



DataShare Installation Guide

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Pre-requisites

DataShare requires the following:

Web Server

- Microsoft Windows Server 2008+
- Microsoft Internet Information Services (IIS) 7
- Microsoft .NET 4
- MVC 3
- SQL Server Management Objects (v10)
- See <http://technet.microsoft.com/en-us/library/cc268240.aspx> for hardware guidance

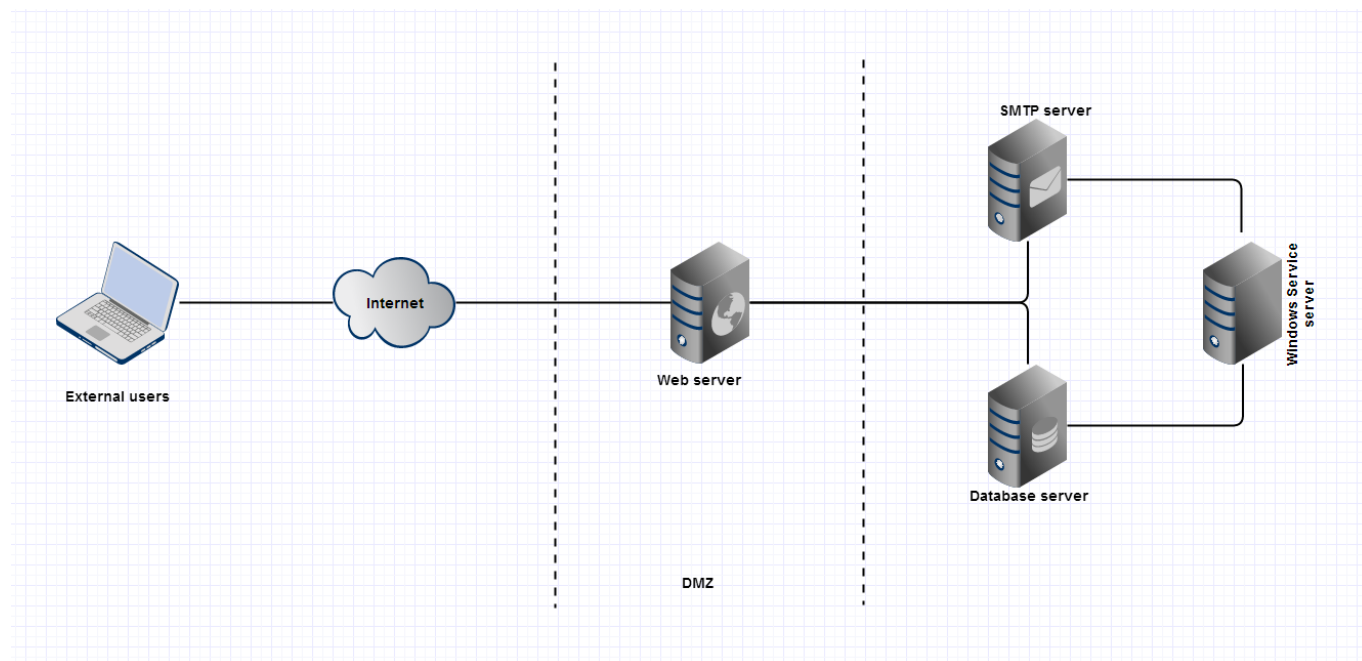
Database Server

- Microsoft Windows Server 2008+
- Microsoft SQL Server 2008
- See <http://msdn.microsoft.com/en-us/library/ms143506.aspx> for hardware guidance

Windows Service Server

- Microsoft Windows Server 2008+
- Microsoft .NET4

Network diagram overview



Unzip the DataShare.zip files

The zip file contains:

- A **DataShare.msi** installation file.
- A **DataShareService.msi** installation file.
- A copy of the DataShare administrator's guide (DataShare Admin User Guide v1_4.pdf)
- The release notes for this version of DataShare (DataShare Release Notes v1_4.pdf)

Installing DataShare v1.4

The following steps will install or upgrade the DataShare web site and supporting database.

Before upgrading an existing DataShare installation please ensure both the current web site files and database are backed up.

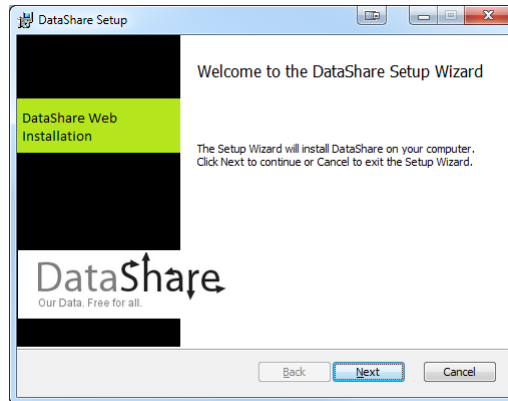
During the installation you will be prompted for the following information. You may find it helpful to have these details to hand before you begin.

Database server details	The name (or IP address) and access credentials of the database server on which the DataShare database is to be installed or upgraded.
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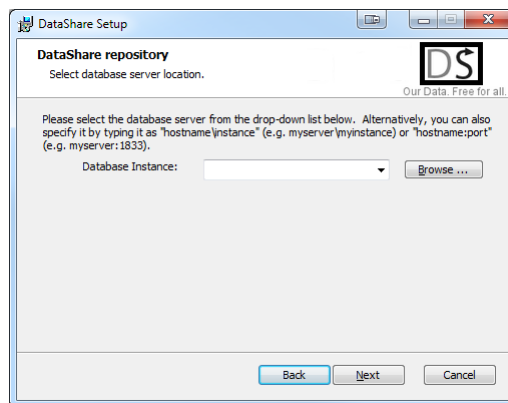
Web site domain	The domain name to be used for the DataShare web site.
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NB: If you wish to use SSL (https) to access the DataShare admin area you will need to apply your certificate to the web site created once the installation is complete.

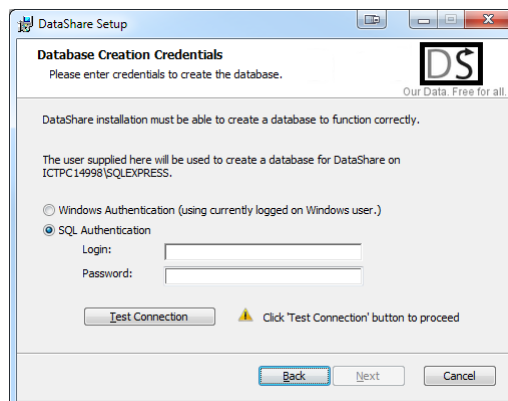
- On the web server, run DataShare.msi to begin the installation process.



- Click Next to continue.

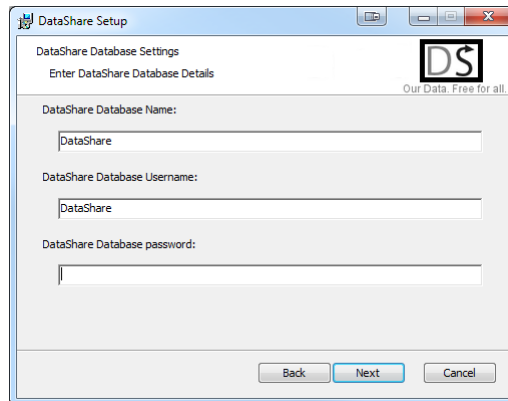


- Select or enter the name/IP address of the database server instance you wish to use.
- Click Next to continue.



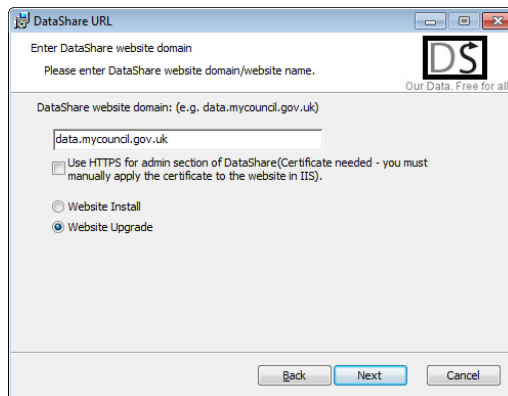
- Select an appropriate method of authentication (and if necessary enter the credentials) of a user that has sufficient permissions to create a database on the server named previously.
- Click the Test Connection button to ensure the credentials are valid.

- Click Next to continue.



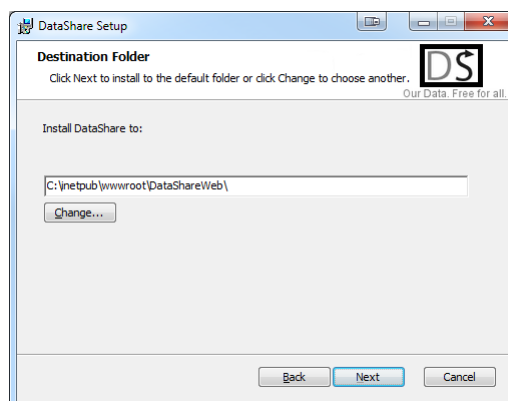
The screenshot shows the 'DataShare Setup' window with the 'Database Settings' tab selected. The title bar reads 'DataShare Setup'. Below the title bar, it says 'DataShare Database Settings' and 'Enter DataShare Database Details'. There is a 'DS' logo and the tagline 'Our Data. Free for all.' on the right. The main area contains three text input fields: 'DataShare Database Name:' with 'DataShare' entered, 'DataShare Database Username:' with 'DataShare' entered, and 'DataShare Database password:' which is empty. At the bottom, there are 'Back', 'Next', and 'Cancel' buttons.

- If you are performing a new installation you will need to enter a name for the database you wish to create (e.g. DataShare) and the name and password of a user to be created to allow the web site to connect to the database. **For an upgrade to an existing installation please ensure that the details you enter here match those of your current DataShare database.**
- Click Next to continue.



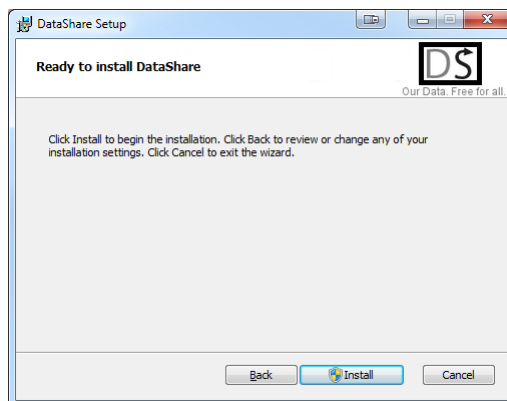
The screenshot shows the 'DataShare URL' window. The title bar reads 'DataShare URL'. Below the title bar, it says 'Enter DataShare website domain' and 'Please enter DataShare website domain/website name.' There is a 'DS' logo and the tagline 'Our Data. Free for all.' on the right. The main area contains a text input field for 'DataShare website domain: (e.g. data.mycouncil.gov.uk)' with 'data.mycouncil.gov.uk' entered. Below this is a checkbox labeled 'Use HTTPS for admin section of DataShare (Certificate needed - you must manually apply the certificate to the website in IIS)'. At the bottom, there are two radio buttons: 'Website Install' and 'Website Upgrade', with 'Website Upgrade' selected. At the very bottom, there are 'Back', 'Next', and 'Cancel' buttons.

- Enter the domain name you are/will be using for your DataShare site. NB: Please enter the domain name only (i.e. do not specify http://)
- Tick the check box if you wish to use SSL (https) to access the admin area of DataShare. You will need to manually apply the SSL certificate to the web site in IIS once the installation process is complete.
- Select whether to install the website and associated IIS application pool or upgrade an existing installation of the DataShare website.
- Click Next to continue.



The screenshot shows the 'DataShare Setup' window with the 'Destination Folder' tab selected. The title bar reads 'DataShare Setup'. Below the title bar, it says 'Destination Folder' and 'Click Next to install to the default folder or click Change to choose another.' There is a 'DS' logo and the tagline 'Our Data. Free for all.' on the right. The main area contains a text input field for 'Install DataShare to:' with 'C:\inetpub\wwwroot\DataShareWeb\'. Below this is a 'Change...' button. At the bottom, there are 'Back', 'Next', and 'Cancel' buttons.

- Select the folder where the web site files should be installed.
- Click Next to continue.



- Click Install to complete the installation.
- For a new installation, once the DataShare web application has installed you will need to manually replace the Redbridge logo image files with those of your own Authority. These are named CouncilLogo.png and can be found in \Content\images and \Areas\Admin\Content\images folders beneath the folder where the DataShare web files were installed.

The replacement files **must be named CouncilLogo.png** and should be **no wider than 220 pixels and no taller than 63 pixels** in size.

This step is not necessary when upgrading an existing installation.

Installing the DataShare Service

The following steps will install the DataShare email notification service.

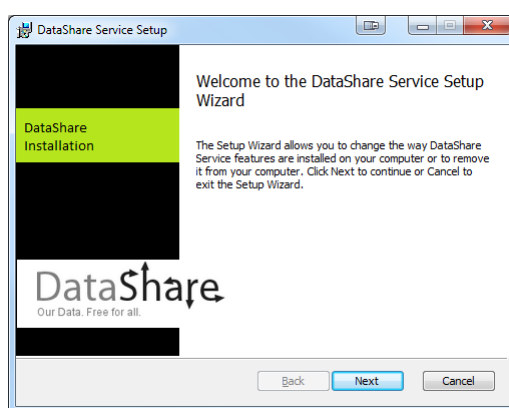
During the installation you will be prompted for the following information. You may find it helpful to have these details to hand before you begin.

Database server details The name (or IP address) and access credentials of the database server on which the DataShare database is installed.

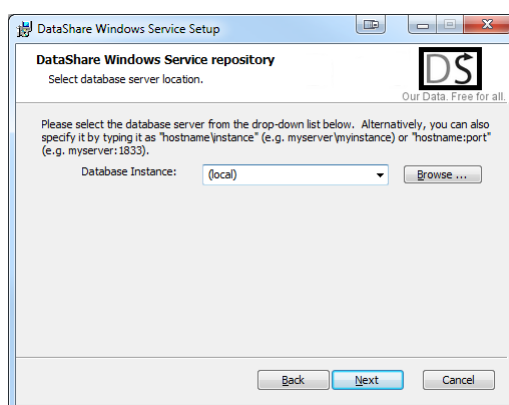
Web site URL The URL of the DataShare web site.

SMTP Server details Details of the SMTP server to be used to send email notifications.

- On the appropriate server, run DataShareService.msi to begin the installation process.

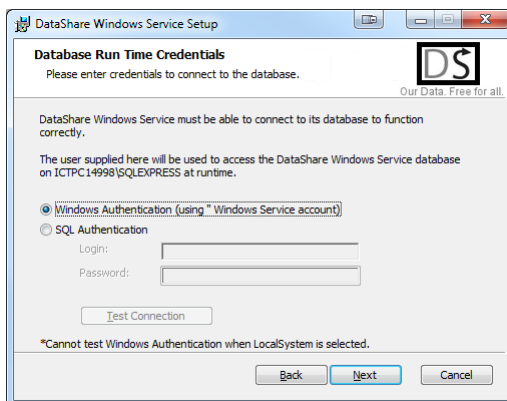


- Click Next to continue.



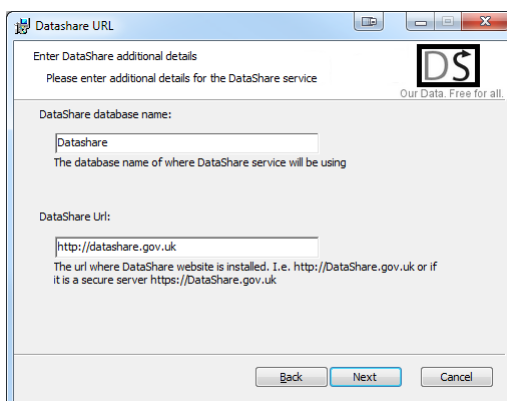
- Select or enter the name/IP address of the database server instance where the DataShare database was created.

- Click Next to continue.



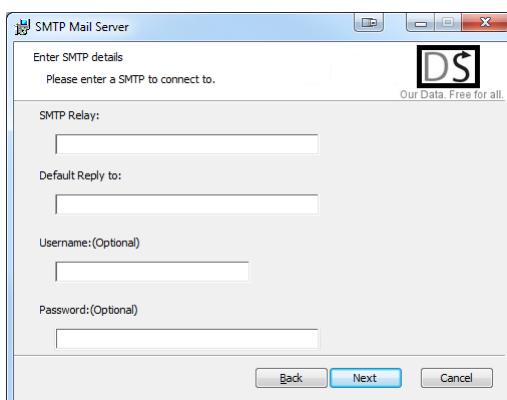
The screenshot shows the 'DataShare Windows Service Setup' window with the 'Database Run Time Credentials' tab selected. The window title is 'DataShare Windows Service Setup'. The main heading is 'Database Run Time Credentials' with a sub-instruction 'Please enter credentials to connect to the database.' and the DataShare logo. A note states: 'DataShare Windows Service must be able to connect to its database to function correctly. The user supplied here will be used to access the DataShare Windows Service database on ICTPC14998\SQLEXPRESS at runtime.' There are two radio button options: 'Windows Authentication (using "Windows Service account")' which is selected, and 'SQL Authentication'. Below the SQL option are 'Login:' and 'Password:' text boxes and a 'Test Connection' button. A footnote at the bottom reads: '*Cannot test Windows Authentication when LocalSystem is selected.' Navigation buttons 'Back', 'Next', and 'Cancel' are at the bottom right.

- Enter the credentials of the DataShare SQL database user.
- Click the Test Connection button to ensure the credentials are valid.
- Click next to continue.



The screenshot shows the 'DataShare URL' dialog box. The title is 'DataShare URL'. The heading is 'Enter DataShare additional details' with the instruction 'Please enter additional details for the DataShare service' and the DataShare logo. It contains two text input fields: 'DataShare database name:' with the value 'DataShare' and a note 'The database name of where DataShare service will be using'; and 'DataShare Uri:' with the value 'http://datashare.gov.uk' and a note 'The url where DataShare website is installed, I.e. http://DataShare.gov.uk or if it is a secure server https://DataShare.gov.uk'. Navigation buttons 'Back', 'Next', and 'Cancel' are at the bottom right.

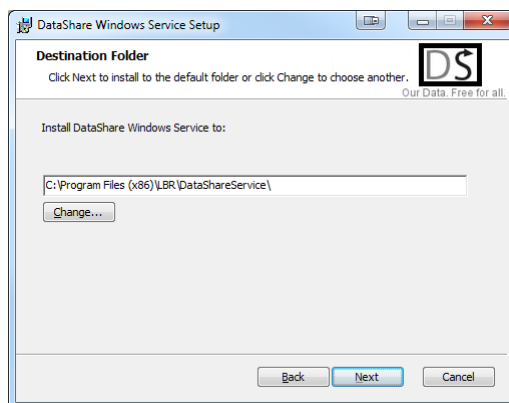
- Enter the name of the DataShare database and URL of the DataShare web site.
- Click Next to continue.



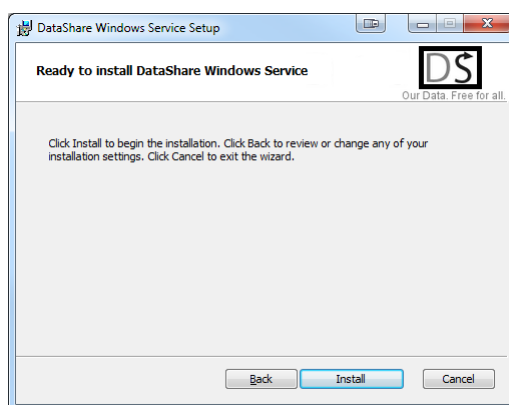
The screenshot shows the 'SMTP Mail Server' dialog box. The title is 'SMTP Mail Server'. The heading is 'Enter SMTP details' with the instruction 'Please enter a SMTP to connect to.' and the DataShare logo. It contains four text input fields: 'SMTP Relay:', 'Default Reply to:', 'Username:(Optional)', and 'Password:(Optional)'. Navigation buttons 'Back', 'Next', and 'Cancel' are at the bottom right.

- Enter the details of the SMTP mail server that the service will use to send email reminders.

- Click Next to continue.



- Select the location where the DataShare service files should be installed.
- Click Next to continue.



- Click Install to complete the installation.

Run the website

- Open a browser and go to <http://<datashareurl>/admin>
- For a new installation please use the following credentials to log on to the site:

Username: admin

Password: p4ssword

NB: Once logged in click the Change password button to change the admin user's password.

Upgraded installations will need to use their existing Super Administrator credentials.

- Complete the system set up using the Edit system configuration menu option. You will be asked to provide the following details:

Council Name The name of your authority.

Council URL The URL of the main council website.

Council URI The URI of your authority on the DCLG linked open data portal, e.g. the URI for Redbridge is <http://opendatacommunities.org/id/london-borough-council/redbridge>.

	The URI that can be found at http://opendatacommunities.org .
Spatial Geography URI	The spatial geography URI of your Authority on the ONS linked data portal, e.g. the spatial URI for Redbridge is http://statistics.data.gov.uk/id/statistical-geography/E09000026 . The URI can be found at http://statistics.data.gov.uk/explore .
Analytics Tracking Ref	If you wish to use Google Analytics to track visits to DataShare you must provide the tracking ID of the property you will be using.
Geographic centre	The longitude and latitude of the point that you would like any map view to be centred on. You can set these easily by dragging the marker on the map to the required location.
Default map zoom	The zoom level you would like any map view to start on. This should be a number between 1 (the whole world) and 18 (individual streets). You can also set this value by adjusting the zoom control on the map displayed.

Click the **Save** button.

4. For new installations confirm that Upload is working correctly:
 - a. Go to Add and edit categories and create a new Category.
 - b. Go to Create and edit schemas and create a schema.
 - c. Go to Upload and edit data and upload a test dataset.

For more detailed instructions on these steps please refer to the DataShare Admin User Guide.