

# XtraShare 2010

for SharePoint Technologies

## Quick Start Guide



Get started with XtraShare 2010 for SharePoint  
Technologies

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## TABLE OF CONTENTS

Introduction .....	3
Objectives.....	3
Conventions.....	3
What is XtraShare for SharePoint?.....	3
Architecture .....	3
System Requirements.....	4
Server Requirements.....	4
Installation and Service Account Requirements .....	4
Installation and Configuration .....	6
How to Install XtraShare .....	6
How to Initially Configure XtraShare.....	8
How to Enable XtraShare Forms-Based Authentication (FBA) .....	12
How to Upgrade XtraShare .....	15
Troubleshooting.....	16
Installation Errors .....	16
2869 Error .....	16
Sign In Errors .....	16
How to Uninstall XtraShare.....	18



## INTRODUCTION

### OBJECTIVES

This document provides SharePoint administrators instructions to install XtraShare 2010 for SharePoint Technologies.

### CONVENTIONS

The following table lists the acronyms used in this document.

Acronym	Stands for
<b>SPF</b>	SharePoint Foundation (v4)
<b>MSS</b>	Microsoft SharePoint Server 2010
<b>CA</b>	Central Administration (refers to a SharePoint server that hosts a Central Administration site)
<b>WFE</b>	Web Front-End (designates a SharePoint server with the Web Application Role)

### WHAT IS XTRASHARE FOR SHAREPOINT?

XtraShare for SharePoint is a premium solution designed to help administrators manage extranet sites as well as internet sites based on SharePoint Foundation 2010 or Microsoft SharePoint Server 2010.

XtraShare for SharePoint allows administrators to very easily and quickly deploy SharePoint sites beyond the firewall, by removing the pre-requisite of a Windows domain to host groups and users. XtraShare for SharePoint provides an intuitive and easy-to-use interface to manage groups, users, send credential notifications to external users, activate Forms-based authentication with or without anonymous access, as well as assign users and groups to SharePoint sites through a SharePoint sites tree view.

## ARCHITECTURE

XtraShare was developed using a multi-tier architecture. The different tiers of XtraShare are the following:

- A SQL server database used as the authentication store
- A .NET business layer (also exposed through a web service)
- A multilingual graphical user interface developed in ASP.NET AJAX and fully integrated with the SharePoint environment.
- Standard ASP.NET role and membership providers to manage user authentication on SharePoint sites

## SYSTEM REQUIREMENTS

### SERVER REQUIREMENTS

You can install XtraShare for SharePoint 2010 on a server that meets the following requirements:

- **Windows Server 2008 or Windows Server 2008 R2**, with IIS activated and **User Access Control disabled** (cf. [http://technet.microsoft.com/en-us/library/cc709691\(W.S.10\).aspx#BKMK\\_S3](http://technet.microsoft.com/en-us/library/cc709691(W.S.10).aspx#BKMK_S3))
- **SharePoint 2010** web front-end server(s) configured to use SQL Server or SQL Server Express, with
  - SharePoint Foundation 2010 (at a minimum) or
  - Microsoft SharePoint Server 2010
- **SQL Server (or SQL Express) 2008 or 2008 R2**
- **SharePoint Language**
  - Installation Language: **English, German, French, Spanish, Portuguese (Portugal), Portuguese (Brazil) or Danish**
  - Alternatively: any installation language with (at least) one of the following SharePoint 2010 Foundation Language Pack: **English, French, Spanish, Portuguese (Portugal), Portuguese (Brazil) or Danish**

**Important note: XtraShare 2010 must be installed on a server hosting a SharePoint Central Administration site.**

### INSTALLATION AND SERVICE ACCOUNT REQUIREMENTS

The account used to **install** XtraShare must be **the same account used to install SharePoint**.

Alternatively, you can use an account with the following requirements:

- Member of the local Administrator's group on the server where it is installed
- Member of the SharePoint Farm Administrator's group
- Database Owner (db\_owner permissions) on the SharePoint Configuration Database
- Database Owner (db\_owner permissions) on the SharePoint Central Administration Content Database (this is necessary in order to create the XtraShare Administration Site as a sub-site of the SharePoint Central Administration site)

The account used to install SharePoint fits all the requirements above.

The account used to **activate** XtraShare on a web application must:

- be a member of the Farm Administrator's group

- have sufficient rights to deploy SharePoint solution packages (with assemblies going to the Global Assembly Cache). This usually translates to the following requirement: be a member of the local Administrator's group on all front-end web servers (typically, the account used to install SharePoint fits these requirements)

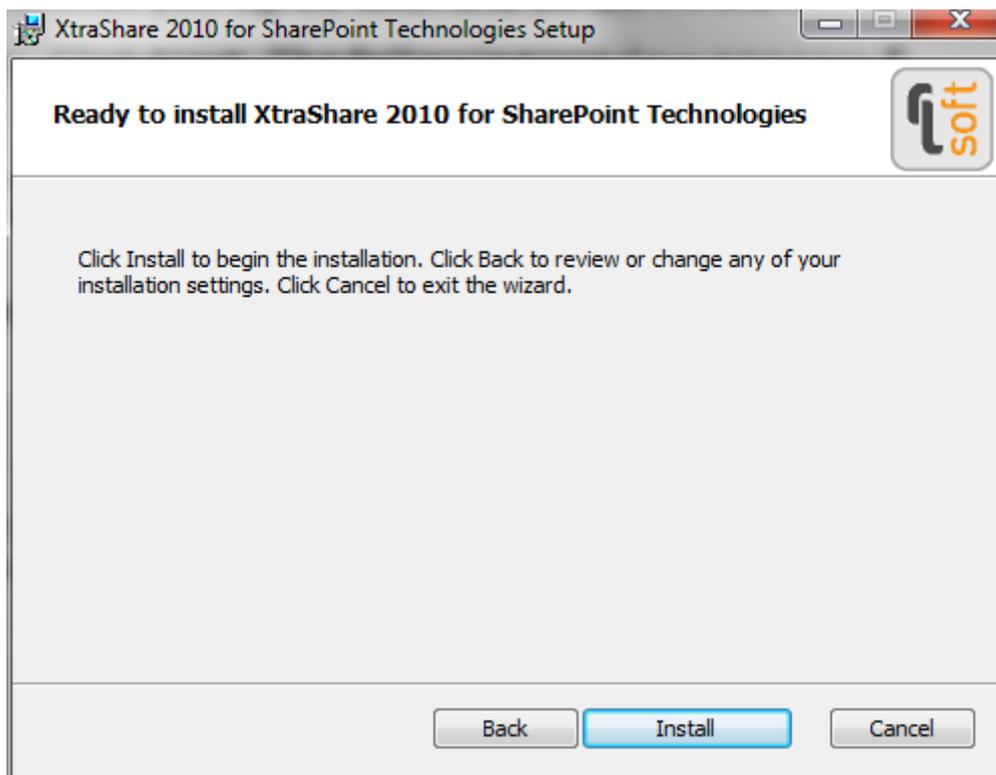
**Important Note:** If SharePoint was installed in Standalone (ie. Single Server) mode, the NT AUTHORITY\NETWORK SERVICE account must be added to the Local Administrators group on the server

## INSTALLATION AND CONFIGURATION

### HOW TO INSTALL XTRASHARE

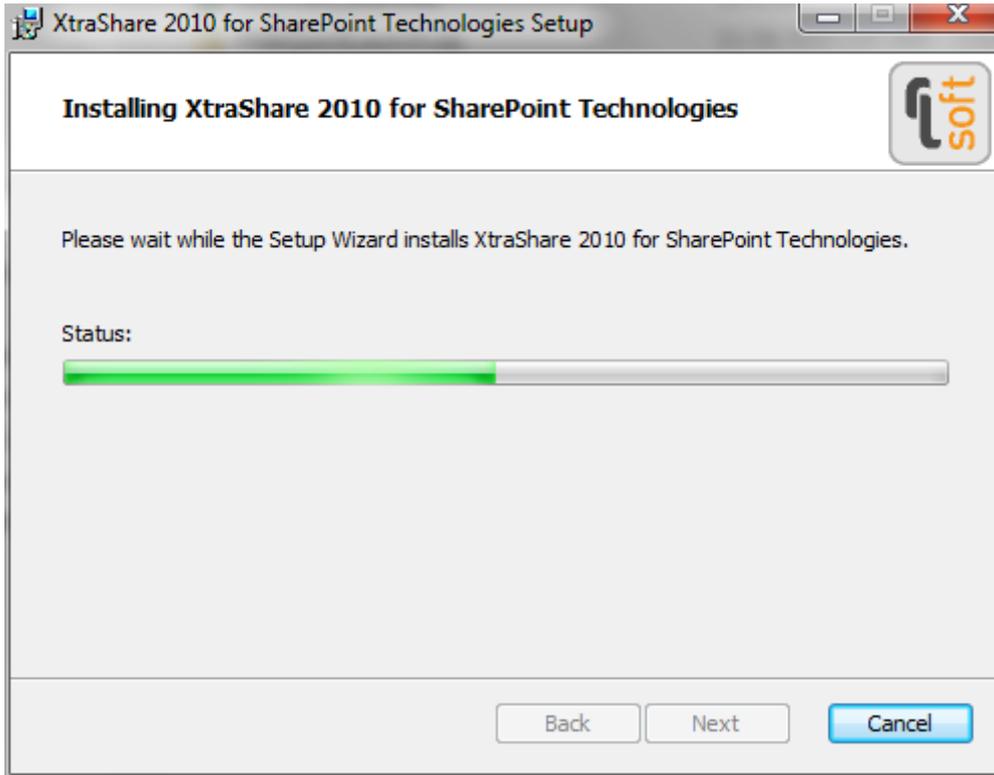
After checking that the system requirements (listed in the previous paragraph) are enforced, please go through the following steps:

- Download XtraShare\_2010.msi from <http://www.rl-soft.com>
- Connect to the SharePoint server that hosts the SharePoint v4 Central Administration (although it can be accessed from all the WFE servers, the Central Administration is typically only installed on the first SharePoint server in your farm).
- On this server, double -click on the XtraShare\_2010.msi file
- Once the setup wizard has launched, click on the Next button, read the end user license agreement and confirm that you agree to its terms. Press Next.
- Please check that you agree with the default installation folder path or modify it if necessary. Click Next. The following window appears:

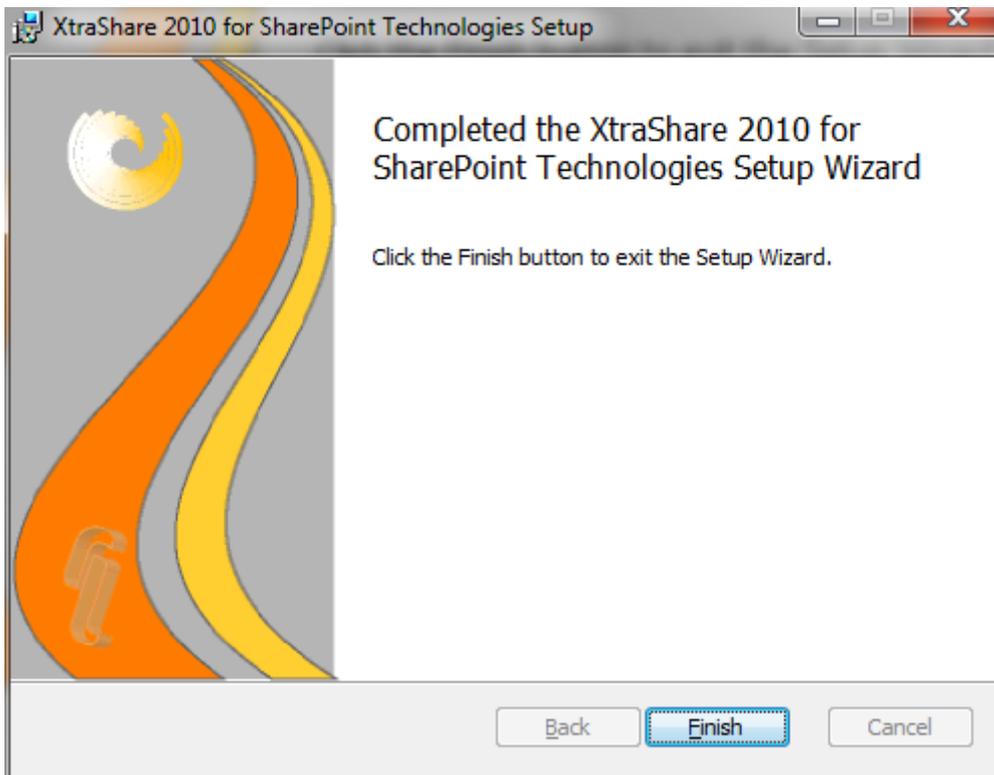


- Click on « Install » to proceed with the installation. Depending on your SharePoint farm environment, this step may take a few minutes. This is the normal behavior and you should wait until the next screen appears.

Note: If the installer throws a 2869 error, please refer to the [Troubleshooting](#) section.



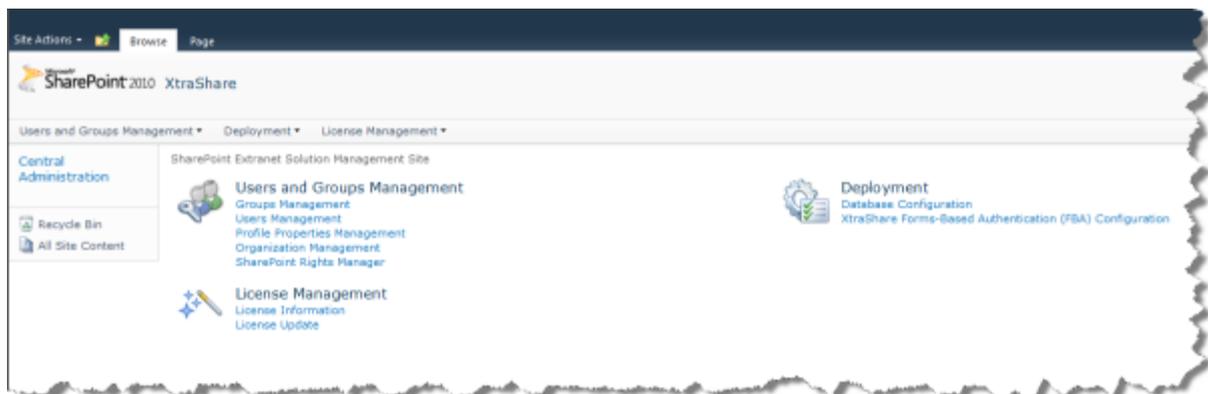
- The installation is complete when the following screen appears:



- Click on "Finish" to exit the installation wizard.

## HOW TO INITIALLY CONFIGURE XTRASHARE

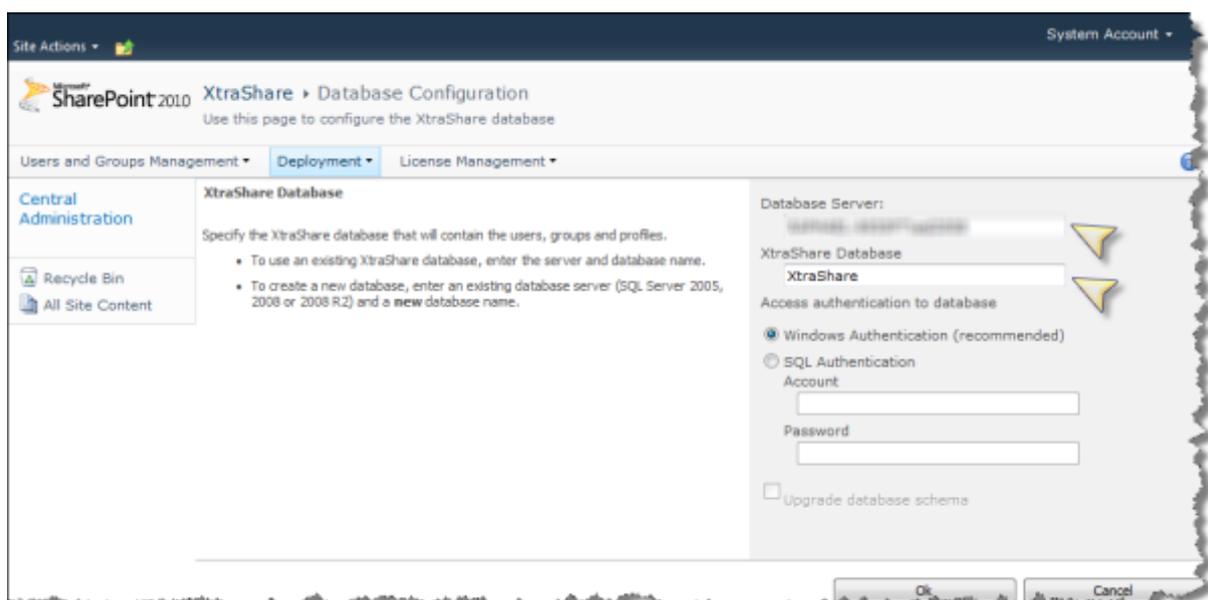
At the same time as the screen above appears, an Internet Explorer window opens the XtraShare Administration site, hosted in the Central Administration site. The site's home page lists all the pages available in the administration site, grouped in 3 sections: Users and Groups Management, License Management and Deployment, as shown in the screenshot below:



When XtraShare is installed for the first time, no database is created to act as the users and groups store. In the **Deployment** section, please click on **Database Configuration**.



The following page appears:



The page is pre-filled with the Database Server name used for the SharePoint Configuration database. You can specify another SQL Server instance, but it is recommended to use the database server suggested on this page.

Here are the steps you should follow to properly configure the XtraShare database:

- Check that the database server name is correct,
- Update the database name if necessary (the user interface suggests “XtraShare” by default). Note that if the database already exists on the database server, with the name specified, XtraShare will connect to the database and will not delete it.
- Select *Windows Authentication* to create the database using the Farm Service account or select *SQL Authentication* to specify a SQL user.
- Click OK to create or connect to the database.
- Once the database is created/connected, the following message appears to confirm that the creation went well.



The database was properly set up. Please click on the 'XtraShare' link above to continue.

You can now proceed to manage your users and activate the forms-based authentication on your web sites

By default, 2 groups and 1 user are created:

- The “**Administrators**” group: This group contains the XtraShare administrators (who by default can access all the XtraShare-enabled sites as well as all delegated administration sites). It can be edited but cannot be deleted.
- The “**Default Group**” group: By default, newly created or users who self-register on your site will be assigned to this group, unless another group is assigned to them (the default self-registering group is also configurable on each web application).
- The “**Admin**” user: this is the default administrator user, who can access any site enabled with XtraShare (as a member of the “Administrators” group). Its default password is “**pass**”. We strongly recommend to update its password by using the “Reset Password” contextual menu in the Users Management page, and to update its email address (in order for him to receive email notifications).



## List of groups

Instant search:

Name	Description	Organization
Administrators	XtraShare Administrator group	Default Organization
Default Group	Default group for newly created users	Default Organization

Central Administration

Recycle Bin

All Site Content

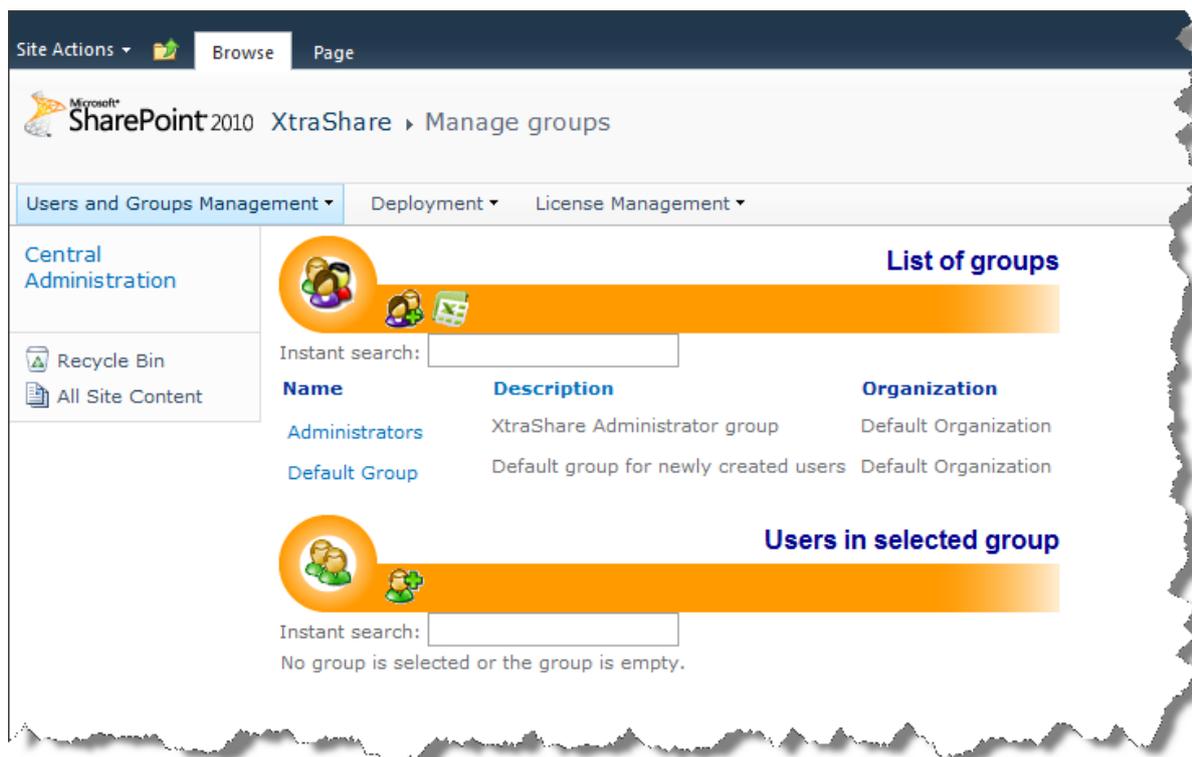
Instant search:

**List of users**

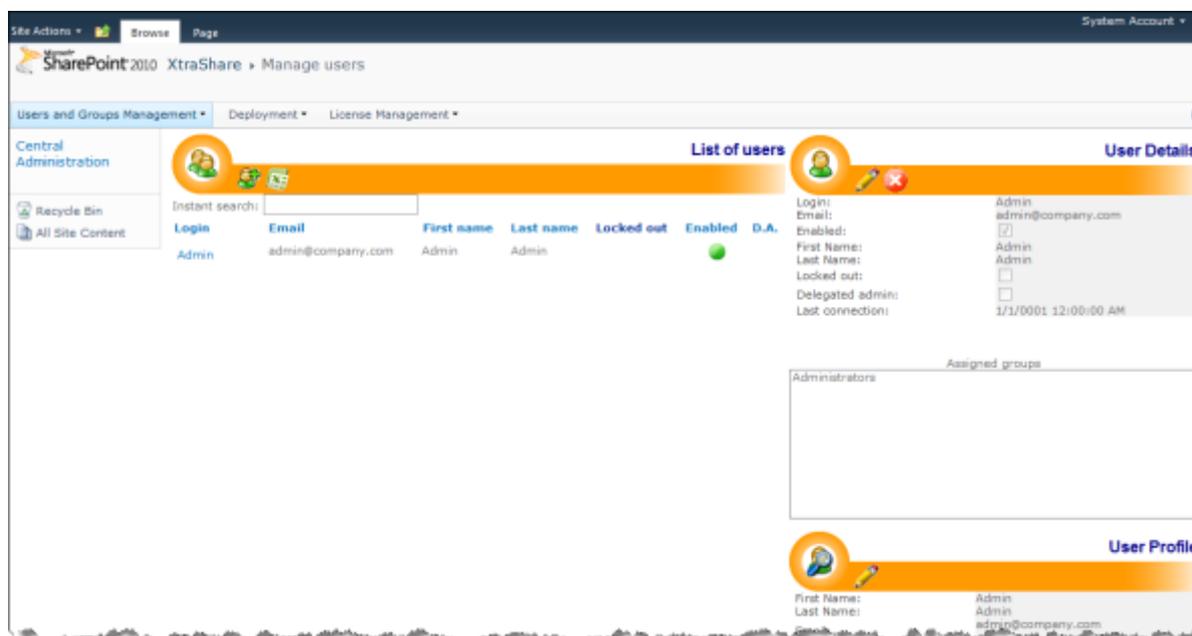
Login	Email	First name	Last name	Locked out	Enabled	D.A.
Admin	admin@company.com	Admin	Admin		<input checked="" type="checkbox"/>	

- Select
- Edit
- Delete
- Reset Password
- Send account information

This is a screenshot of the Groups Management page right after the database creation:



This is a screenshot of the Users Management page right after the database has been configured:



## HOW TO ENABLE XTRASHARE FORMS-BASED AUTHENTICATION (FBA)

Once the database configuration is done and you have created/updated your default users, the last step is to enable the XtraShare Forms-Based Authentication on a SharePoint web application.

Before enabling XtraShare on a SharePoint web application, make sure that the user connected to the SharePoint Central Administration has the following security privileges:

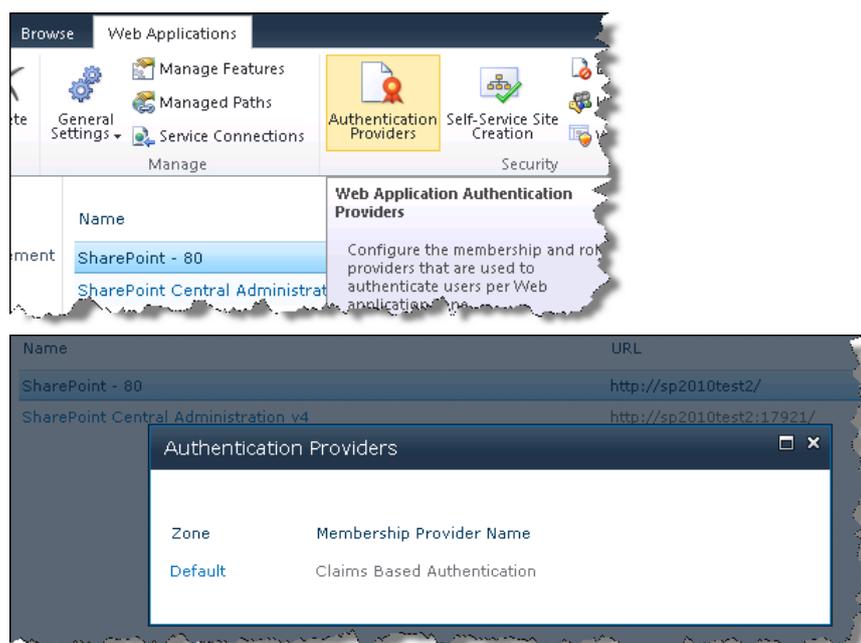
- It is a member of the Farm Administrator's group
- It has sufficient rights to deploy SharePoint solution packages (with assemblies going to the Global Assembly Cache). This usually translates to the following requirement: it is a member of the local Administrator's group on all front-end web servers (typically, the account used to install SharePoint fits these requirements)

Before enabling XtraShare on a SharePoint web application, please verify that your web application complies with the following requirements:

1. The web application was created using Claims Based Authentication (Not Classic Mode Authentication).

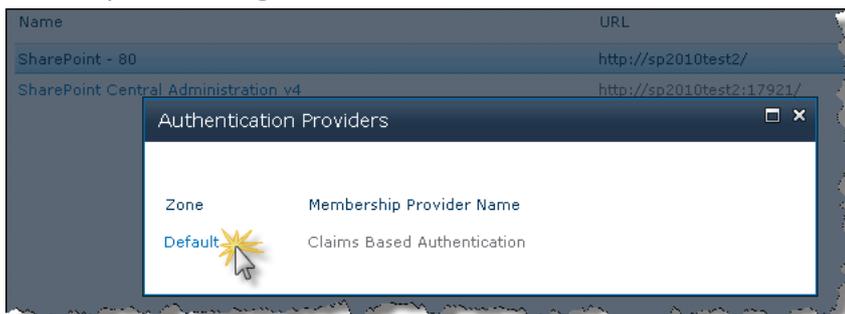
This can easily be verified on the “Manage web applications” page of the SharePoint Central Administration by selecting the web application and clicking on “Authentication Providers” in the SharePoint Ribbon.

If your web application is configured with Classic Mode Authentication, please follow the directions in this [Microsoft TechNet article](#) to migrate to Claims Based Authentication.

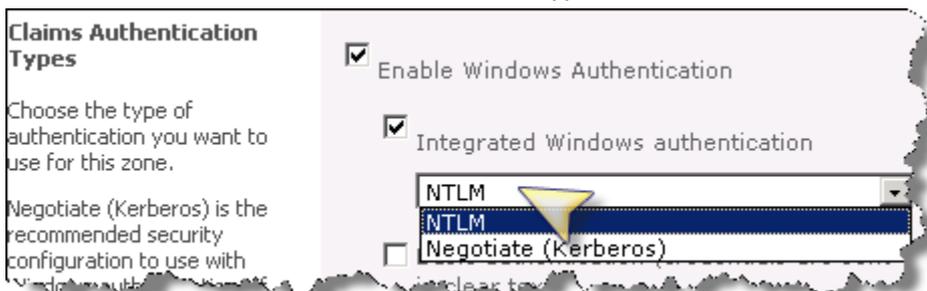


2. All the Zones use the NTLM provider (not the Negotiate/Kerberos provider)

To verify this setting, click on each Zone

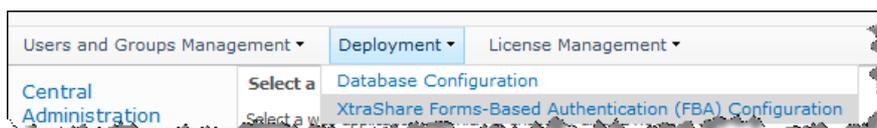


and scroll to the “Claims Authentication Types” section.

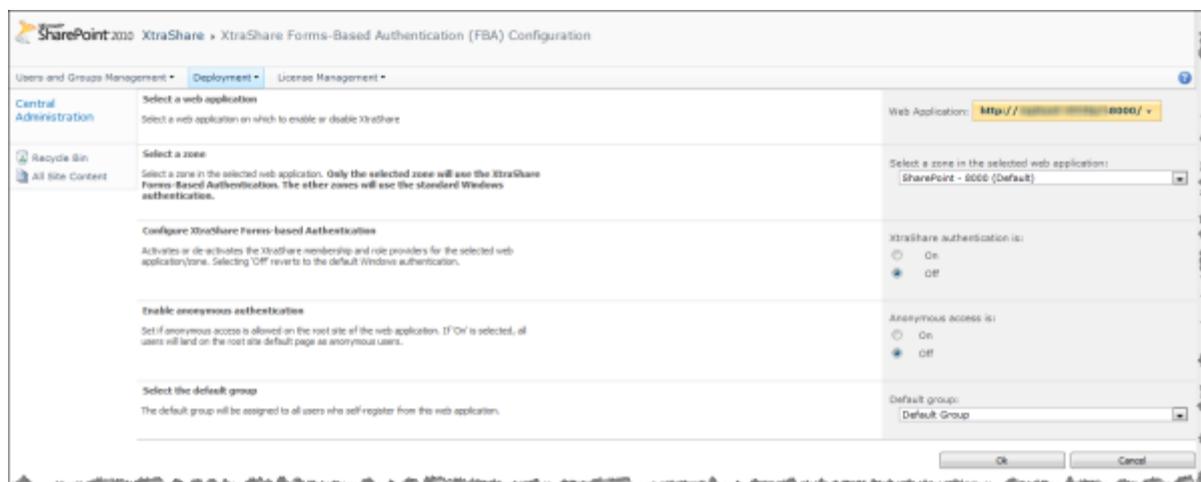


Make sure that NTLM is selected, and if not, select it and press the “Save” button at the bottom of the page.

Once you have verified that your web application complies with the requirements above, navigate back to the XtraShare Administration site. Then use the convenient drop-down menus available on all pages of the XtraShare administration site to navigate to the “XtraShare Forms-Based Authentication Configuration (FBA)” page



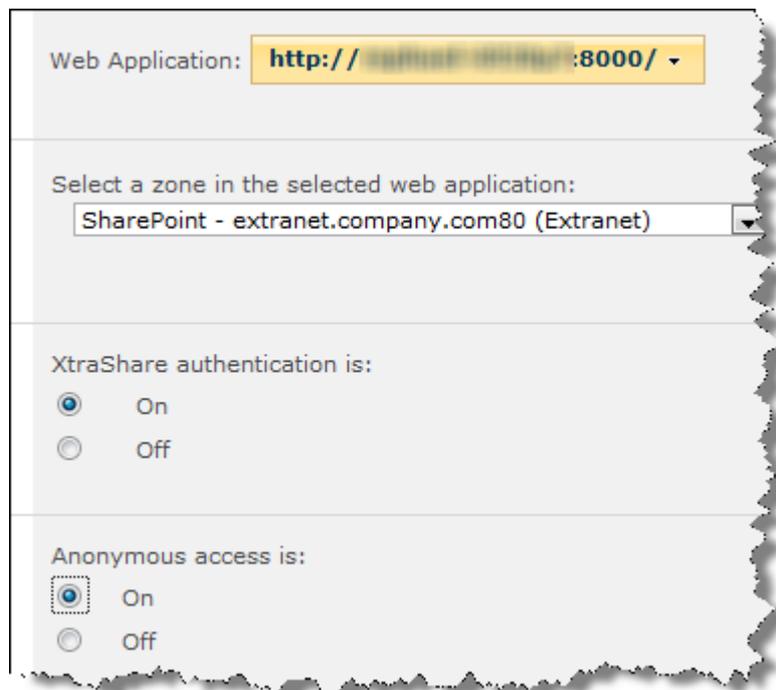
The following screen appears:



On this page, you can adjust the following settings:

1. Select the web application which you want to enable with forms-based authentication on
2. Select the SharePoint zone of the web application
3. Activate or de-activate the XtraShare Forms-Based Authentication by setting the XtraShare authentication radio-button to On or Off
4. Enable the anonymous authentication on the root web site of the selected web application. If you do so, a Login Web Part will automatically be added to the default.aspx page of your root site.
5. Select the default group of self-registering users (in case the self-registering mechanism is used).

The screenshot below shows a web application where XtraShare is about to be configured on the Extranet zone, with anonymous access on the root site collection.



Once you have properly configured these settings, press OK and wait a few moments before the XtraShare activation is complete.

You can now start using your XtraShare-enabled site with the Administrators users only. To add other users and for more information, please refer to the XtraShare User Guide.

## HOW TO UPGRADE XTRASHARE

Upgrading XtraShare to a new version is relatively straightforward, but it is critical that you thoroughly follow the steps below. Some of those steps are optional, depending on the level of customizations you have performed. For instance, if you have manually modified the XtraShare resource files, you will have to perform those optional steps.

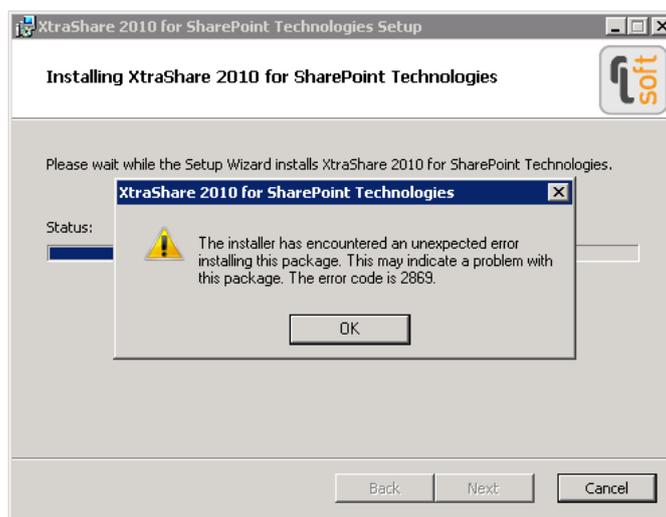
1. **(Optional)** Back up any XtraShare resource file (exs.[*LCID*].resx files in any XtraShare-enabled web application's App\_GlobalResources folder) you may have modified
2. **Stop the World Wide Web Publishing Service** (for instance with "net stop w3svc") **on all web front-end servers in your SharePoint farm** in order to avoid any lock error on XtraShare files that are upgraded.
3. Run the latest XtraShare installer, which will take care of upgrading all the necessary files.
4. **(Optional)** Compare the XtraShare resource files you have backed up in step #1 with the new resource files. If no key has been added, you can safely overwrite the resource files. Otherwise, you will have to incorporate all your customizations into the new resource files.
5. Restart the World Wide Web Publishing Service (for instance with "net start w3svc").
6. Connect to the Database Configuration page in the XtraShare Administration Site, check the ***Upgrade database schema*** checkbox and press the **OK** button.

## TROUBLESHOOTING

### INSTALLATION ERRORS

#### 2869 ERROR

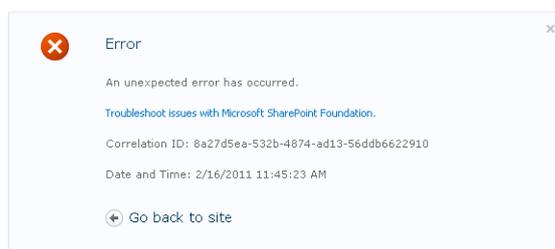
The XtraShare installer might unexpectedly stop and report a 2869 error, as shown in the screenshot below:



The most likely cause of this issue is because User Access Control has not been disabled on the server where XtraShare is to be installed. Please follow the steps at [http://technet.microsoft.com/en-us/library/cc709691\(WS.10\).aspx#BKMK\\_S3](http://technet.microsoft.com/en-us/library/cc709691(WS.10).aspx#BKMK_S3) to turn off UAC, reboot the server and try running the installer again.

### SIGN IN ERRORS

After installing and upgrading XtraShare, you might see the following error message while trying to sign in with an XtraShare account (on an XtraShare-enabled web application):



If that is the case, there are 2 possible reasons for this reason:

1. In IIS Manager → Application Pools, check the service account used to run the **SecurityTokenServiceApplicationPool**. If that account is not a farm account or is not an account used to run a SharePoint web application pool (which is generally the

case in complex deployments with separate services accounts), the XtraShare code does not automatically grant this account owner permissions to the XtraShare database. You will thus need to grant this account db\_owner permissions to the XtraShare database configured in the previous step.

2. In other instances (mostly during upgrades), the .NET Framework hangs to previous versions of the XtraShare assemblies. The solution is to run “iisreset” from the command line on all the SharePoint web front-end servers and delete all the folders in the following folder:

**C:\Windows\Microsoft.NET\Framework64\v2.0.50727\Temporary ASP.NET Files**

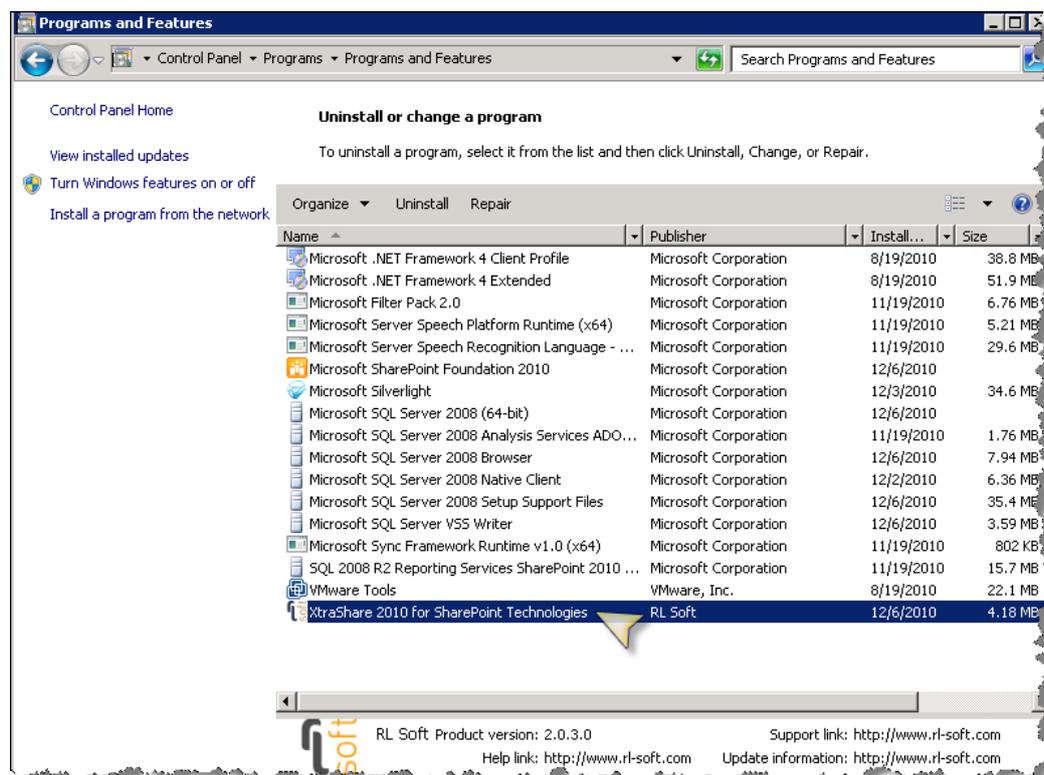
This will reset the .NET Cache and allow you to connect to an XtraShare-enabled site with XtraShare credentials.

## HOW TO UNINSTALL XTRASHARE

Before uninstalling XtraShare, please follow the steps below:

1. Navigate to the “XtraShare Forms-Based Authentication (FBA) Configuration” page in the XtraShare Administration site
2. Check each web application/zone and verify that XtraShare is not enabled on any of these web applications/zones. If so, deactivate XtraShare from all the web applications where it might have been enabled.

Next, uninstall XtraShare from **Programs and Features**:



Once the XtraShare installer has finished running, run the following command line to complete the uninstallation:

```
"%COMMONPROGRAMFILES%\Microsoft Shared\web server extensions\14\bin\stsadm"  
-o copyappbincontent
```