Tech Note 892

Configuring Microsoft SQL Server 2008 Express Server Authentication for Use with InTouch Alarm DB Logger

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Topic#: 002699
Created: October 2012

Introduction

In some cases, InTouch is installed on a machine without Microsoft SQL Server. When SQL Server is not installed in the machine where you are installing InTouch, InTouch installs SQL Server Express. You can also install SQL Server Express manually.

The InTouch Alarm DB Logger requires a SQL-Authenticated connection. However, by default, SQL Server Express does not enable the **SQL Server and Windows Authentication mode**. This option must be configured manually after the installation.

Note: If SQL Server is already installed, InTouch's Alarm DB Logger will make use of it.

When InTouch installs SQL Server Express, complete the following steps to turn on **SQL Server and Windows Authentication mode** and enable the **sa** account.

See **Tech Note 892G Ändern der Microsoft SQL Server 2008 Express Serverauthentifizierung nach InTouch 2012 Installation** for the German version.

Application Versions

- Microsoft SQL Server Express 2008
- Wonderware InTouch 2012

Procedure

1. Download and install the x86 version of SQL Server 2008 Management Studio Express from **http://www.microsoft.com/download/en/details.aspx?id=7593**.
2. Start after successful installation the SQL Server Management Studio.

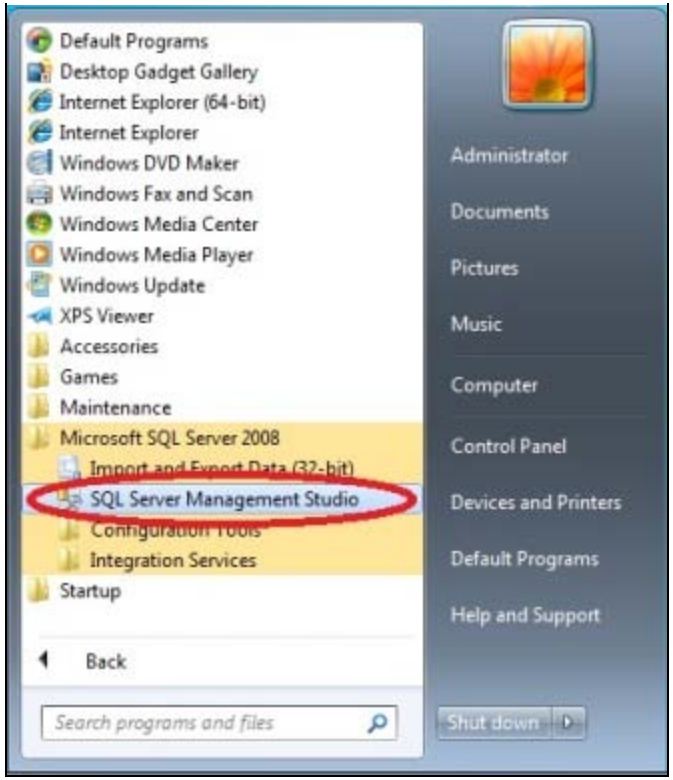


FIGURE 1: START SQL SERVER MANAGEMENT STUDIO

3. Login to SQL Server.

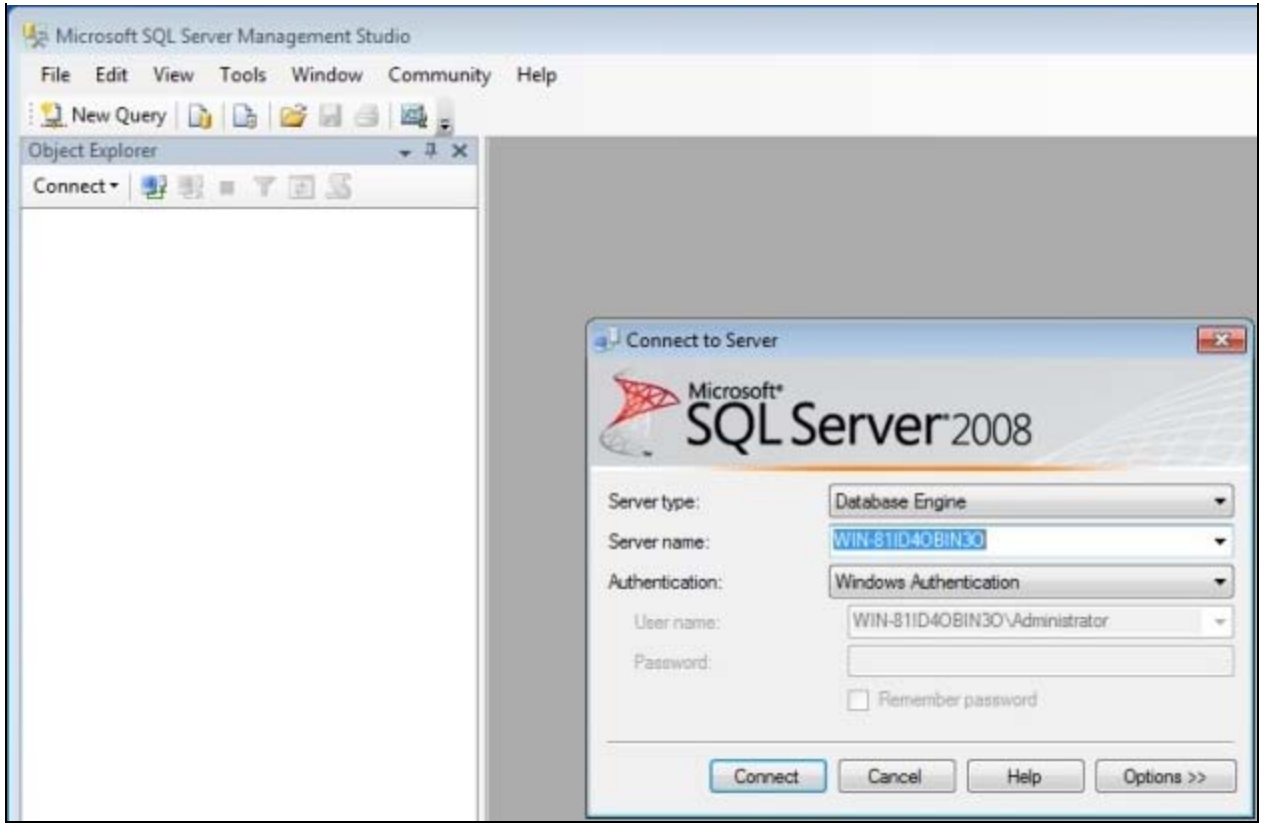


FIGURE 2: LOGIN WINDOW

4. Open the Server Properties by right-clicking it and clicking **Properties**.

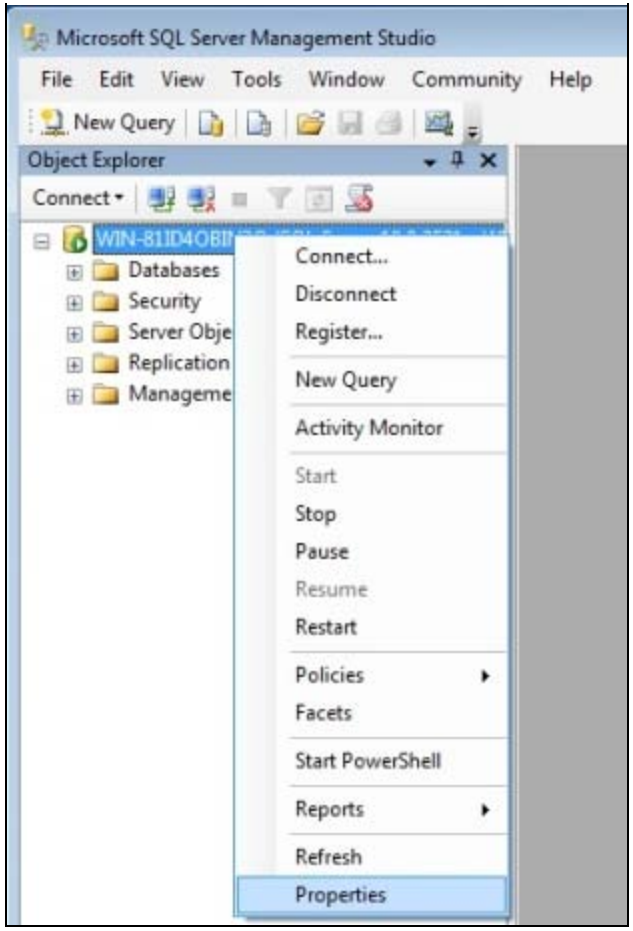


FIGURE 3: SQL SERVER PROPERTIES

5. Change the Server authentication setting on the **Security** Page to **SQL Server and Windows Authentication mode** and click **OK**.

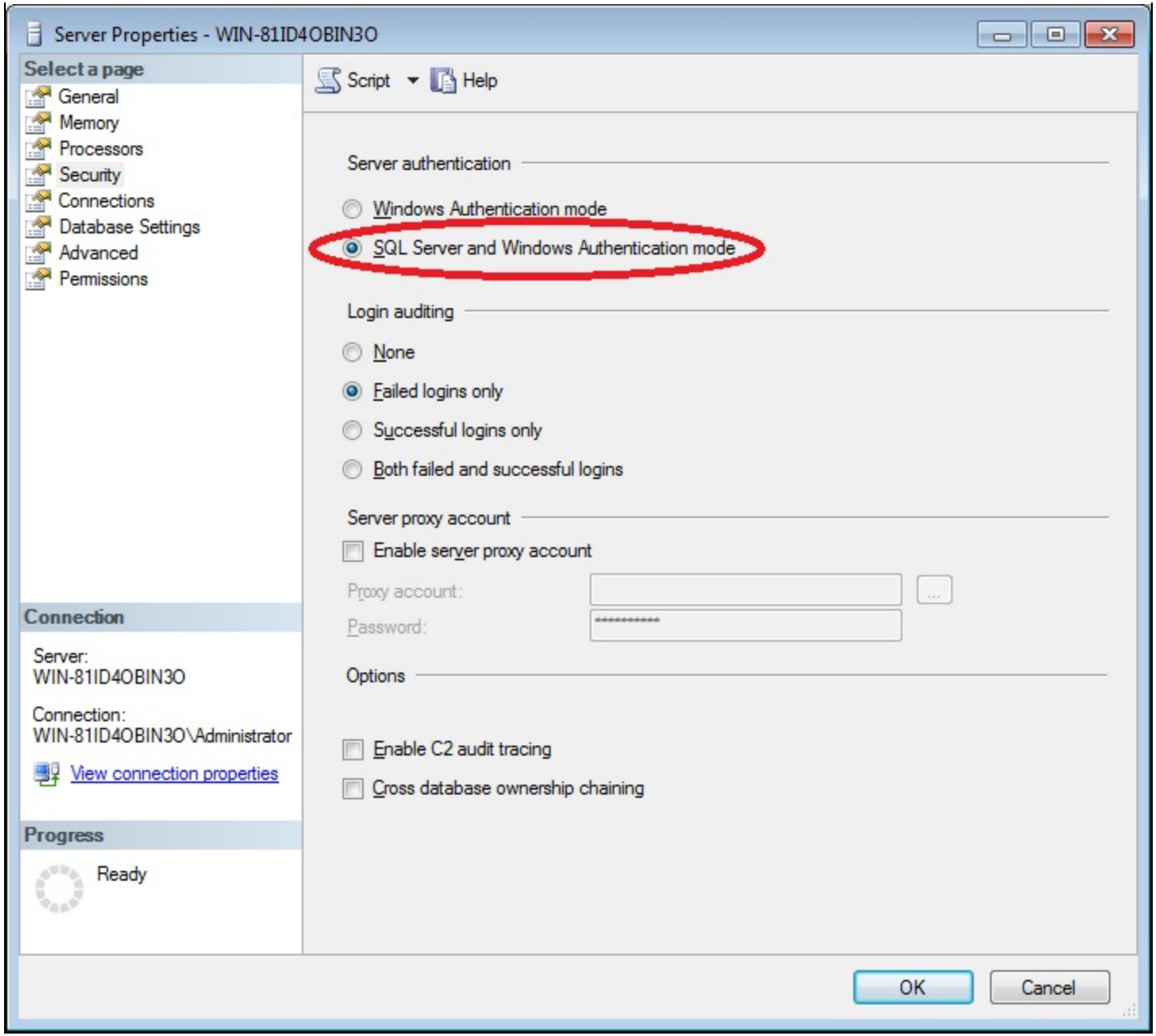


FIGURE 4: CHANGE TO SQL SERVER AND WINDOWS AUTHENTICATION MODE

At the Server root, **Security / Logins / sa** is disabled (red arrow).

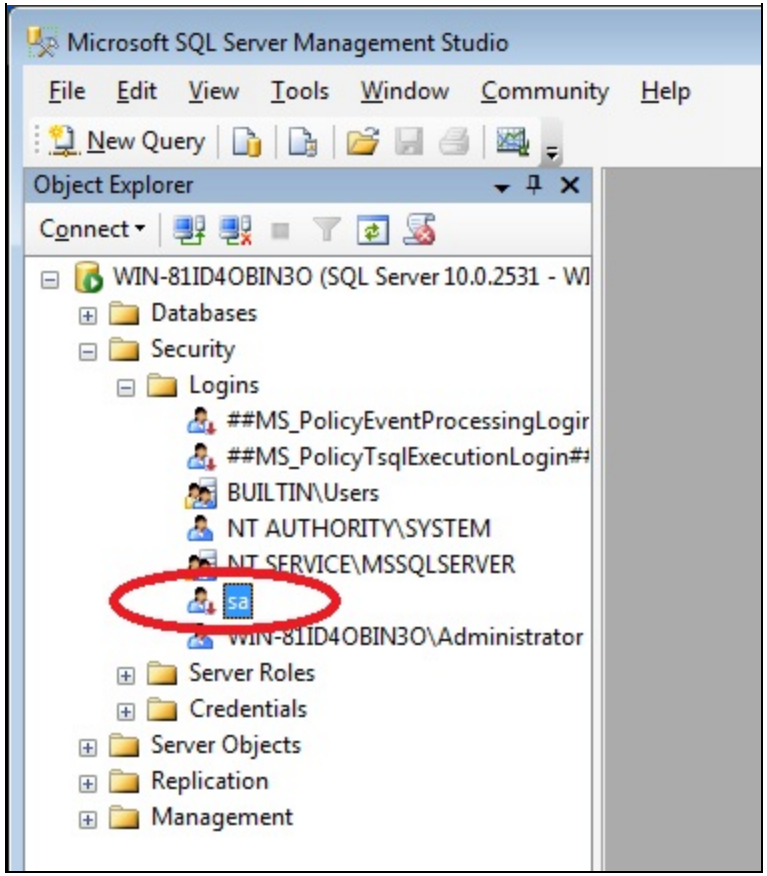


FIGURE 5: SA LOGIN IS DISABLED

6. Right-click **sa** and click **Properties**.

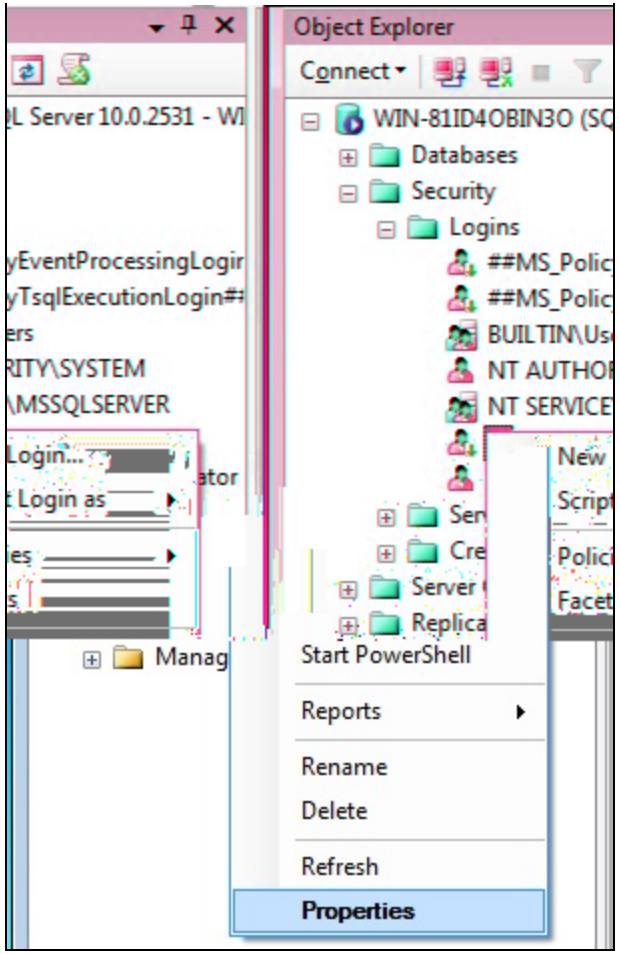


FIGURE 6: SA PROPERTIES

7. Set a new Password for the sa User in the **General** page (Figure 7 below).

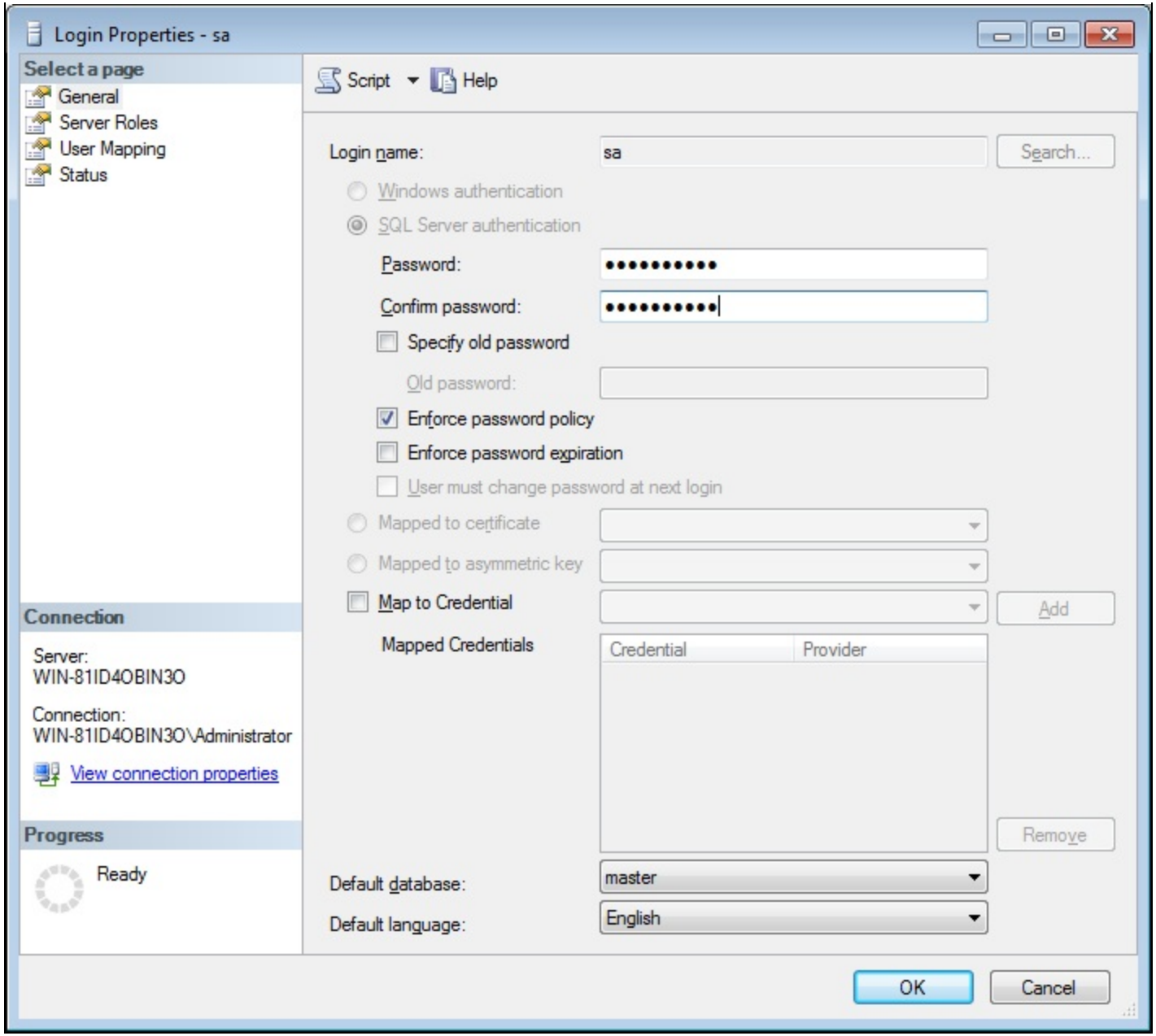


FIGURE 7: SET UP A PASSWORD FOR SA

8. Click **Status** and Enable the Login (Figure 8 below).

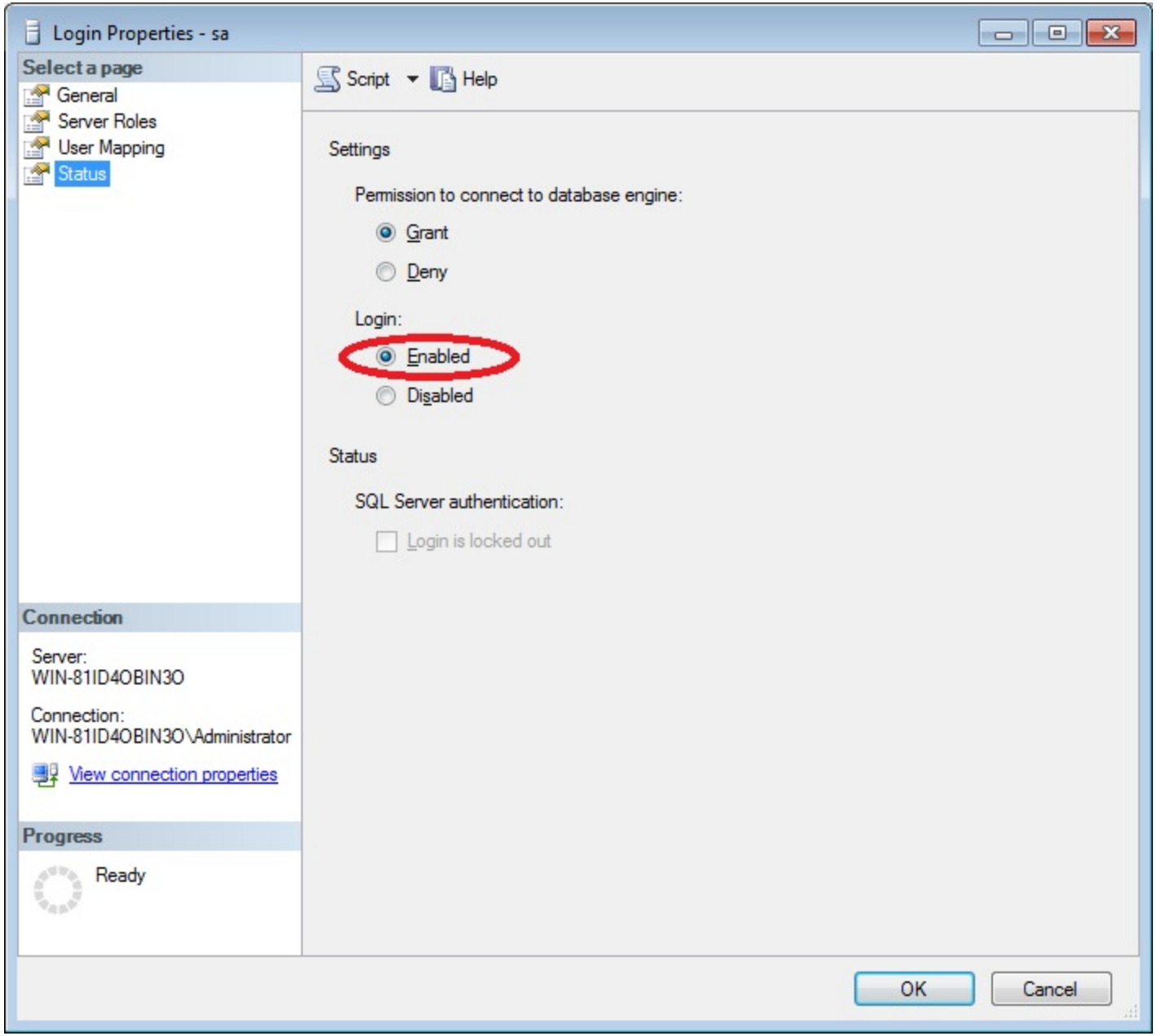
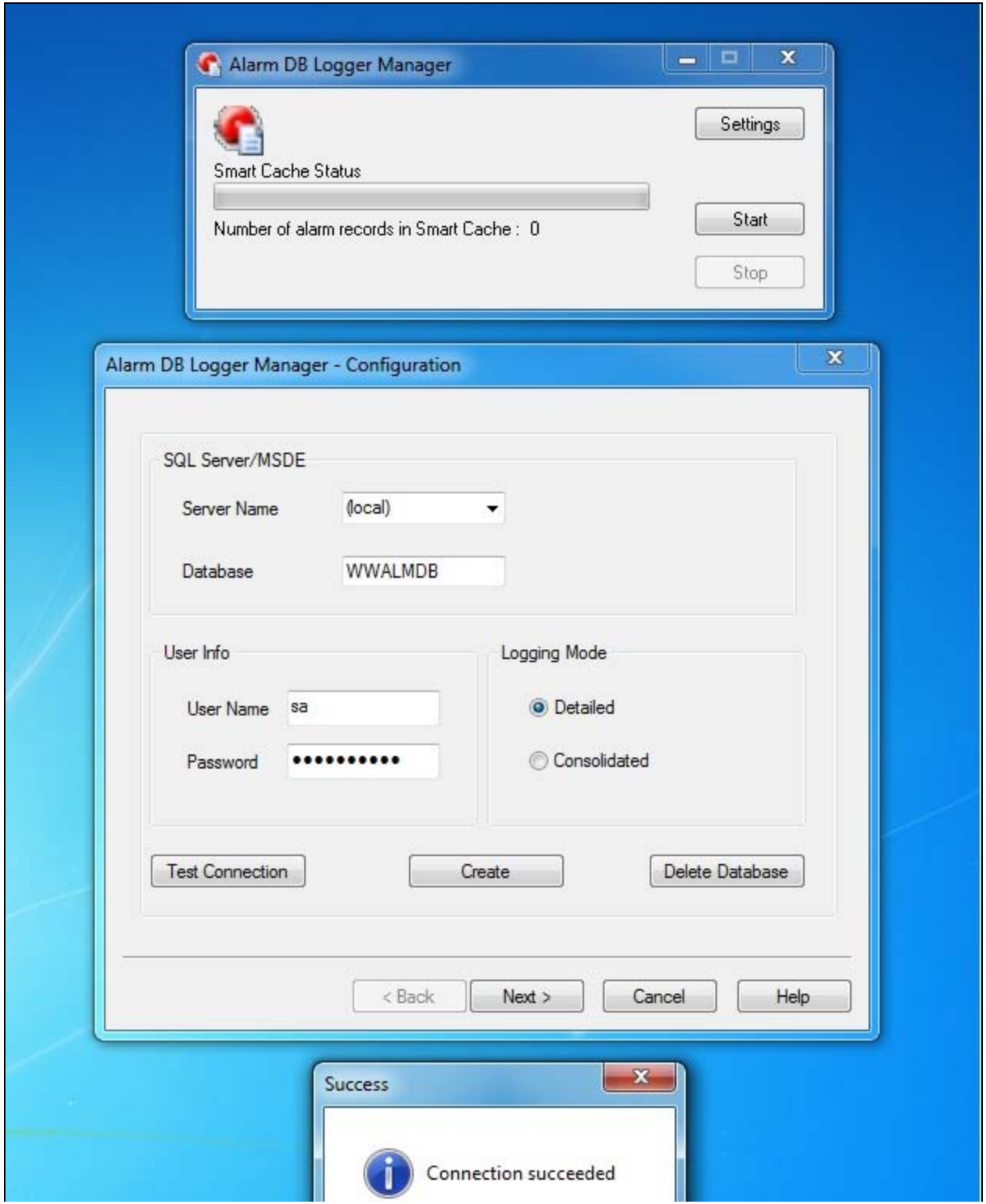


FIGURE 8: ENABLE LOGIN

9. Right-click sa and **click Refresh**.
10. Restart the SQL Server by right-clicking it, then clicking **Restart**.
11. Start Alarm DB Logger Manager and configure it (Figure 9 below). In User Info enter the username **sa** and the previously defined password. Click **Test Connection** to validate the configuration.


Alarm DB Logger Manager
Settings
Smart Cache Status
Number of alarm records in Smart Cache : 0
Start
Stop
Alarm DB Logger Manager - Configuration
SQL Server/MSDE
Server Name
(local)
Database
WWALMDB
User Info
User Name
sa
Password
Logging Mode
Detailed
Consolidated
Test Connection
Create
Delete Database
< Back
Next >
Cancel
Help
Success
Connection succeeded

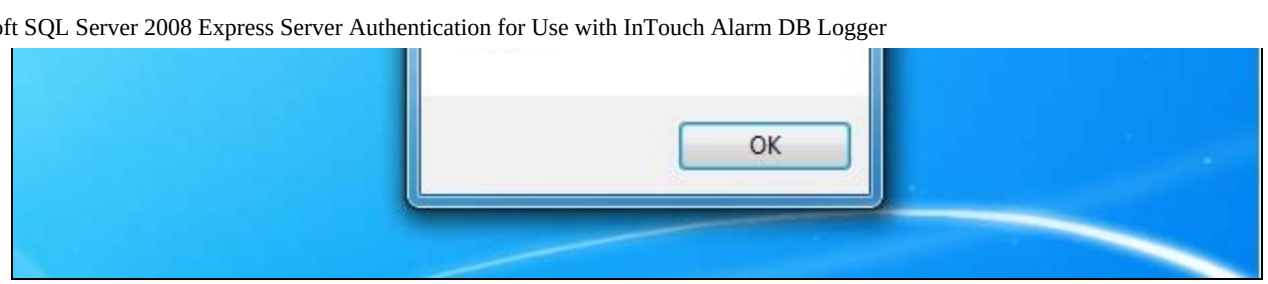


FIGURE 9: CONFIGURE ALARM DB USING ALARM DB MANAGER

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