

# CONFIGURING SALESLOGIX 6.2 FOR MICROSOFT SQL 2005 STANDARD EDITION (CTP)

---

Mike Spragg  
empath-e Limited

Created: 11-July-2004  
Modified: 26-June-2005

## Overview

Microsoft SQL 2005 Community Technology Preview (CTP) is now available for download. This document investigates the installation of SQL2005 as an upgrade from SQL2000 SP4 and whether it is possible to make SalesLogix 6.2 work with it.

This is not an exhaustive list of new features - just what was discovered as they appeared when running the upgrade. More information on feature sets can be found at <http://www.microsoft.com/sql/2005>

A feature list by comparison of versions is listed at:  
<http://www.microsoft.com/sql/2005/productinfo/sql2005features.msp>

## Software Used

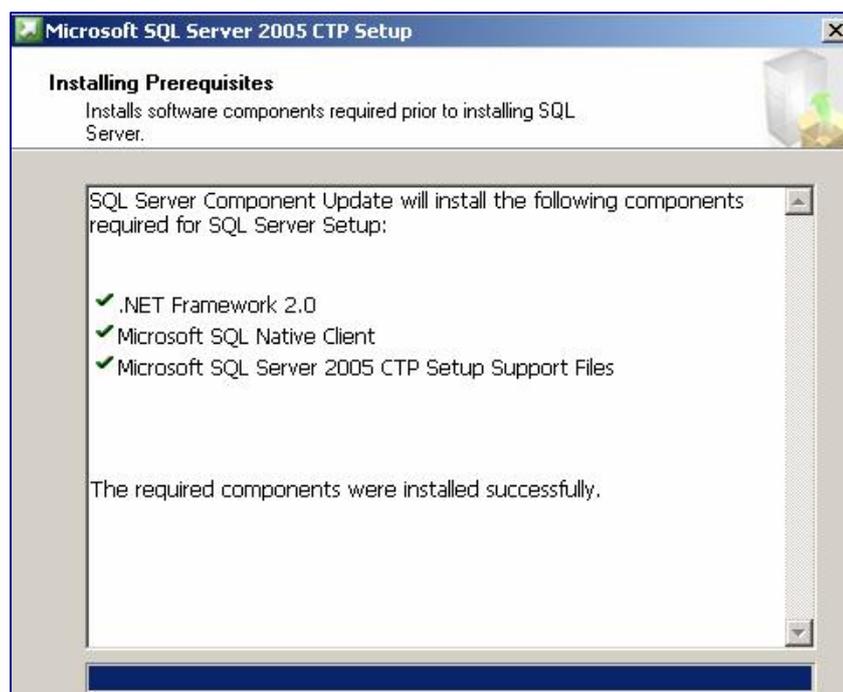
- ◆ Windows 2000 Server - Version 5.0 Build 2195 (SP4)
- ◆ Microsoft .NET Framework 2 Beta 2 (v2.0.50215)
- ◆ SQL 2005 Standard Edition (CTP) 9.0.1187.07
- ◆ SalesLogix 6.2.1.3129 (HF6)
- ◆ VMWare 5.0.0.13124

## Implementation

The download for SQL2005 Standard is 705Mb. The .NET Framework is required, which adds a further 23Mb to the payload. Windows Installer 3.1 is also required. Once the framework and installer is installed you can continue with the installation.

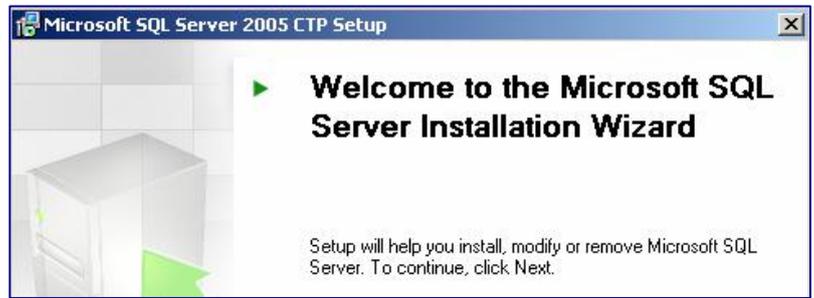
### Step 1

The installation prepares the system and double-checks the current environment:



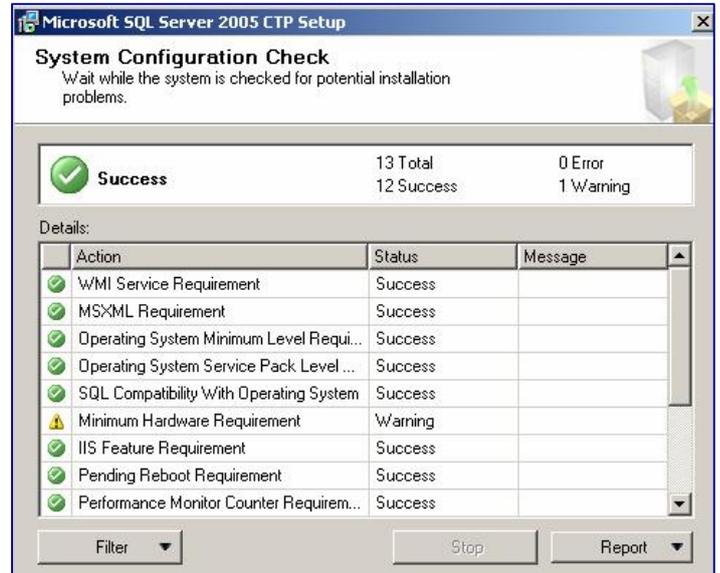
### Step 2

Once that is complete the system proceeds to install.



### Step 3

A full check is made of the installation platform and a report produced (the warning in this case is due to VMWare)



### Step 4

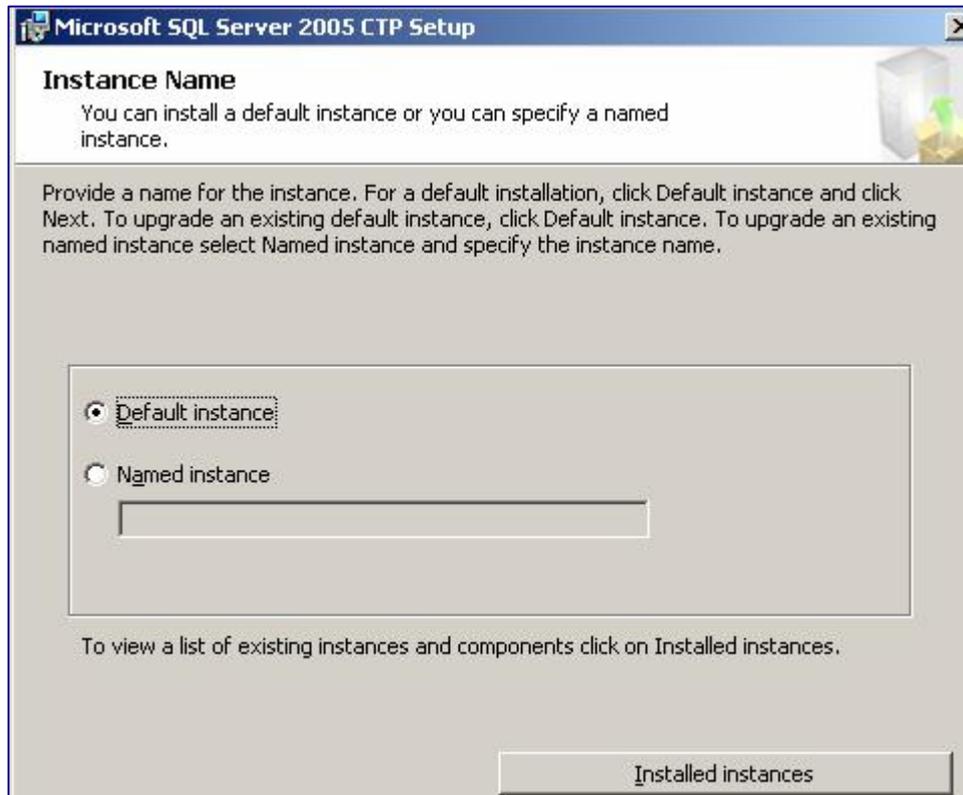
You choose the main options from this panel and then use the Advanced option to further customise the installation.



## Step 5

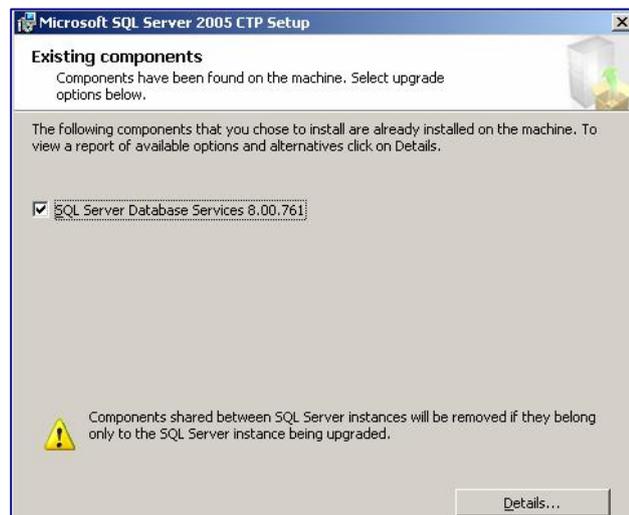
When upgrading from SQL2000 or installing a new version you need to select the instance to upgrade or install.

Selected *Installed Instances* will show the existing SQL Server if running



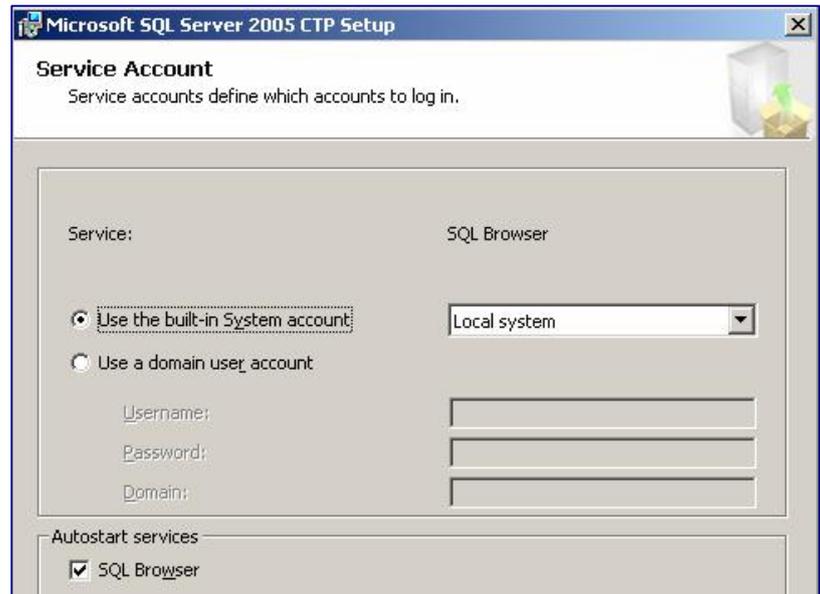
This slightly confusing screen is then shown - it is not clear whether choosing the instance will upgrade or not.

The warning relates to DTS - which is no longer supported in SQL2005.



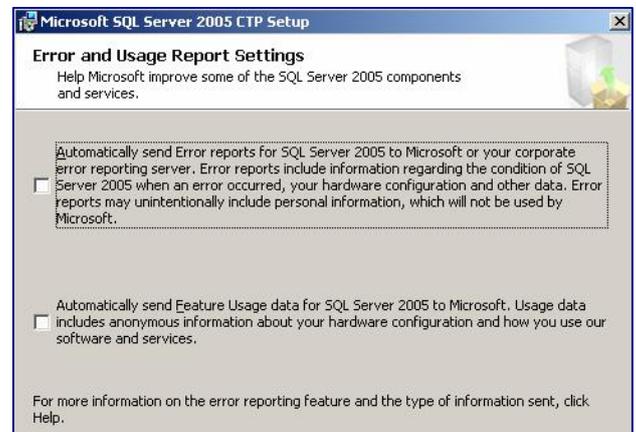
### Step 6

For each service - choose how the service should login. For this installation we are not concerned about backup processes so a system account is fine.



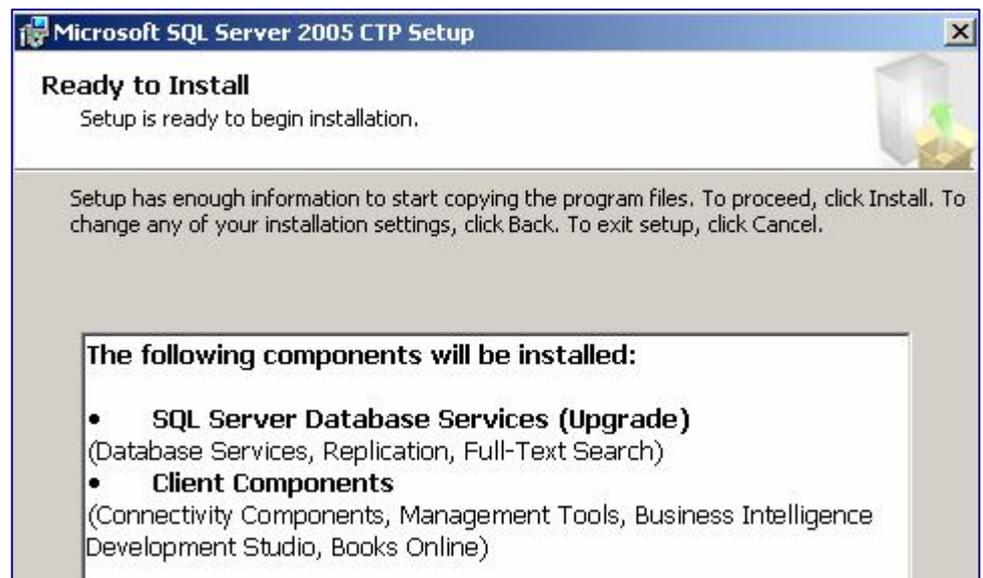
### Step 7

Error Reporting options - as part of the Error Reporting Service SQL2005 can now report its own errors directly to Microsoft.



### Step 8

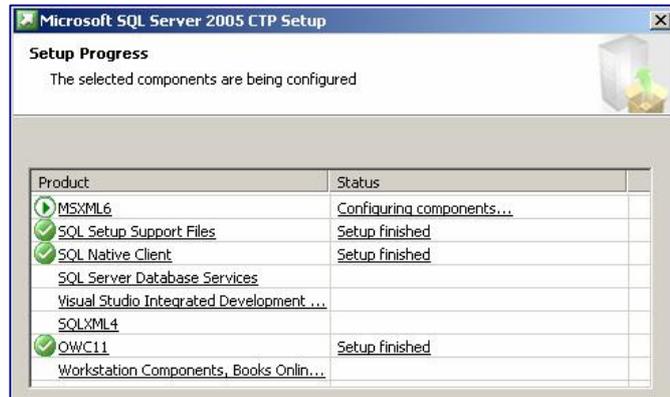
With an upgrade - all options are now set and the upgrade commences.



## Step 9

The upgrade is more informative than usual with a process screen shown during the upgrade.

The upgrade takes around 20-30 minutes to complete.



As before, everything is loaded in:

C:\Program Files\Microsoft SQL Server\

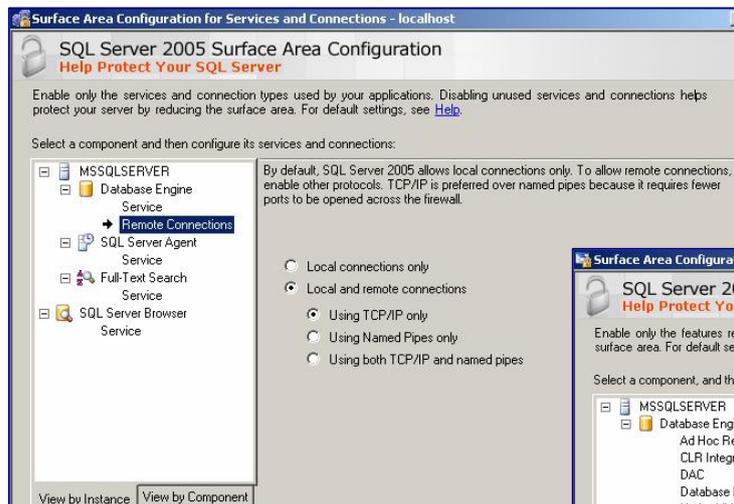
With instances residing in:

C:\Program Files\Microsoft SQL Server\MSSQL.1\MSSQL\Data

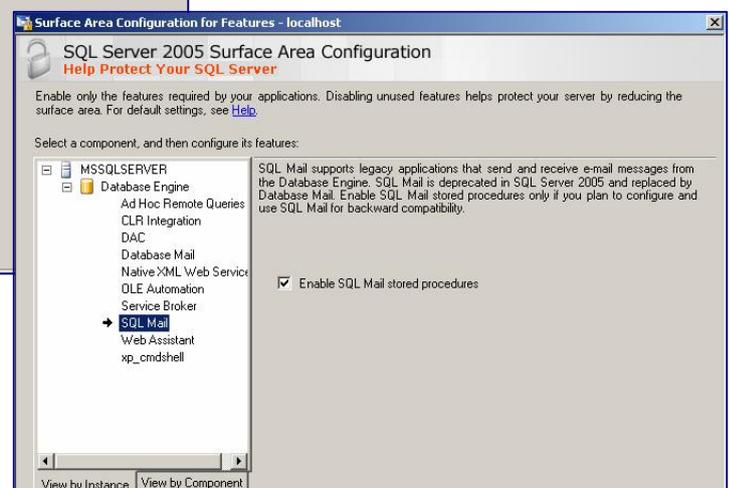
## Post Installation Recommendation: SQL Server Surface Area Configuration

This is a new utility and enables Administrators to finely tune which parts of SQL Server is running. Primarily aimed as a security initiative it enables you to define what ports are used, which services are running and how SQL Server should react to remote connections, extended stored procedures etc.

The utility works in two forms - defining the services and connections and also defining which particular features of SQL Server are enabled.



**NB:** For SalesLogix to work over the network it is important that Remote Connections are activated (off by default)



# WHAT'S NEW?

## Command Line Tools

C:\Program Files\Microsoft SQL Server\90\Tools\binn

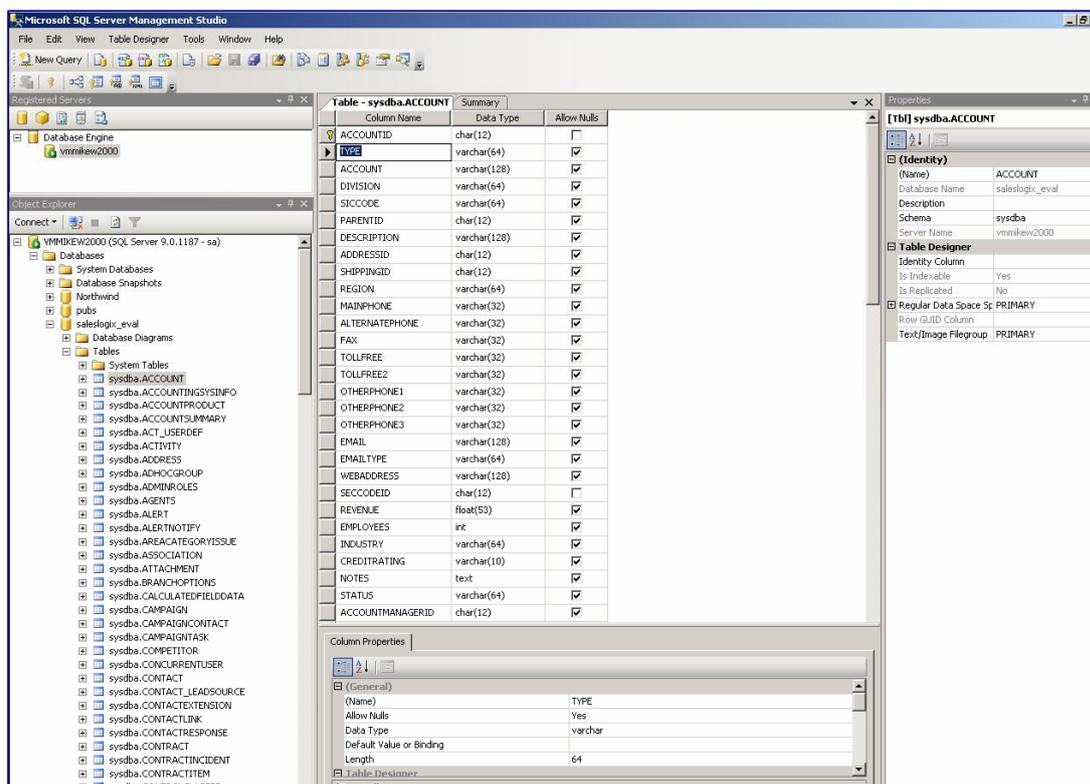
Reveals that there is a new command processor - sqlcmd90.exe as well as the old version "osql" updated.

## Graphical UI

In this release Microsoft have given us a totally revamped UI for the control of SQL Server and the tools used therein. This is modelled on the Visual Studio 2005 interface and is now named "SQL Server Management Studio". The "skin" is now very much XP look and feel.

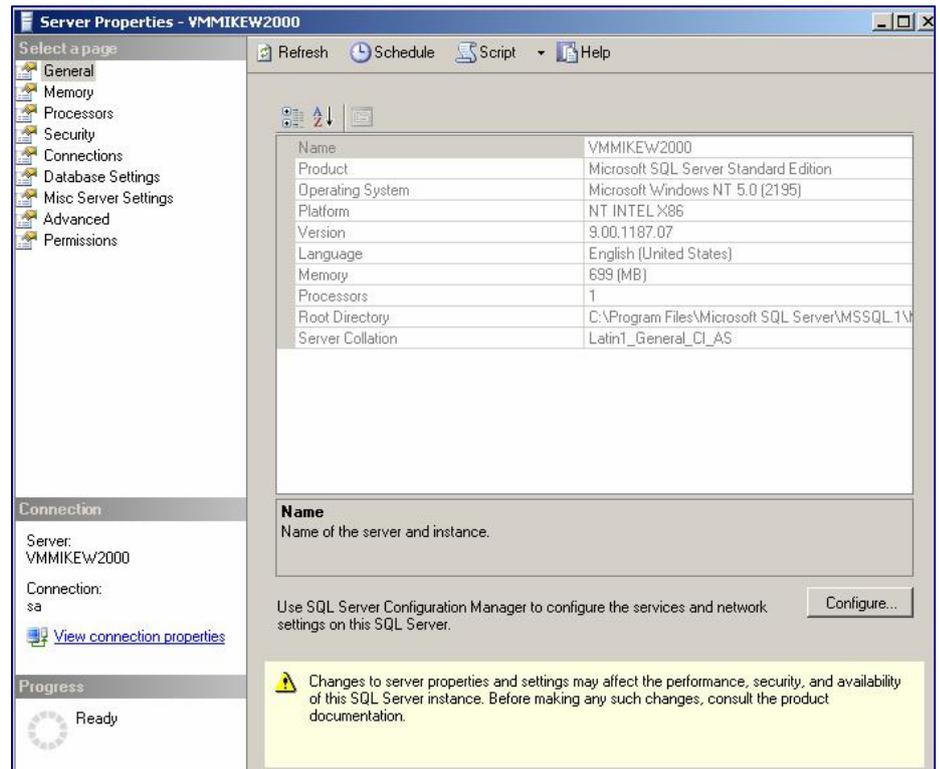


From here you define the protocols allowed for both server and clients, setup agents etc. Notice also, the ability to use ReportServer for the MS Reporting Services.



## Server Properties

As part of the VS revamp - most windows have now been overhauled to fit into the new standard, with visual styles such as animated gifs to let you know when things are happening (as opposed the SQL2000 - which took as long as it took and you never knew whether it was working or not!)



## Performance Tools

### SQL Server Profiler

Essentially remains the same - some nice new options to group by event type and export to file.

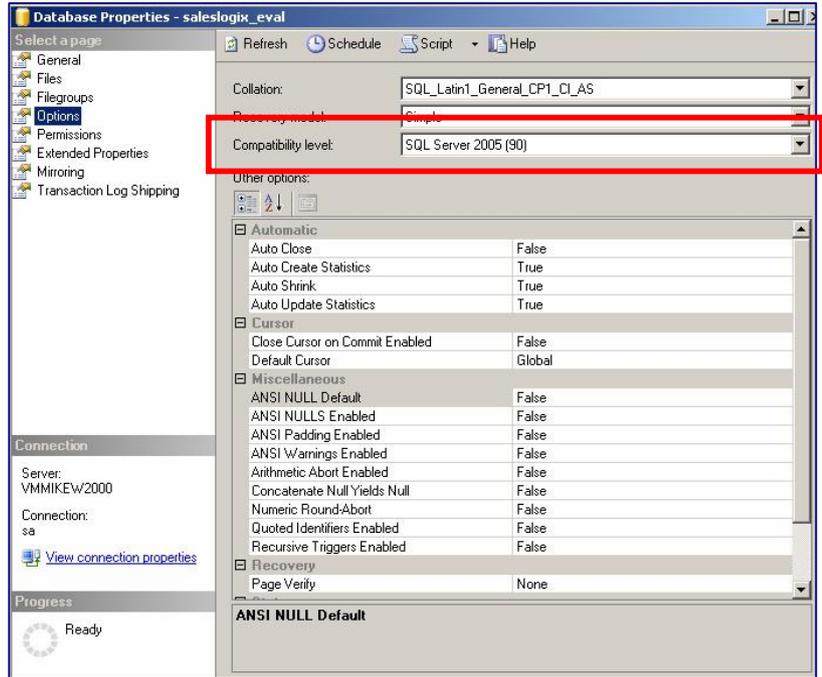
### Database Engine Tuning Advisor

Takes the output of the profiler and suggests optimisations to indexes etc.

# SALESLOGIX SPECIFIC

## Changing the Database Format

The database for SalesLogix upgrades to the previous version (2000) - using Database Properties this is altered to the new format:



## Connecting to SQL Server

Unfortunately, the Connection Manager is hard-coded to display only the **“Microsoft OLE DB Provider for SQL Server”** - this means that any advantages of using the new native provider will be lost. Of course, it also means that the system continues to work as expected.

## Connectivity

### ODBC

The driver is now called SQL Native Client

Microsoft Visual FoxPro Driver	6.01.8630.01	Microsoft
SQL Native Client	2000.90.1187.00	Microsoft
SQL Server	2000.85.1022.00	Microsoft

### OLE DB

The driver is also called SQL Native Client

SalesLogix OLE DB Provider
SQL Native Client
SQL Server Replication OLE DB Provider for DTS
SQL\MLOLEDB
SQL\MLOLEDB.4.0

**NB:** Both drivers are enumerated via the single DLL (%windir%\system32\SQLNCLI.DLL)

## Creating a remote database

Whatever I tried, this simply failed to work with:

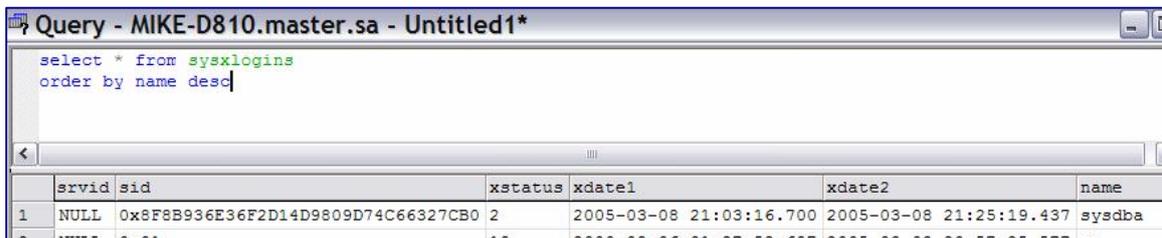
```
Provider for SQL Server Invalid object name 'sysxlogins'.
[26/06/2005 17:03:43]Finished step: stpExecSQL_CreateDb
[26/06/2005 17:03:43]

Step: stpExecSQL_CreateDb returned error: Invalid object name 'sysxlogins'.

Step: stpExecSQL_InitDb did not execute. See previous error.
Step: stpExecSQL_CreateTempTable did not execute. See previous error.
```

This shows that certain functions used during this process have been deprecated (sysxlogins for example)

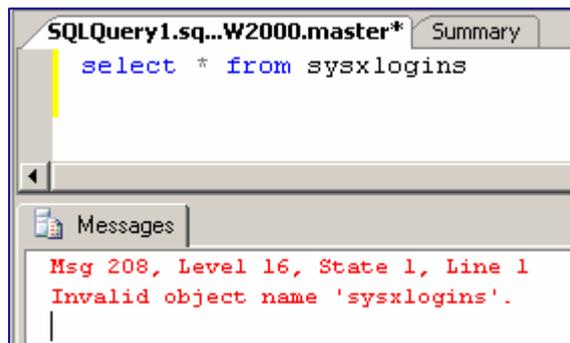
## SQL 2000



The screenshot shows a SQL query window titled "Query - MIKE-D810.master.sa - Untitled1\*". The query is: `select * from sysxlogins order by name desc`. The results grid below shows a single row with the following data:

	srvid	sid	xstatus	xdate1	xdate2	name
1	NULL	0x8F8B936E36F2D14D9809D74C66327CB0	2	2005-03-08 21:03:16.700	2005-03-08 21:25:19.437	sysdba

## SQL 2005



## Conclusions

In use, the system appeared to work with no apparent issues in the SalesLogix Client, Admin/DB Manager, Sync Client, SyncServer or other tools such as Import Wizard. Despite having a fast machine and the latest version of VMWare (v5) which is very fast in operation I found that some of the tools were very sluggish in operation - particularly SQL Server Management Studio - at times appearing to hang and then, a few minutes later, bursting back into life. I hope these "features" are fixed in the final version - as this will become a bind to use if you just want to run a few queries !

Obviously, there are some changes required from Sage in order to support the installation and remote database operations and they were previously acknowledged in the original testing. Development "hacked" in the connection string and it appeared to work without issue. They will also need to fix the hard-coded nature of the connection manager as well.