
Configure or activate Kiosk Home Page (for exhibitions or kiosk type applications)				
XML Generator Admin				
Configure survey for XML generation and data replacement for Crystal XCelsius Dashboard	d reporting tool.			
View Uploaded Images/Files Upload Image/File				
Management of files uploaded by survey respondents if the "upload file" question type was	used on a surve	ey.		
Activate / De-Activate Question Types				
De-activating a question type will prevent it from displaying in the drop down box to add it	to a survey.			
ActiveDirectory User Group Map				
Map fields from ActiveDirectory to Survey.				
				:
, it				
classapps		1		
http://localhost/SelectSurveyNET-TRUNK/src/AdminADUserMap.aspx				



	SelectSurvey.NET	Skip Navigation Logout Admin Tools								
add da										
classapps	Surveys Polls	Touch Libra	aries Temp	lates Email Lists	Reports	Users				
ActiveDirectory User Property Mapping	ActiveDirectory User Property Mapping									
This page allows activating or de-activating question types from being added to a survey.										
+ Go to Survey List	Username (sur_user.username) Username (sur_user.username) Register Date (sur_user.register_date) User Password (sur_user.password) Password Hint (sur_user.password_hint)	HttpContext.Current.User.Identity.Name (Default NTLM setting) Request.ServerVariables["LOGON_USER"] (Default NTLM setting if 1st returns null) n/a (User registration feature is not used with AD) n/a (User password is not stored with AD integration) n/a (Password hint is not used with AD integration)								
	First Name (sur_user.first_name) Last Name (sur_user.last_name)	givenName sn		ch.PropertiesToLoad.A		")				
	Email Address (sur_user.email_address) Current Position (sur_user.current_position)	mail Title	searc	search.PropertiesToLoad.Add("mail") search.PropertiesToLoad.Add("company")						
	Company (sur_user.company)	company	searc							
	Location (sur_user.location) Custom Data 1 (sur_user.custom_data_1)	StreetAddress search.		h.PropertiesToLoad.Add("StreetAddress")						
	Custom Data 2 (sur_user.custom_data_2) Custom Data 3 (sur_user.custom_data_3)									
	Active YN (sur_user.active_yn) User Title (sur_user.user_title)	n/a (Not used with AD integration)								
	Company Head (sur_user.company_head) Department (sur_user.department)	department	searc	ch.PropertiesToLoad.A	dd("departmen	t")				
	Address 1 (sur_user.address_1) Address 2 (sur_user.address_2)	StreetAddress	searc	ch.PropertiesToLoad.A	dd("StreetAddr	ess")				
	Zip Code (sur_user.zip_code) City (sur_user.city)	postalCode	searc	ch.PropertiesToLoad.A	dd("postalCode	;")				
	State (sur_user.state)	st	searc	ch.PropertiesToLoad.A	dd("st")					
	Country (sur_user.country) Business Phone 1 (sur_user.business_phone_1)	telephoneNumber	r searc	ch.PropertiesToLoad.A	dd("telephoneN	lumber")				
	Business Phone 2 (sur_user.business_phone_2) Business Fax (sur_user.business_fax)									
	Mobile Phone (sur_user.mobile_phone) Active Until (sur_user.active_until) Force Password Change (sur_user.force_password_change)	mobile search.PropertiesToLoad.Add("mobile") n/a (not used by AD integration) n/a (not used by AD integration) Save Mappings								
	Other Available Properties:									

search.PropertiesToLoad.Add("manager") search.PropertiesToLoad.Add("homephone") search.PropertiesToLoad.Add("url")

List of all properties in your domain:

ОК

^



Appendix D: Common Errors/Solutions

Below are some common errors and how to resolve them.

There is a variable in web.config "Show admin tools" yes/no. When this is set to yes, a tool icon will display in the upper right corner of application when logged in as admin user. Click the tool icon, then there is a variety of admin tools to help with install and configuration.

Error: Ambiguous match found.

Solution: You are using the wrong version of the .net framework, right click the web site folder in iis and check on the .net framework tab to make sure it is pointing to the correct version 3.5 of the .net framework.

Error: Database error.

Solution: Go to debugdatabaseconnection.aspx in the application and paste in your connection string, the error will tell you how to fix it. If you are using SQL 2005 Express, by default it does not allow remote connections (see SQL express help on how to configure). If the app is running on a domain controller you will not be able to use integrated security SSPI in your SQL connection string, you will have to use the sql login in the connection string. Again use the debugdatabaseconnection.aspx for testing. If you are using integrated security SSPI, the asp.net account (or account it logs in with) must have permissions to the sql server.

Error: Object reference not set to an instance of an object.trace: at SelectSurveyNET.SurveyListPage.Page_Load

Solution 1: Make sure you have upgraded your database to add new columns. See releasenotes.txt in the upgrade zip file, check all database changes from version you were using, to new version.

Solution 2: If you are running the application on a sharepoint server, you need to add variables to the web.config so that login authentication will retain user.context.

Sharepoint variables: (add to system.web section in web.config.)

```
<trust level="Full" originUrl=""/>
<httpHandlers>
<add verb="*" path="*.aspx" type="System.Web.UI.PageHandlerFactory, System.Web,
Version=1.0.5000.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a" />
```

</httpHandlers>

<httpModules>

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<pages enableSessionState="true" enableViewState="true" enableViewStateMac="true"
validateRequest="false"/>

Appendix E: Preferred Hosting Providers

Hosting provider must allow control panel ability to add asp.net application folder. If they don't, then you will most likely have to create a support ticket to wait for them to add it for you.

The below hosting providers have asp.net permissions and asp.net application folders that you can configure through the control panel: (this is not a complete list)

Intermedia.net

Godaddy.com

Appendix F: Windows Sharepoint Services

Hosting the survey application on a server that has Microsoft Sharepoint Services installed will require some tweaking for security to work.

Sharepoint security will over-ride security to the Survey application (or any other 3rd party application) without following the below steps:

(The below is an excerpt from http://support.microsoft.com/kb/828810)

Add Sharepoint information to Select Survey web.config:

You'll have to both add an excluded path and clear out the HTTP handlers in





web.config. In your web.config file, add these directives immediately after

<system.web>.

Example 1: (default)

<!--SHAREPOINT START: DEFAULT SHAREPOINT ADDITIONS -->

```
<trust level="Full" originUrl=""/>
```

<httpHandlers>

```
<add verb="*" path="*.aspx" type="System.Web.UI.PageHandlerFactory, System.Web,
Version=1.0.5000.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a" />
```

</httpHandlers>

```
<pages enableSessionState="true" enableViewState="true" enableViewStateMac="true"
validateRequest="false"/>
```

<!--SHAREPOINT END -->

Here is another example of a more complicated sharepoint addition to the survey web.config (add directly under system.web section in web.config):

<add name="UrlAuthorization" type="System.Web.Security.UrlAuthorizationModule"/>

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<add name="FileAuthorization" type="System.Web.Security.FileAuthorizationModule"/>

</httpModules>

```
<pages enableSessionState="true" enableViewState="true" enableViewStateMac="true"
validateRequest="false"/>
```

<!--SHAREPOINT END -->

You can also find more information on google groups and the Microsoft support site.

Appendix G: Web Farm Configuration

SelectSurvey.NET can be configured for web farms or web gardens by following the instructions below to make a simple change to the web.config file. ASP.NET session state lets you share session data user-specific state values across all machines in your Web farm. Now a user can hit different servers in the web farm over multiple requests and still have full access to her session.

The default setting for session state in the SelectSurvey.NET web.config is "inProc" session state because its performance is faster than all the different types of session states. For SelectSurvey.NET to run without session errors on a web farm or web garden scenario, the session state must be changed from "inProc" to "StateServer" in the web.config as described below:

To configure an ASP.NET application to use **StateServer** mode, in the application's Web.config file do the following:

- Set the mode attribute of the sessionState element to StateServer.
- Set the stateConnectionString attribute to tcpip=serverName:42424.

The following example shows a configuration setting for **StateServer** mode where session state is stored on a remote computer named <code>SampleStateServer</code>:

```
<configuration>
<system.web>
<sessionState mode="StateServer"
stateConnectionString="tcpip=SampleStateServer:42424"
cookieless="false"
timeout="20"/>
</system.web>
</configuration>
```

Read the items below concerning proper setup of the servers on the webfarm.





StateServer

- In a web farm, make sure you have the same <machineKey> in all your web servers. See <u>KB</u> <u>313091</u> on how to do it.
- Also, make sure your objects are serializable. See <u>KB 312112</u> for details.
- For session state to be maintained across different web servers in the web farm, the Application Path of the website (For example \LM\W3SVC\2) in the IIS Metabase should be identical in all the web servers in the web farm. See <u>KB 325056</u> for details

Additional information on Microsoft.com:

More information can be found here: http://www.eggheadcafe.com/articles/20021016.asp

Web-Farm Session State ASP.NET session state lets you share session data user-specific state values across all machines in your Web farm. Now a user can hit different servers in the web farm over multiple requests and still have full access to her session.

http://msdn2.microsoft.com/en-us/library/ms178586.aspx

Appendix H: Single Sign on with SQL Membership Provider

SelectSurvey.NET provides integration with Single Sign on using MS SQL Membership Provider as an optional feature. Below are instructions for configuring the Single Sign on feature.

When the membership provider is activated, the application authenticates to the membership provider database, and then tries to find the user with the same "username" in the sur_user table in the survey database. If it finds it, the user is redirected into the survey list page.

The user enters their username and password into the survey login.aspx page, it authenticates to your membership provider database, then looks in the survey database for the matching user and redirects them into the survey list page (depending on the user's role level).r

The users in the survey database still need to synch with whatever single sign on you are using. You can either write a custom provider to do the synching or you can modify the source code of the survey application to add in the synching upon login if membership provider is used on the login.aspx.cs page the same way we wrote the synching for the AD/NTLM page LoginActiveDirectory.aspx.cs. Source code must be purchased to make this edit in the survey application side. If the synching happens from your custom provider, it can create the user directly in the database upon authentication.







1) Edit the web.config file section below:

<!-- If you are using the survey app in a single sign on environment, enter the details of the membership provider in the <membership> node further down in this file. -->

<add key="UseMembershipProvider" value="no" />

2) Edit the web.config section as follows: Incluede a <membership> configuration in the <system.web> section as shown:

<membership defaultProvider="SqlMembershipProvider">

<providers>

<add name="SqlMembershipProvider"

type="System.Web.Security.SqlMembershipProvider" connectionStringName="ASPNETDB" requiresUniqueEmail="true" maxInvalidPasswordAttempts="25" minRequiredPasswordLength="4" minRequiredNonalphanumericCharacters="0" requiresQuestionAndAnswer="false" applicationName="/SelectSurveyNET"/>

</providers>

</membership>

3) Configure a <connectionString> element with the name "ASPNETDB".

That is the connection string to the authentication database. It is required in addition to the connection string to the SelectSurvey.NET database. Below is a condensed version of what the web.config file should look like:

<?xml version="1.0" encoding="UTF-8"?>

<configuration>

<connectionStrings>

<add name="ASPNETDB" connectionString="Data Source=xxx.xxxx.xxxx;Initial Catalog=xxxxx;UID=xxxxxx;Password=xxxxx" providerName="System.Data.SqlClient" />







</connectionStrings>

<appSettings>

--all your app settings go in here. along with your existing SelectSurveyNET connection string

<add key="UseMembershipProvider" value="yes" />

<add key="SURVEY_APP_DB_DRIVER" value="OleDb" />

<add key="SURVEY_APP_CONNECTION" value="Provider=SQLNCLI;Data Source=xxx.xxxx.xxxx;Initial Catalog=SelectSurveyNET;UID=xxxxxx;Password=xxxxx" />

-- other settings...

</appSettings>

<system.web>

<membership defaultProvider="SqlMembershipProvider">

<providers>

<add name="SqlMembershipProvider"

type="System.Web.Security.SqlMembershipProvider" connectionStringName="ASPNETDB" requiresUniqueEmail="true" maxInvalidPasswordAttempts="25" minRequiredPasswordLength="4" minRequiredNonalphanumericCharacters="0" requiresQuestionAndAnswer="false" applicationName="/SelectSurveyNET"/>

</providers>

</membership>

</system.web>

