Using BOC Products
with Microsoft® SQL Server Databases

Installing Microsoft® SQL Server 2008 Express for BOC Products

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1 Introduction

This document describes the requirements to install the Microsoft SQL Server 2008 Express database management system on a local computer so that it seamlessly interacts with a standalone version of a BOC Management Office product.

2 Prerequisites

Depending on the operating system of the computer you want to install SQL Server 2008 Express on, the following software requirements apply:

Windows Vista:

- Microsoft .Net Framework 3.5 SP1

Windows 2000/XP:

- Windows Installer 4.5
- Microsoft .Net Framework 3.5 SP1
- Microsoft Data Access Components (MDAC) 2.8 SP1
- Windows PowerShell 1.0

Note that the recommended default standalone database management system for Windows 2000/XP is “MSDE” and for Windows Vista “Microsoft SQL Server 2005 Express Edition”.

If you want to use SQL Server 2008 Express anyway, the necessary system components mentioned above can be obtained from http://technet.microsoft.com.

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3 Hints for the Installation

When installing SQL Server 2008 Express, take care of the following notes:

- The **"Instance ID"** must be **"SQLExpress"**.
- You have to select the **"Mixed mode"** as authentication mode.

Take care to note down the password defined during the installation process. You will need it again later when creating an ADONIS database!

4 Preparing the Installation

Download the Microsoft SQL Server Express package from the Microsoft homepage http://technet.microsoft.com. Check the prerequisites for your operating system before you start the installation.

5 Installation of Microsoft SQL Server 2008 Express

For the installation of the MICROSOFT SQL Server 2008 Express start the "SQL Server Installation Center". Select **"Installation"** and **"New SQL Server stand-alone installation ..."**.

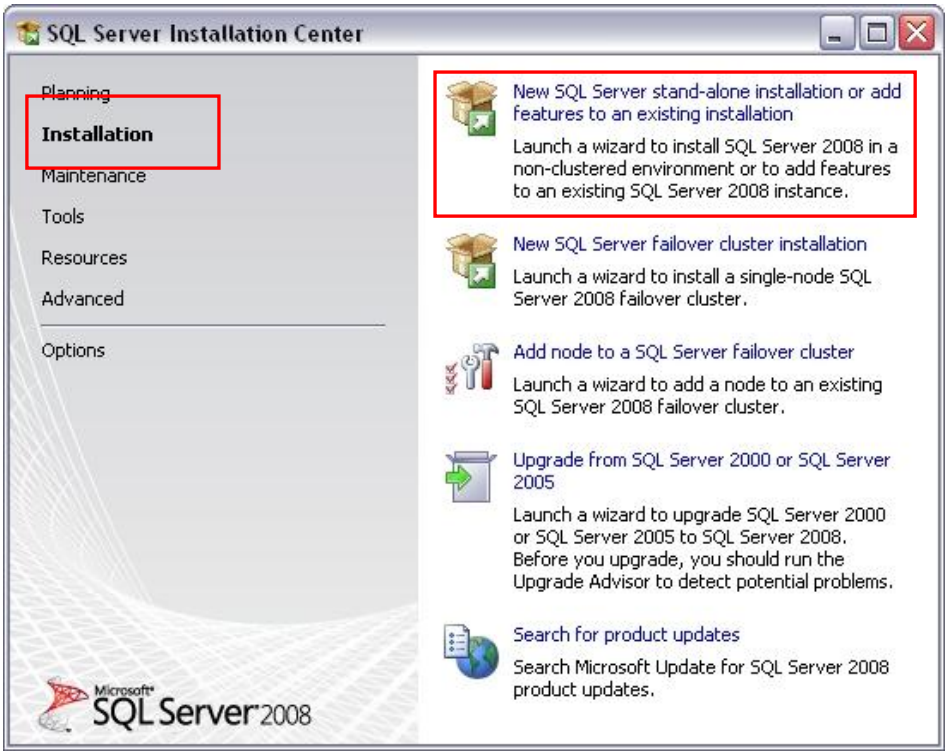


Fig. 1: SQL Server Installation Center

After checking the system configuration the **"SQL Server 2008 Setup"** assistant is started. Follow the assistant with the default settings and consider the following points during the installation:

Product Key:
The SQL Server-Edition is already selected. Go on with **"Next".** Agree to the licence term and install the **"Setup Support Files"**.

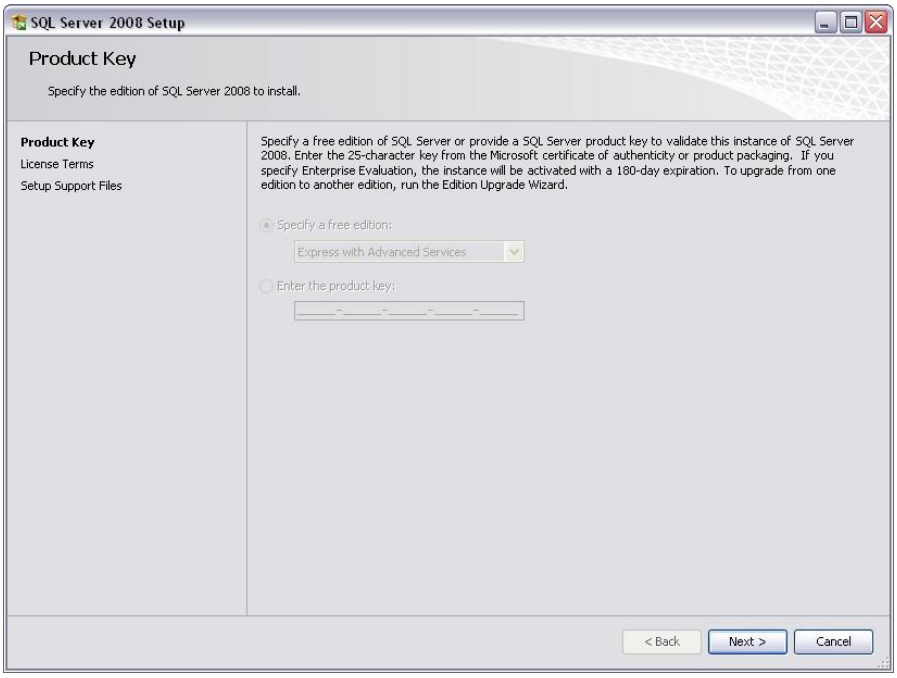


Fig. 2: SQL Server 2008 Setup: Product Key

Setup Support Rules:
The Setup Support Rules identify problems which could occur during the installation. If errors occur they have to be fixed before going on with the installation. (Warnings can occur but they don't disturb the installation). Go on with **"Next"**.

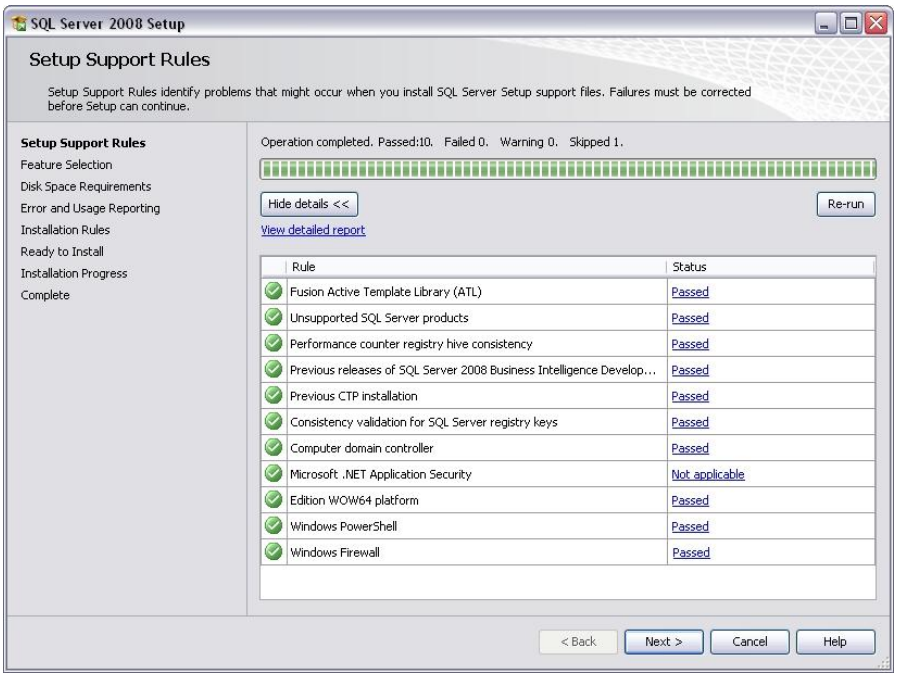


Fig. 3: SQL Server 2008 Setup: Setup Support Rules

Feature Selection:
Select all entries. It is recommended to install the **"Management Tools"** for an easier administration of the database. Go on with **"Next"**.

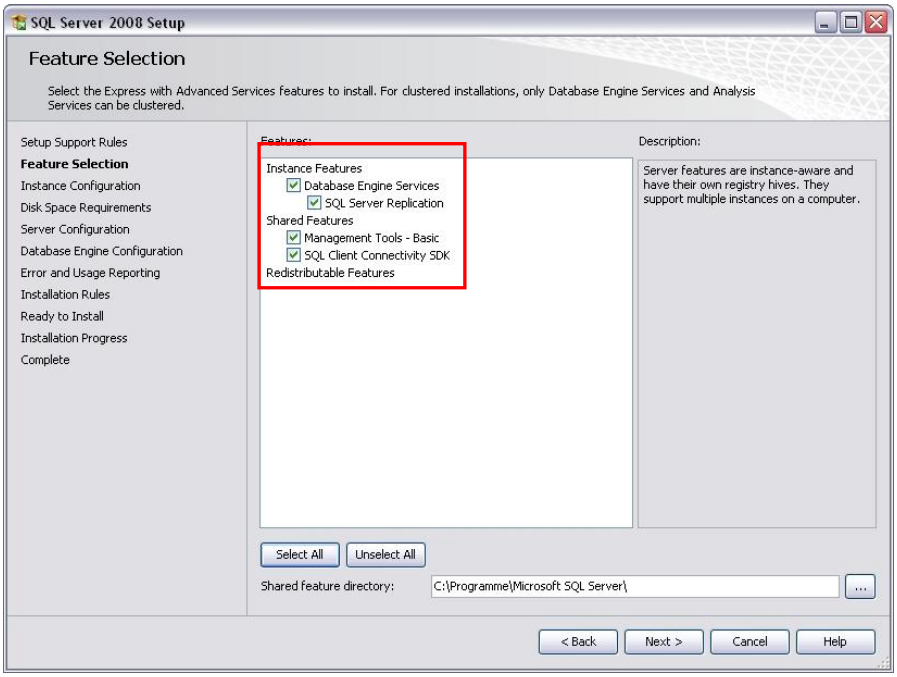


Fig. 4: SQL Server 2008 Setup: Feature Selection

Instance Configuration:
Take care that **"Instance ID"** is **"SQLExpress"** and go on with **"Next"**.

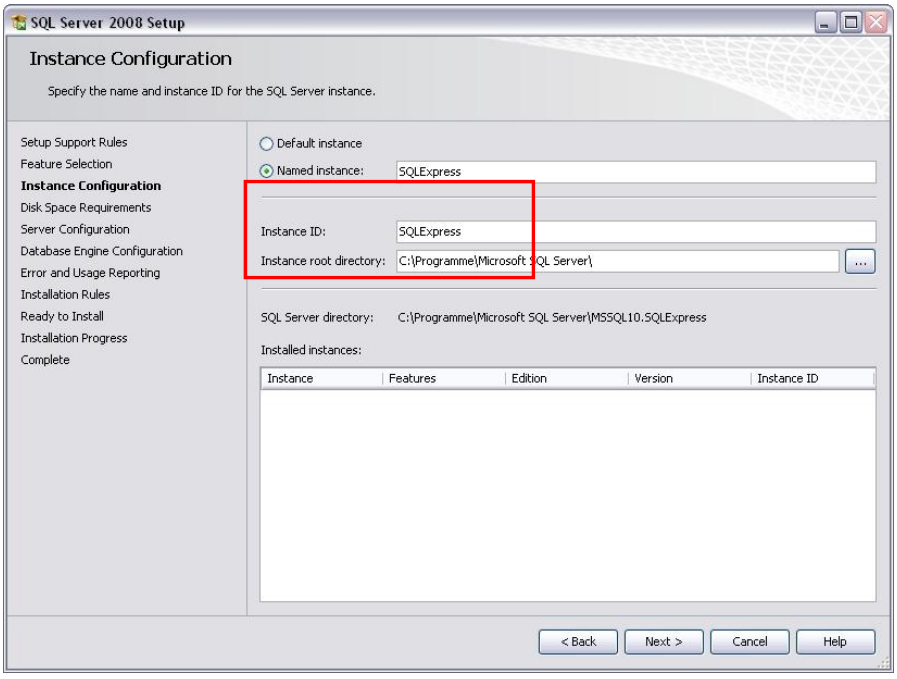


Fig. 5: SQL Server 2008 Setup: Instance Configuration

Server Configuration:

In the tab **„Service Accounts“** the account name has to be set with a value which the SQL Server should be executed.

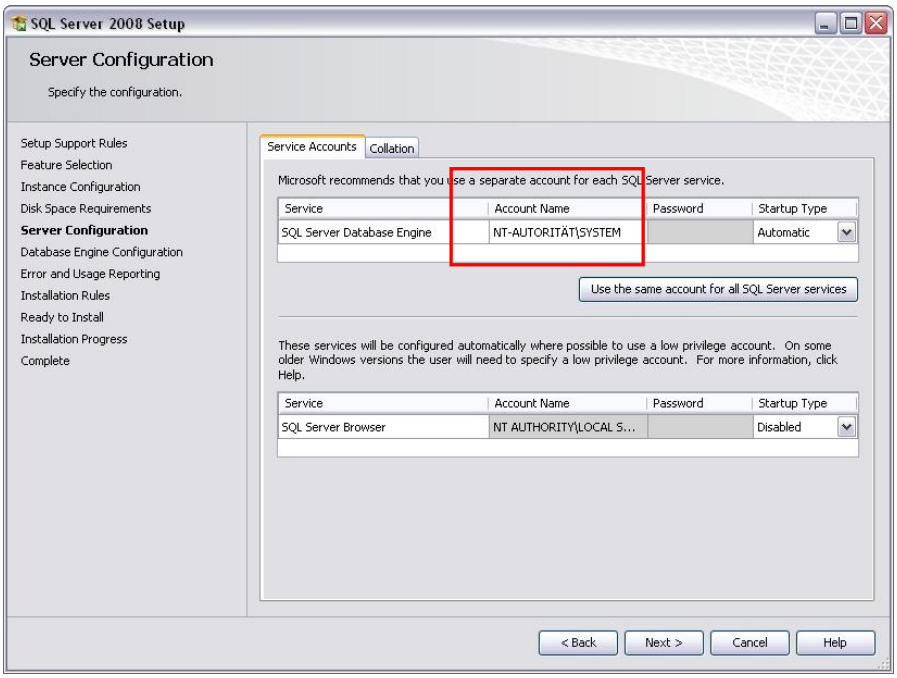


Fig. 6: SQL Server 2008 Setup: Server Configuration

In the tab **"Collation"** you can change the collation if needed (e.g. if you use a non-Latin operating system, like Greek or Russian). Otherwise do not change the default options and proceed with **"Next"**.

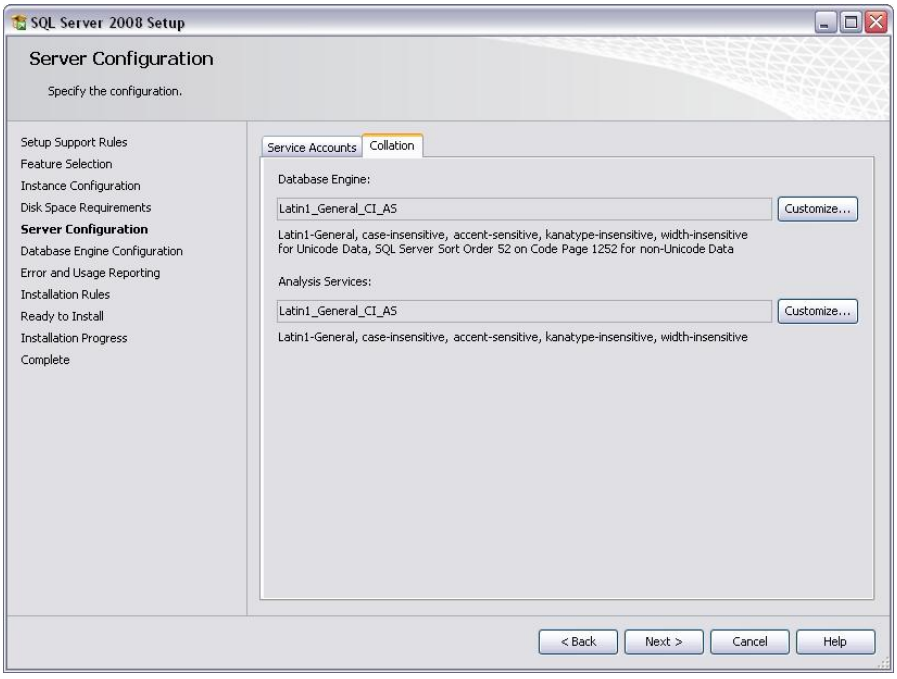


Fig. 7:SQL Server 2008 Setup: Server Configuration

Database Engine Configuration:
Select in the tab **"Account Provisioning"** the "**Mixed Mode“** and enter a password for the logon of the database user **"sa"** (9–128 characters). Proceed with **"Next"**.
Take care to note down this password, as it will be needed again during the database initialisation and administration for your BOC Management Office product. Also specify a system user as a **”SQL Server administrator”**.

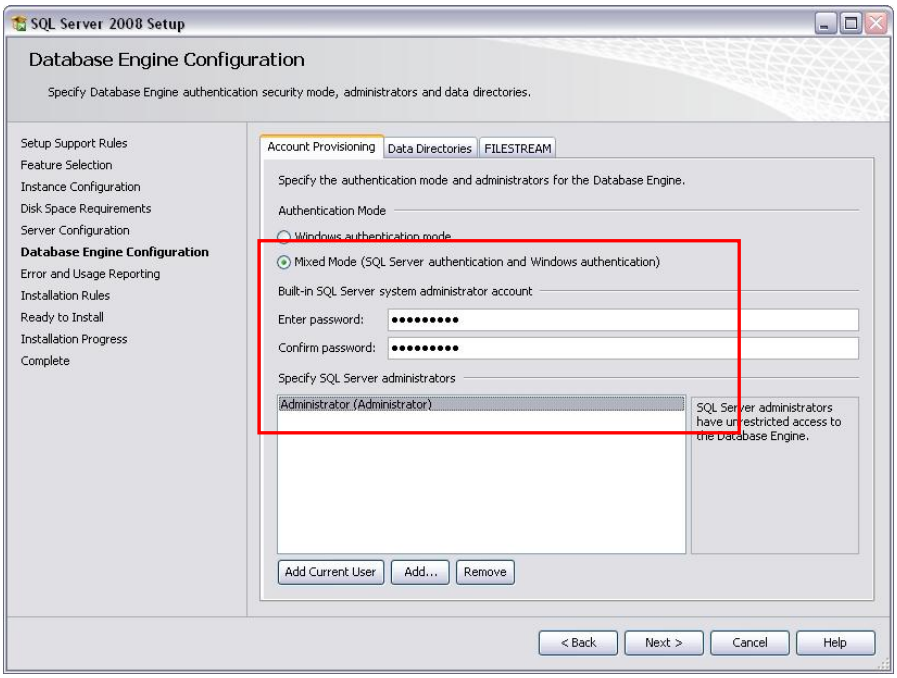


Fig. 8: SQL Server 2008 Setup: Database Engine Configuration

Proceed with “Next” and complete the installation of Microsoft SQL Server 2008.
The installation of Microsoft SQL Server 2008 Express is now complete and the SQL server service will start automatically. It is not necessary to restart your computer.

You can now install your BOC Management Office product by starting `setup.exe` from your BOC Management Office Product CD. Refer to the documentation volume “Installation and Database Administration” on the “readme.htm”.