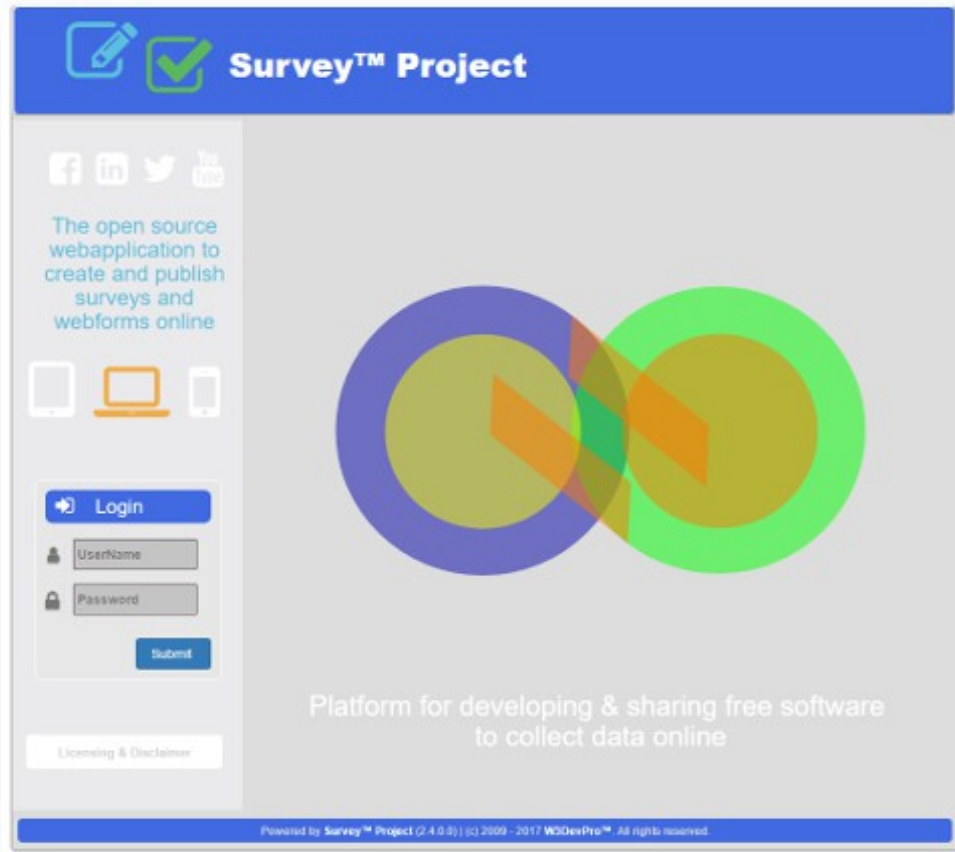


PLATFORM FOR DEVELOPING AND SHARING FREE SOFTWARE TO COLLECT DATA ONLINE



Installation Guide for the Survey™ Project Web Application

Survey™ Project Administrator Documentation

Author: W3DevPro™
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Date: 2017-07-16

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Introduction

This guide applies to the installation of the Survey™ Project v. 2.4 webapplication.

Survey™ Project is a free, open source webapplication to create, publish and administer surveys and webforms in an easy-to-use way without any restrictions or limitations on useage or features.

This guide is written for *administrators* who are authorised to install websites and databases on a server, PC or laptop.

The instructions are limited to the default installation of a new SP™ webapplication. More detailed information and instructions on other features or upgrade scenarios are available from help sources that are listed in the *Further Reading and Links* section.

The SP™ 2.4 webapplication is not designed to be used on mobile devices or tablets/ lpads: surveys and webforms can best be created on a PC or laptop. To answer and submit a survey other devices (mobile, tablet, pc etc) are supported as well.

Requirements

- 1- Windows OS, .NET 4.5, IIS webserver 7.5, Mssql Database 2012 or 2014, SMTP account
- 2- ASP Full Trust Level required in case of third party hosting
- 3- Administrator privilagees needed

If these conditions are not met contact the person or organisation responsible.

How to read and use this Guide

The quickest way to get started is to **follow the actions** in the order as described in this guide.

o **Actions** are written in the texboxes with a **BLUE** lining.

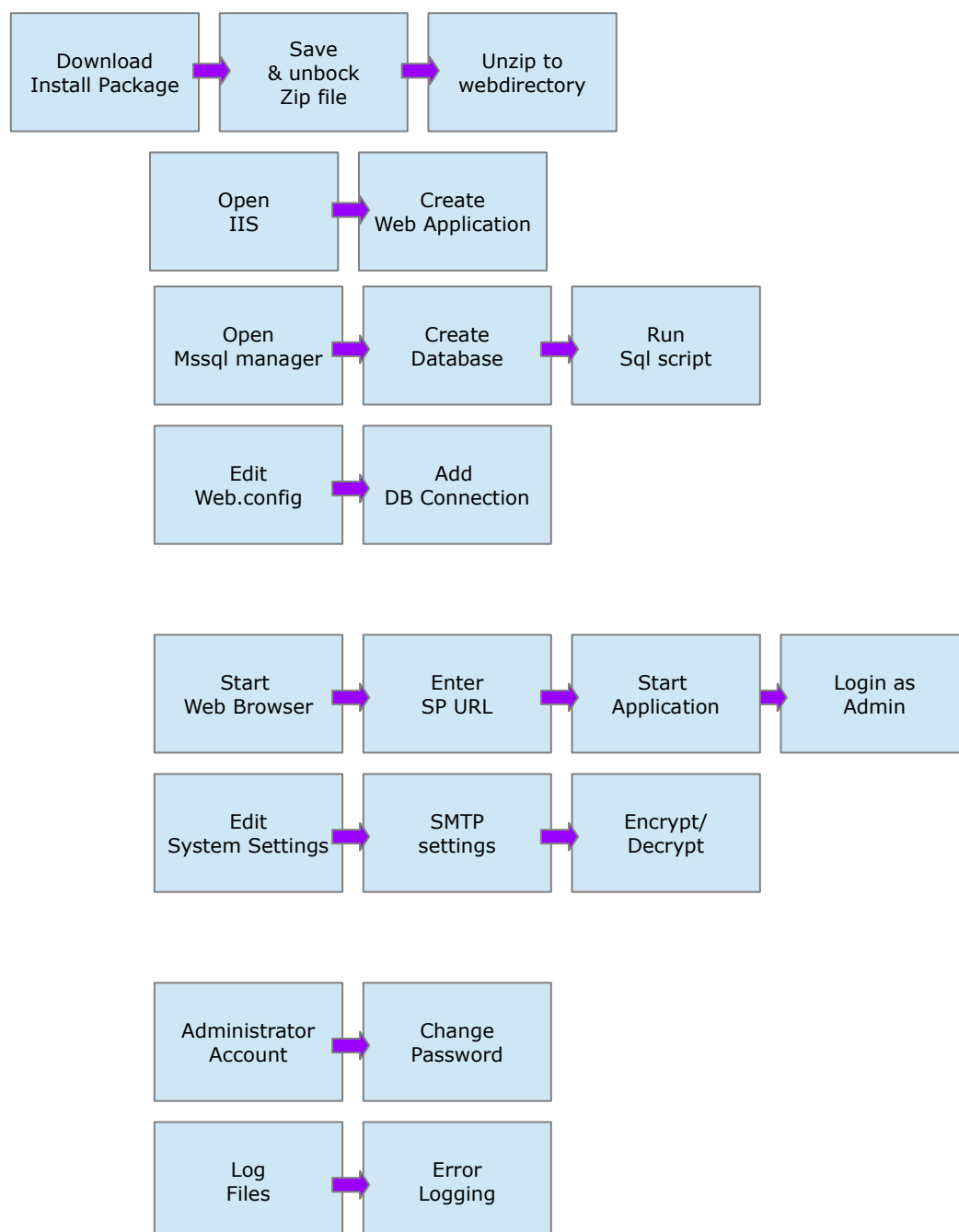
o **Screenprints** from SP™ v.2.4 are added to illustrate the intended action and result. Numbered **yellow** stars are added and referenced in the **Action** text to direct to the correct location.

o **Notes** indicating additional advise or warnings are written in separate (pastel) textboxes

o **General information** and comments are written as regular text in **black**.

FLOWCHART

1. Downloading the SP™ Install package
2. Create an IIS Webapplication
3. Create the Database and run the SQL script
4. Set the Database Connection
5. Start the webapplication & Login
6. System Settings & encryption
7. The Administrator Account
8. Logfiles and error logging




1. Downloading the Install Package


The latest release package of SP™ can be downloaded from the development site at Github. Source files are available from the same site.

Actions

1. Go to https://github.com/surveyproject/surveyproject_main_public/releases
2. Find the **Latest Release** [1] and download the zipped install files from the **Downloads** [2] section
3. Save the **Zip file** to a location on your computer to unpack
4. Right click the Zip file: open **Properties** and click the checkbox to '**unblock**' [3] the file and click **Apply**
5. Unzip the files to the **location** [4] of the file and webdirectory for SP

JS | https://github.com/surveyproject/surveyproject_main_public/releases/tag/v2.4

 Features Business Explore Marketplace Pricing



 [surveyproject](#) / [surveyproject_main_public](#)

[Code](#) [Issues 16](#) [Pull requests 1](#) [Projects 3](#) [Wiki](#) [Insights](#)


[Releases](#) [Tags](#)

1

Latest release

 v2.4
 baf497c

Survey™ Project v. 2.4

 w3devpro released this on Apr 27




SP™ 2.4 Final

Contains new features (15), bug fixes (9) and technical

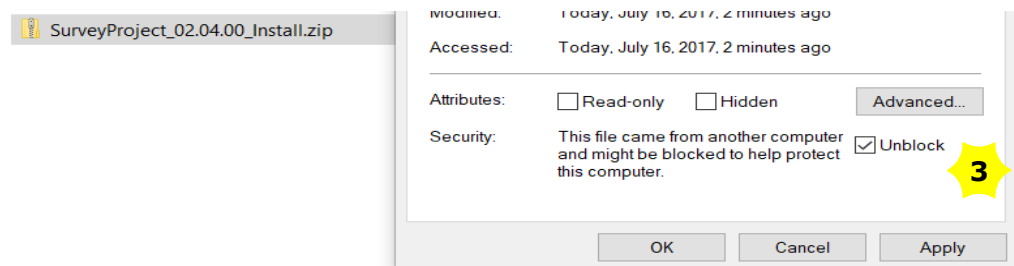
For a complete overview read the 'SP24_Features&Fixe
'_Instructions' directory.

1. Github webpage with SP Releases

Downloads

 SurveyProject_02.04.00_Install.zip	7.29 MB
 Source code (zip)	
 Source code (tar.gz)	

2. Downloads section of Latest SP Release



3. Zip file properties screen to Unblock

Extract Compressed (Zipped) Folders

Select a Destination and Extract Files

Files will be extracted to this folder:

D:\09_SurveyProject_Testing\SP24_Manual

4

Browse...

☐ Show extracted files when complete

4. Unzip SP files to file and webdirectory

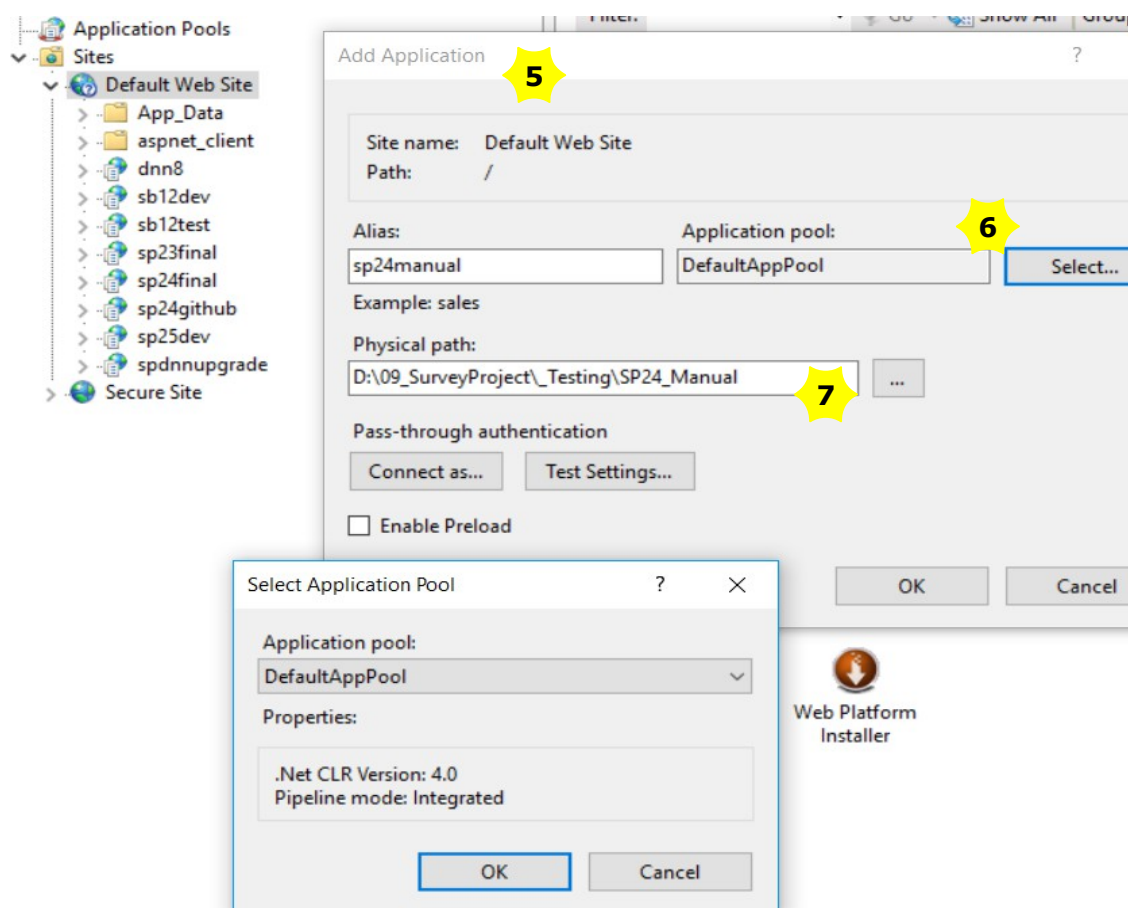
Note: In case making use of a (third party) hosting provider first download the files locally, unzip and unblock. Next upload (e.g. through FTP) the files to the proper directory on the webserver.

2. Create an IIS Webapplication

o In case of third party hosting different instructions may apply.

Actions

6. Open the **IIS Manager** to add a new **Application** [5] to the *Default Website*
7. Enter an **Alias** for the website,
8. Select the proper **Application pool** (including Pipeline Mode Integrated) [6]
9. Select/enter the file directory of the unzipped SP files as the **Physical Path** [7]
10. Click **OK** to save the results



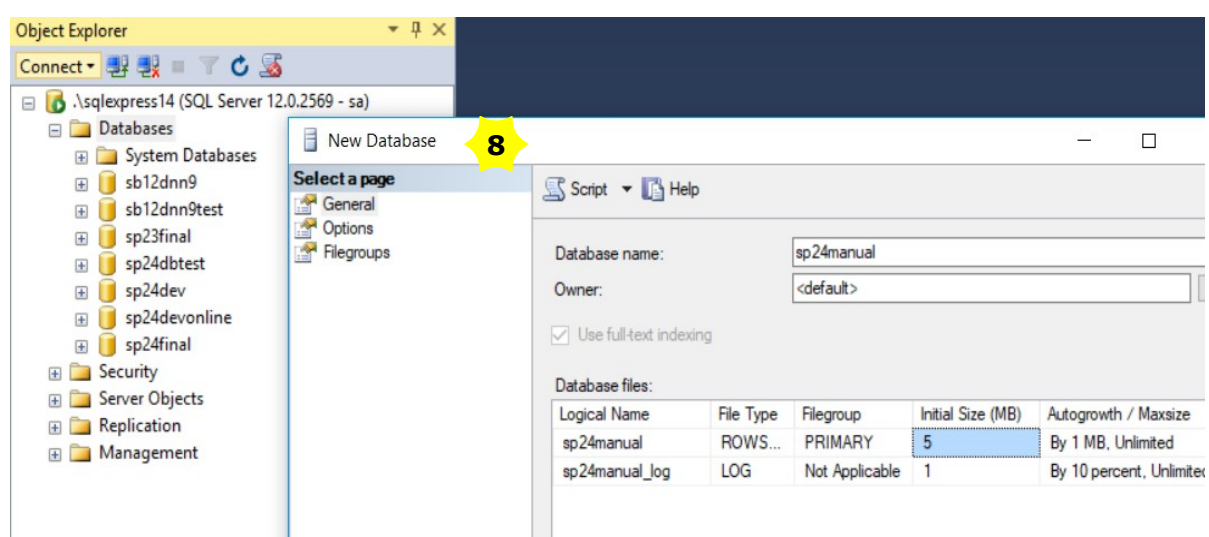
5. IIS manager to add new SP Application

Note: The Application Pool selected to run the Application should support the Pipeline mode: Integrated. Also .NET framework 4.5 must be installed. In IIS it will be called 4.0.

3. Create the MS Sql Database

Actions

11. Open **MS Sql server Management Studio**
12. Connect to a *server instance* to create a new **Database**
13. Click **Databases** and right click to open the menu for adding a **New Database** [8]
14. Enter a **Databasename**
15. Click **OK** to save the results and check the list of Databases for the new database



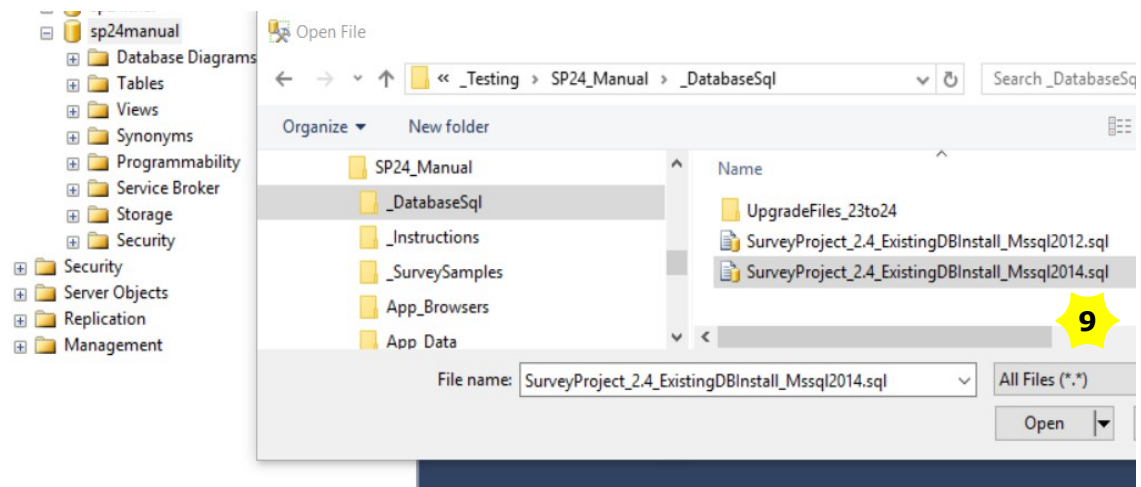
6. MsSql Server to create new SP Database

Note: The SP v2.4 webapplication requires a 2012 or 2014 Mssql database. Separate SQL installation scripts are available for 2012 and 2014 server instances. Use the 2014 script to run on 2016 or higher Mssql versions.

Default settings can be used to create the new database (e.g. Initial Size, Owner etc.). Depending on the further use of SP adjustments can be made afterwards (e.g. Recovery model: Simple to Full or larger files sizes).

Actions

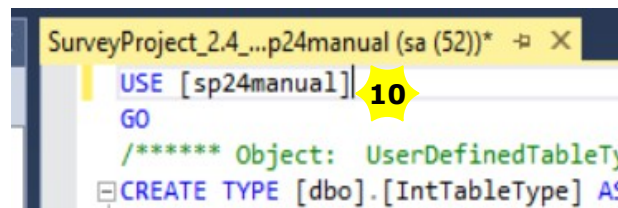
16. Select the newly created database
17. Go to menu **File – Open – File** and browse to the SP webfile directory **_DatabaseSql**
18. Select the correct **SQL file** (2012 or 2014) depending on the sql server version used [9]
19. Click **Open** to open the file in the **Query window**



7. Opening SP SQL file to run in Query window

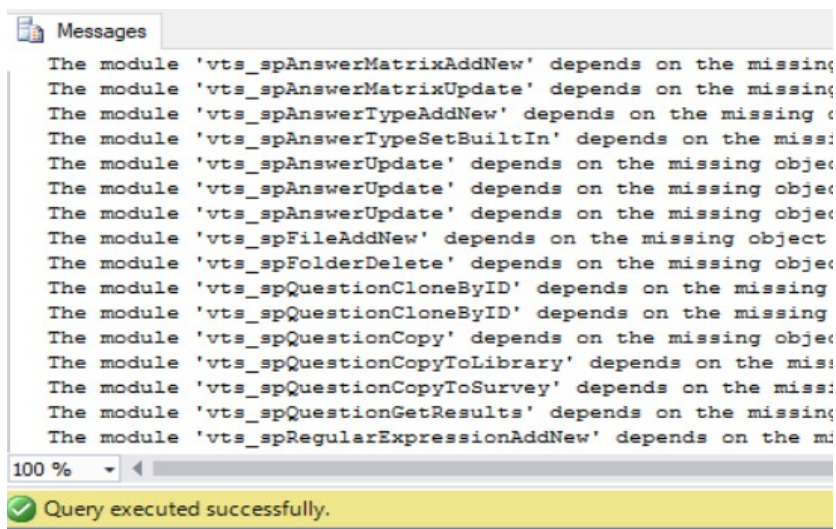
Actions

20. Go to the **Query window** to edit the Sql file
21. Change the db name: **USE [yourdatabasename]** to the **name of the newly created database [10]**
22. Click the **Execute** button (F5) to run the query and wait for **Query Executed Successfully** message



8. Edit SP Database name in SQL scripts

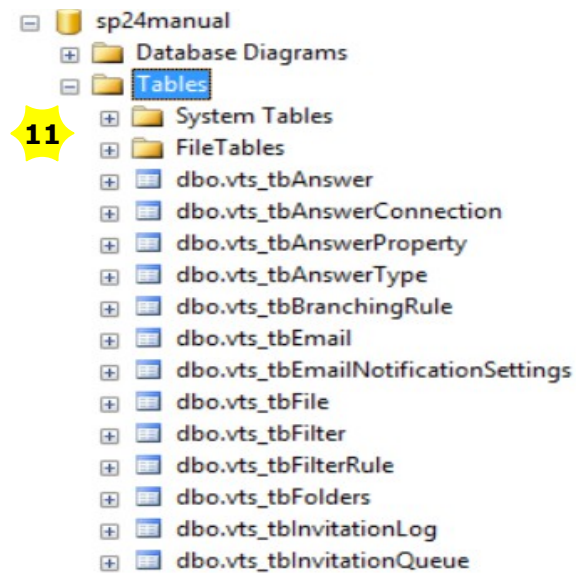
Note: The (warning) messages can be ignored unless in 'red' in which case remove DB and redo.



9. Results of running SQL Query including warnings

Actions

23. Check the SP database by clicking the **Tables** list and/ or **Stored Procedures** (Programmability)
24. Verify a list of new Tables / Stored Procedures have been created correctly [11]

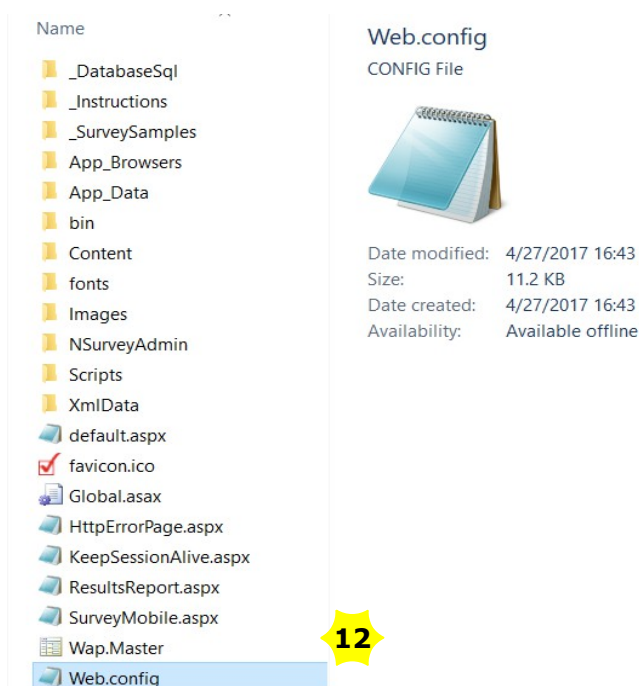


10. New SP Database Table view result after running script

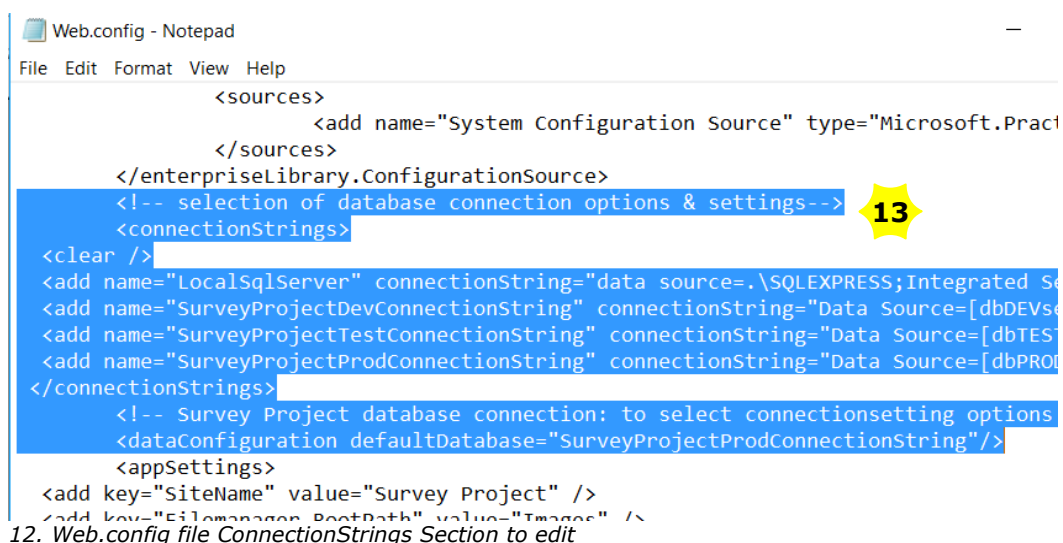
4. Connect to the Database

Actions

25. Go to the webfile **root directory** of the SP webapplication
26. Open the **web.config** [12] file in a text editor (e.g. notepad)
27. Search the **ConnectionStrings** Section [13] to edit



11. SP Root directory with web.config file



12. Web.config file ConnectionStrings Section to edit

Note: There are [3] connectionstrings to connect to different databases (e.g. Development, Test, Production) to choose from.

To set the connectionstring that will be actually used the '*Default Database*' setting has to match the '*Name*' of the ConnectionString.

Actions

28. Go to the **ConnectionString** to connect to the SP db (e.g. *SurveyProjectProdConnectionString*)
29. Edit and enter the **sqlserver name** and DB credentials (**dbname, username, password**) [14]
30. Check the *dataConfiguration* 'Default Database' setting matches the *Name* of the ConnectionString
31. Save the changes and close the web.config file

Example

```
<add name="SurveyProjectProdConnectionString" connectionString="Data Source=.sqlexpress14;Initial
Catalog=sp24manual;Persist Security Info=True;User ID=sa;Password=mypassword"
providerName="System.Data.SqlClient" />
```

14

```
</connectionStrings>
```

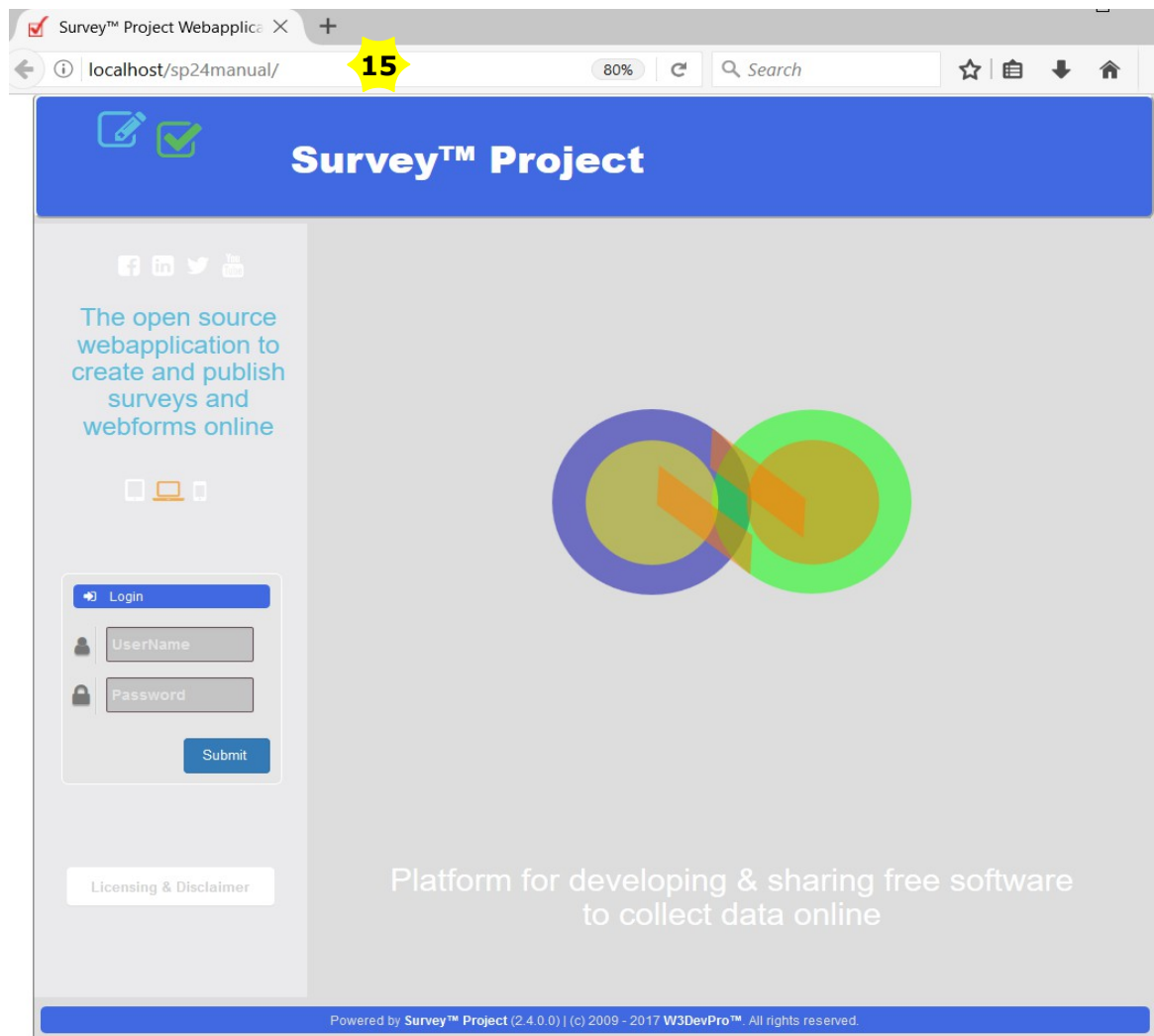
```
<!-- Survey Project database connection: to select connectionsetting options see connectionStrings-->
<dataConfiguration defaultDatabase="SurveyProjectProdConnectionString"/>
```

Note: Once SP is installed the SP related system settings in the web.config file can be changed from within the application by the Admin through the Surveys/ Settings/ System Settings menu.

5. Start the Webapplication

Actions

32. Open a **webbrowser** to start the webapplication
33. Enter the **URL** of the webapplication as created in IIS (E.g. Http://localhost/sp24manual)
34. Click enter to **start the application** [15]



13. SP webapplication Opening Page

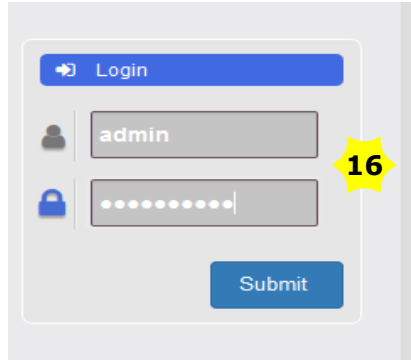
Note: On running the SQL script a default Administrator account [Admin] has been created to access the webapplication. Use this account to enter SP initially.

Username: **admin**

Password: **SP_admin01**

Actions

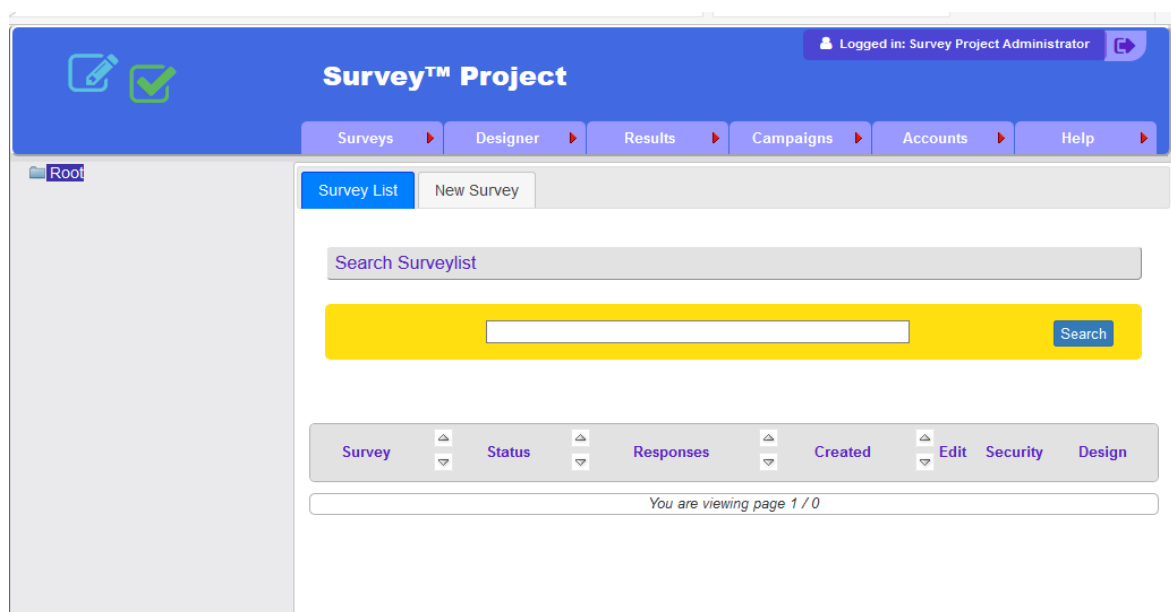
35. Enter the Username [**admin**] and Password [**SP_admin01**] in the Login form [16]
36. Click the **Submit** button to enter the application



14. Login form to access SP

Note: In case of errors on entering the application in most cases the cause is related to the database connection settings in the web.config file.

Check these settings, correct and retry.



15. Opening screen on first login as an Admin

6. System Settings & Encryption

- o. Instead of using FTP and manually editing the web.config file in the root directory it is possible to make changes to the SP related settings through the System Settings webpage.
- o Making changes through the web interface is less error prone and more secure.
- o On submitting any changes the edited section in the web.config file will be automatically encrypted which makes it 'humanly unreadable'. The encryption can be reversed (decrypted) also.

Actions

35. Go to menu **Surveys/ Settings/ System Settings** and scroll to the **Mailserver Settings** [17]
36. Enter the **SMTP** account details (**server, username, password, port**) in the textfields
37. Click the **Submit** button of the *SMTP section* to save the results and encrypt the web.config section
38. Check the **Confirmation** message at the top of the page.

Settings
Multi Language
Completion
System Settings

Globalisation Culture

Globalisation Culture:

Rename

Web.config NSURVEYSETTINGS

17

Mailserver Settings:

SMTP Mailserver:

SMTP Username:

SMTP Password:

SMTP Server Port:

16. Part of System Settings webpage options

Note: The SMTP account and mailserver settings are needed to use different mailing features of the webapplication e.g.:

- send admin notifications on survey submission
- send mailings and invitation messages
- send admin notifications on logging errors

o The encrypted web.config NsurveySettings section including SMTP details will look like:

Example

```
<nSurveySettings configProtectionProvider="RsaProtectedConfigurationProvider">
  <EncryptedData Type="http://www.w3.org/2001/04/xmlenc#Element"
    xmlns="http://www.w3.org/2001/04/xmlenc#">
    <EncryptionMethod Algorithm="http://www.w3.org/2001/04/xmlenc#tripledes-cbc" />
    <KeyInfo xmlns="http://www.w3.org/2000/09/xmldsig#">
      <EncryptedKey xmlns="http://www.w3.org/2001/04/xmlenc#">
        <EncryptionMethod Algorithm="http://www.w3.org/2001/04/xmlenc#rsa-1_5" />
        <KeyInfo xmlns="http://www.w3.org/2000/09/xmldsig#">
          <KeyName>Rsa Key</KeyName>
        </KeyInfo>
      </EncryptedKey>
    </KeyInfo>
    <CipherData>

    <CipherValue>HkctWa21IAJwUAJ5mEwFJKsSTfRrgzqpVF8yGDeXM9SBm9J4nGkGTY7/McD5cNkLiu78CTERo
    Z+rAILQSpt0yOQnNg5b0TIvo0jzI1QnZ/bwjFuE03ydQRH/Zk2Bf2AGV0GAeyqYhT64GILavnxYOKP3BBDkYNB
    U6yLJe9R51zf5OQbWM+cRAjYVzB0t4HqQ6J53rbltbDuaR8Z4bnPiRQ6L+FrLyyDzdCIZIX4vsmkla7NuKkRJtPR
    N0Rkww3wr1qNCemSmqldbpEiSyBg0FUCVrkqnmG2MxrGNDIVLRbCj4z/
    +BxtPUteoGKP2r+tJ1gp06VQmi2UZ1yqqzGZLA==</CipherValue>
    </CipherData>
  </EncryptedData>
</KeyInfo>
<CipherData>

<CipherValue>IRen53w2rZE36i+zo/ZaHBU3ABcj4H+K56k4J649CYUEt2aVP4qLYfQU3ZOZbZIS7Q1/0zlK4Vrw3sh
97iSJo7NArcdACTU9jx3LHj3mMPbX6mhEjAXZyACwuRQtlCi9NQGWWSMF/5lJz7piLW9MSQM8iHkCNgrw
mFAYea0YAVroFj2DjAcnSjlTEXuTHqNqBUec/8KCuPa1i58vprsnzFZpQsJtmyuj36HDYdnUPT+WhkbUBr0nxvnm
gobDnF+gJRv2yWFAwY3hzKgDj2b1xph1v8AwLfkKigUjBjLYDIK/oqYDkUV+zBr/6f9jBgKS0AqjG6zbwqpAzCDJ
otiktVRjBiqAUxnDg7MTFSgkR3fSnw2nFIBKpLxfgG03KcPORVancNe4v51Bf9+y0t/8Xnd8uhMgb8QcuCKQT9DSj
x4kNhjeS6wb3d7Gqqk3OLXKp0mxa48ZMGz63olPva2xE3+YvDR0j/UzZovryVozUIKzkRYJZlct4VlwRO0AcWI
mf7EM7yCDOFPRsPYqR/fpKq4n0jYC4N5rxN1xr/PA3kmVB9yz4psjoMvnyUPDert78oWGym5DeRmMWrgbmtcH
ttqgdrKakTc5VzQU1maaJsPng/qJj+9Sw4VD+AXicWUeC5XBaxJtC4wMeil/tfuEyNmdNyeFlOgi2YohpoWzWzoT
EjjOG4mC6ei9u1bgTkBn0KqgOl+cMrudo4+XZnk7oVEtbifwKjBp9kQvZRLol9Ss6zNa1uJ2ttG0bWxnMikb3QX
Bkwx/XVXvDuPUiVuZtMrSNeprJCz2FmitPs6U4VJacl036ga04Df+1TsnETKXQAKwJwh9HD6JT3/hbIXuFmzroc3
uyOpXEhKf7mQWmgdrHu/f4shOTISaH6Wes5KwUuT4lZgUhdZOLX3OQ9BfNoNMHeWyGG4VcuVjOZ4zqNZQ7
VvGAdRNPcVm+IF0uSHqdMJM+84K0OpGPYBiG7aIY64NS9oiH6WUPAO5TlqhNJKXh7Wpv+VnaM2khWPzm
TWUFmGSNSwesYs0oM+ehkvKaToIkqyQKTBf58a3ecHz71Y5JRmg1JtXYQfucisGz9oLnoOWGt8FBD+Nbpptvm
D0Hkz1sLfiR3RptYL9/gZz5TGG7oXs4mKuk+dwTDYgGyHKgSUBnh+s3ksj1KXAXvUs/dBZr3njyXD9O5AuHN
DoupNvJQXkxEGM0y9jwqJ4Xl/sddOBKdabVjuIMYmeHOFGXZyf6i4futVN6QREnzX3k8Ncfh8zzAtCKtJIxRfh5+
tuS8SVv6STJUeMRcJwrcqeY3Bo6Dcznn0HLDyK14xFVI8zRqN93SXQcDHnpzkJckhFUhJ2jhHTN4Hx77JEsPQNh
21c68X6L15ylgGeQjMkQOs45/dlVj9h6JTQBn7YX27xfmpG87ud0dIEtgksfH8jcYQUyxmfaLZM4y/YIsO2h2AMFJ
921GTC3Q6WNRJmuXt42dYe6g+4nqjy+kEQ8glr0G+7s3O7DfvcVniniGw5j71edTqk2kFuow6OhoMVWyNzvwmo
```



```
n9fWz4RQj2E06oUiChFNpdE9rFkvlNspnmif/LClgocb+b15RQRDw6udz6186O7+MqkOu+1jzDH8dqEJiRw2xk77o
XjxYrsAErdqSsKxLJpX7WjcuwnMb6XLes2fz0IFIKcMG+DuwTuFYKZJDhdL3nKHih38YF3/K+EvdMf4HUebn61
H65CQq9lBMhOCnBnvsGym+SP19YsRg9OQN6PAFzD+ADb5NjzhxdSIC8AMR9syBSpYoVVrHq9QQgd9UHy07
2ZMOSnf6PnVCjbyvFZjvQ9nmhd7yjKZLRtZR9Ebr+yGI16lQxbyZUGTyTolWBaojJDw9b+vcoQOmS6dBMx12Fg/
vB1lqABaZk=</CipherValue>
</CipherData>
</EncryptedData>
</nSurveySettings>>
```

o Encrypting web.config sections will make the webapplication more secure.

o Especially when making use of a third party hosting provider it will prevent maintenance and other people from having access to secret information.

o The encrypted sections can be decrypted at any time:

Actions

39. Go to menu **Surveys/ Settings/ System Settings** and scroll to the bottom of the page
40. Click the **Decrypt** button [18] to decrypt the web.config file sections
41. Check the **Confirmation** message at the top of the page

Decrypt the NSurveySettings (smtp & miscellaneous):

18

Decrypt

17. Decrypt button to reverse web.config encryption

o The decrypted web.config NsurveySettings section including SMTP details will look like:

Example

```
<nSurveySettings file="">
  <clear />
  <add key="NSurveyImagesPath" value="~/images/" />
  <add key="NSurveyXmlDataPath" value="~/XmlData/" />
  <add key="NSurveyLanguagesPath" value="~/XmlData/Languages/" />
  <add key="NSurveyHelpfilesPath" value="~/XmlData/Helpfiles/" />
  <add key="NSurveyCssXmlPath" value="~/XmlData/Css/" />
  <add key="NSurveyAddressPath" value="~/XmlData/Address/" />
  <add key="NSurveySMTPServer" value="test.surveyproject.org" />
  <add key="NSurveySMTPServerPort" value="2525" />
  <add key="NSurveySMTPServerAuthUserName" value="test@surveyproject.org" />
  <add key="NSurveySMTPServerAuthPassword" value="test" />
  <add key="NSurveySMTPServerEnableSsl" value="false" />
  <add key="EmailingProviderAssembly" value="Votations.NSurvey.Emailing" />
  <add key="EmailingProviderClass" value="Votations.NSurvey.Emailing.SystemWebEmailing" />
  <add key="UserProviderAssembly" value="Votations.NSurvey.UserProvider" />
  <add key="UserProviderClass" value="Votations.NSurvey.UserProvider.FormUserProvider" />
```

```
<add key="FormUserProviderSingleMode" value="false" />
<add key="SqlBasedAnswerTypesAllowed" value="true" />
<add key="WebDAL" value="Votations.NSurvey.SQLServerDAL" />
<add key="UploadedFileDeleteTimeOut" value="24" />
<add key="SessionUploadedFileDeleteTimeOut" value="336" />
</nSurveySettings>
```

Note: Information on the use of the other System Settings can be found in the helpfiles 'Installation Settings'.

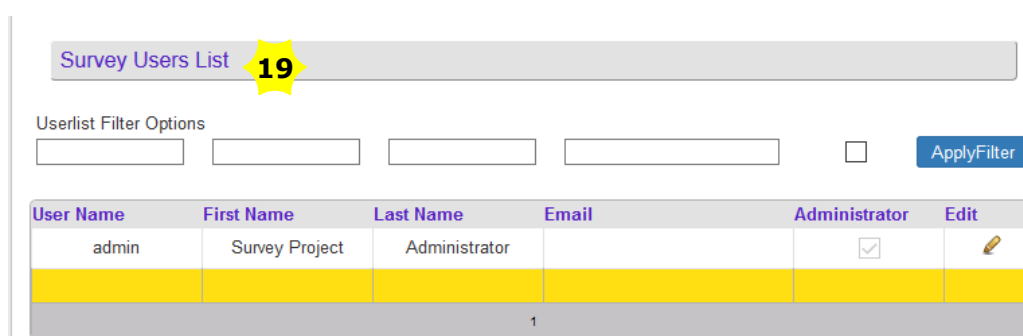
Go to menu Help/ Helpfiles or click the light blue question mark square at the top of the System Settings page.

7. Administrator Account

- o On installation a default administrator account 'admin' is created with which to login initially.
- o An administrator account has complete authorisation and access to all features and data (surveys , answers etc.) of the application including making changes to the system settings.
- o For security reasons the default password [SP_admin01] of the admin account must be changed before going live with the application.

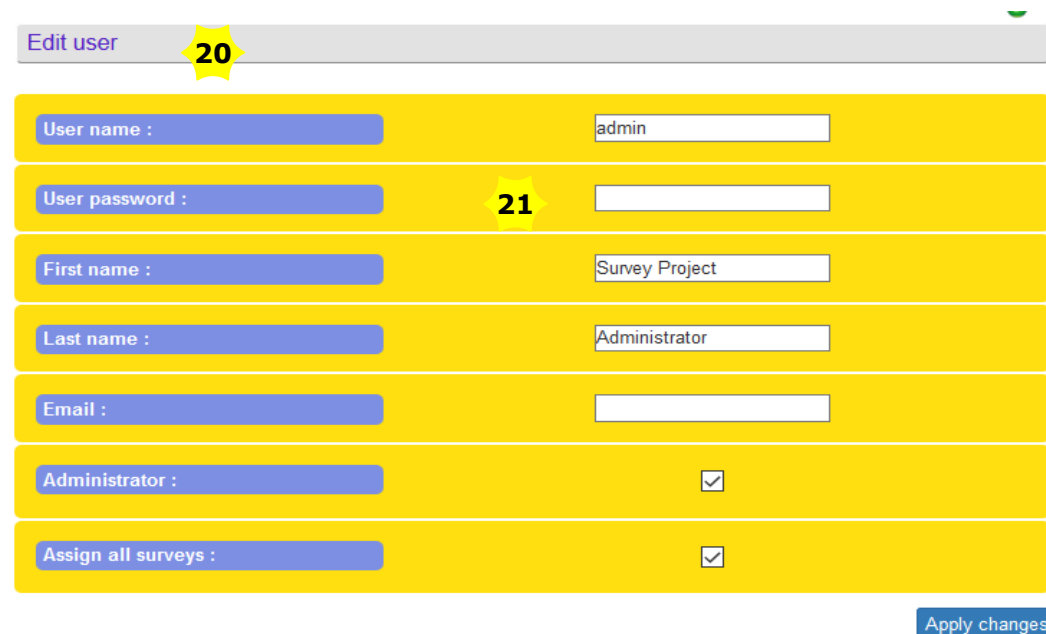
Actions

42. Go to menu **Accounts/ Userlist** and scroll to **Survey User List** [19]
43. Click the **Username** 'admin' or the **pencil icon** to open account details in the **Edit User** screen [20]



User Name	First Name	Last Name	Email	Administrator	Edit
admin	Survey Project	Administrator		<input checked="" type="checkbox"/>	

18. User List including the admin account to open account details to edit



Edit user

User name : admin

User password : **21**

First name : Survey Project

Last name : Administrator

Email :

Administrator : ☒

Assign all surveys : ☒

Apply changes

19. Admin user account details to edit

- o Password rules apply that are checked on saving a new password.
- o Rules: length min. 8 - max. 12; characters min. 1 small, 1 capital, 1 special, 1 number required
- o A warning message will show if the password does not comply.

Actions

- 44. Go to the **User Password** field [21] to enter a new password
- 45. Click the **Apply Changes** button to save the new password
- 46. Check the **Confirmation** message at the top of the page.

Note: The User password field is left 'empty' when the Edit form is opened even if a password is already set and saved to the database or after saving a new password.

Passwords are saved to the Database vts_tbuser table *encrypted*. If a User password is lost or forgotten it cannot be recovered. A new password can be set by the administrator

8. Logfiles & Errorhandling

o Logfiles have been added to the SP webapplication to register technical Application Errors. Mail notifications are sent in case of logging and if SMTP settings are set (web.config file).

o The handling of errors in SP is determined by:

- a. Web.config file settings
- b. Global.asax file settings (and codebehind file)

Global.asax Error handling in SP

- Http exceptions: "HttpException 404: page does not exist" registered in logfiles
- Other exceptions: "DefaultPage" registered in logfiles + notification send (smtp settings)

Web.config errorhandling section:

```
<!-- permits errors to be displayed for remote clients: On, Off, RemoteOnly -->  
<customErrors defaultRedirect="HttpExceptionPage.aspx" mode="RemoteOnly">  
</customErrors>
```

Note: Error handling up until SP v. 2.4 has not been fully implemented and completed yet. E.g. Error logging is limited to the non http exceptions.

SP v2.5 will contain the completed error handling features.

Example

To generate Application Errors try the following:

1. Insecure Login

- On the starting page enter the following login details:

* username: admin

*password: <!**%test%**>

- Next click the Submit button

This will generate a server error [22] and depending on the Web.config settings lead to the default error [23] page. No logging or mailing takes place.

2. Invalid XML

- Go to the XML language files directory ... **XmlData\Languages\...**

- Open the en-US.xml file (make sure this is used as default language in the browser)

- Edit one of the value entries and add non-handled characters e.g.

```
<data version="1.0" id="1" name="ControlCodeTitle">  
  <value> >>> Survey Webcontrol: Asp.net Code</value>
```

</data>

- Next save the file and start the webapplication

This will generate a server error and depending on the Web.config settings (RemoteOnly) lead to the default error page [23]. Logging [24] and mailing [25] takes place.

"Exception of type 'System.Web.HttpUnhandledException' was thrown. Name cannot begin with the '>' character, hexadecimal value 0x3E. Line 3587, position 14. "

Server Error in '/sp24manual' Application.

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A potentially dangerous Request.Form value was detected from the client (ctl00\$LoginBox1\$PasswordTextBox="<!%test%>").

Description: ASP.NET has detected data in the request that is potentially dangerous because it might include HTML markup or script. The data might represent an attempt to compromise the security of your application, such as a cross-site scripting attack. If this type of input is appropriate in your application, you can include code in a web page to explicitly allow it. For more information, see <http://go.microsoft.com/fwlink/?LinkID=212874>.

Exception Details: System.Web.HttpRequestValidationException: A potentially dangerous Request.Form value was detected from the client (ctl00\$LoginBox1\$PasswordTextBox="<!%test%>").

Source Error:

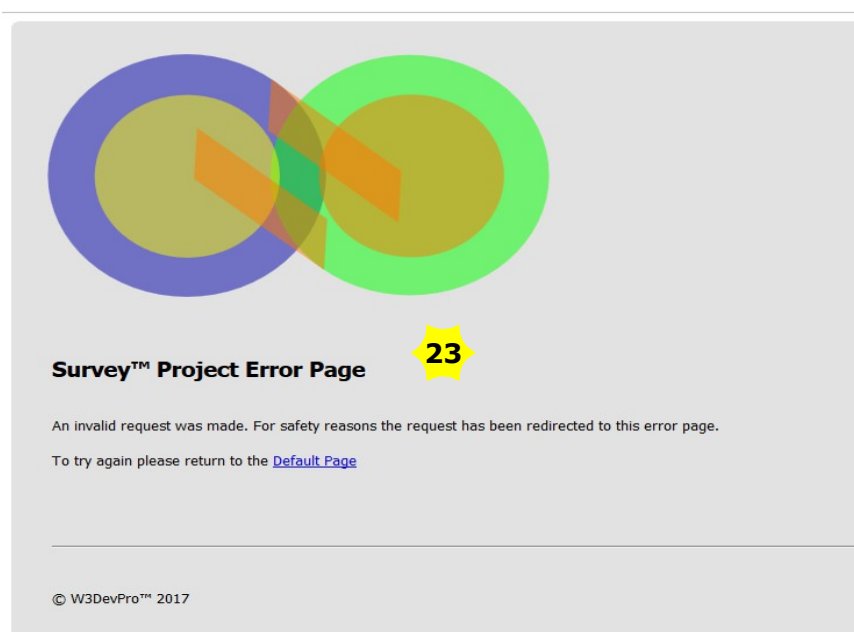
An unhandled exception was generated during the execution of the current web request. Information regarding the origin and location of the exception can be identified using the exception stack trace below.

Stack Trace:

```
[HttpRequestValidationException (0x80004005): A potentially dangerous Request.Form value was detected from the client (ctl00$LoginBox1$PasswordTextBox="<!%test%>").]
System.Web.HttpRequest.ValidateString(String value, String collectionKey, RequestValidationSource requestCollection) +11983531
System.Web.HttpRequest.ValidateHttpValueCollection(HttpValueCollection collection, RequestValidationSource requestCollection) +221
System.Web.HttpRequest.get_Form() +62
System.Web.HttpRequest.get_HasForm() +11983906
System.Web.UI.Page.GetCollectionBasedOnMethod(Boolean dontReturnNull) +106
System.Web.UI.Page.DeterminePostBackMode() +89
System.Web.UI.Page.ProcessRequestMain(Boolean includeStagesBeforeAsyncPoint, Boolean includeStagesAfterAsyncPoint) +9527
System.Web.UI.Page.ProcessRequest(Boolean includeStagesBeforeAsyncPoint, Boolean includeStagesAfterAsyncPoint) +355
System.Web.UI.Page.ProcessRequest() +75
System.Web.UI.Page.ProcessRequest(HttpContext context) +70
System.Web.CallHandlerExecutionStep.System.Web.HttpApplication.IExecutionStep.Execute() +798
System.Web.HttpApplication.ExecuteStep(IExecutionStep step, Boolean& completedSynchronously) +91
```

Version Information: Microsoft .NET Framework Version:4.0.30319; ASP.NET Version:4.7.2046.0

20. Server Error generated by corrupted password



21. Custom Error page on insecure password attempt if set in Web.config

Actions

47. Go to the webdirectory**NsurveyAdmin\LogFiles\...**
48. Click the **ErrorLog.txt** file to open in a texteditor (e.g. Notepad)
49. Check the content of the file.
50. Open a **mailclient** to receive and read the **Error message Mail** [25] notification

Survey™ Project Global Page Error

An application error has been generated. More details on the error can be found in the logfiles directory of the Survey™ Project application. An automated warning message has been sent to the default SMTP server account.

Exception of type 'System.Web.HttpUnhandledException' was thrown. An error occurred while parsing EntityName. Line 3587, position 22.

Please return to the [Default Page](#)

22. Custom Error page including Exception info on XML error

Example – Logged XML Error message

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***** 7/19/2017 10:45:05 AM *****

Inner Exception Type: System.Xml.XmlException

Inner Exception: An error occurred while parsing EntityName. Line 3587, position 22.

Inner Source: System.Xml

Inner Stack Trace:

```
at System.Xml.XmlTextReaderImpl.Throw(Exception e)
at System.Xml.XmlTextReaderImpl.ParseEntityName()
at System.Xml.XmlTextReaderImpl.ParseEntityReference()
at System.Xml.XmlTextReaderImpl.Read()
at System.Xml.XmlLoader.LoadNode(Boolean skipOverWhitespace)
at System.Xml.XmlLoader.LoadDocSequence(XmlDocument parentDoc)
at System.Xml.XmlDocument.Load(XmlReader reader)
at System.Xml.XmlDocument.Load(String filename)
at Votations.NSurvey.Resources.ResourceManager.LoadResources(String language)
at Votations.NSurvey.Resources.ResourceManager.GetString(String name)
at Votations.NSurvey.WebAdmin.NSurveyAdmin.SurveyList.LocalizePage()
at Votations.NSurvey.WebAdmin.NSurveyAdmin.SurveyList.Page_Load(Object sender, EventArgs e)
at System.Web.UI.Control.OnLoad(EventArgs e)
at System.Web.UI.Control.LoadRecursive()
at System.Web.UI.Page.ProcessRequestMain(Boolean includeStagesBeforeAsyncPoint, Boolean
```

includeStagesAfterAsyncPoint)

Exception Type: System.Web.HttpUnhandledException

Exception: Exception of type 'System.Web.HttpUnhandledException' was thrown.

Source: DefaultPage

Stack Trace:

```
at System.Web.UI.Page.HandleError(Exception e)
at System.Web.UI.Page.ProcessRequestMain(Boolean includeStagesBeforeAsyncPoint, Boolean
includeStagesAfterAsyncPoint)
at System.Web.UI.Page.ProcessRequest(Boolean includeStagesBeforeAsyncPoint, Boolean
includeStagesAfterAsyncPoint)
at System.Web.UI.Page.ProcessRequest()
at System.Web.UI.Page.ProcessRequest(HttpContext context)
```

at System.Web.HttpApplication.CallHandlerExecutionStep.System.Web.HttpApplication.IExecutionStep.Execute()
at System.Web.HttpApplication.ExecuteStep(IExecutionStep step, Boolean& completedSynchronously)

From Me <mail@surveyproject.org> ☆ Reply Forward Archive
25 Subject **Survey Project Warning Message: Global Page Error**
 To Me <mail@surveyproject.org> ☆

Survey Project Warning Message: Global Page Error details.

Inner Exception Type: System.Xml.XmlException

Inner Exception: An error occurred while parsing EntityName. Line 3587, positio

Inner Source: System.Xml

Inner Stack Trace: at System.Xml.XmlTextReaderImpl.Throw(Exception e) at
 System.Xml.XmlTextReaderImpl.ParseEntityName() at
 System.Xml.XmlTextReaderImpl.ParseEntityReference() at System.Xml.XmlTe
 at System.Xml.XmlLoader.LoadNode(Boolean skipOverWhitespace) at
 System.Xml.XmlLoader.LoadDocSequence(XmlDocument parentDoc) at
 System.Xml.XmlDocument.Load(XmlReader reader) at System.Xml.XmlDocum
 filename) at Votations.NSurvey.Resources.ResourceManager.LoadResources(\$
 Votations.NSurvey.Resources.ResourceManager.GetString(String name) at
 Votations.NSurvey.WebAdmin.NSurveyAdmin.SurveyListLocalizePage() at
 23. Mail notification on logged Application Error

APPENDIX

Subjects not covered in this Installation Guide:

- Maintenance tasks (website/ database)
- User management
- Upgrade scenario's
- CKEditor – Filemanager settings

Separate manuals or helpfiles on these subjects will be published or are available through SP™ or the SP™ community site.

Further Reading & Links

Available Help Sources

The first integrated helpfiles were added to version 2.0 of the Survey™ Project webapplication:

- o An index of helpfiles is available at menu Help/ Helpfiles.
- o Tooltip helptexts can be found on several webpages of the SP tool.

- Some of these Helpfiles have been published on the Survey Wiki of the Community website also.

- Through the Articles Menu of the Survey™ Project Community site additional articles can be found based on specific Survey related issues and themes

<http://www.surveypoint.org/Support/Helpfiles/Articles/tabid/194/Default.aspx>

- At the Survey™ Project YouTube Channel subtitled movies can be found with basic instructions on several subjects: <https://www.youtube.com/user/TheSurveyProject>

- Technical information can be found at

o the former Survey Sourcecode website at <http://survey.codeplex.com>

o the new site at <https://www.github.com/surveypoint>

- Visit the Forums section of the Community website to ask any questions

<http://www.surveypoint.org/Forums/tabid/107/Default.aspx>

Contributions to the projects documentation and helpfiles are most welcome. If you have any experience in this field or if you feel like joining the team please let us know: mail@surveypoint.org

Survey™ Project

<http://www.surveypoint.org/> - SP™ Community site & Forums

<http://www.surveypoint.biz> – SP™ Business Services

<http://www.surveypoint.net/> - SP™ Test & Demo site

<https://www.github.com/surveypoint/> - Downloads, Releases, Sources, Development

SurveyBox DNN® module

<https://github.com/surveypoint/surveybox> – Downloads, Releases, Sources, Development