



NTP Software Modeling & Analysis

SQL Server Database
Configuration for Windows
2003

Abstract

This paper details the method for installing NTP Software Modeling & Analysis from an Administrator perspective. Upon completion of the steps within this document Modeling & Analysis will be installed within your Enterprise community.

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NTP Software Modeling & Analysis Guide to SQL Configuration for Windows 2003

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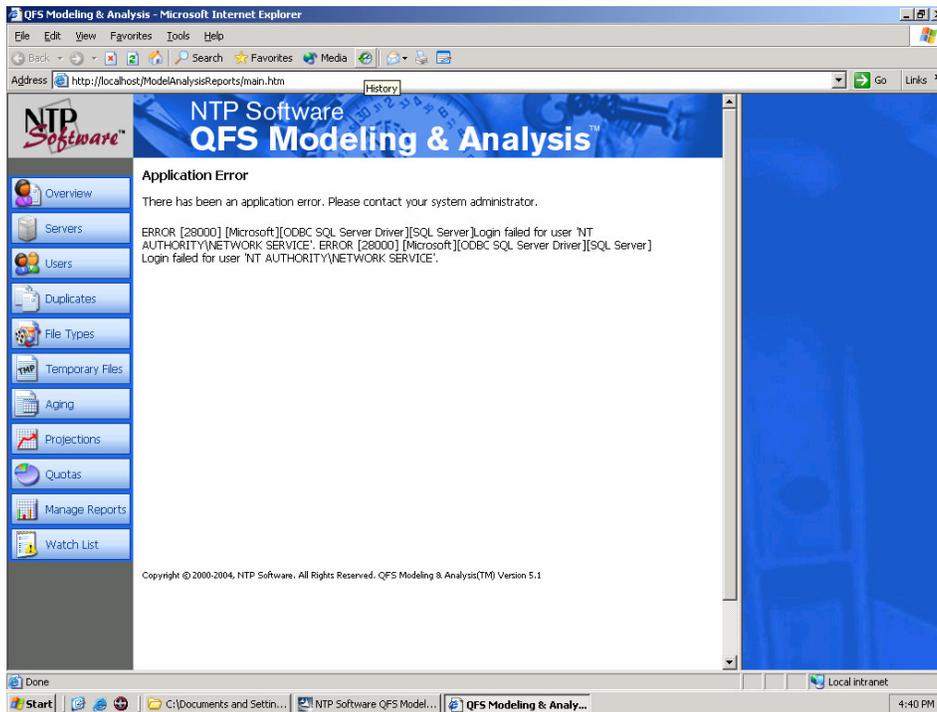
Introduction

During installation of NTP Software Modeling & Analysis you have the option to allow setup to create your databases. If you choose to allow this and you are running NTP Software Modeling & Analysis on a Windows 2003 operating system it will then be necessary to modify your SQL Server or MSDE settings to give appropriate permissions for Modeling & Analysis utilities to access the database.

This document is a guide to the successful installation of the SQL Server Web Database Administrator utility and its use to correctly configure NTP Software Modeling & Analysis to properly function in a new installation. It will take you about 15 minutes to complete the steps provided here.

Microsoft SQL Web Data Administrator Utility

The first time Modeling & Analysis Reports is run in a Windows 2003 environment an error will occur if the database permissions have not been configured correctly. The error will read “Login failed for user NT AUTHORITY\NETWORK SERVICE.”



The service account is created by default in Windows 2000 and XP however Windows 2003 does not automatically do so. To administer your SQL Server permissions, the Microsoft SQL Web Data Administrator utility can be used.

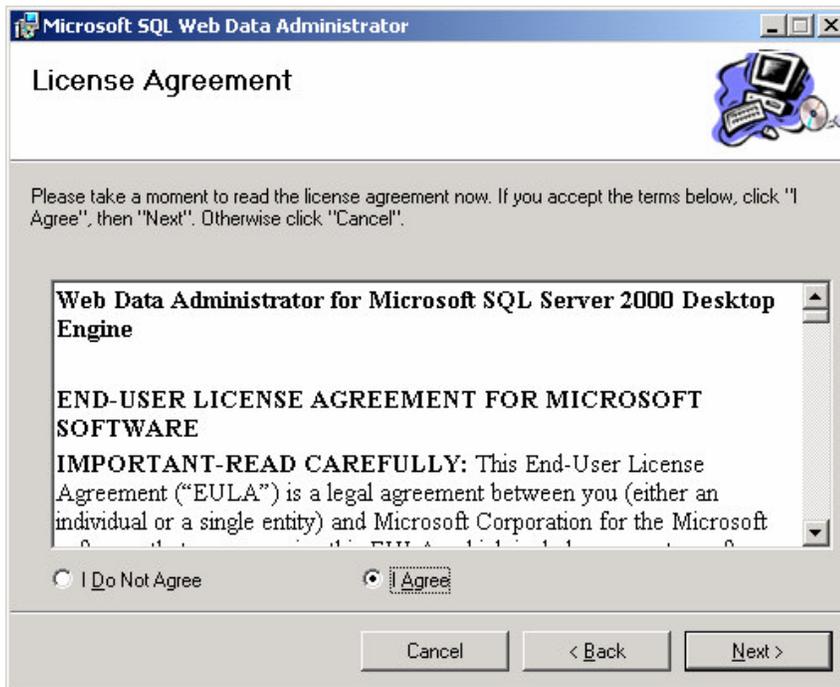
This program is available free from Microsoft. At the time this document was written it can be easily located on Microsoft’s Download website by entering ‘SQL Web Data Administrator’ in the **Keywords** box and selecting **Go**.

Installing the Utility

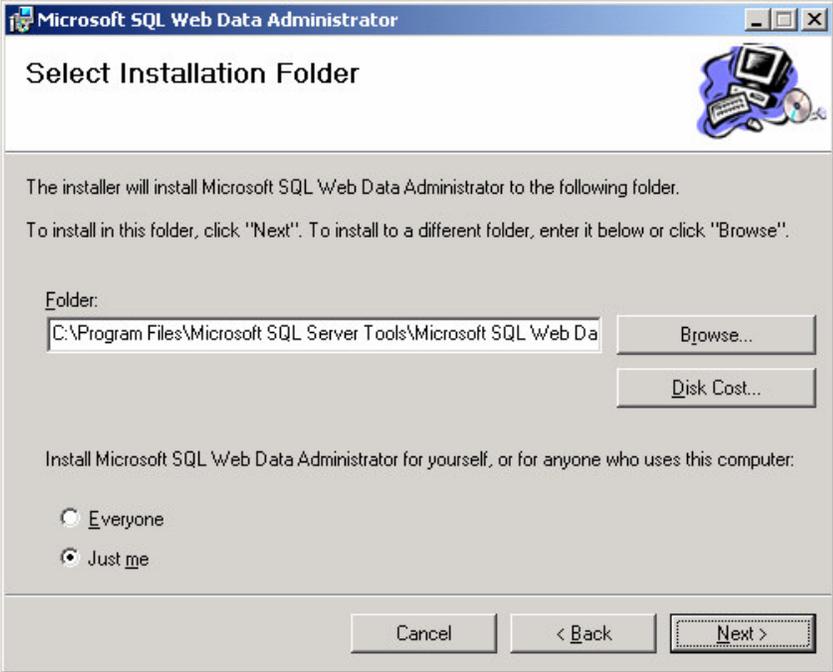
1. The downloaded file is named **Setup.msi**. Double click the downloaded file to begin the installation. The Welcome window appears, click **Next**.



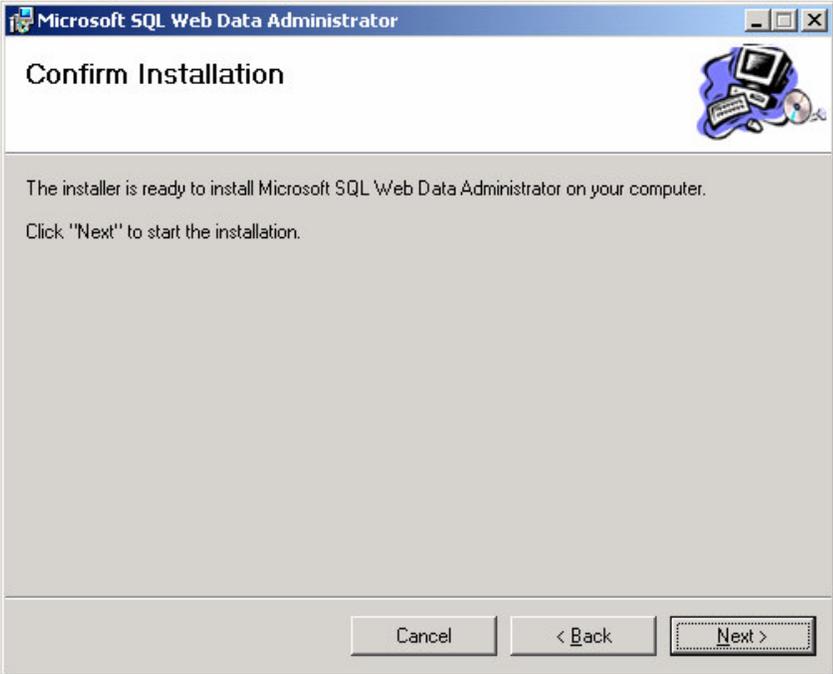
2. Accept the License Agreement and click Next.



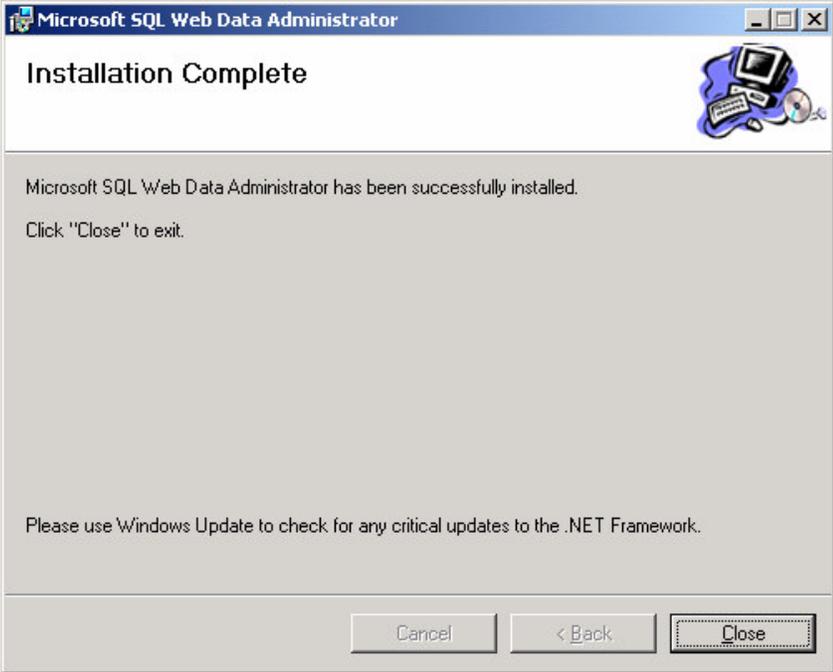
3. Select your Installation Folder and determine who will have access to the administration tool. Click **Next**.



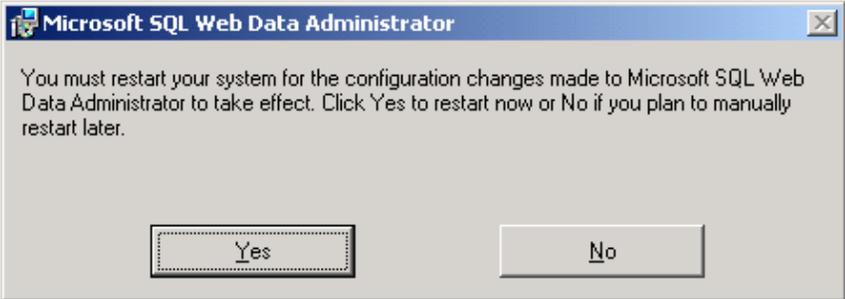
- 4. Confirm the installation by clicking on **Next**.



- 5. The Installation Complete window appears after the process finishes. Click on **Close** to complete the installation.

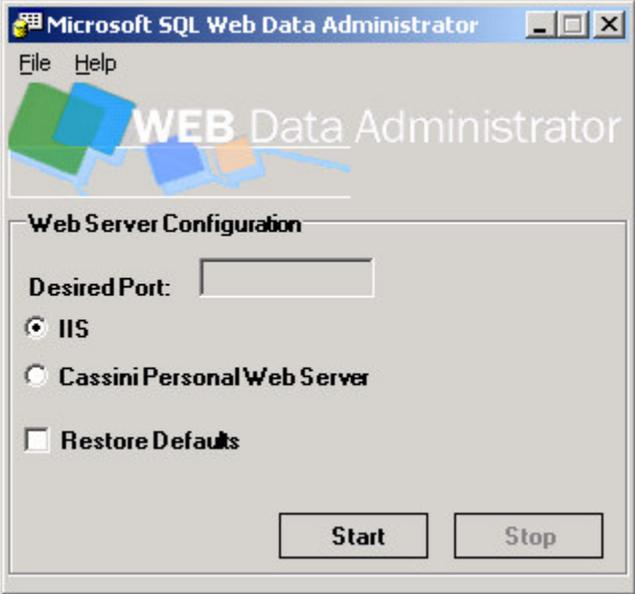


- 6. You will then be prompted to reboot the server for the installation changes to take effect.

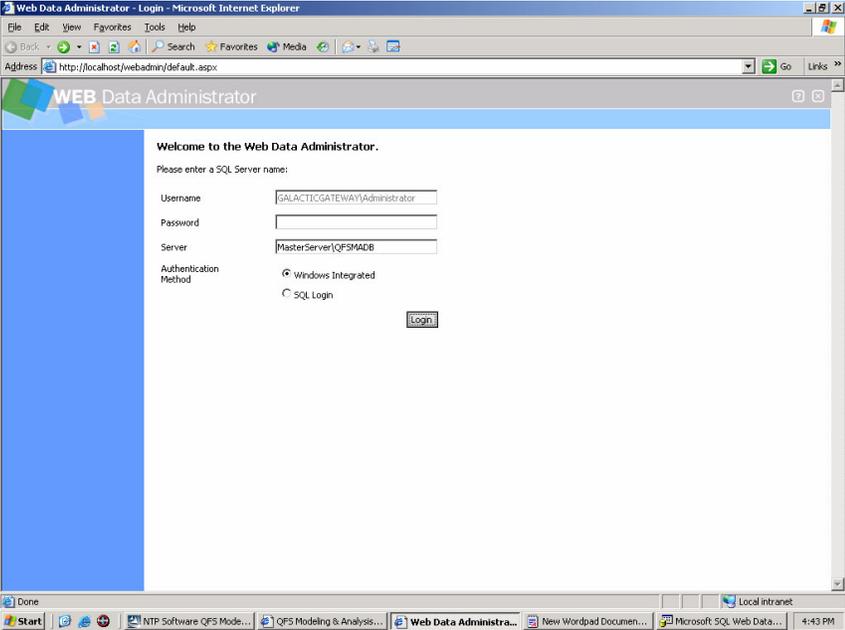


Administering SQL Server for Modeling & Analysis

- 1. Start the **Microsoft SQL Web Data Administrator** program from the Start menu. Click on **Start** to begin.

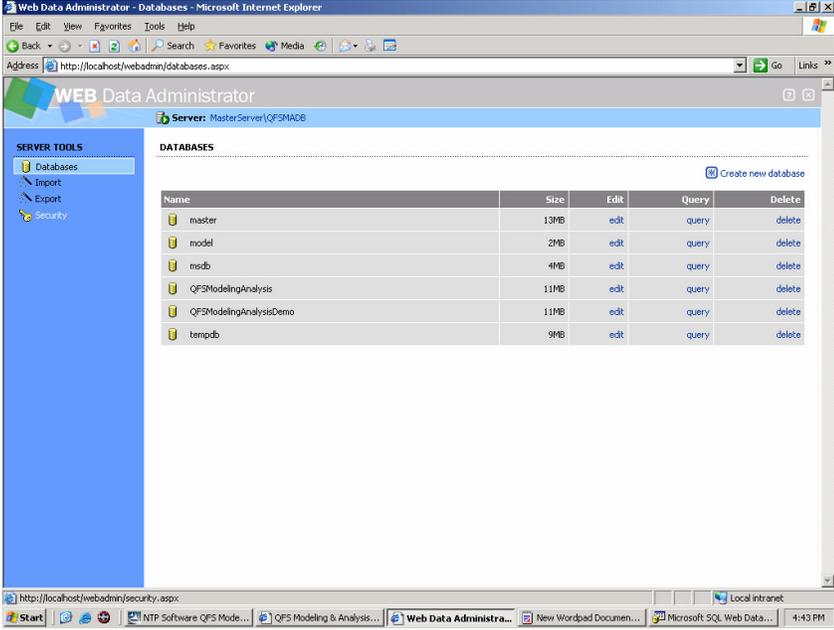


- 2. The Welcome page will open in your web browser. Here you will see the Username for your Windows account by default. You can select SQL Login to change the account used or enter the full SQL Server name and click **Login**.

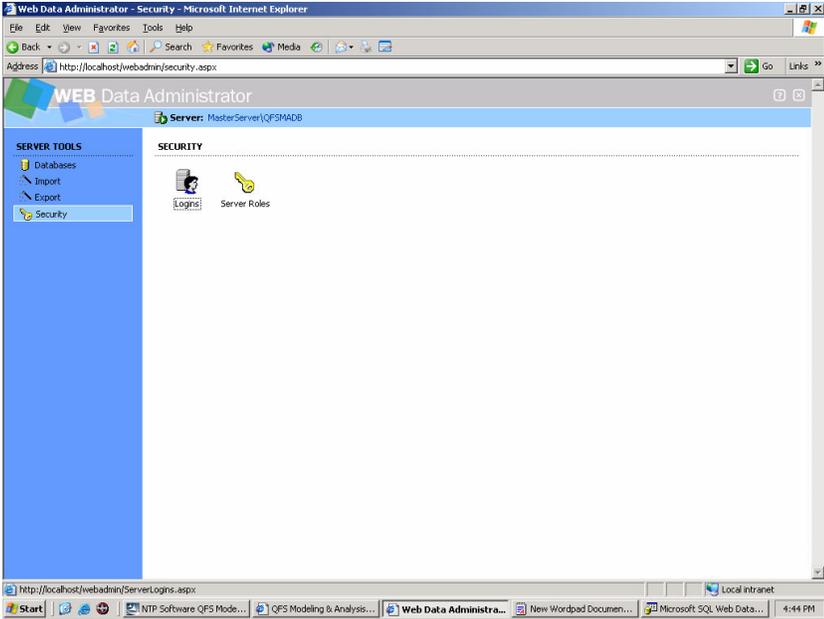


- 3. On the Databases page click on **Security** in the left column.

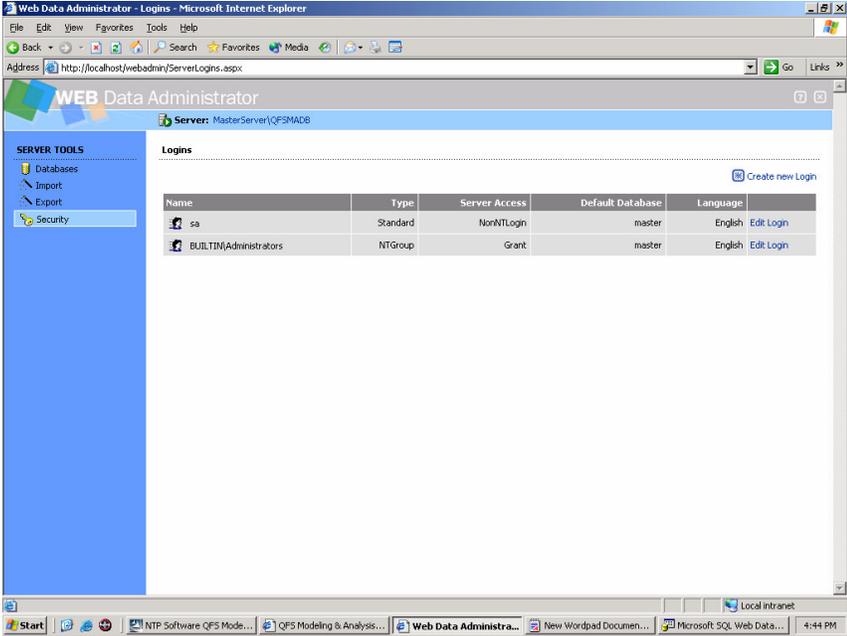
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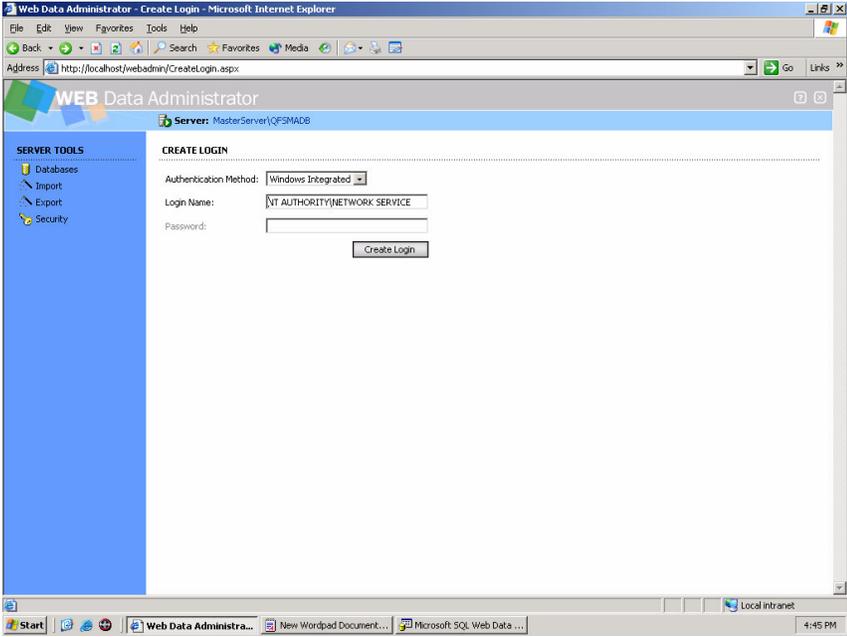
4. The Server name appears at the top of the Security page. Click on **Logins**.



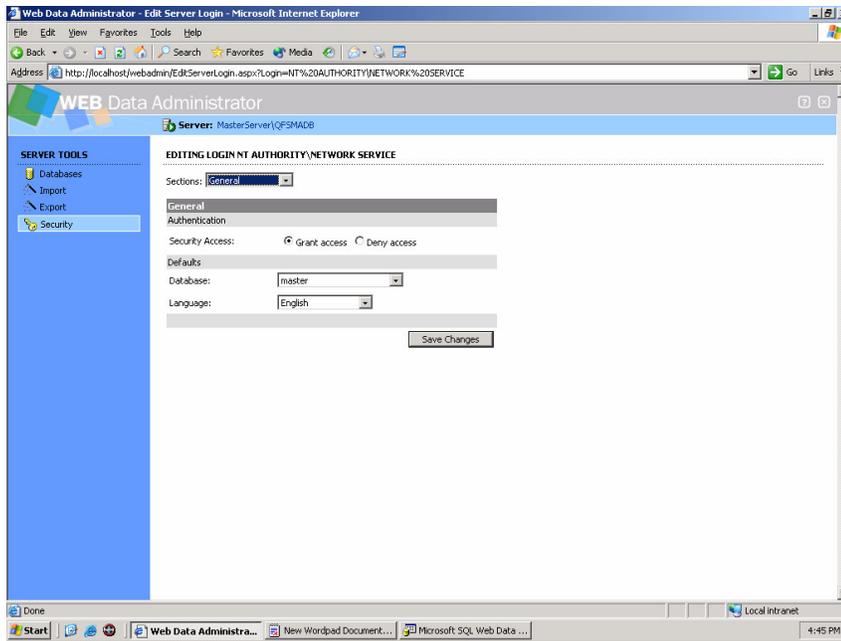
5. Any default or previously configured accounts will be seen in the Logins window. Click on **Create New Login**.



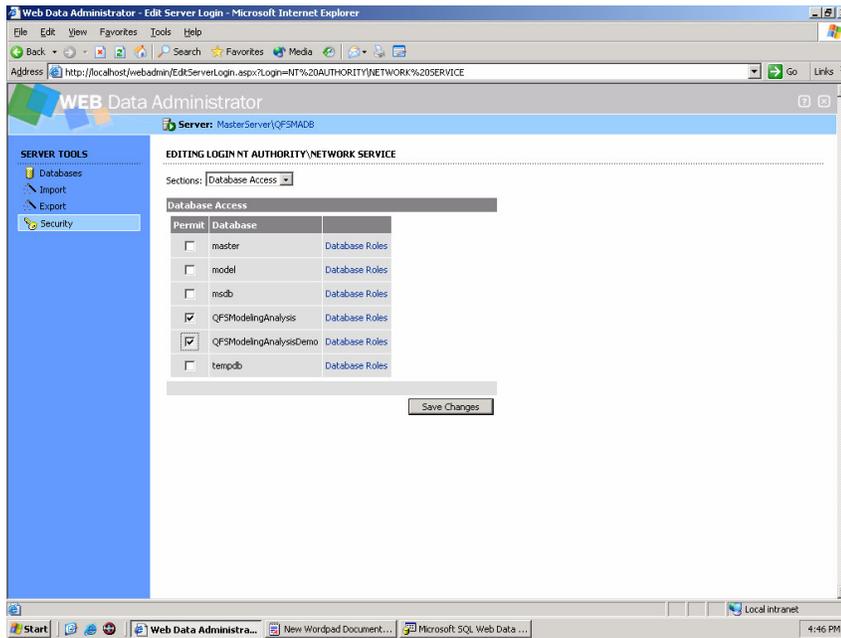
- 6. Enter "NT AUTHORITY\NETWORK SERVICE" in the Login Name field and click on **Create Login**.



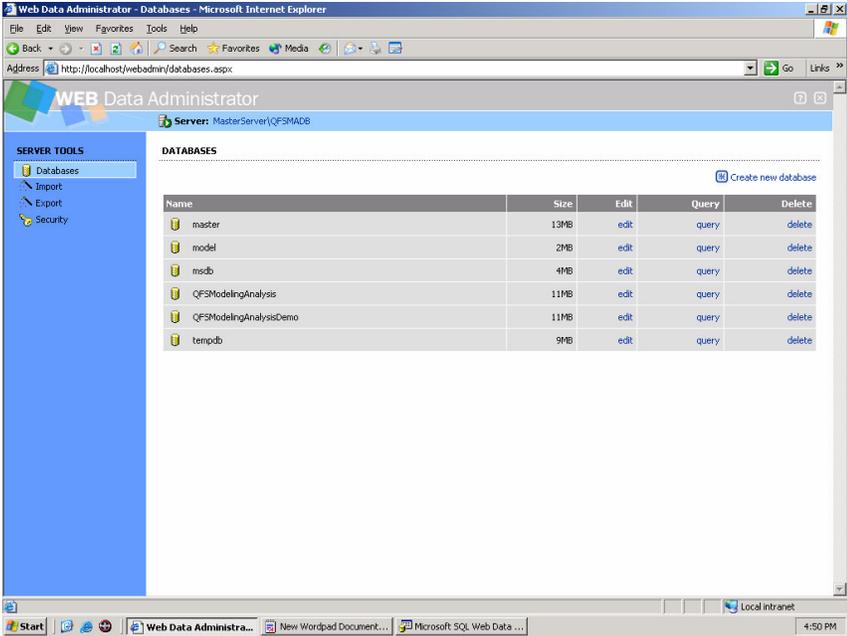
- 7. The General section of the NT AUTHORITY\NETWORK SERVICE login account is displayed.



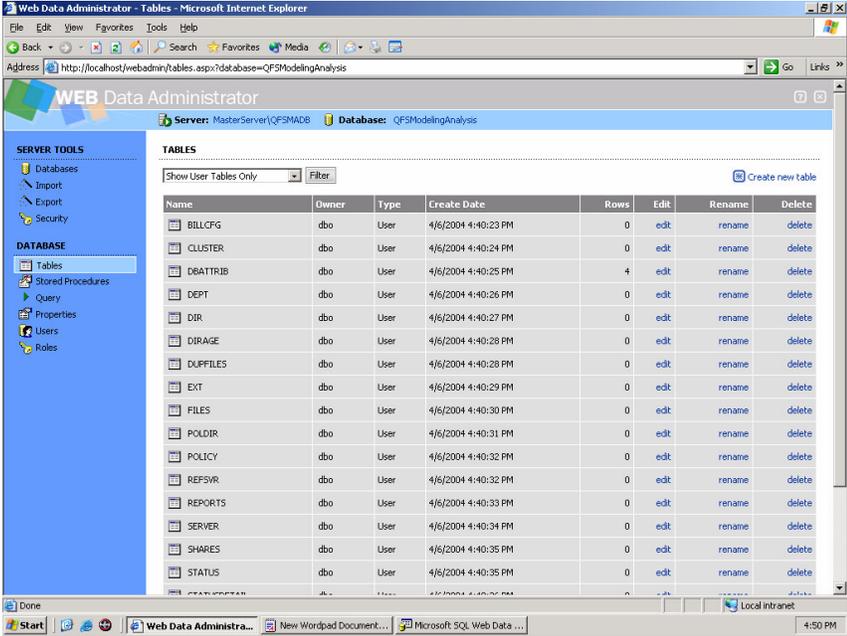
8. Select **Database Access** from the dropdown menu to display the Access permissions. Select QFSModelingAnalysis and QFSModelingAnalysisDemo and click on **Save Changes**.



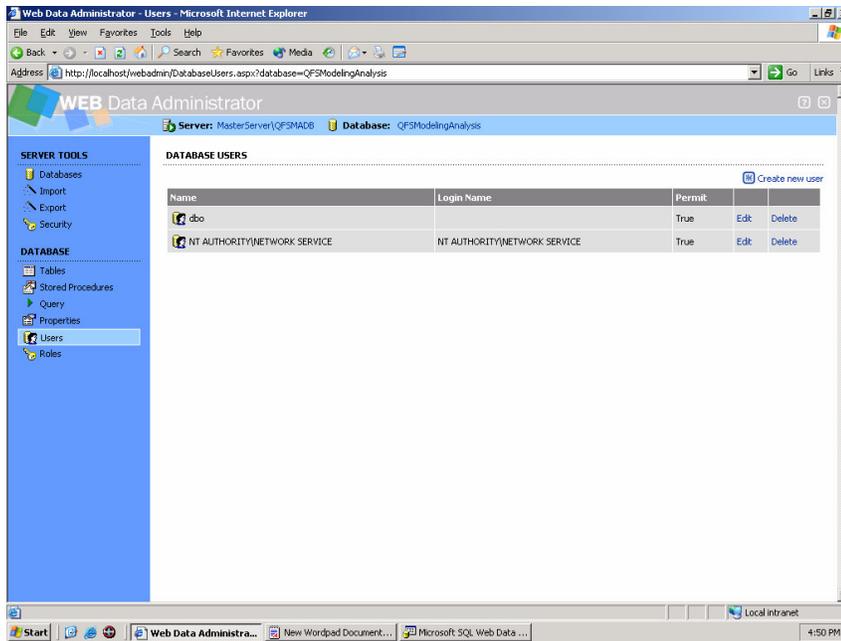
9. In the left column click on the **Databases** link to display a list of existing databases.



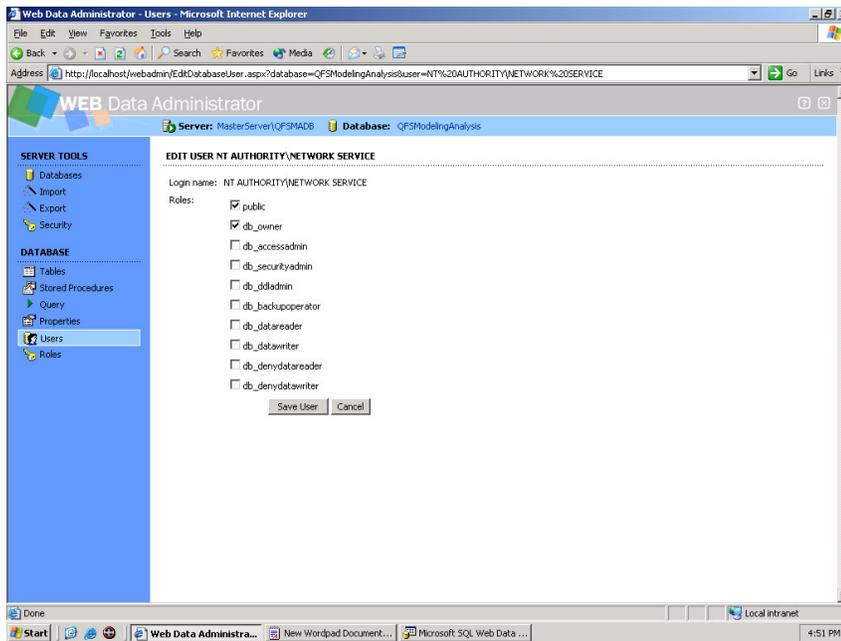
10. Next to QFSModelingAnalysis click on Edit to open the Tables view.



11. Click on Users in the left column to open the Database Users page.



12. Click on Edit next to the NT AUTHORITY\NETWORK SERVICE entry in the Users list. Select db_owner and click on **Save User**.



13. Close Internet Explorer and click on Stop in the Administrator tool.

References

5680EF QFS Modeling & Analysis Quick Start Guide

NTP Software Professional Services

For further assistance with Storage Investigator or in creating a corporate Storage Management Policy, please contact your NTP Software Representative at 800-266-2755 or 603-622-4400.

NTP Software Professional Services offers training and consulting services in support of the deployment and configuration of your Storage Resource Management software.

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