

Administrator Next Steps

March 2017



1 Overview

SQL Sure protects your database objects' source code. Fully-integrated in Microsoft™ SQL Server™ Management Studio. Check the object out for development and lock it to protect the artefact from being overwritten. A backup copy is always available with a full history of every change.

- Compatible with SSMS 2012, 2014 and 2016.
- Repository is kept in the database, no external file systems to maintain.
- Intuitive, simple, effective source control.

Link objects to a release project for simple deployment across environments. Development to UAT to Production – simple. There is always a backup copy made before deploying the object to the next environment.

- Create a deployment project during check-out or simply add more objects to the project.
- Include file based scripts such as data inserts, configuration scripts and the likes for deployment - all script data is stored in the database.
- Select your project, select the “from” and “to” environments and click “Go”, no more release disasters.
- All release objects are automatically backed-up before changes are released.

A developer's dream...

- Powerful search in all database objects.
- Compare your object's code across multiple environments.
- View object differences between environments, line by line.
- View an object's full history trail.
- User administration and role-based security.
- Simple, effective source control and deployment for your database.

2 Next Steps

This document is intended for System Administrators using Microsoft™ SQL Server™ Management Studio. It assumes that you have successfully installed all the required application files through the SQLSure Installer application available on our website www.sqlsure.com.

After installation and upon first use of SQLSure, the application requires you to perform the following steps:

- Set up your data store connection
- Create your server groups
- Configure your user details
- Configure your environmental login credentials for each of the servers defined in your server group(s).
- Administer the user role settings

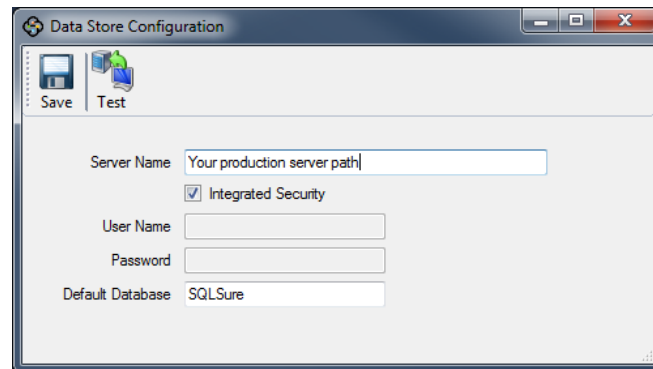
As an administrator, please create the logins for each of the system users in your data store database as defined during the system installation. The users can have full access rights to all the tables and stored procedures in your data store.

3 Data Store Settings

3.1 Description

The data store is typically the location of the database where all object changes are stored. This setting is the main connection used to access the source control database.



3.2 User Interfaces



3.3 User Interface Fields

Field	Description	Explanation
Server Name	The name of the SQL Server instance on the network.	The fully qualified SQL Server network instance name.
Integrated Security	Use the Windows integrated security for the connection to this server.	
User Name	If not integrated security, specify the user name for this server connection.	
Password	If not integrated security, specify the user password for this server connection.	
Database Owner	The default database owner to use.	Optional field.

3.4 User Interface Actions

Toolbar Button	Description
	Save the data store settings.
	Test the data store connection.

4 Server Group Definition

4.1 Description

The server group(s) is a set of servers available in the same functional area of your environment. Typically your server group will identify your company projects.

4.2 User Interfaces



The screenshot shows a window titled "Server Groups" with a toolbar containing a green plus icon and a floppy disk icon, labeled "New" and "Save". The main area is divided into four sections, each representing a different server environment:

- Development:** Server Group Name: "Group 1". Server Alias: "Development G1". Server Name: "Your development server path". Server Role: "Development" (dropdown). Release Order: "1".
- User Acceptance Testing:** Server Alias: "UAT G1". Server Name: "Your UAT server path". Server Role: "User Acceptance Testing" (dropdown). Release Order: "2".
- Pre-Production:** Server Alias: "PreProd G1". Server Name: "Your pre-prod server path (if any)". Server Role: "Pre-Production" (dropdown). Release Order: "3".
- Production:** Server Alias: "Prod G1". Server Name: "Your production server path". Server Role: "Production" (dropdown). Release Order: "4".

4.3 User Interface Fields

Field	Description	Explanation
Server Group Name	A friendly name for this server group	
Server Alias	A friendly name for this server	A list of server aliases set up during the software installation.
Server Name	The name of the SQL Server instance on the network.	The fully qualified SQL Server network instance name.
Server Role	Select the server role.	
Release Order	Numeric value.	This will determine the display order of the servers during the release process.

4.4 User Interface Actions

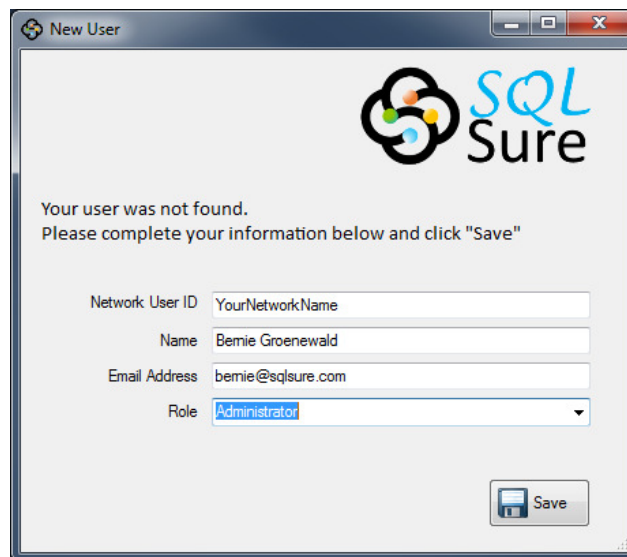
Toolbar Button	Description
	Save the data server group settings.
	Add a new server group.

5 Add New User


5.1 Description

This section is used for the addition of a new system user and associating the user with a pre-defined role.

5.2 User Interfaces



New User

 SQL Sure


Your user was not found.
Please complete your information below and click "Save"

Network User ID

Name

Email Address

Role

 Save

5.3 User Interface Fields

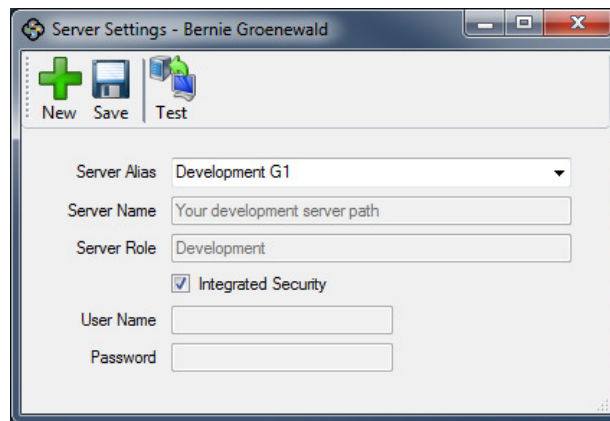
Field	Description
Network User ID	The network id associated with the user.
Name	The name of the user.
Email Address	The email address of the user for system notifications.
Role	Select one of the pre-defined roles for this user.

6 Server Setup

6.1 Description

Every user is uniquely identified in the system. Every action of the user affecting the database object is recorded with the user's credentials. Access to database objects is determined by the set of user servers and the authentication used to connect to the server. These permissions are set in the database by existing functionality embedded in the database management system.




6.2 User Interfaces



6.3 User Interface Fields

Field	Description	Explanation
Server Alias	Select one of the defined server aliases in the list.	A list of server aliases set up during the software installation.
Server Name	The name of the SQL Server instance on the network.	Pre-defined during the server group definition.
Server Role	Select the server role.	Pre-defined during the server group definition.
Integrated Security	Use the Windows integrated security for the connection to this server.	
User Name	If not integrated security, specify the user name for this server connection.	
Password	If not integrated security, specify the user password for this server connection.	

6.4 User Interface Actions

Toolbar Button	Description
	Add new user server.
	Save the server settings.
	Test the connection settings.

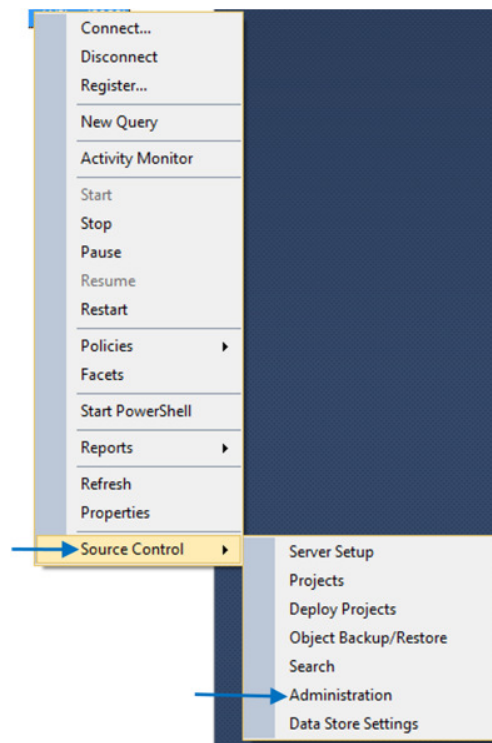
7 Administration – Role Settings

7.1 Description

During the installation process, all system roles have been assigned all the system functions. The administrator is advised to remove unnecessary access rights from the roles as required by your organizational security policies.

7.2 User Interfaces

Right-clicking on any database or on the top level root item in the object explorer in SQL Server Management Studio, will show the popup menu below:



Selecting the “Administration” menu option will show the screen below. Select the “Role Settings” tab to show the setting per role.

The screenshot shows the 'Administrator' window with the 'Role Settings' tab selected. The window displays a table of permissions for five roles: Developer, Releaser UAT, Releaser Pre-Prod, Releaser Prod, and Administrator. The permissions are organized into several categories, each with a sub-header and a list of items. Each item has a checkbox indicating whether the role has permission for that item.

	Developer	Releaser UAT	Releaser Pre-Prod	Releaser Prod	Administrator
Build (Check Out)					
Development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Allow "Modify" if checked out					
UAT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pre-Production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Projects					
Project Maintenance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Release					
Release to UAT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Release to Pre-Production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Release to Production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Create Backup Set					
Development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UAT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pre-Production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Restore Objects					
Development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UAT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pre-Production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Administration					
Administer System	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>