

Restoring a SAMLite system from backups

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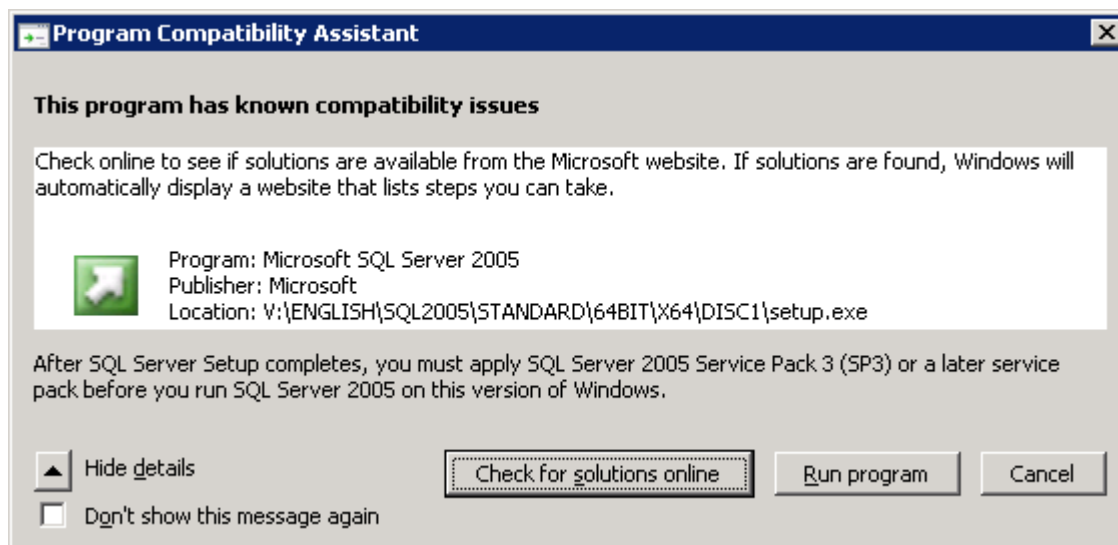
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Pre-requisites

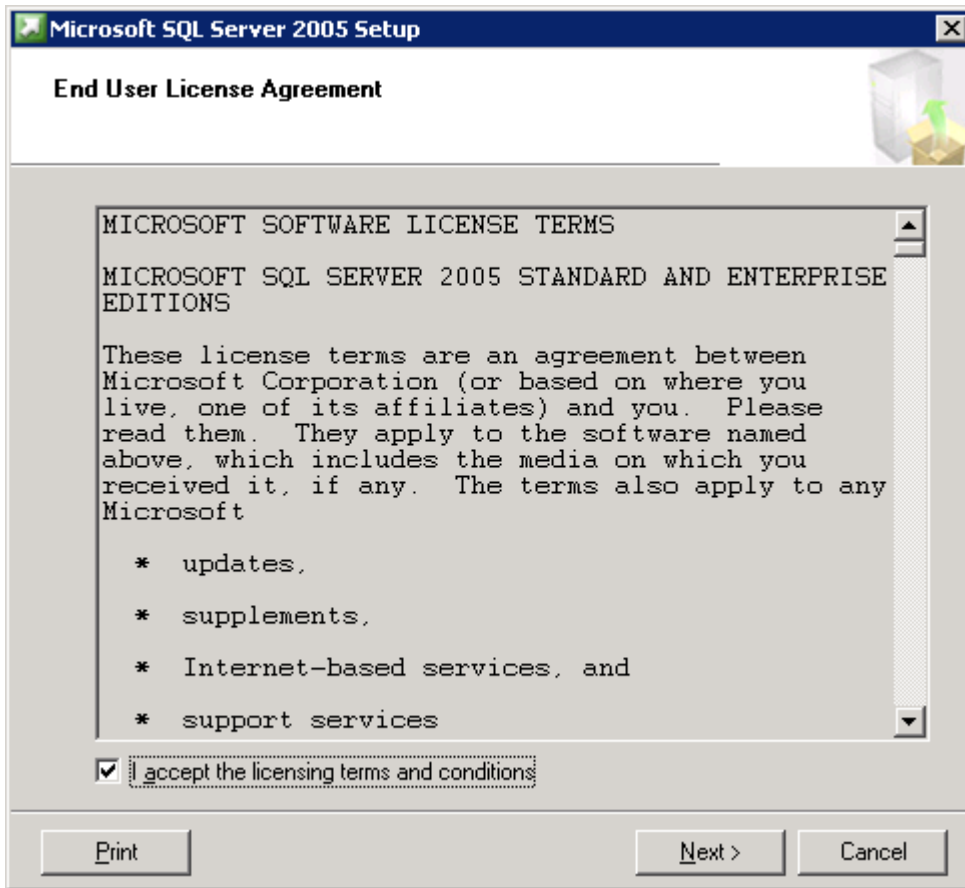
- Microsoft Windows Server 2003 or later (fully updated)
- SQL Server 2005 / Express Edition or later has to be ready and running
- Latest SQL Server service packs and updates (e.g. SQL Server 2005 Service Pack 4)
- Microsoft Internet Information Service
- Microsoft .Net Framework 2.0 installed and registered into IIS (see also: <http://support.microsoft.com/kb/306005>)
- ASP.NET AJAX Extension 1.0
- Administrator rights
- SAMLite Database Backup
- Valid SAMLite License file (SAMLlicense.dat)

SQL Server 2005 Installation

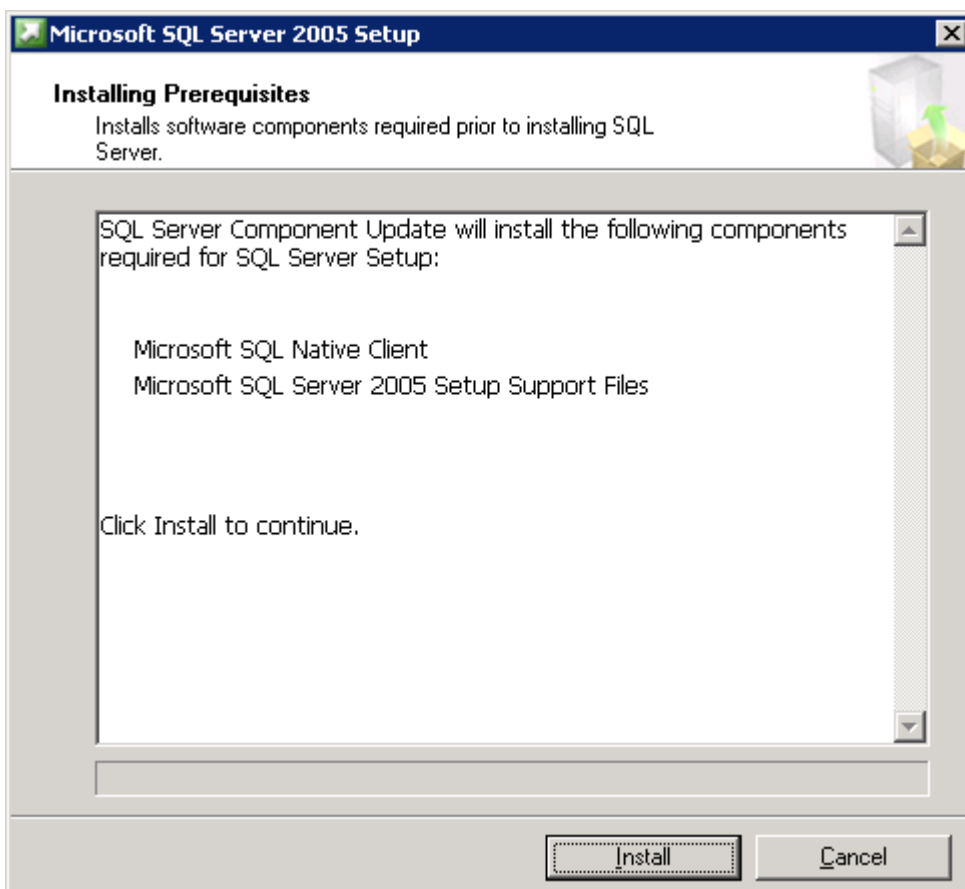
Start install



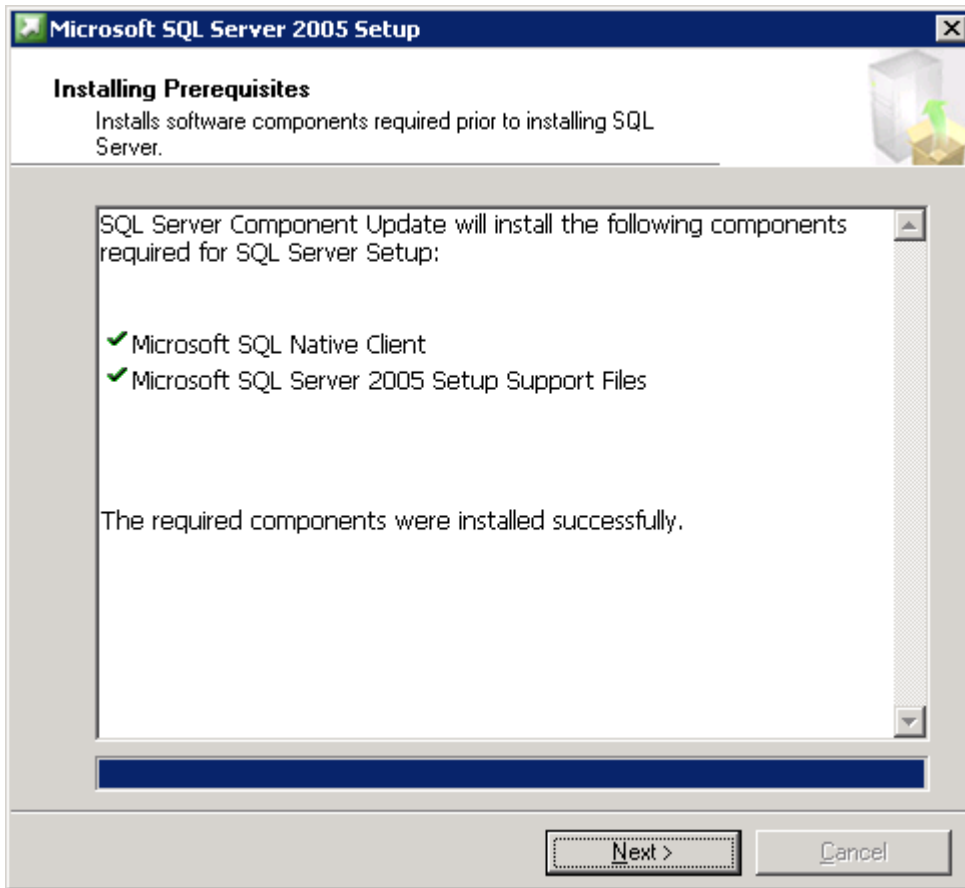
On some versions of Windows you will see the above message. Select "Run program" (you will install the service pack later)



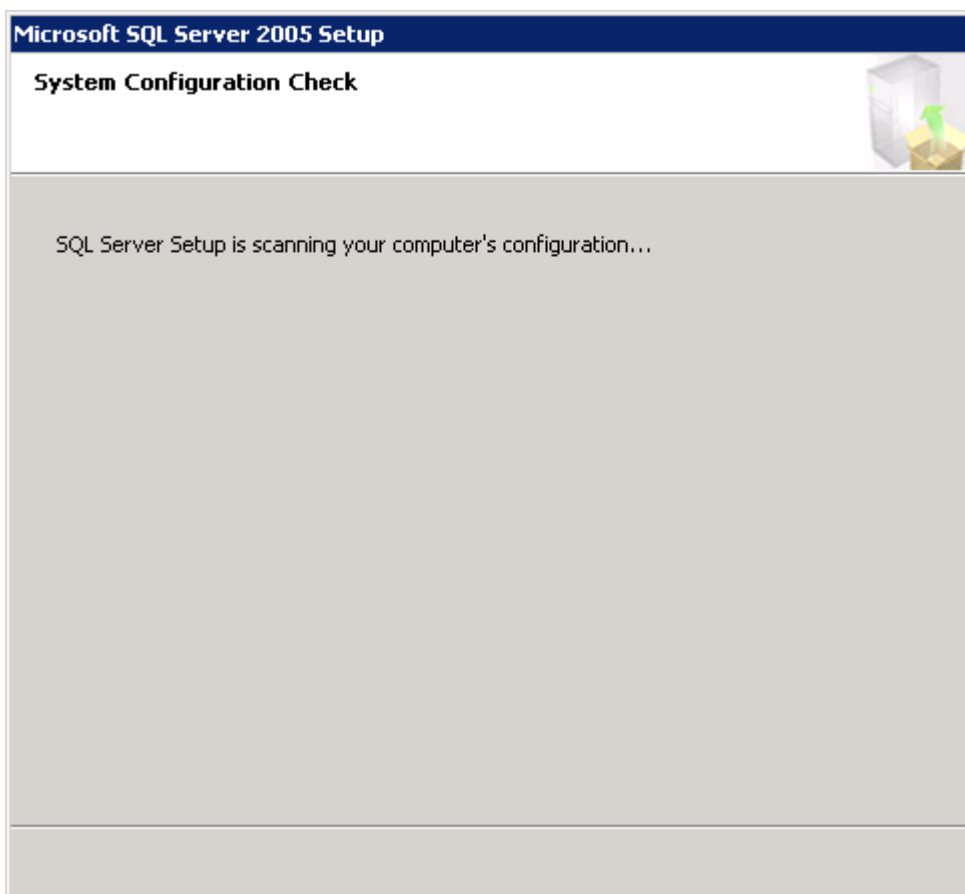
Select I accept and Next



Select Install



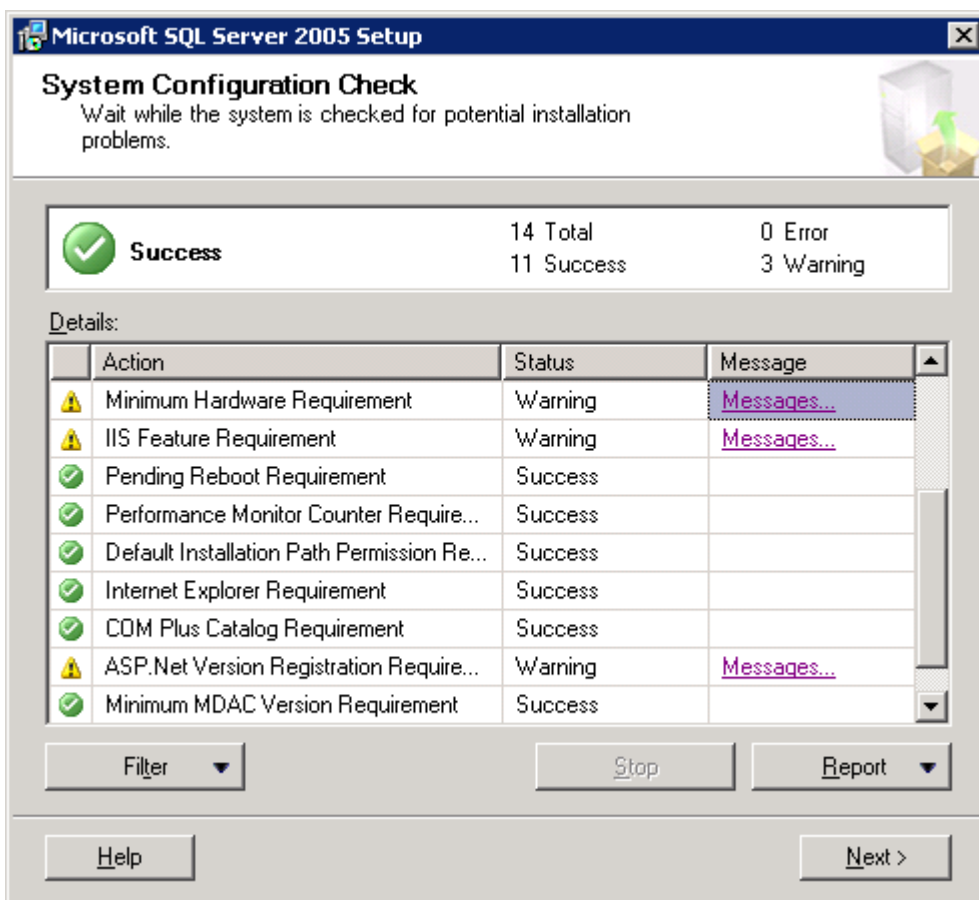
Select Next



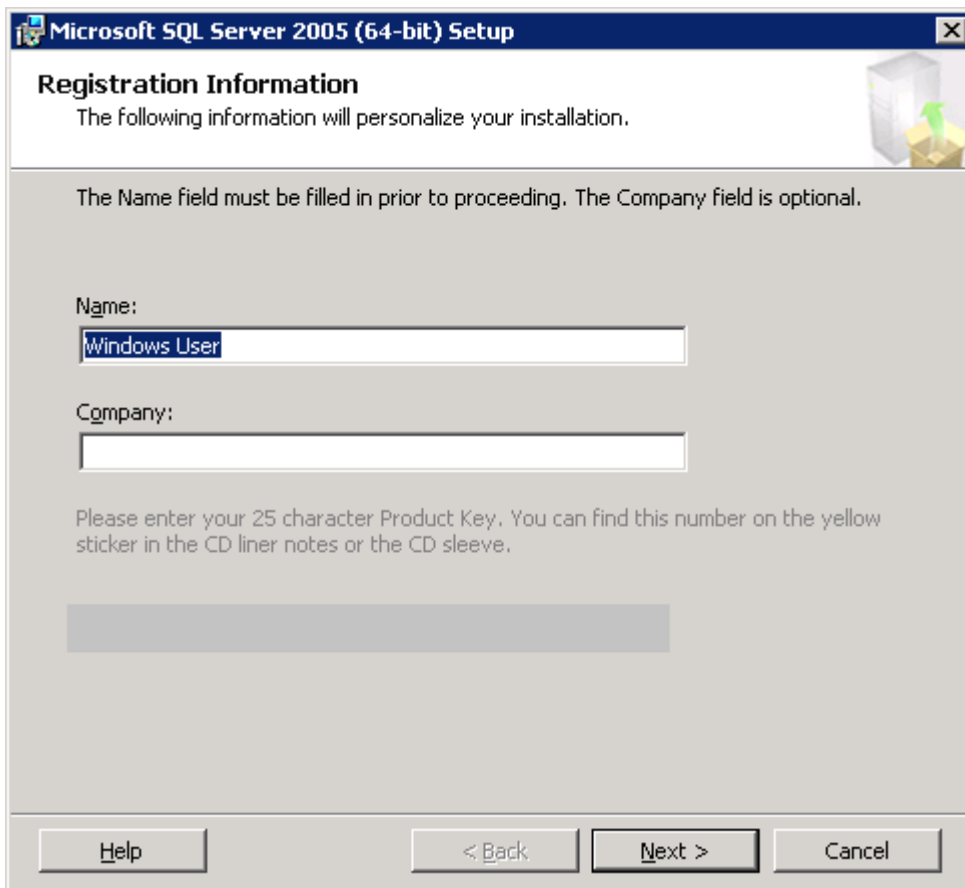
Wait till this is done



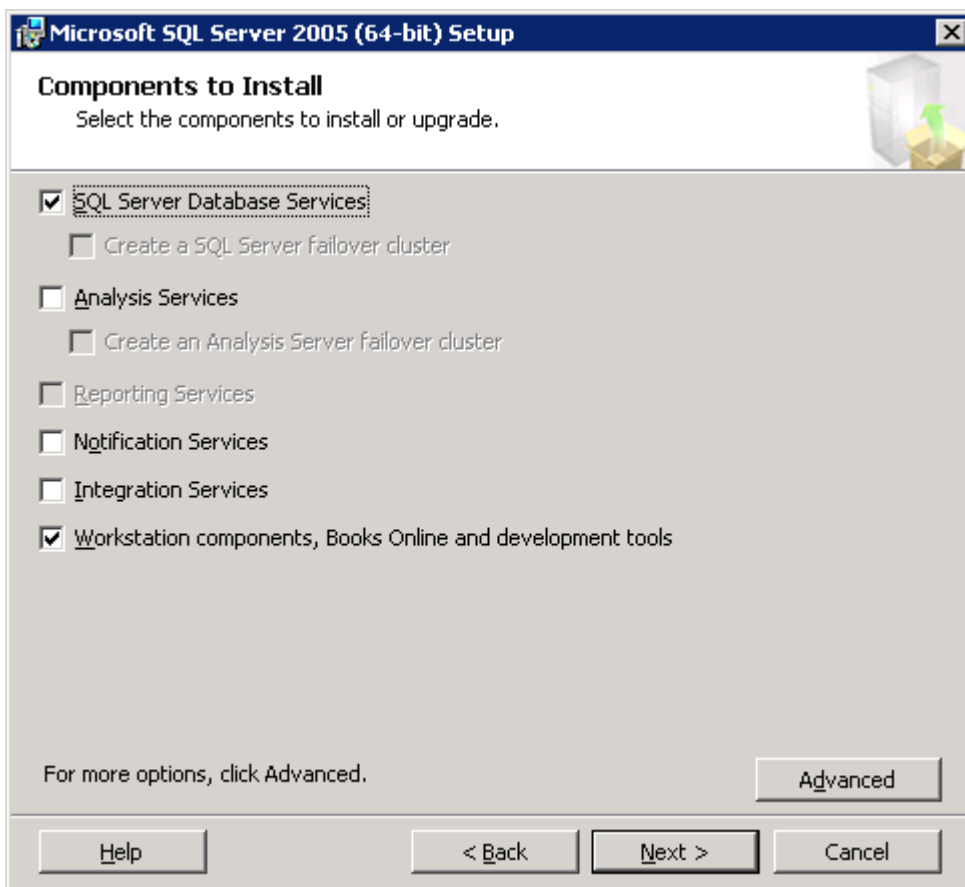
Select Next



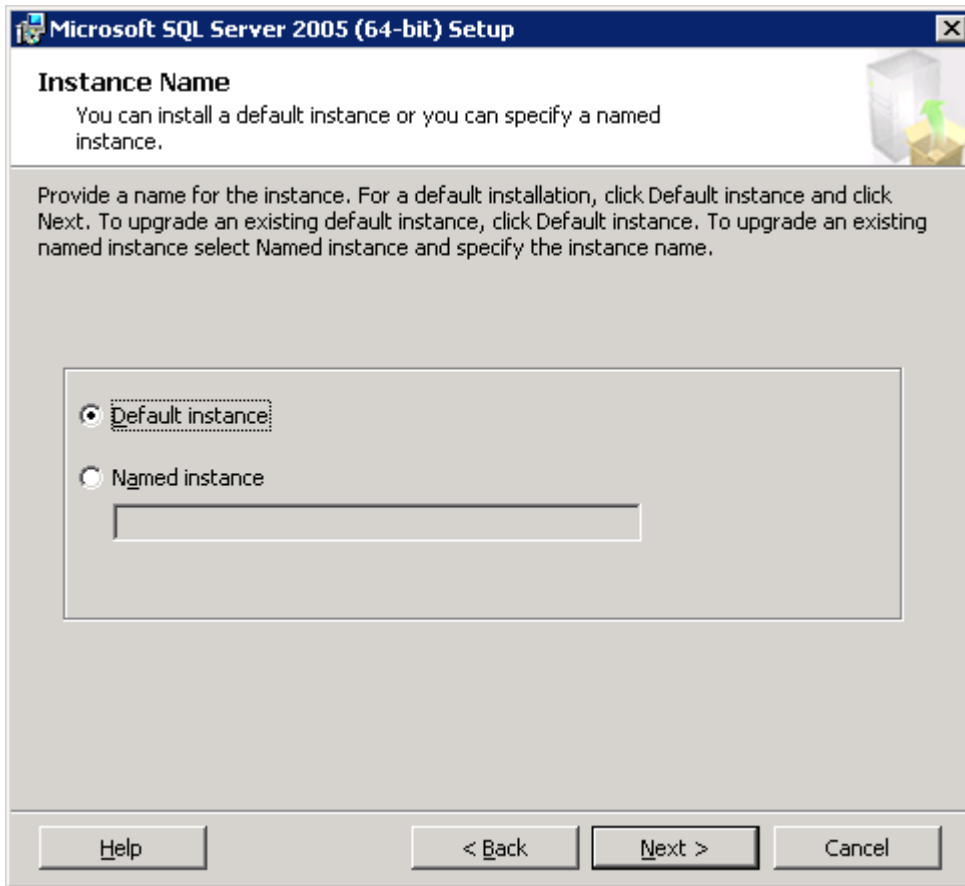
Ignore these 3 warnings if they are present and click Next.



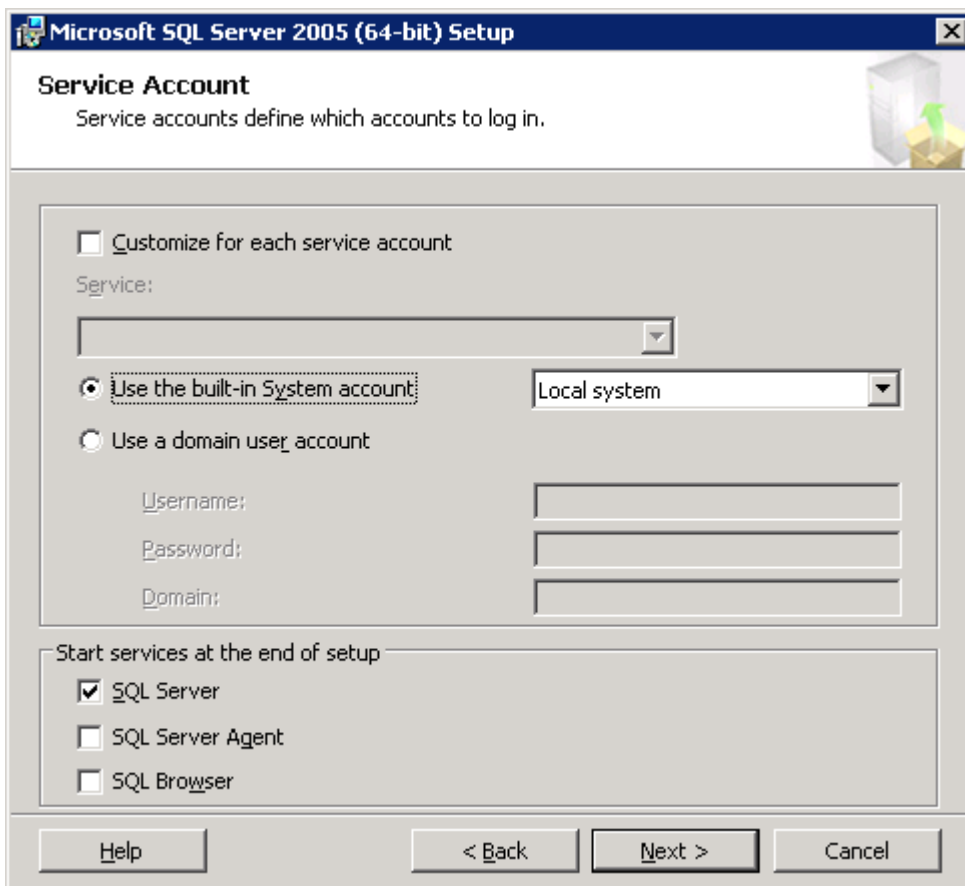
Fill in the details accordingly and select Next



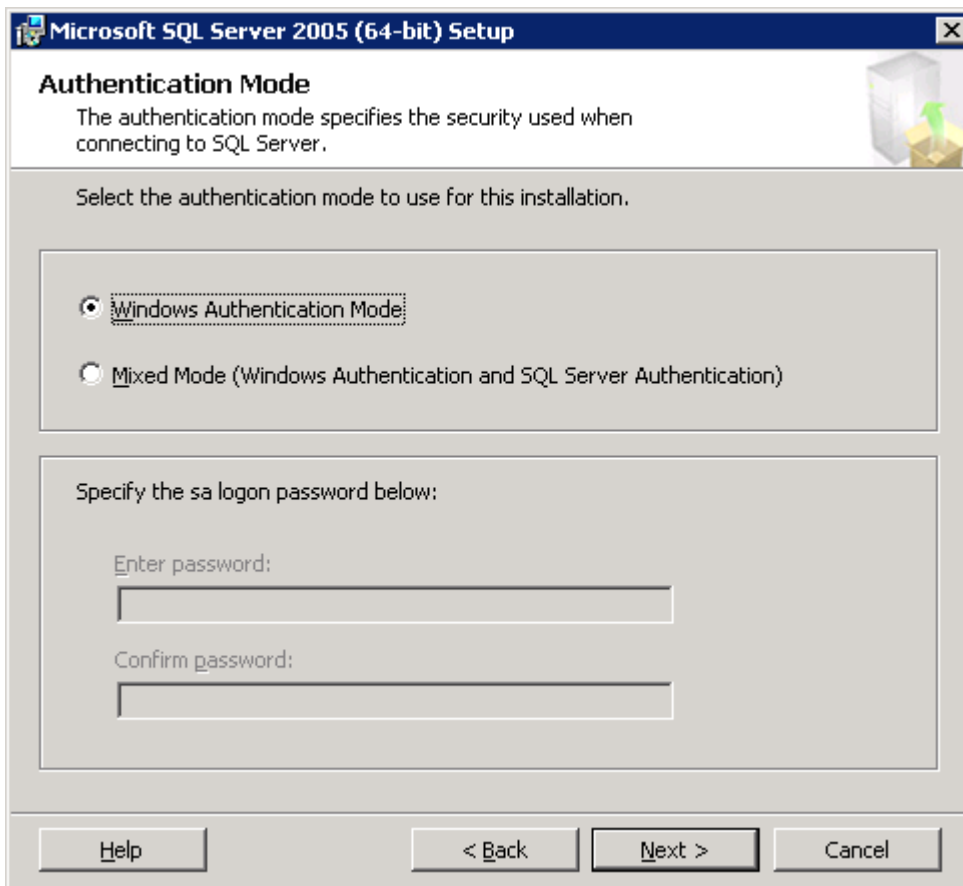
“Database Services” and “SQL Management Studio” are required by SAMLite, you can use the Advanced tab to select these specifically.



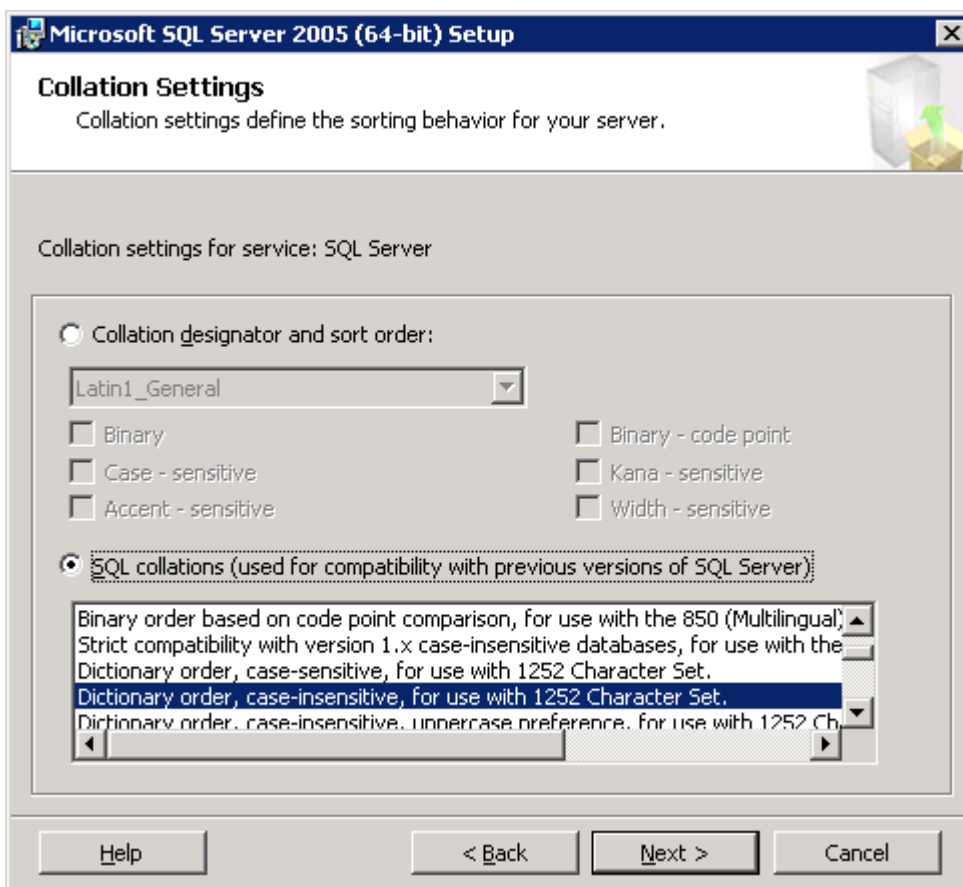
Select Default instance (you can use a different instance but you will need to configure SAMLite to use it) then click Next



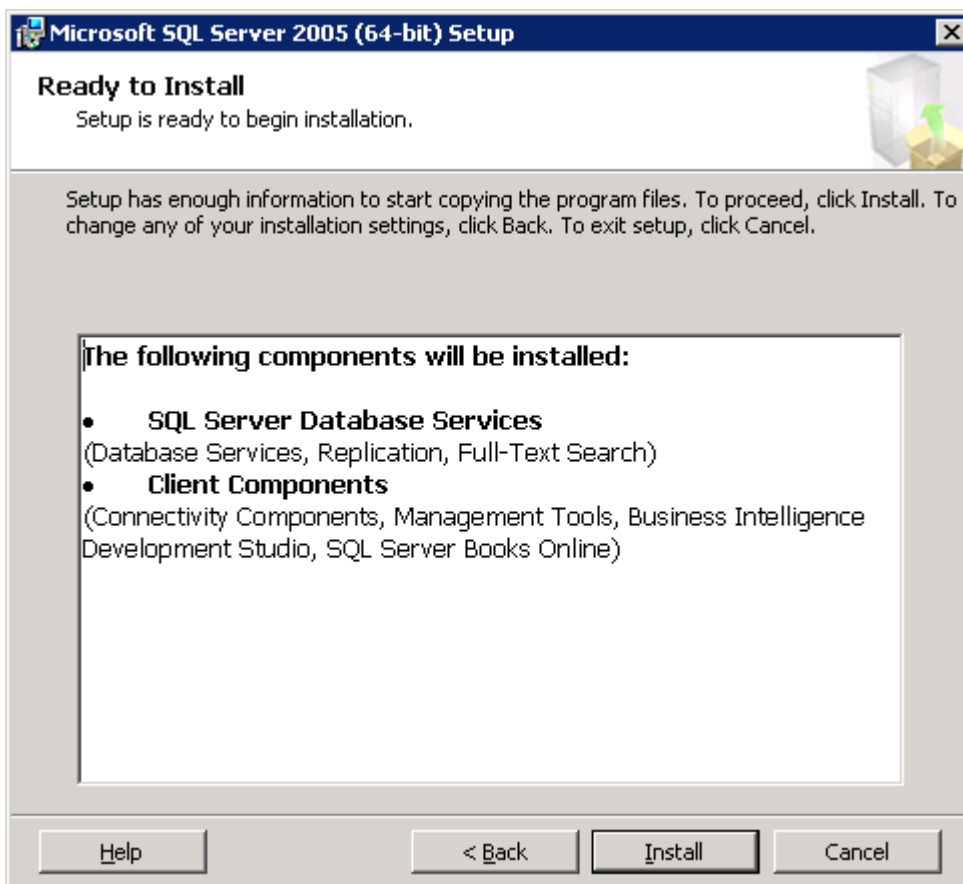
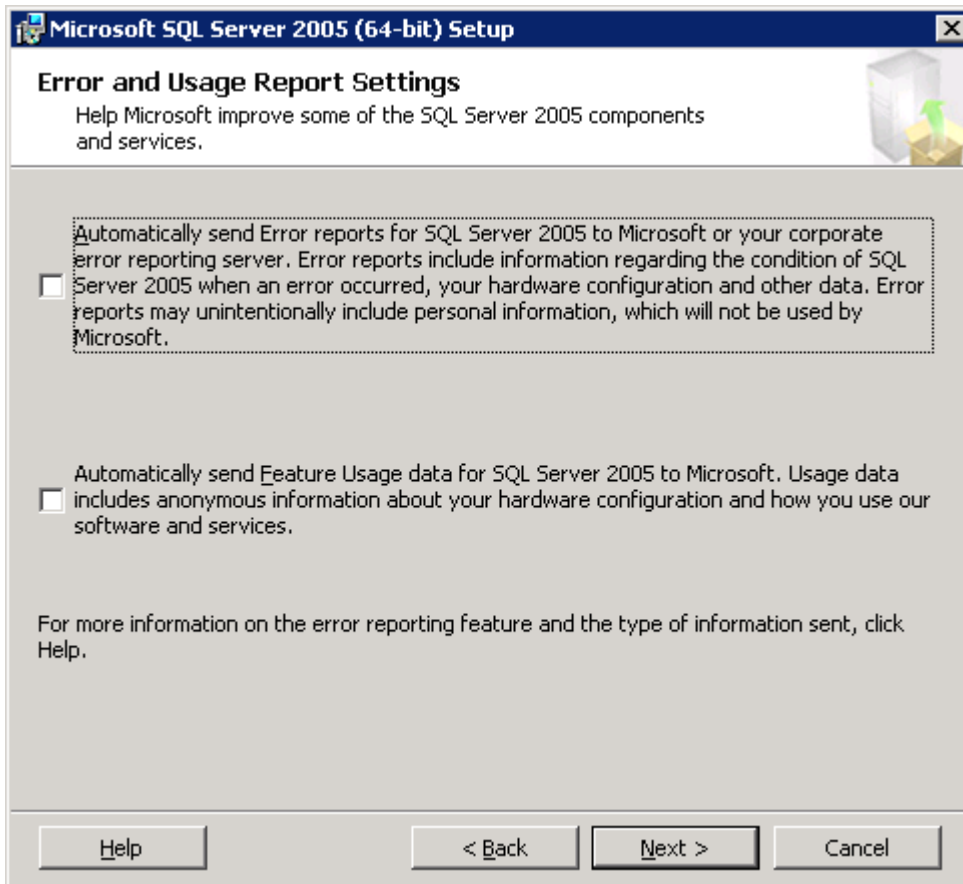
Select Use the built-in System account.



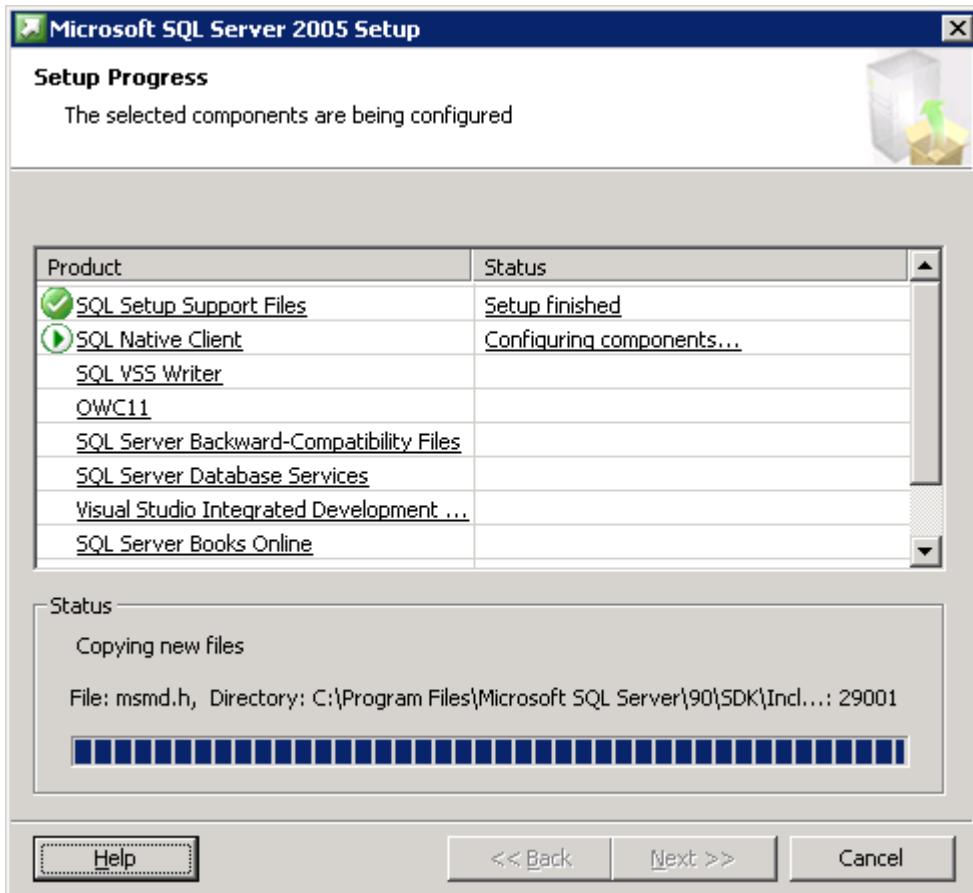
Next



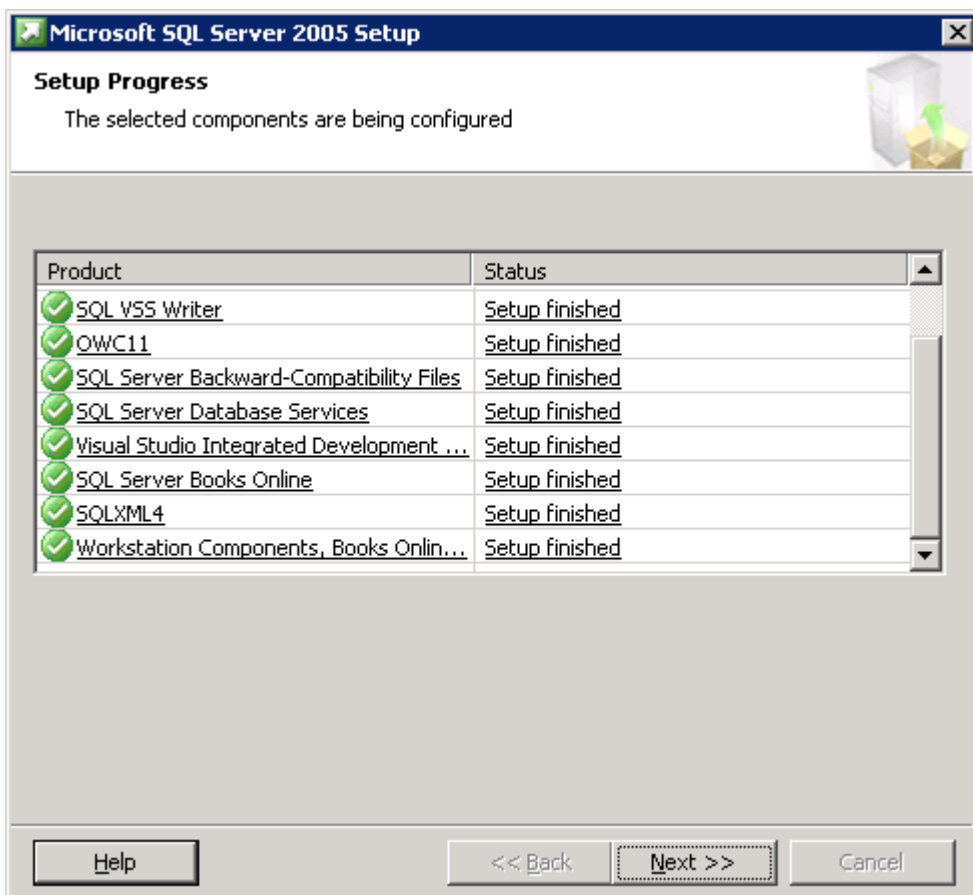
Select a dictionary order, case-insensitive collation.



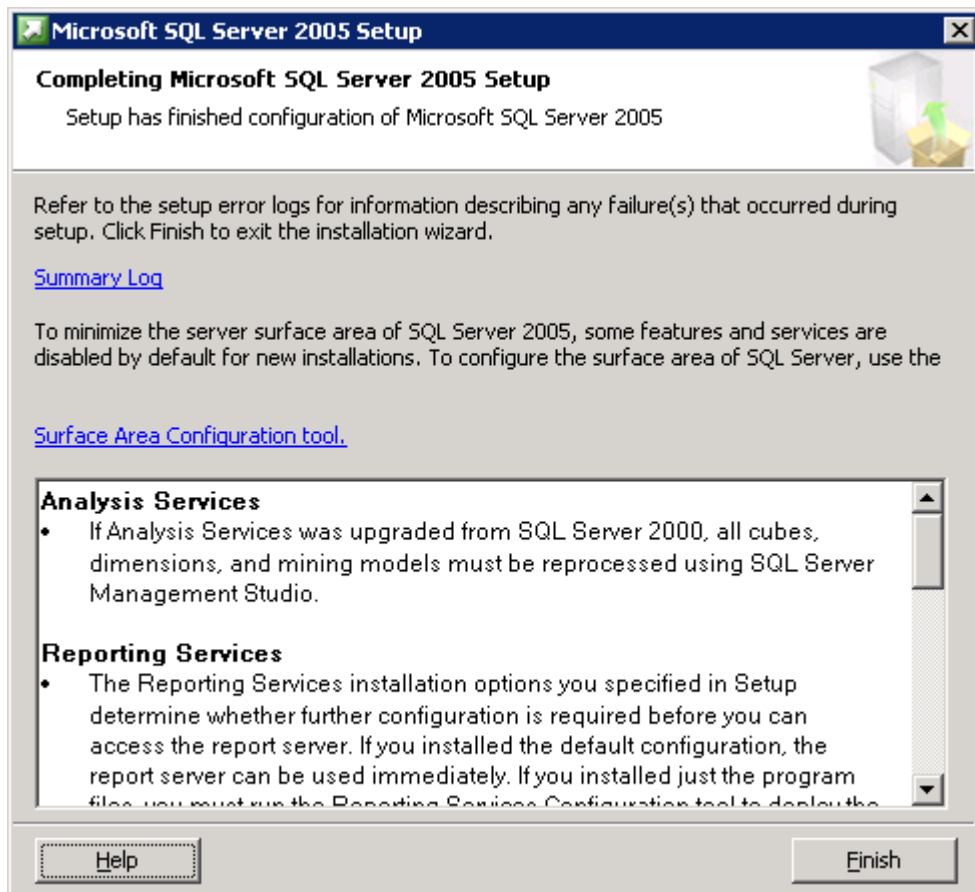
Select Install if correct.



Wait



Next



Finish.

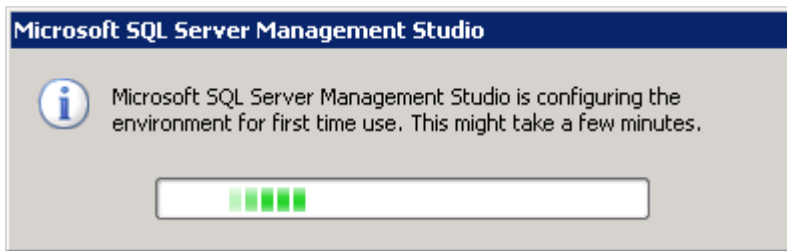
Update SQL Server

Install the latest SQL Server Service Packs and updates (e.g. SQLServer2005SP4-KB2463332-x64-ENU.exe)

Restore SAMLite Database

Restore backed up SAMLiteV5 database (set desired file system location accordingly in restore options)

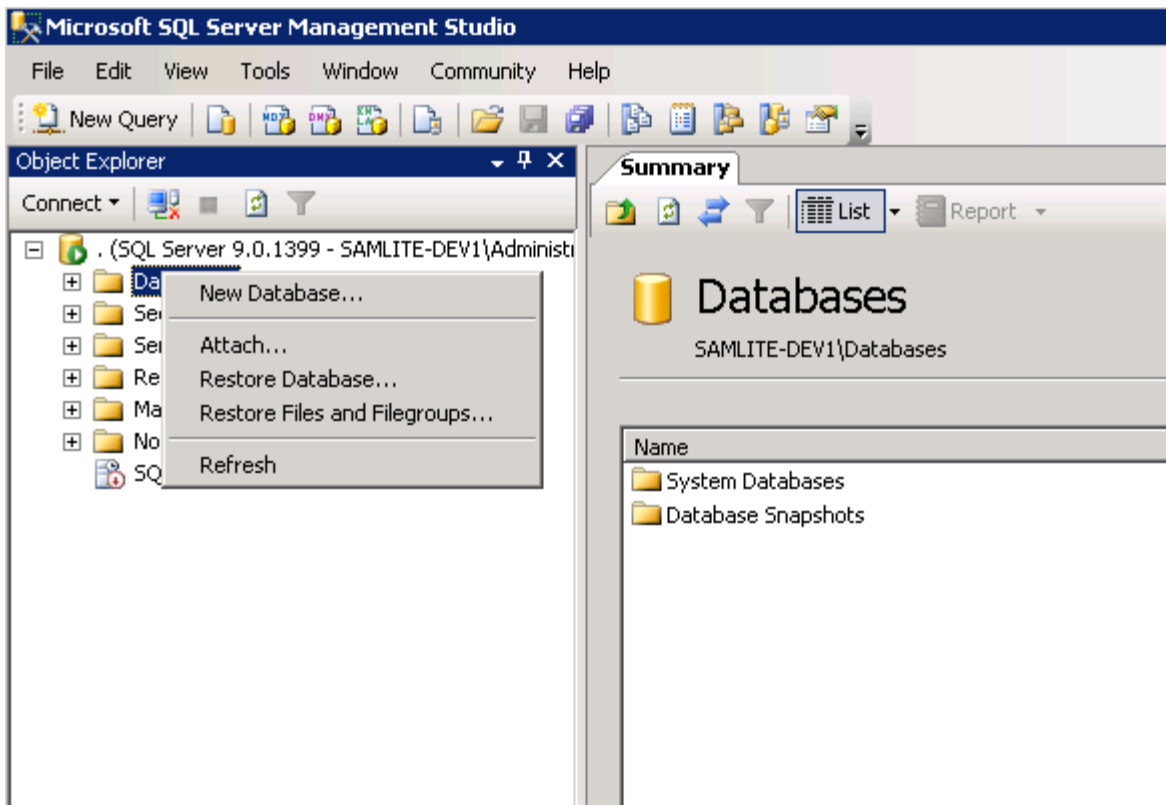
Start SQL Management Studio



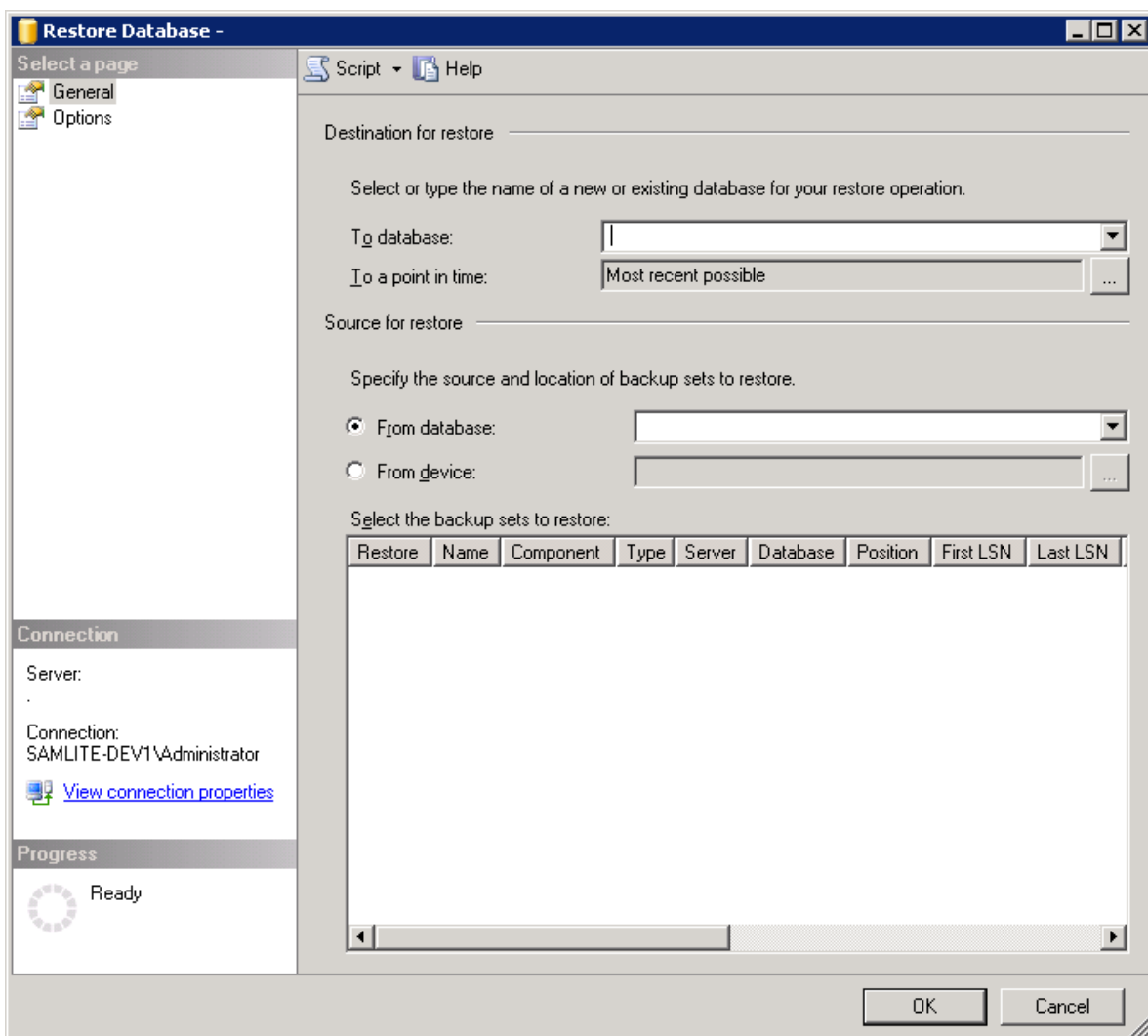
Wait



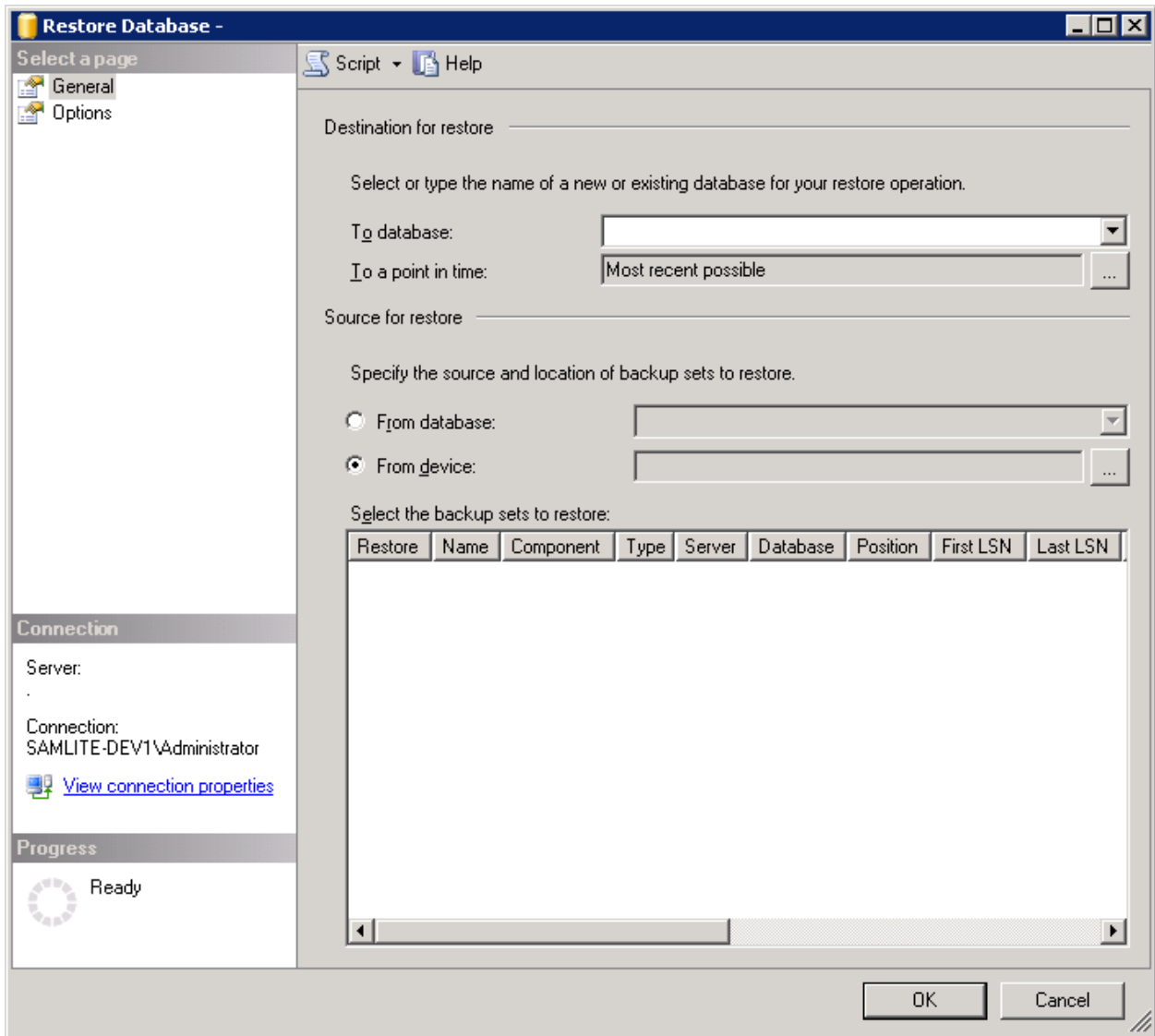
Type . for Server Name (local) and click Connect.



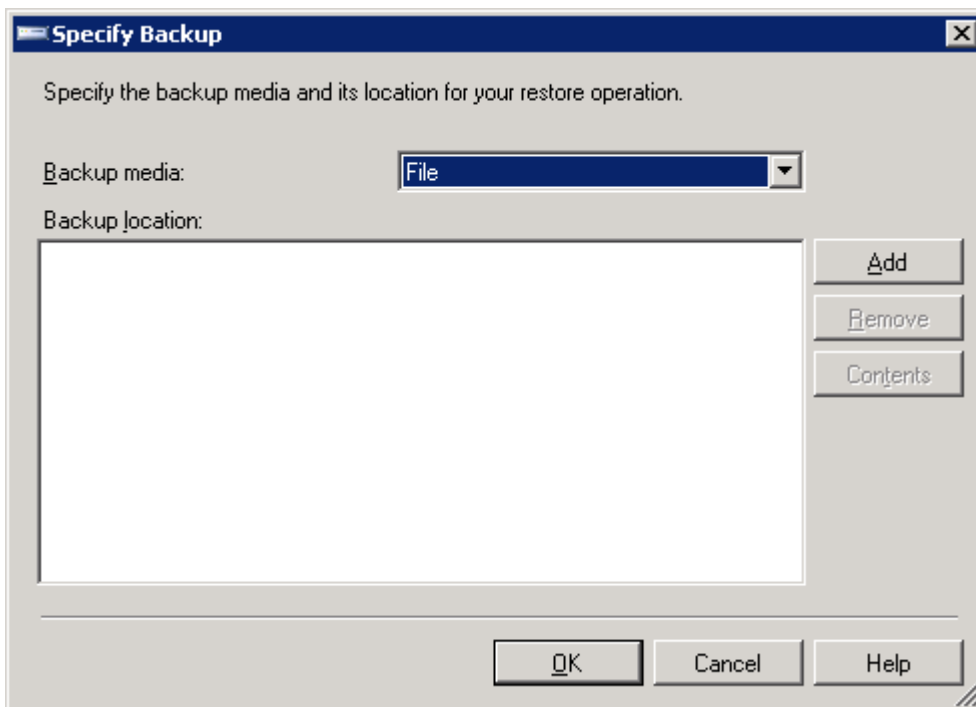
Right click on Databases and select Restore Database...



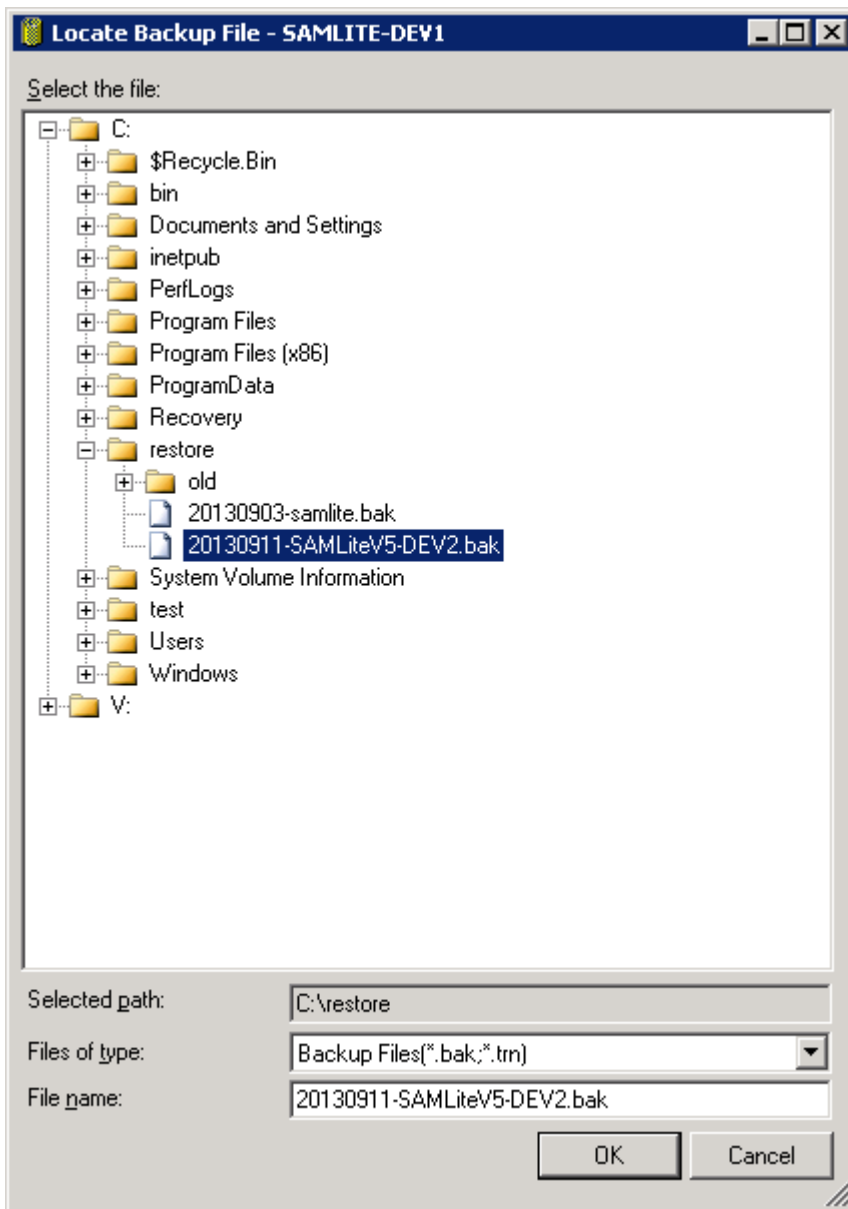
Select From Device assuming the Database backup is a file



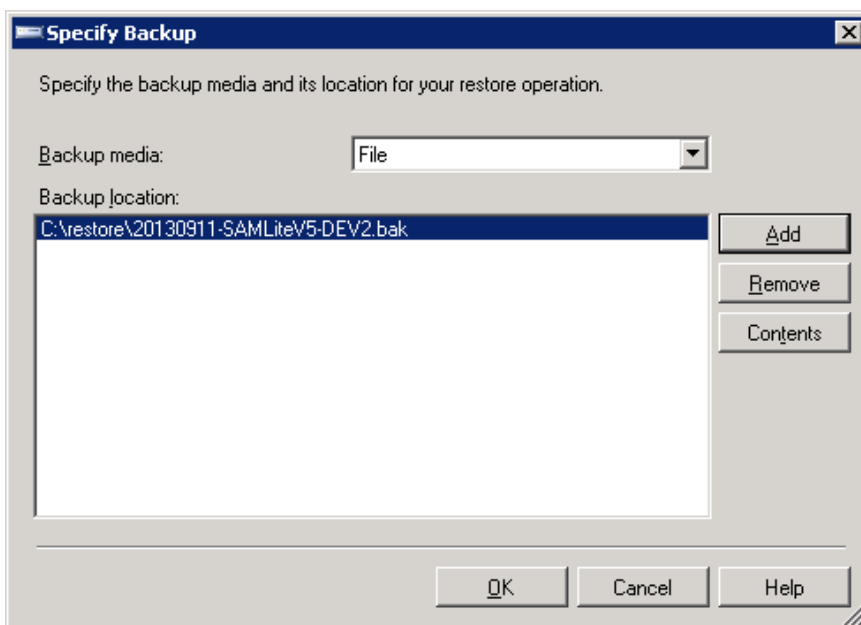
Click the “...” button.



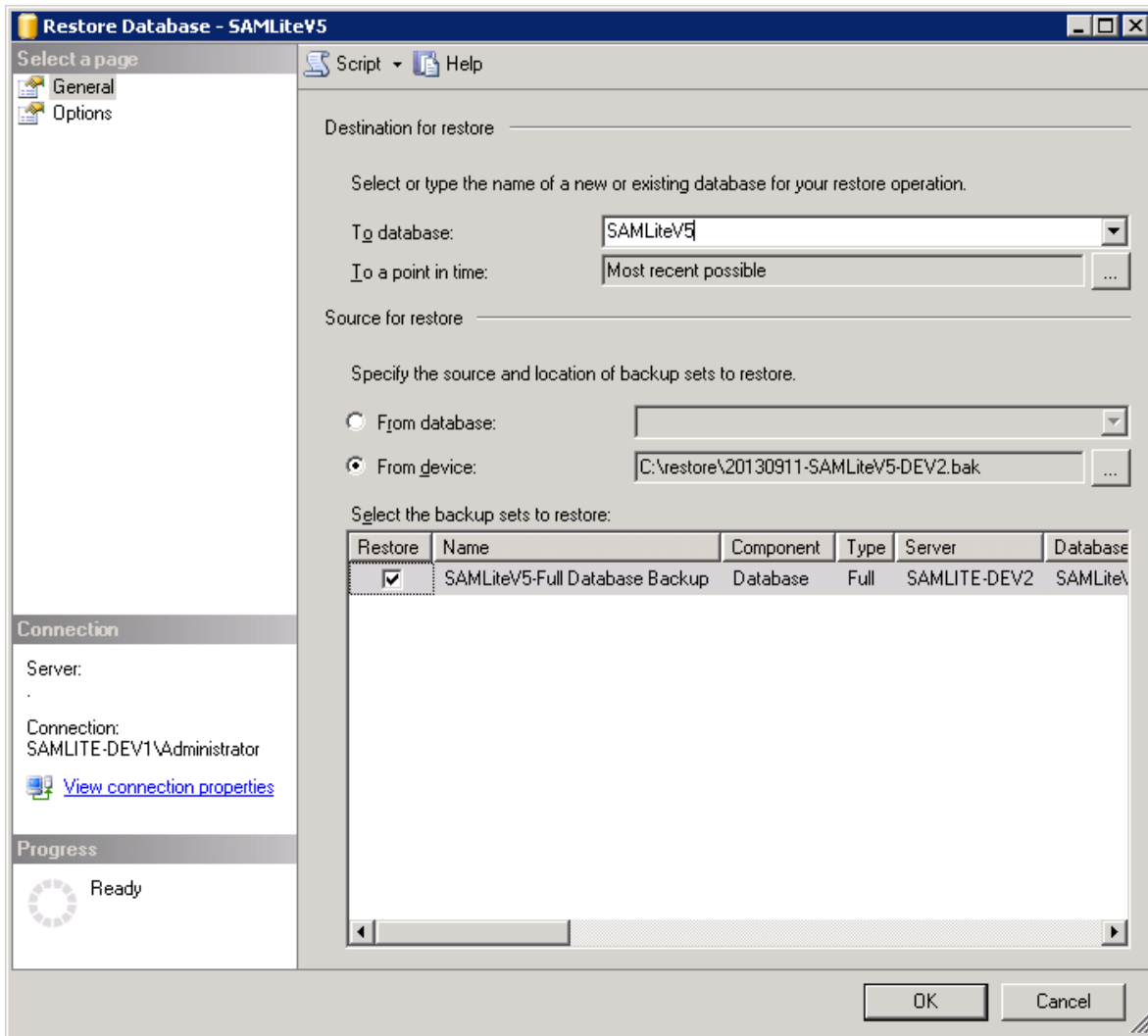
Click Add



Locate the DB backup file and click OK.

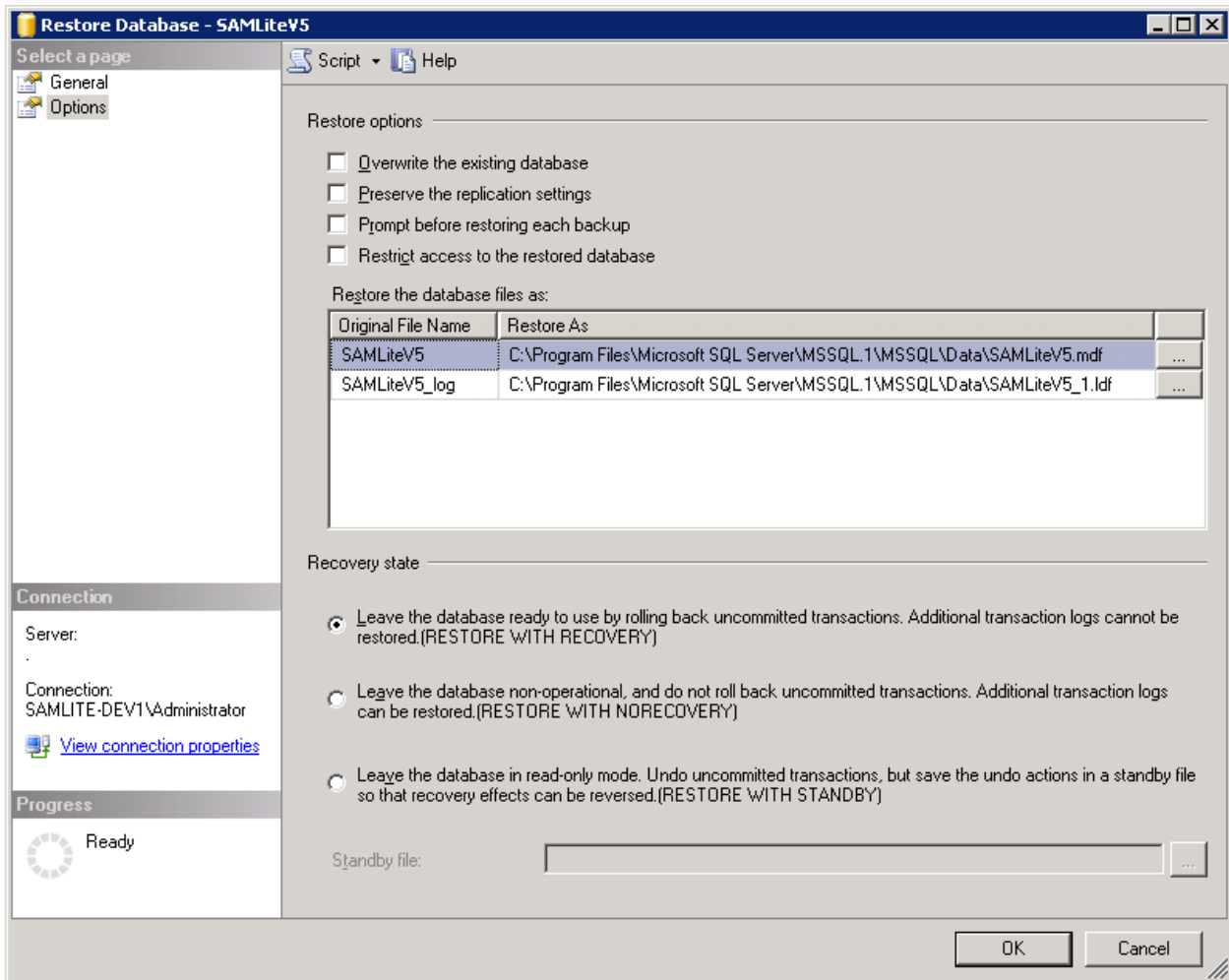


OK

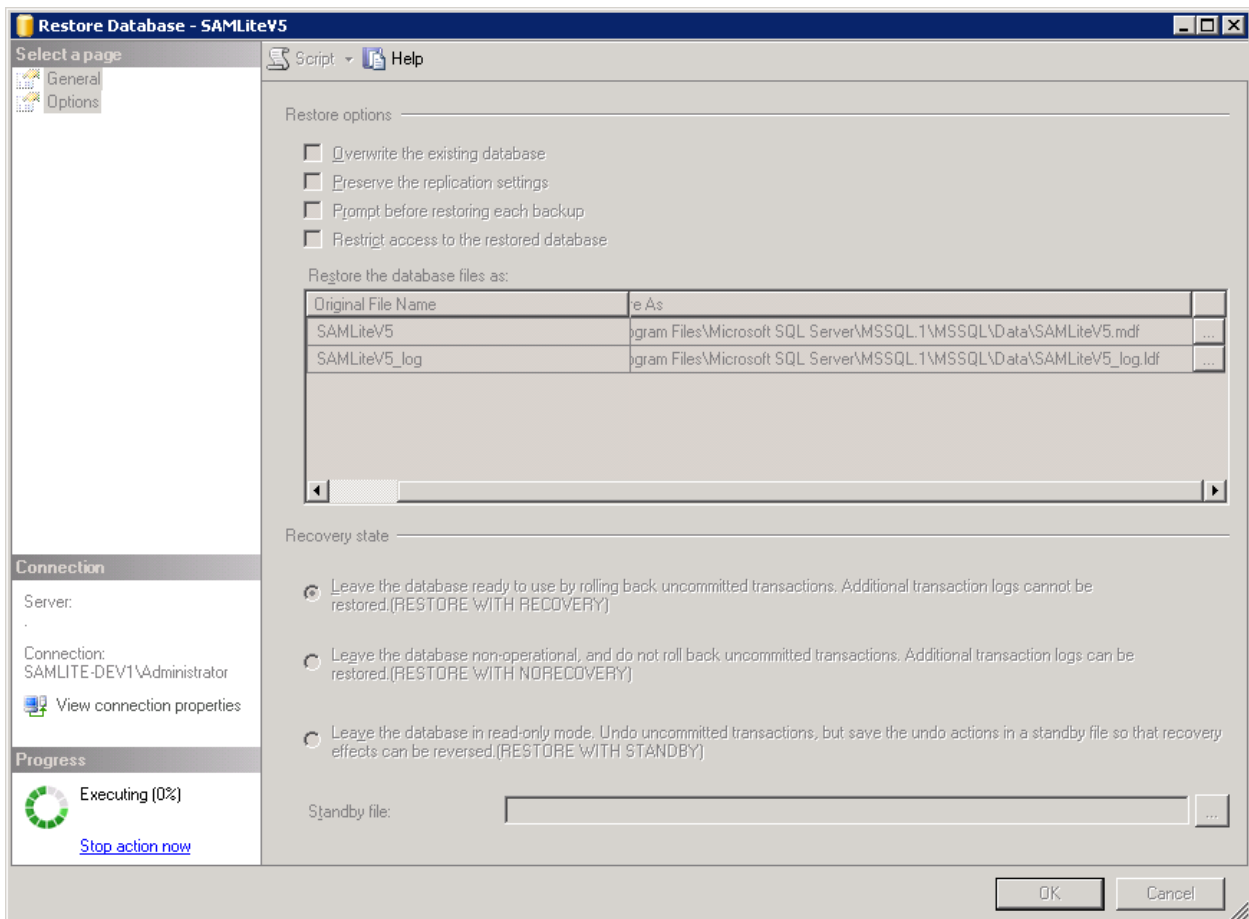


Select the appropriate backup set to restore. Enter SAMLiteV5 in the “To Database:” field.

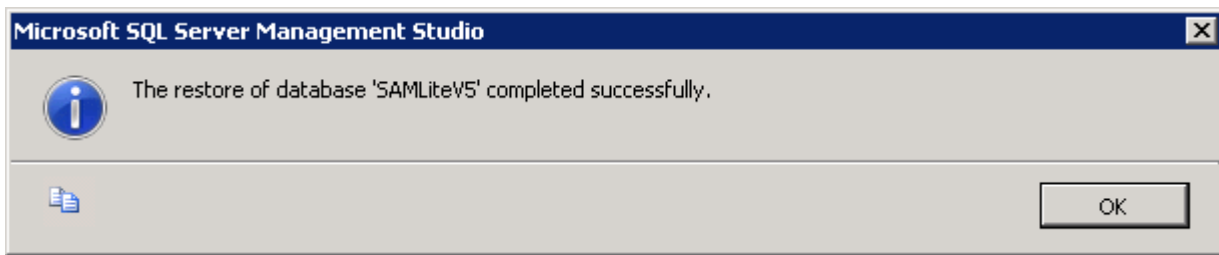
Do NOT click OK. Select Options.



Ensure the “Restore As” locations are as desired (located in the right drives). Then click OK.

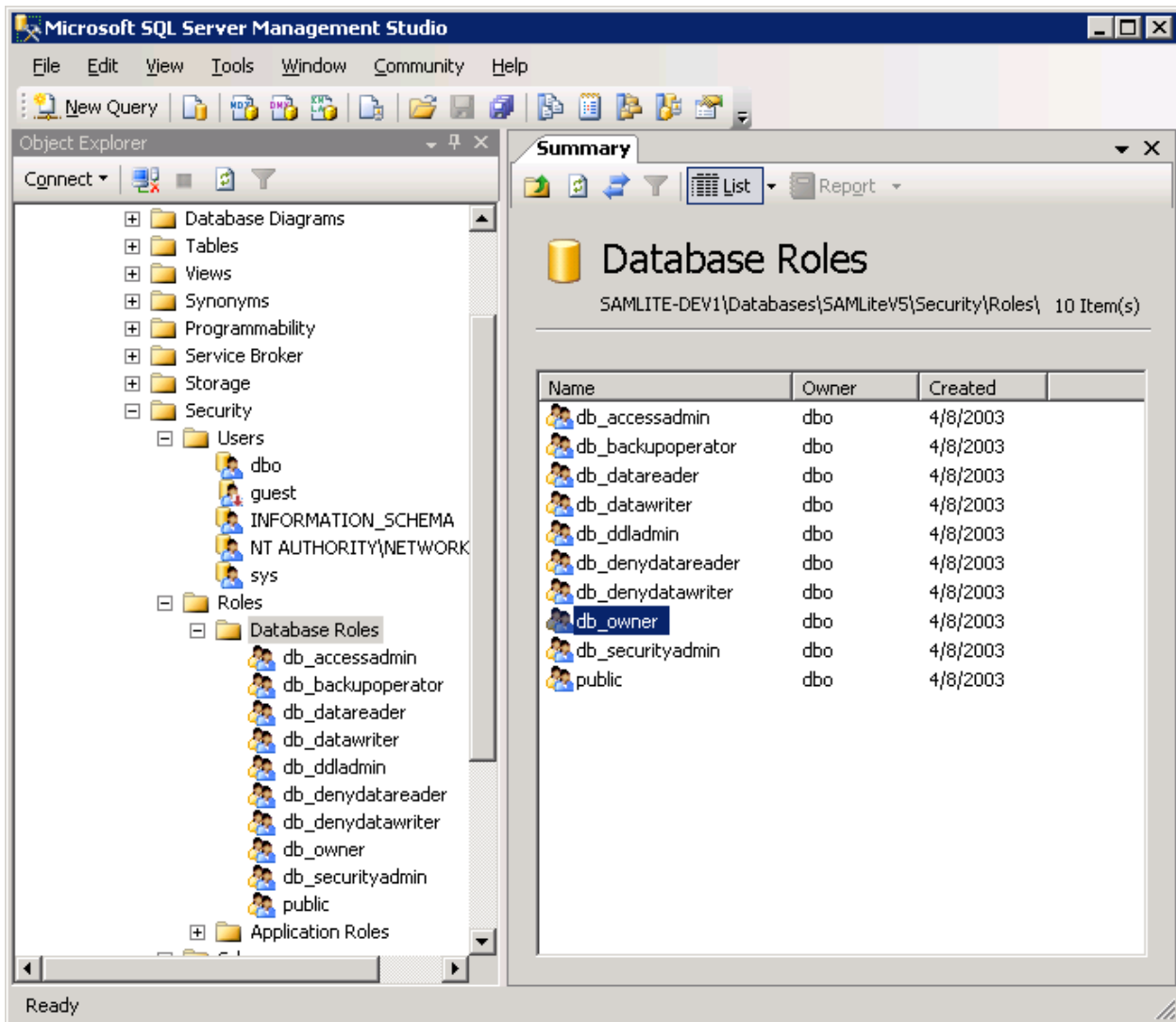


Wait (this may take a while depending on the backup size)

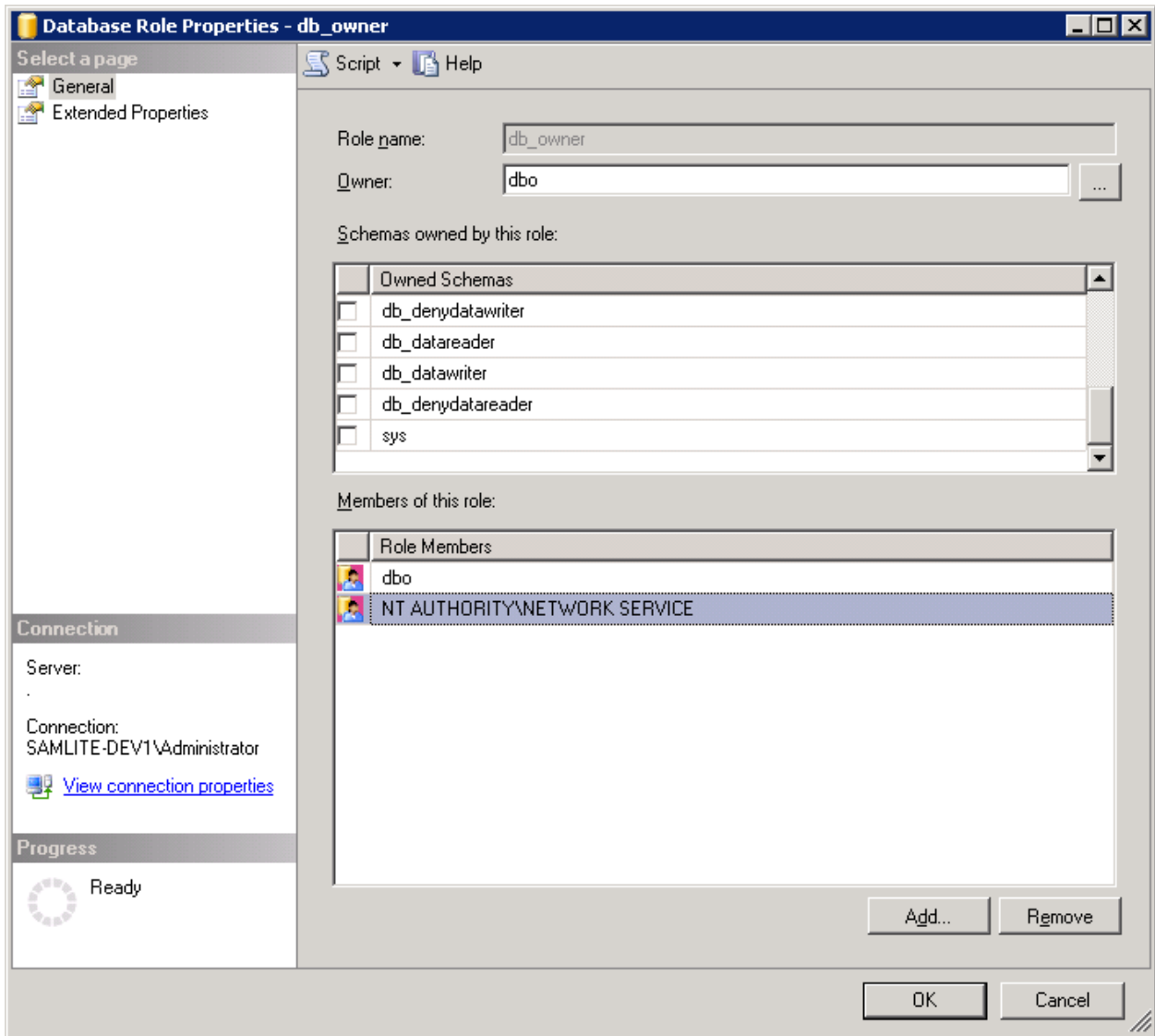


Click OK.

Restoring access to restored Database



Go to the SAMLiteV5 Database's Security/Roles Section, click on db_owner

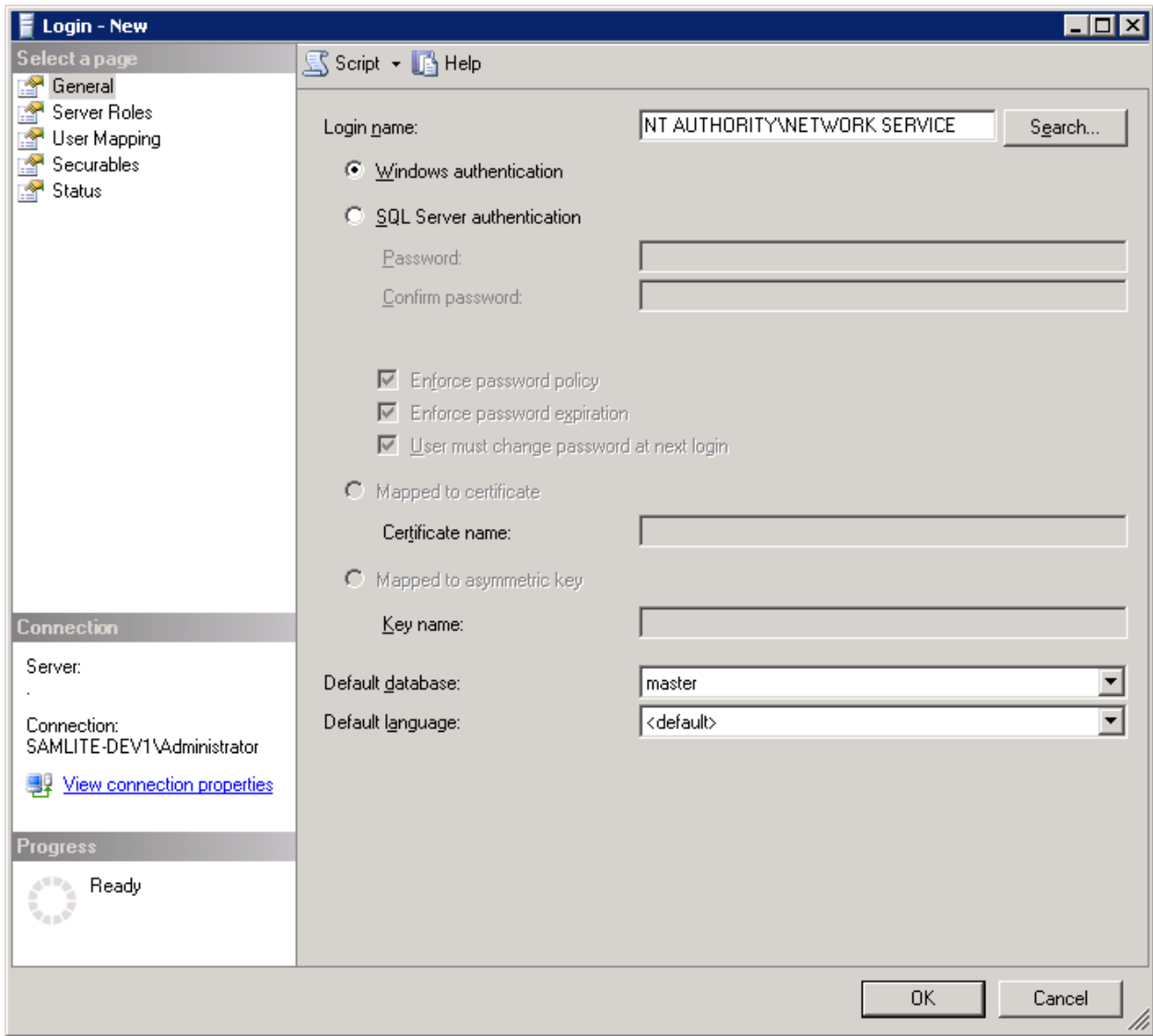


Ensure *NT AUTHORITY\NETWORK SERVICE* has *db_owner* role for the SAMLiteV5 database. Add if necessary. Click OK.

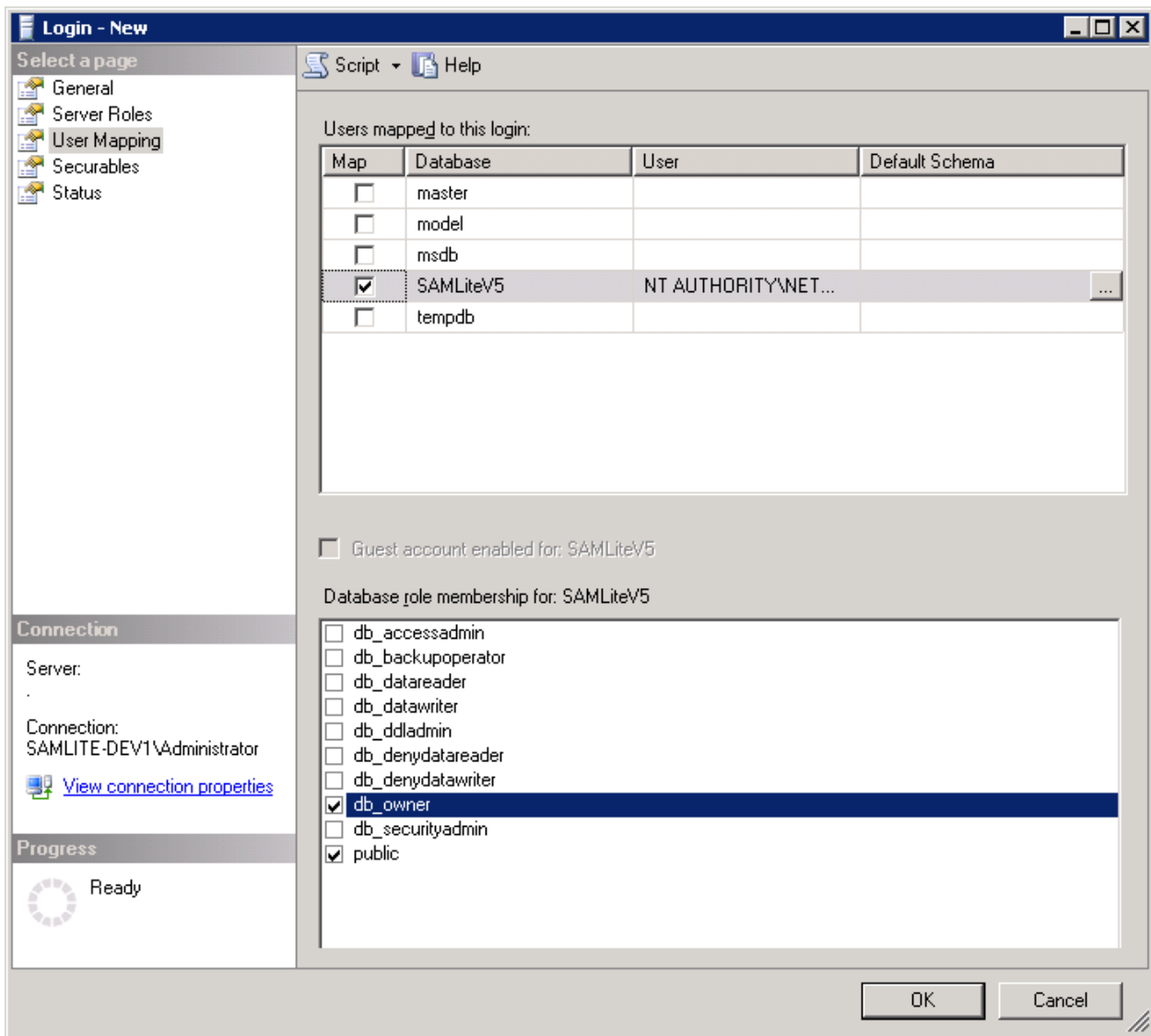
The screenshot shows the SQL Server Enterprise Manager interface. The Object Explorer on the left displays the server hierarchy, with the 'Logins' folder under 'Security' selected. A context menu is open over the 'Logins' folder, showing options: 'New Login...', 'Filter', and 'Refresh'. The right pane, titled 'Summary', displays the 'Logins' folder and a table of login accounts.

Name	Created
BUILTIN\Administrators	9/11/2013
NT AUTHORITY\SYSTEM	9/11/2013
sa	4/8/2003
SAMLITE-DEV1\SQLServer200...	9/11/2013
SAMLITE-DEV1\SQLServer200...	9/11/2013
SAMLITE-DEV1\SQLServer200...	9/11/2013

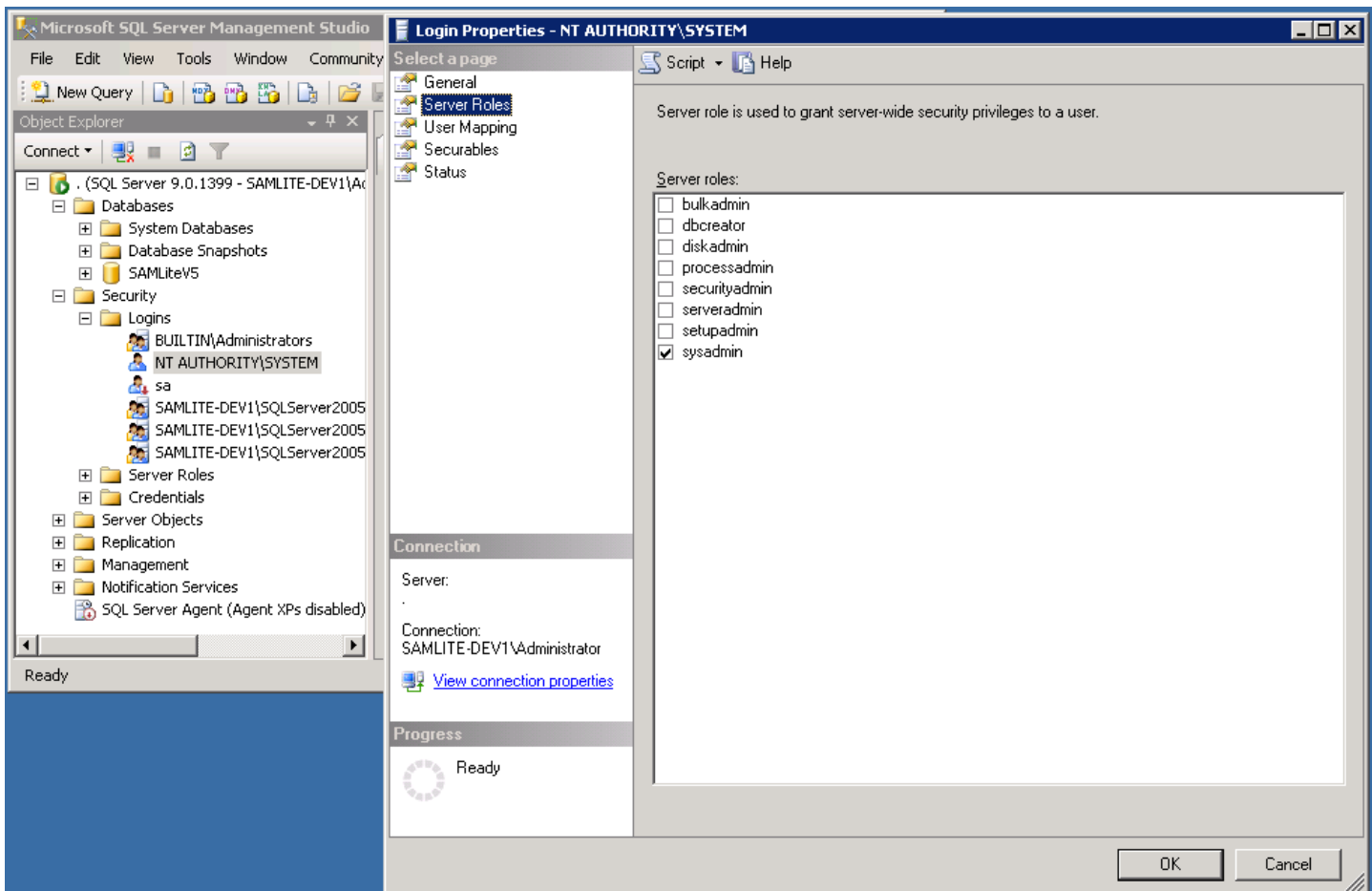
Ensure that *NT AUTHORITY\NETWORK SERVICE* is able to login, create the account in Logins if it is not present. If it is already present, double click on it to ensure the mapping is correct.



Select User Mapping



Ensure *NETWORK SERVICE* has the *db_owner* role on the *SAMLiteV5* database. Click OK.



Similarly ensure *NT AUTHORITY\SYSTEM* has db_owner role (or greater e.g. sysadmin) for the SAMLiteV5 database (or more)

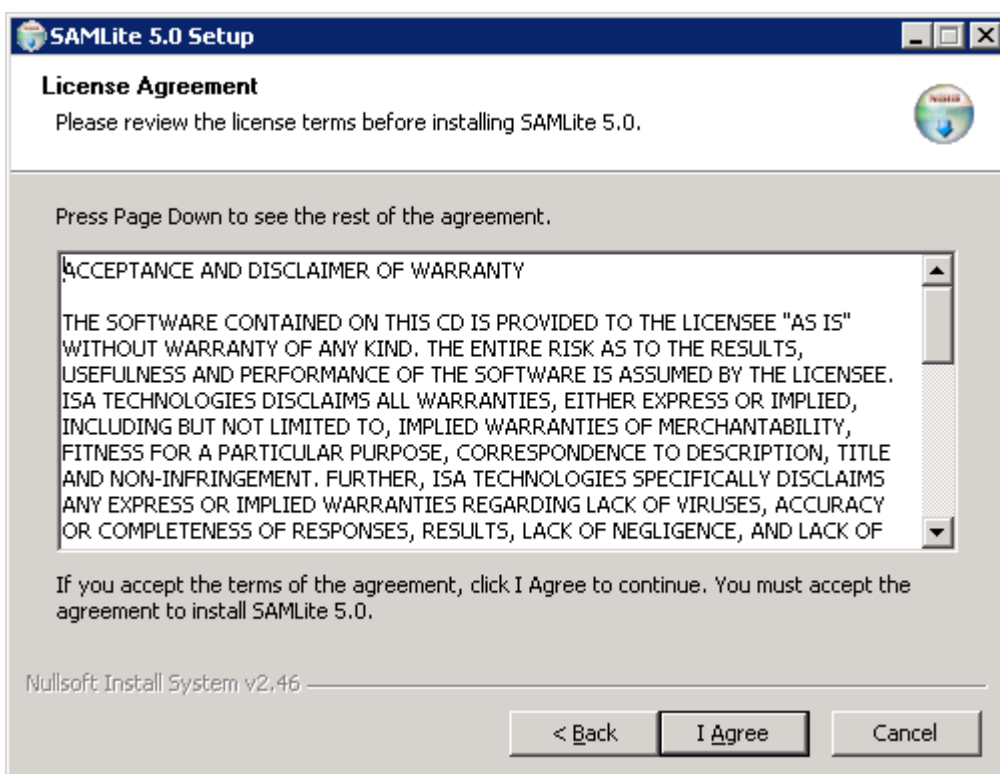
The SAMLiteV5 database is now restored.

Install SAMLite

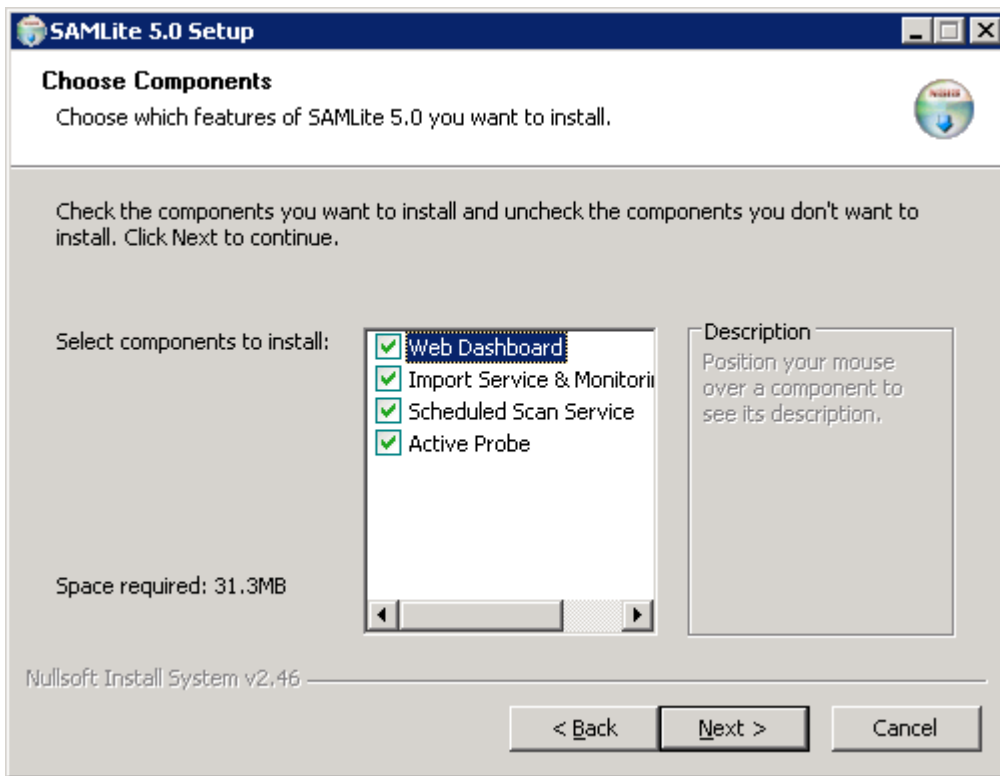
Run the SAMLiteSetup.exe installation file



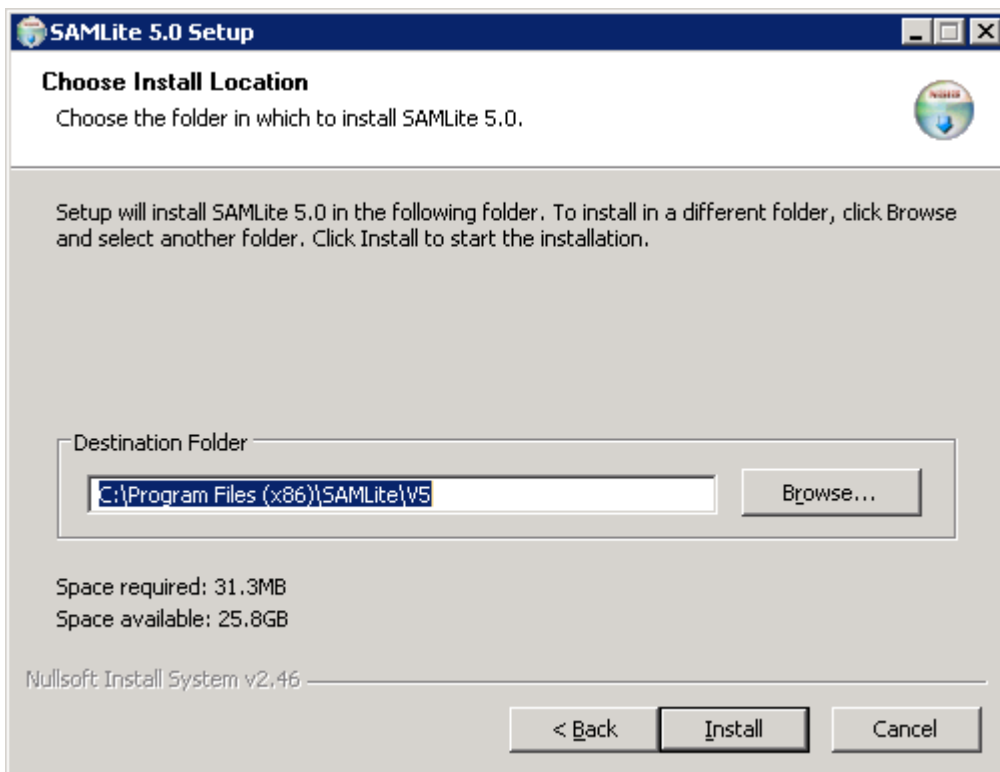
Next



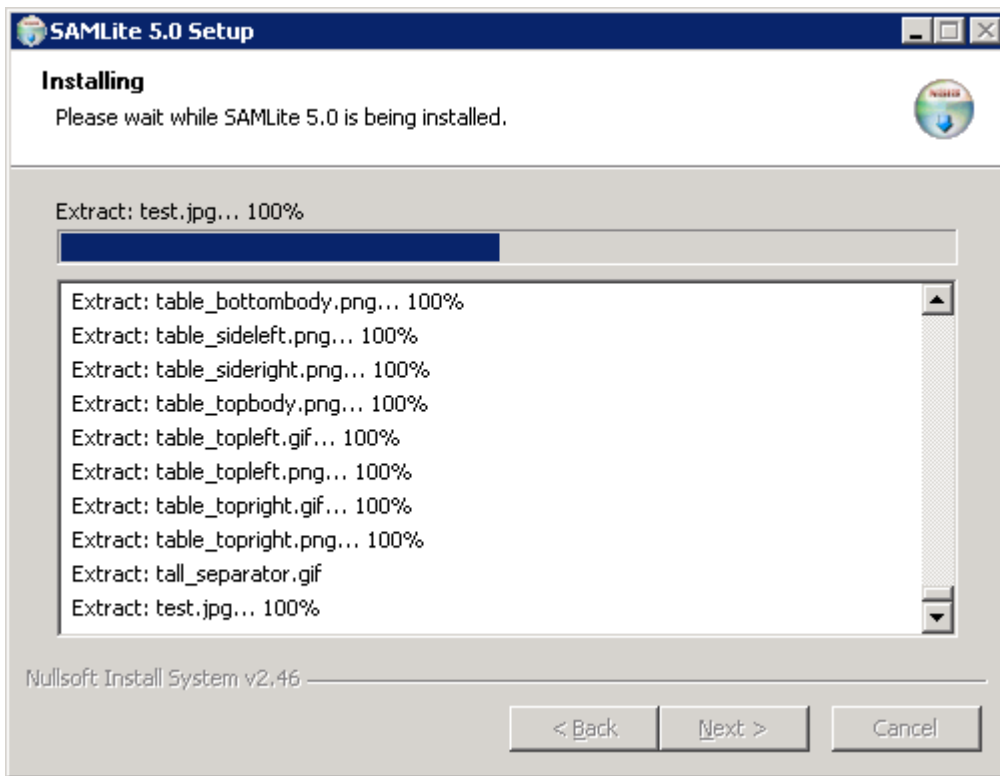
If terms are acceptable select Agree, otherwise cancel the restore.



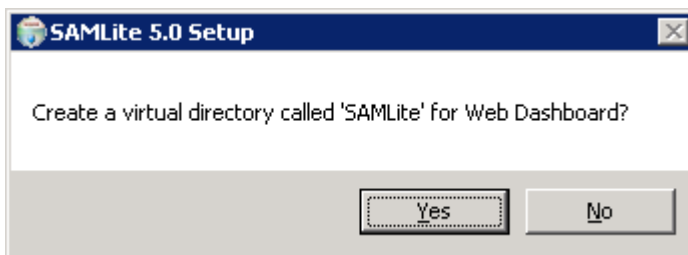
Next



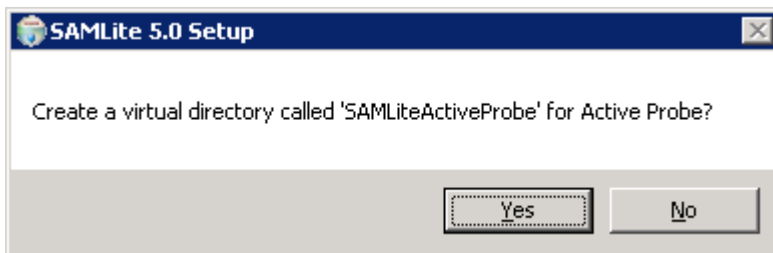
Specify the desired destination (you may wish to select a partition/drive with more space)



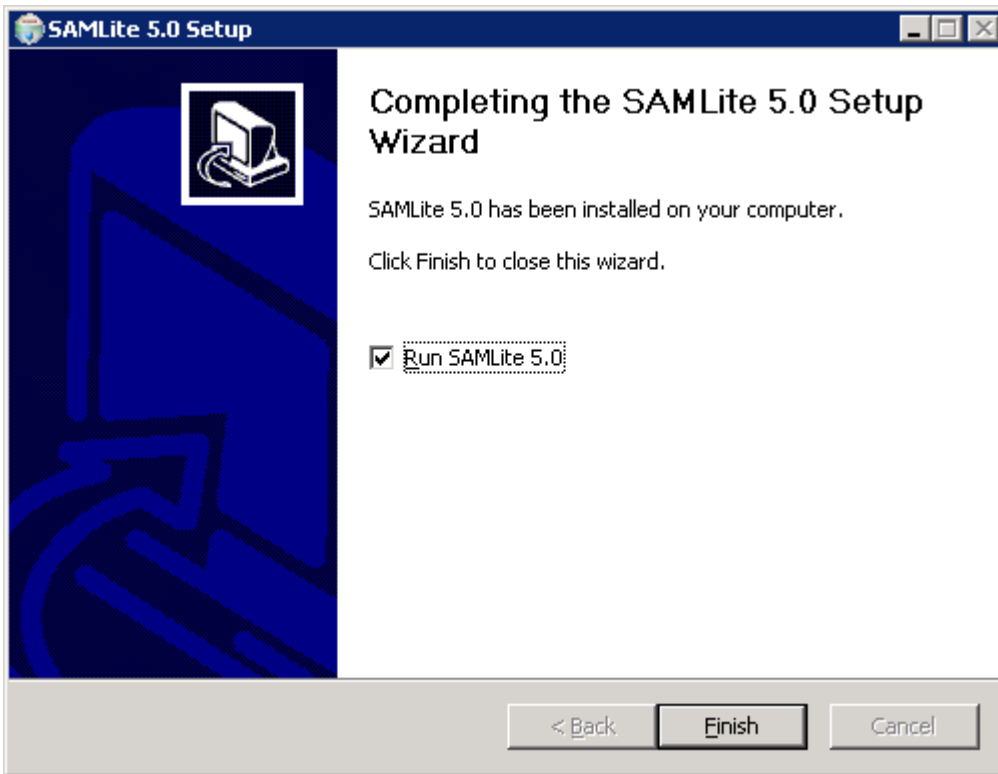
Wait



Click Yes.



Click Yes

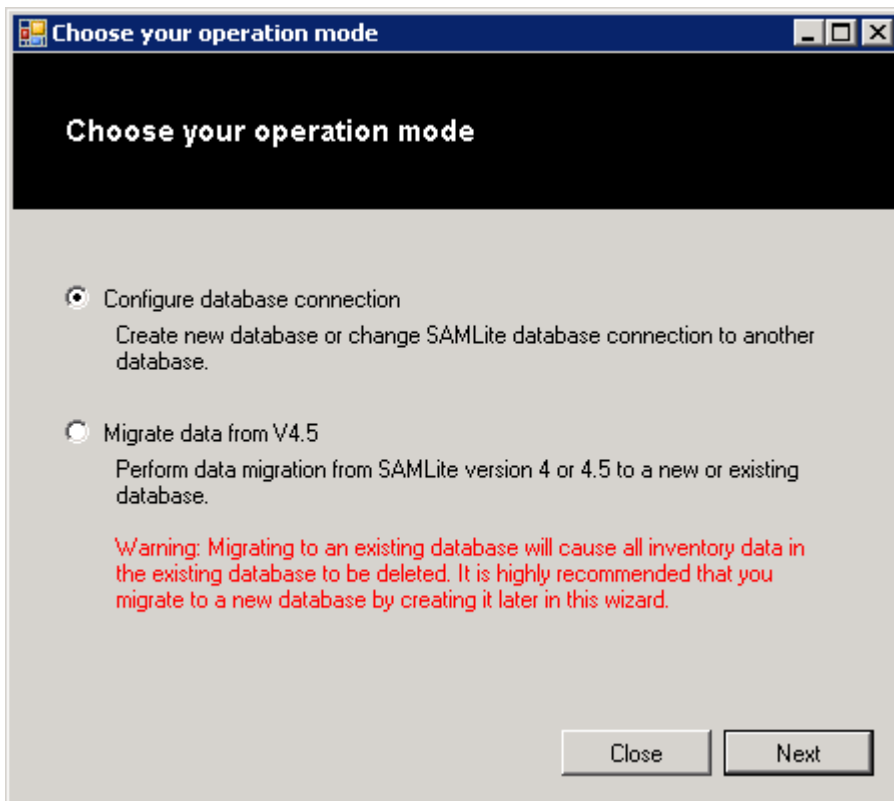


Make sure Run SAMLite 5.0 is selected and click “Finish” to start the database configuration wizard

SAMLite Database Configuration Wizard



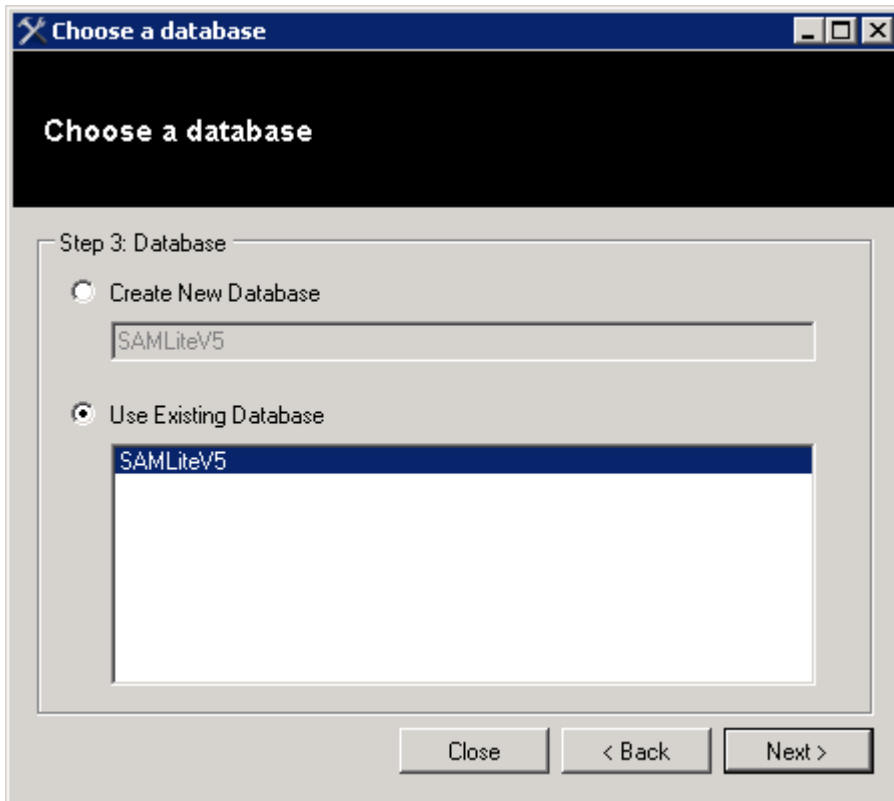
Next



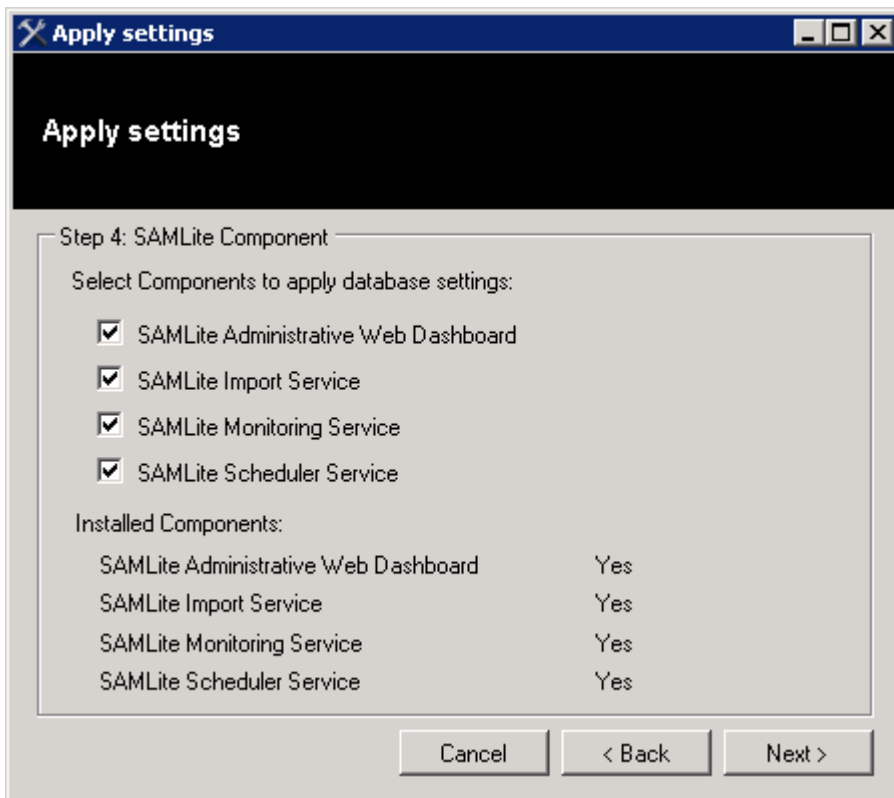
Next



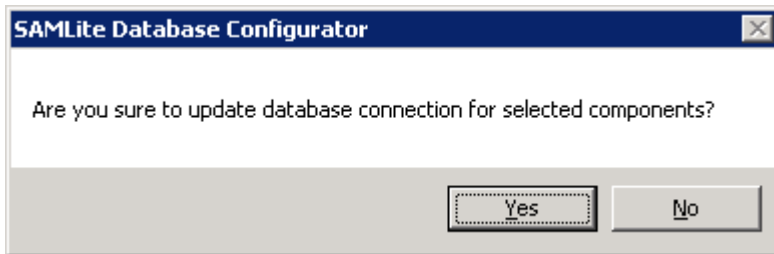
If you are using the default instance select Local Server, otherwise specify the SQL server location and instance and click Next.



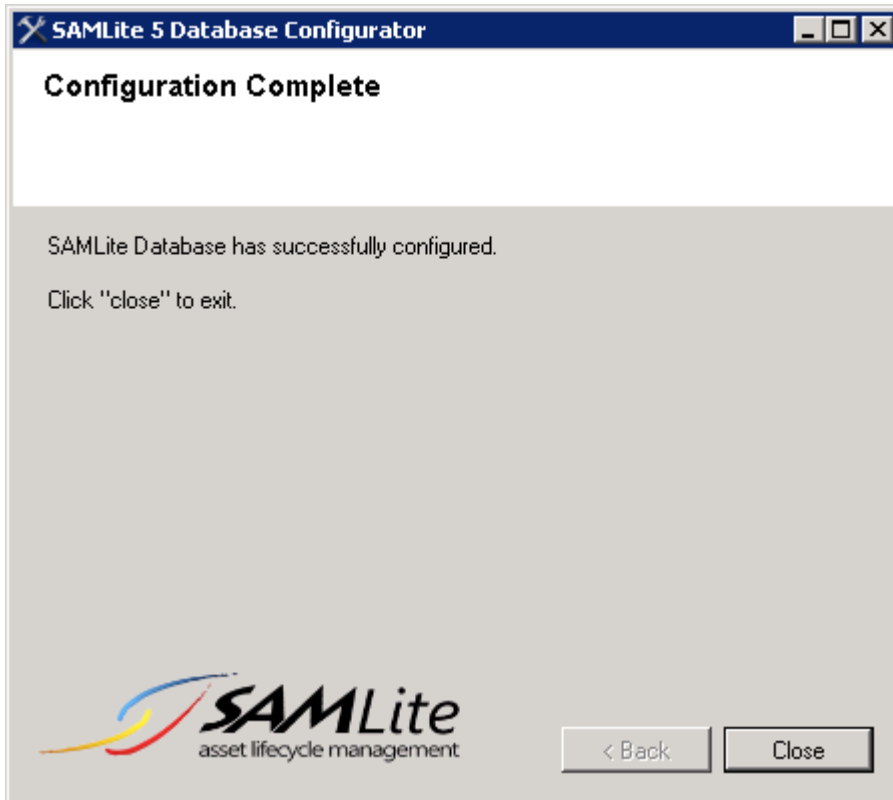
Select **“Use Existing Database”** and highlight the restored SAMLiteV5 database and click Next. Do **NOT** select **“Create New Database”**.



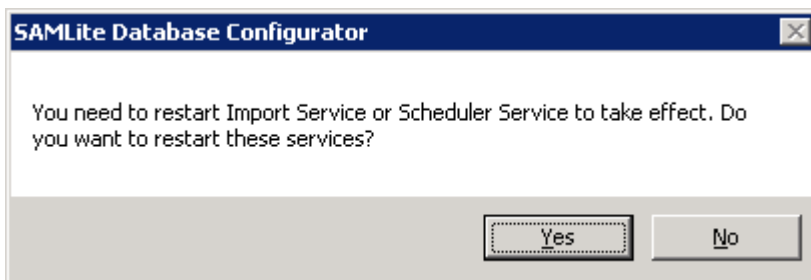
Click Next



Yes



Close



Click Yes

```
C:\Windows\system32\cmd.exe
uninstall will continue. However, the application might not be fully uninstalled after the uninstall is complete.
Microsoft (R) .NET Framework Installation utility Version 2.0.50727.832
Copyright (c) Microsoft Corporation. All rights reserved.

Running a transacted installation.

Beginning the Install phase of the installation.
See the contents of the log file for the C:\Program Files (x86)\SAMLite\U5\ImportService\ImportService.exe assembly's progress.
The file is located at C:\Program Files (x86)\SAMLite\U5\ImportService\ImportService.InstallLog.
Installing assembly 'C:\Program Files (x86)\SAMLite\U5\ImportService\ImportService.exe'.
Affected parameters are:
  logtoconsole =
  assemblypath = C:\Program Files (x86)\SAMLite\U5\ImportService\ImportService.exe
  logfile = C:\Program Files (x86)\SAMLite\U5\ImportService\ImportService.InstallLog
Installing service SAMLite v5 Import Service...
Service SAMLite v5 Import Service has been successfully installed.
Creating EventLog source SAMLite v5 Import Service in log Application...
```

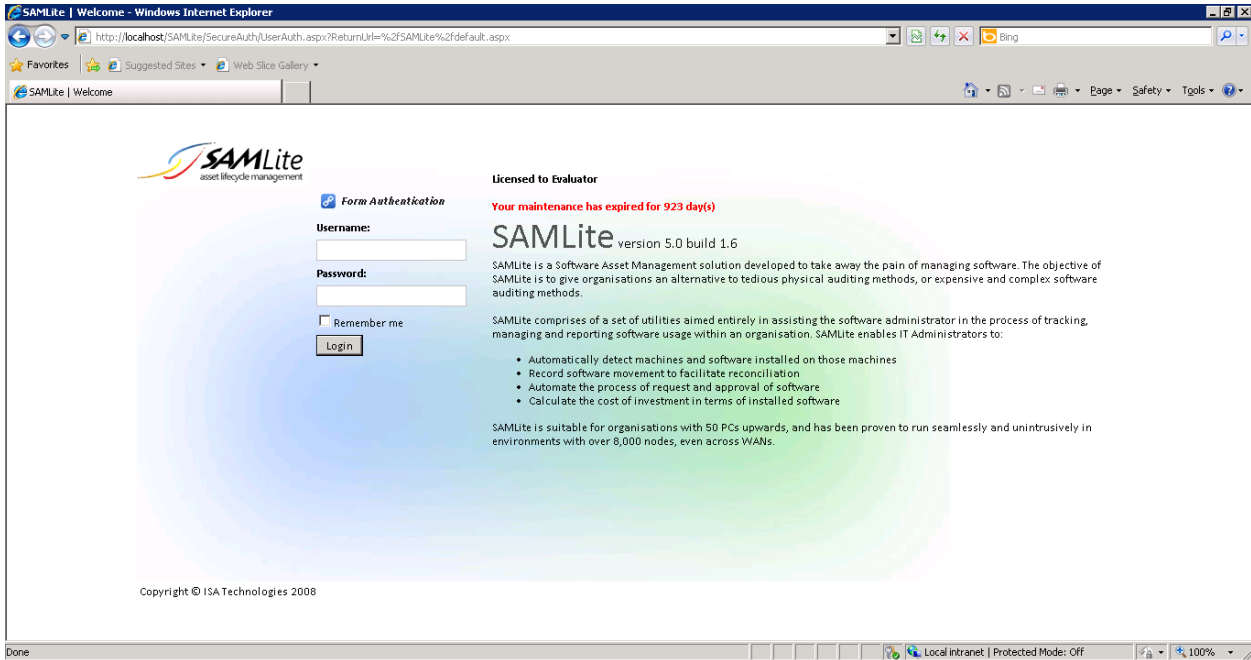
Install any provided patches in order.

Run services.msc and stop the SAMLite Import Service, Monitoring Service and Scheduling Service.

Verifying SAMLite Installation

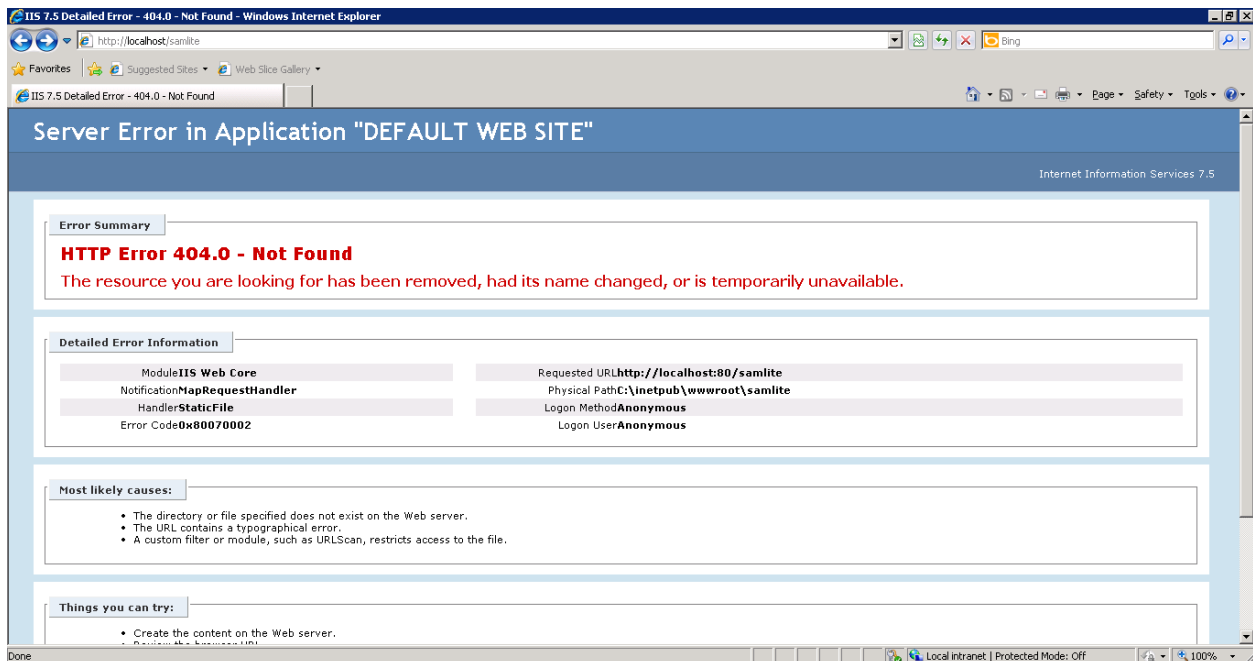
Start Internet explorer and go to <http://localhost/samlite>.

Successful installation



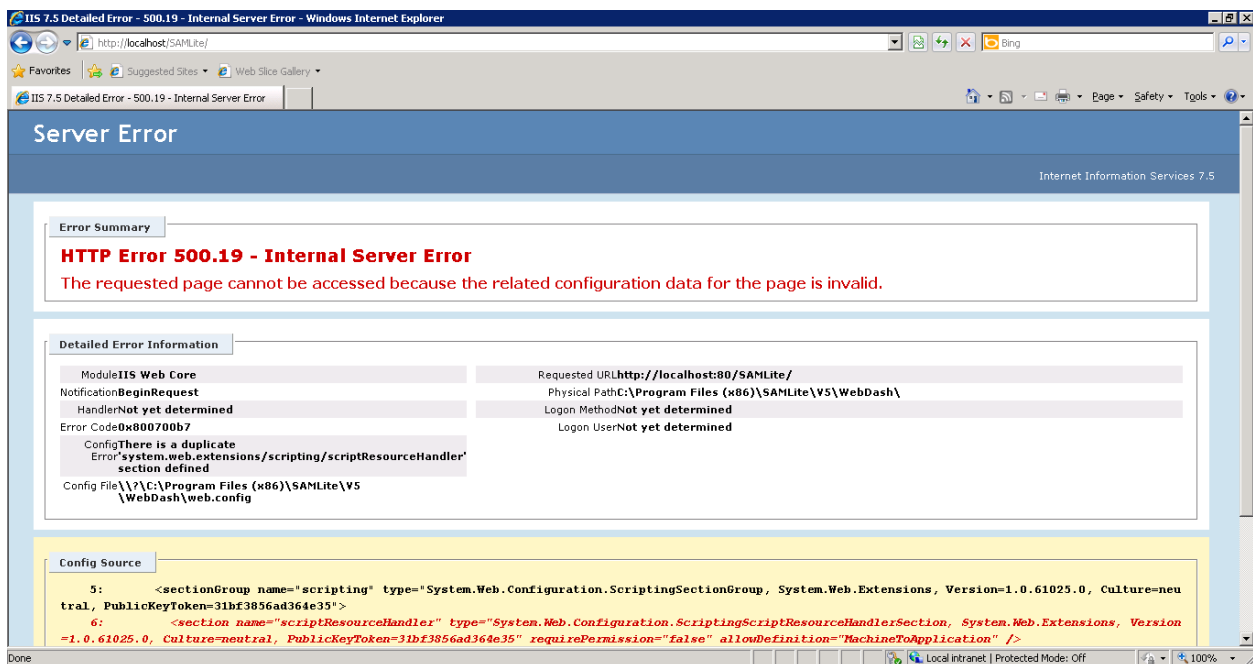
If you see the login page proceed to the “Final SAMLite Configuration” section

Unsuccessful installation- 404



If you see the above page it could mean the SAMLite Application was not successfully added to IIS by the installer and needs to be manually added. Go to "the Adding the SAMLite application to IIS manually" section.

Unsuccessful installation- 500



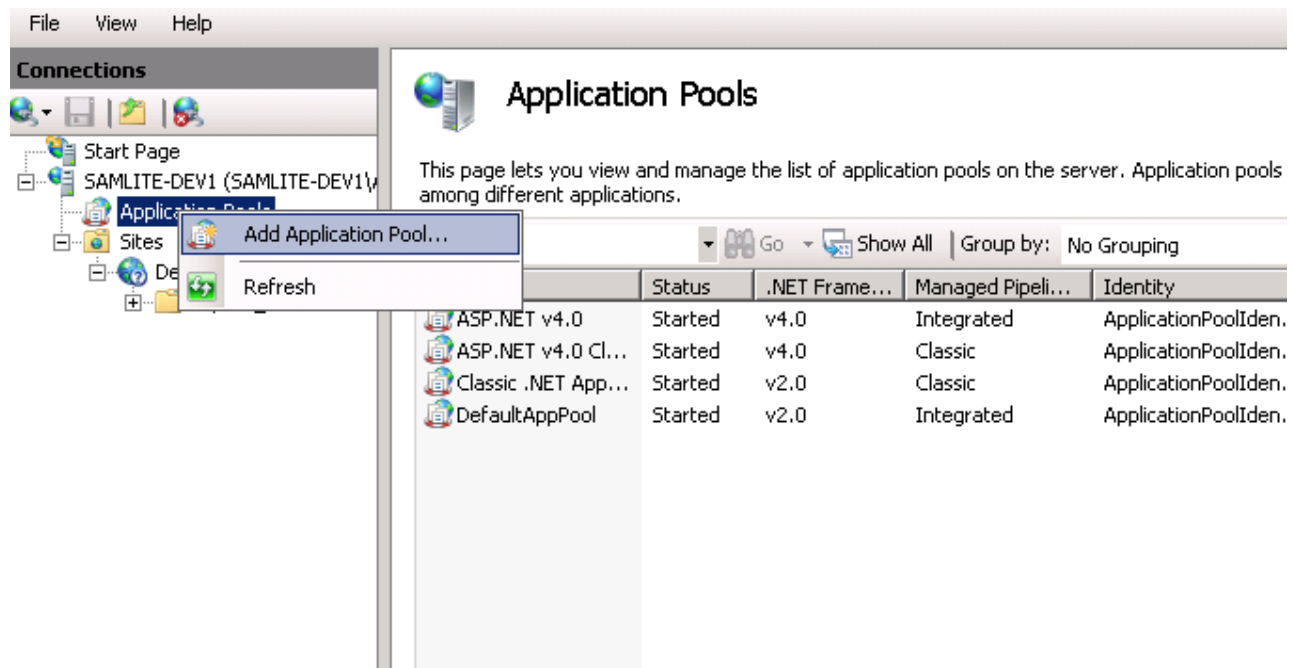
If you see something like the above, the ASP.Net or IIS configuration could be incorrect or corrupted. Ensure that the SAMLite application pool is running .Net Framework 2.0.

See also: <http://support.microsoft.com/kb/306005>

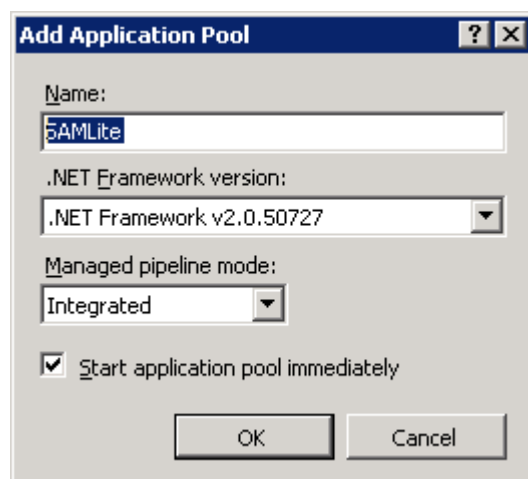
E.g. you may have to run: "%windir%\Microsoft.NET\Framework\v2.0.50727\aspnet_regiis.exe" -i -enable

Adding the SAMLite application to IIS manually

Run IIS Manager



Add an Application Pool called SAMLite



Click OK

File View Help

Connections

- Start Page
- SAMLITE-DEV1 (SAMLITE-DEV1)
- Application Pools
- Sites
 - Default Web Site
 - aspnet_client
 - SAMLite

Application Pools

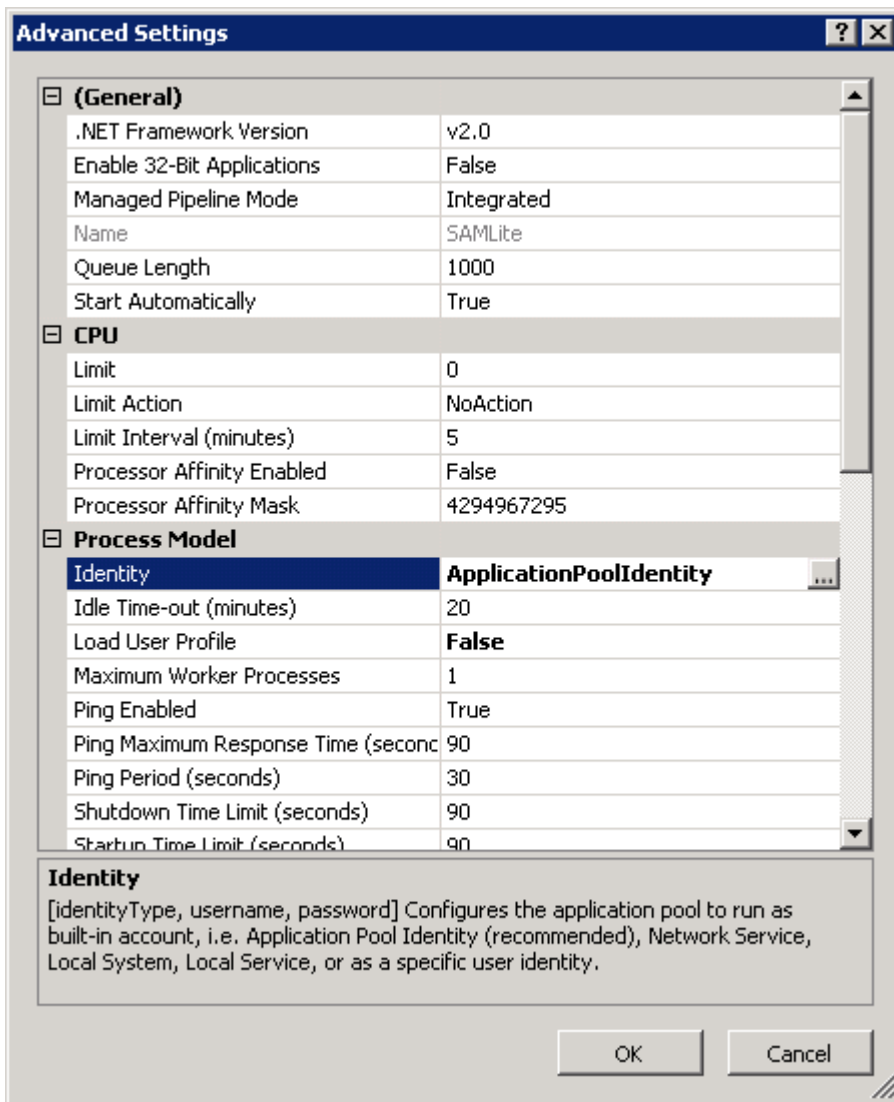
This page lets you view and manage the list of application pools on the server. Application pools are associated among different applications.

Filter: [] Go [] Show All | Group by: No Grouping []

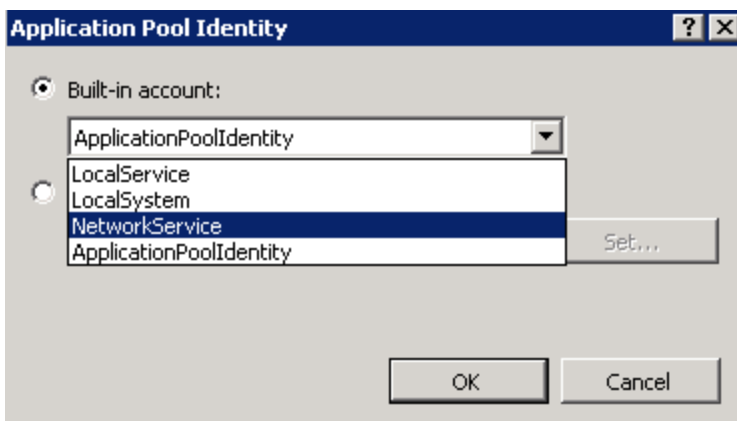
Name	Status	.NET Framework	Managed Pipeline	Identity	Applica
ASP.NET v4.0	Started	v4.0	Integrated	ApplicationPoolIden...	0
ASP.NET v4.0 Cl...	Started	v4.0	Classic	ApplicationPoolIden...	0
Classic .NET App...	Started	v2.0	Classic	ApplicationPoolIden...	0
DefaultAppPool	Started	v2.0	Integrated	ApplicationPoolIden...	1
SAMLite	Sta			ApplicationPoolIden...	1

- Add Application Pool...
- Set Application Pool Defaults...
- Start
- Stop
- Recycle...
- Basic Settings...
- Recycling...
- Advanced Settings...
- Rename
- Remove
- View Applications
- Help
- Online Help

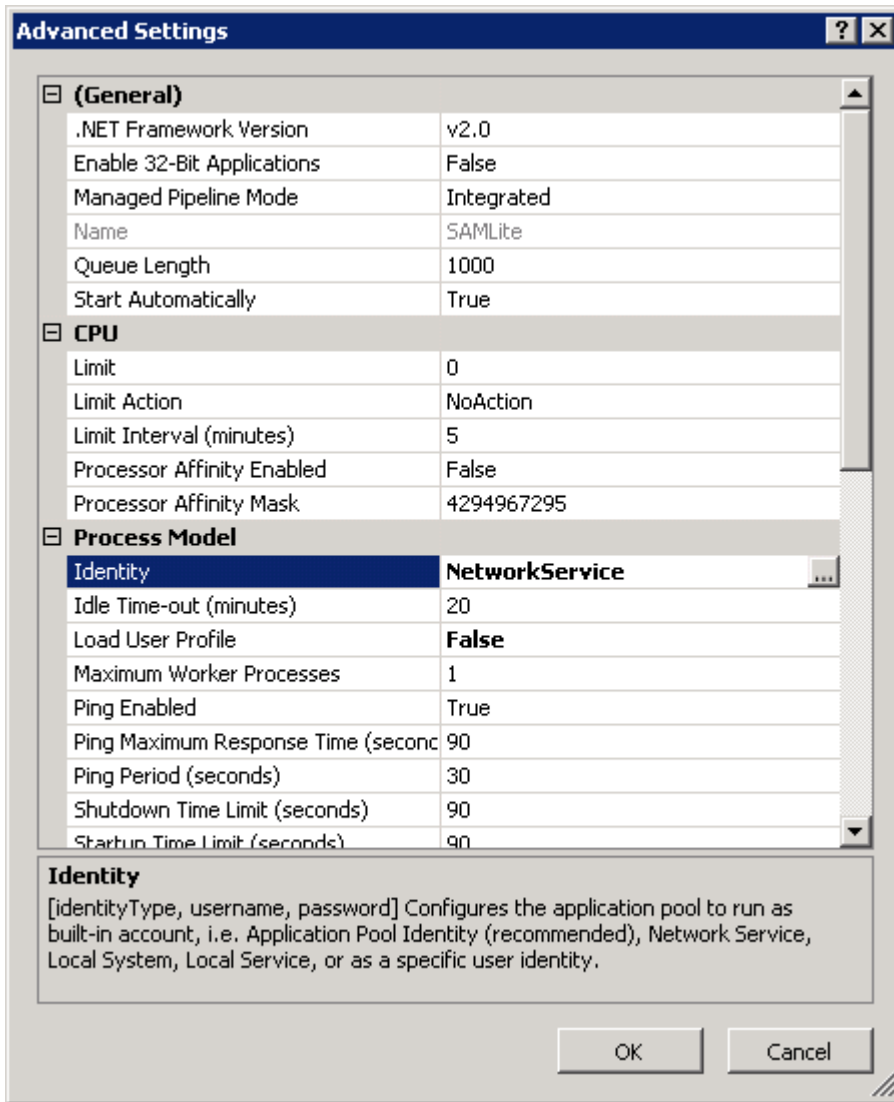
Configure the SAMLite application pool to run as *NETWORK SERVICE*



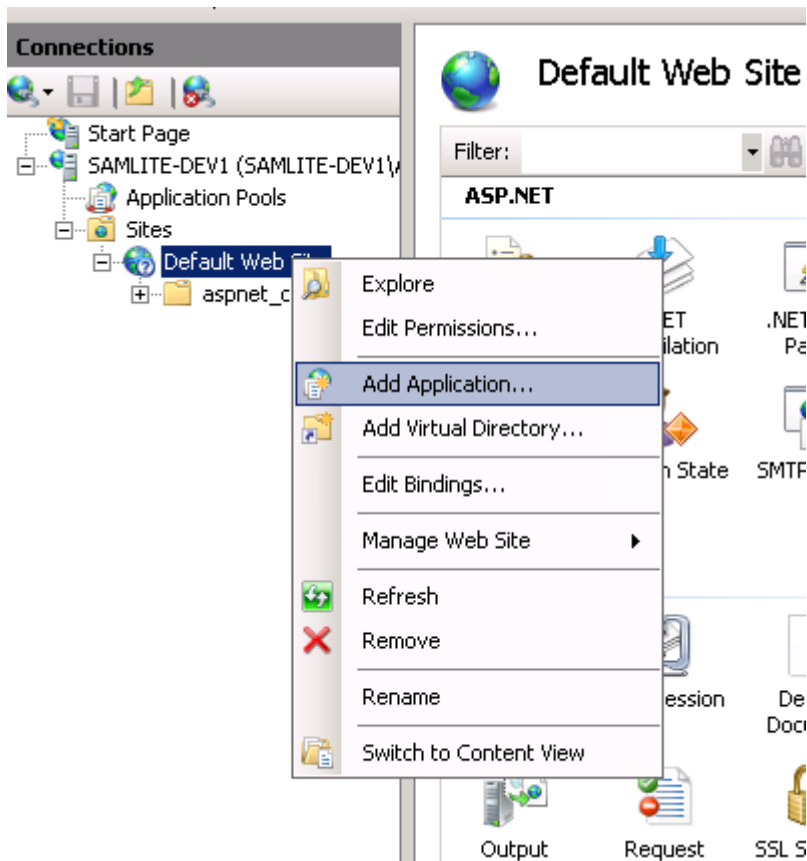
Click the "...” button in Identity



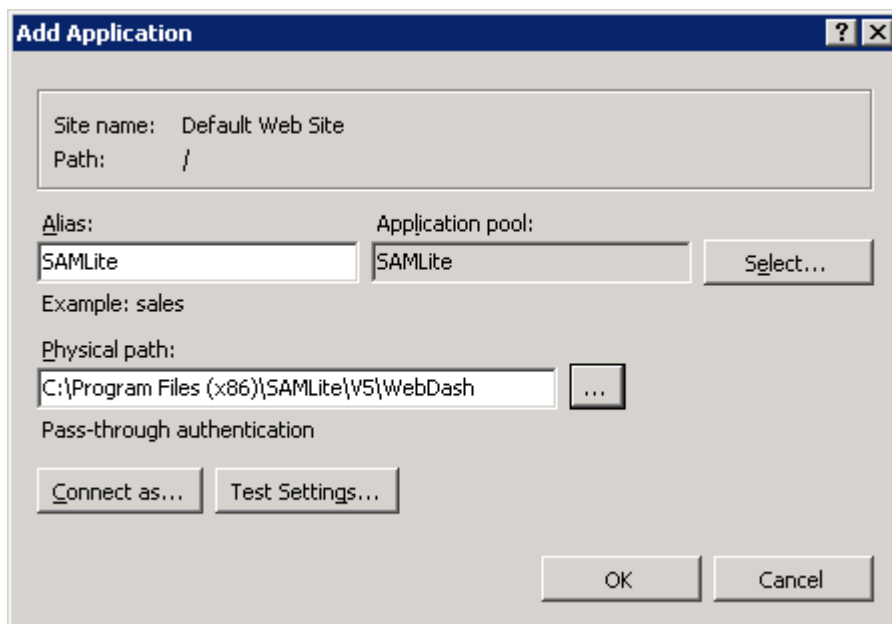
Select NetworkService and click OK



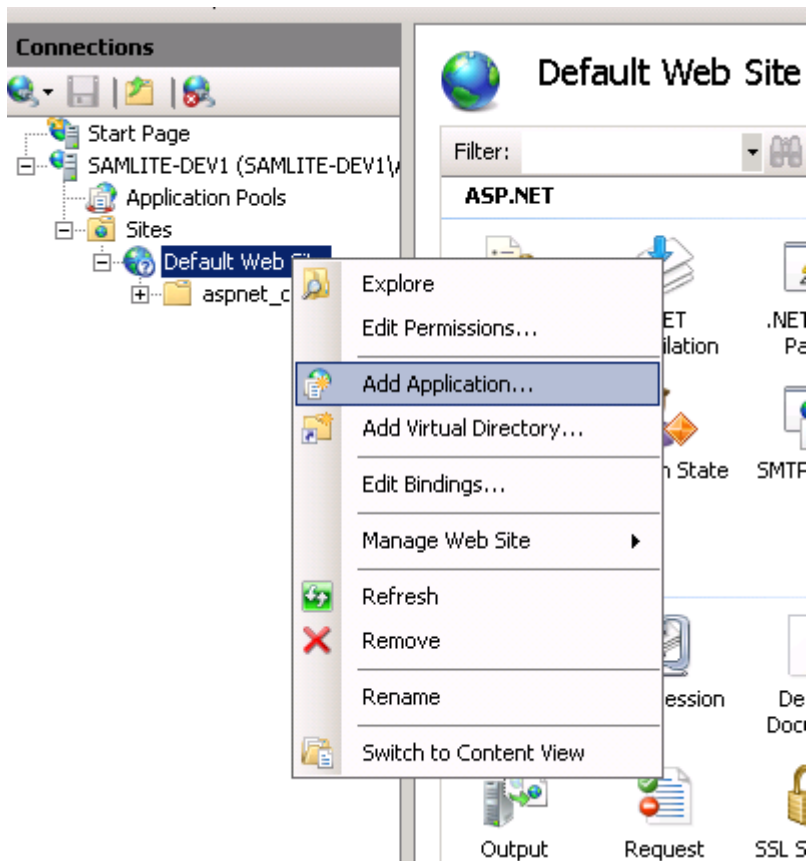
Click OK.



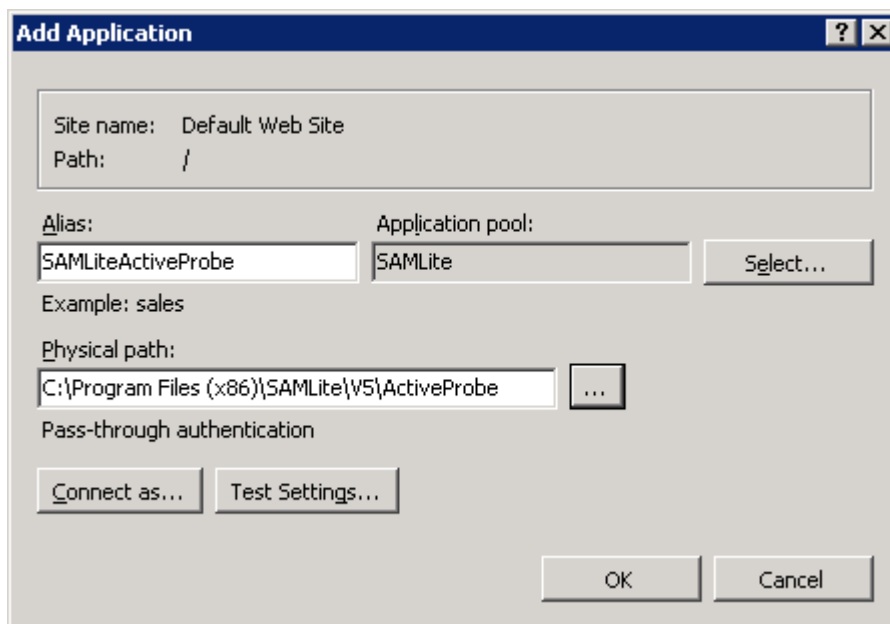
Select Add Application...



Add the SAMLite application, selecting the SAMLite application pool and the "WebDash" folder where the SAMLite application was installed to. Click OK



Similarly add the SAMLiteActiveProbe application.

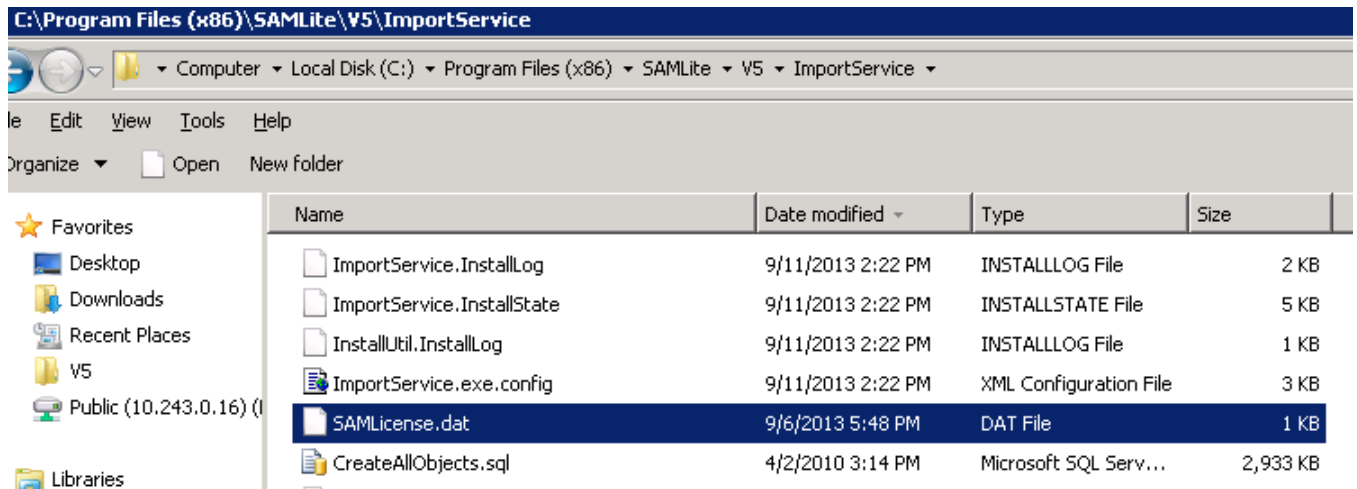


Click OK.

Final SAMLite Configuration

Reinstall the SAMLite Licenses.

Copy your latest/backed up SAMLICENSE.dat to the ImportService and WebDash folders:



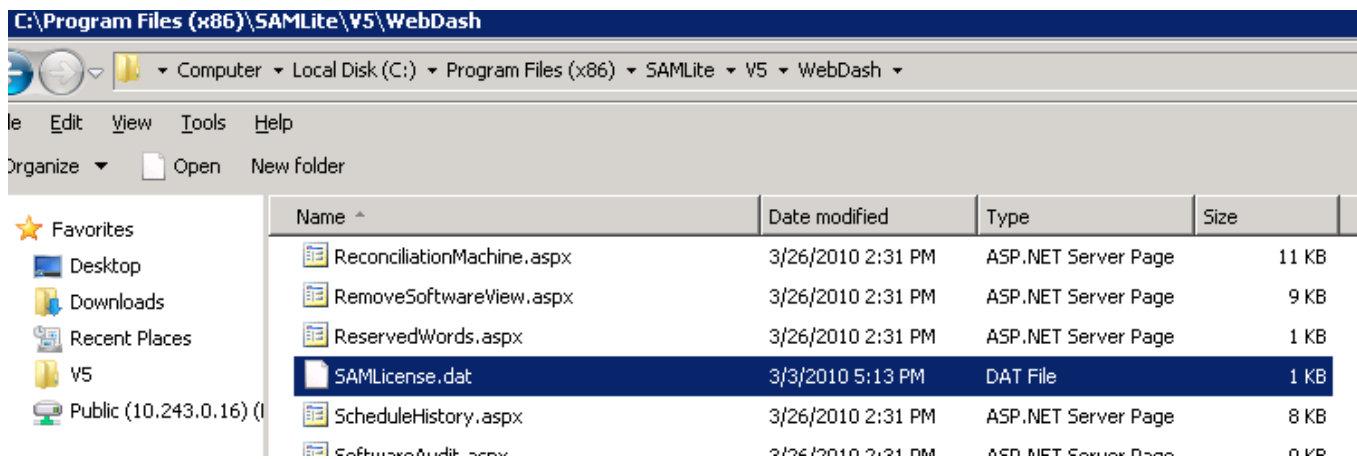
C:\Program Files (x86)\SAMLite\V5\ImportService

Computer > Local Disk (C:) > Program Files (x86) > SAMLite > V5 > ImportService

File Edit View Tools Help

Organize Open New folder

Name	Date modified	Type	Size
ImportService.InstallLog	9/11/2013 2:22 PM	INSTALLLOG File	2 KB
ImportService.InstallState	9/11/2013 2:22 PM	INSTALLSTATE File	5 KB
InstallUtil.InstallLog	9/11/2013 2:22 PM	INSTALLLOG File	1 KB
ImportService.exe.config	9/11/2013 2:22 PM	XML Configuration File	3 KB
SAMLICENSE.dat	9/6/2013 5:48 PM	DAT File	1 KB
CreateAllObjects.sql	4/2/2010 3:14 PM	Microsoft SQL Serv...	2,933 KB



C:\Program Files (x86)\SAMLite\V5\WebDash

Computer > Local Disk (C:) > Program Files (x86) > SAMLite > V5 > WebDash

File Edit View Tools Help

Organize Open New folder

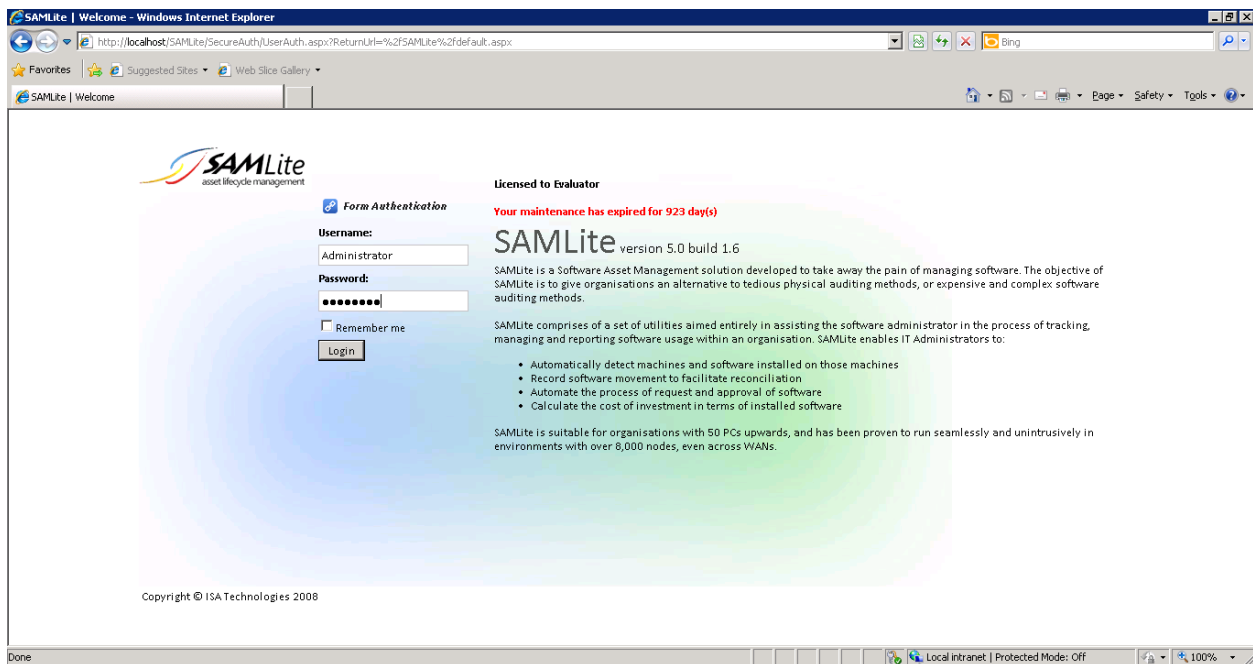
Name	Date modified	Type	Size
ReconciliationMachine.aspx	3/26/2010 2:31 PM	ASP.NET Server Page	11 KB
RemoveSoftwareView.aspx	3/26/2010 2:31 PM	ASP.NET Server Page	9 KB
ReservedWords.aspx	3/26/2010 2:31 PM	ASP.NET Server Page	1 KB
SAMLICENSE.dat	3/3/2010 5:13 PM	DAT File	1 KB
ScheduleHistory.aspx	3/26/2010 2:31 PM	ASP.NET Server Page	8 KB
SoftwareAudit.aspx	3/26/2010 2:31 PM	ASP.NET Server Page	0 KB

Configure SAMShare

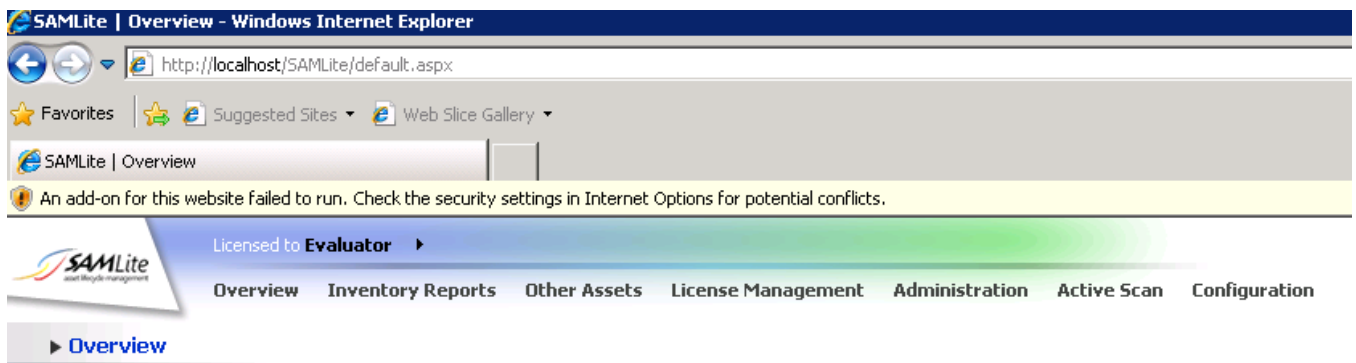
Configuring the SAMShare may be necessary if the hostname has changed or the system is a new host.

For SAMLite v5 build 1.6

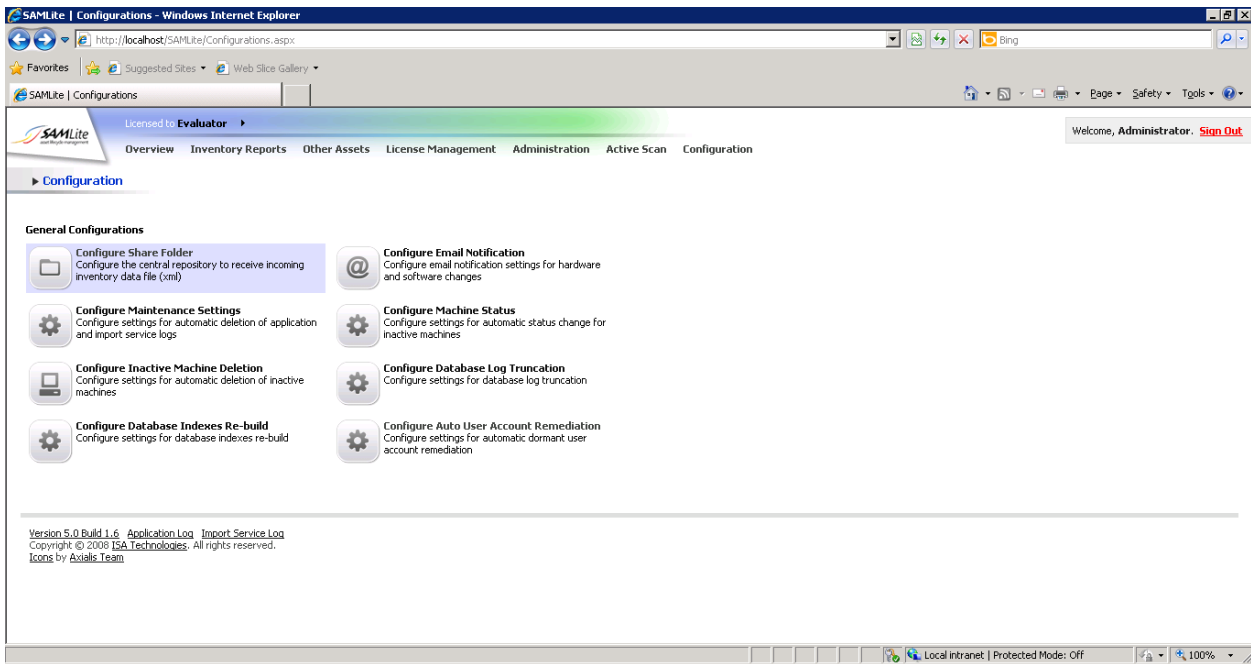
Login as a SAMLite administrator



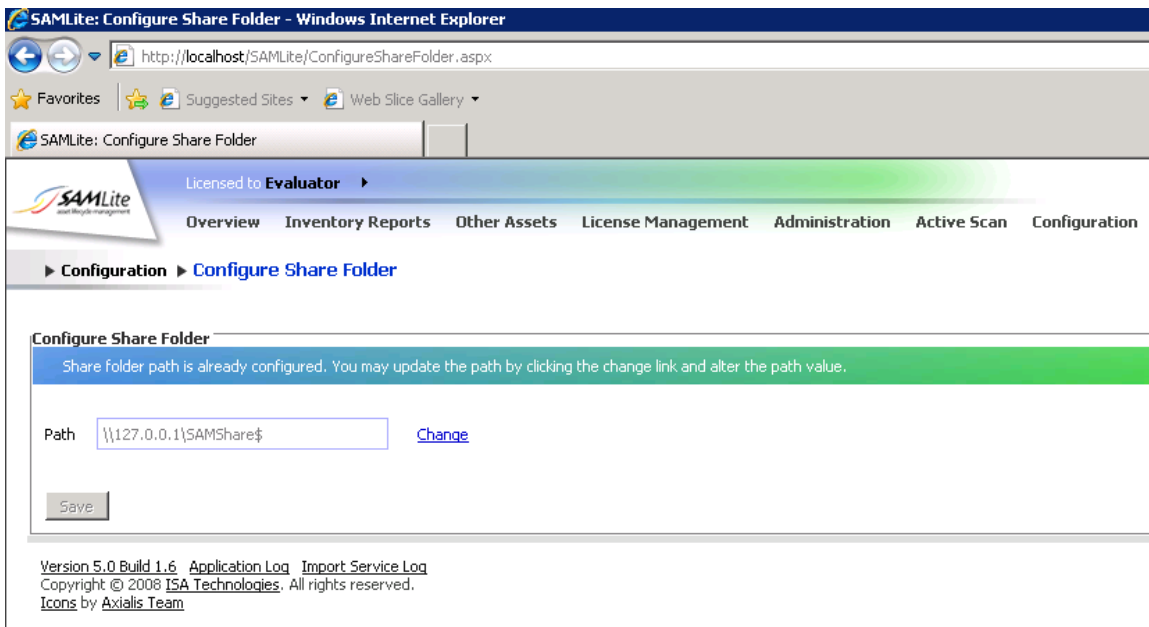
Click Login and wait (logging in for the first time may take a while).



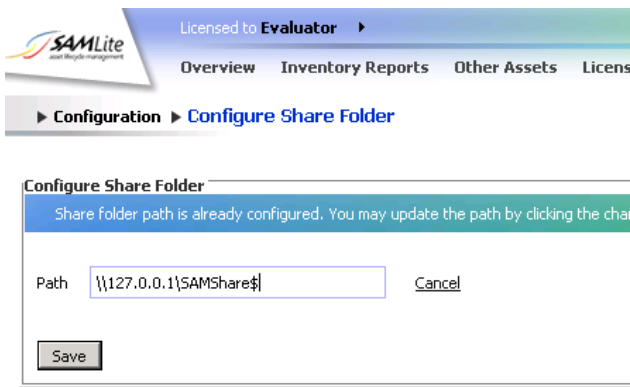
Select "Configuration"



Select Configure Share Folder



Click on Change to change the path if necessary



Click on Save

For SAMLite v5 build 1.7.2

Login as a SAMLite administrator



Form Authentication

Username:

administrator

Password:

••••••••

Remember me

Login

Licensed to CIMB

Your evaluation license will expire in 38 day(s)

SAMLite version 5.0 build 1.7.2

SAMLite is a Software Asset Management solution developed to take away the pain of managing software. The objective of SAMLite is to give organisations an alternative to tedious physical auditing methods, or expensive and complex software auditing methods.

SAMLite comprises of a set of utilities aimed entirely in assisting the software administrator in the process of tracking, managing and reporting software usage within an organisation. SAMLite enables IT Administrators to:

- Automatically detect machines and software installed on those machines
- Record software movement to facilitate reconciliation
- Automate the process of request and approval of software
- Calculate the cost of investment in terms of installed software

SAMLite is suitable for organisations with 50 PCs upwards, and has been proven to run seamlessly and unintrusively in environments with over 8,000 nodes, even across WANs.

Login

Overview Inventory Reports License Management Other Assets Active Scan Administration

> Overview

Overview page

Inventory Summary

Total no of audited machine(s) **17500**

Total no of audited software **15751**

No. of machine(s) updated in the past 7 days **0**

Most recent update time **3/09/2013 7:05:22 PM**

New today

• No changes

Since yesterday

• No changes

Older than yesterday for past 60 days

Administrator. Sign Out
Licensed to CIMB

Select Administration in the overview page

SAMLite | Management x

10.243.23.12/WebDash/Management.aspx

Overview Inventory Reports License Management Other Assets Active Scan Administration

> Administration

Administrator. Sign Out
Licensed to CIMB

Company

- Create a company
- Edit or delete a company
- Set a default company

Department

- Create a department
- Edit or delete a department
- Assign machine to department
- Assign machine to department by AD user
- Change parent company
- Change parent department

Location

- Create a location
- Edit a location
- Assign machine to location
- Map IP address to location
- See all locations
- See machine by location

Users & Roles

- Create a user
- Edit or delete a user
- Add or remove a user's role
- Allow user access to department
- Allow user access to location

Software View

- Create a view
- Add software to view
- Change or remove a software from view
- Edit a view
- See all views
- See software by view

Dormant User

- Manage dormant users
- Success log
- Error log
- Upload exemption list
- Settings

Custom Field

- Manage custom fields
- Bulk assign machine custom field
- Bulk assign software custom field

System Settings

- Configure share folder
- Configure email notification
- Configure maintenance settings
- Configure machine status
- Configure inactive machine deletion
- Configure database log truncation
- Configure database indexes re-build

Select System Settings/Configure share folder in the Administration page.

Configure Share Folder

Share folder path is already configured. You may update the path by clicking the change link and alter the path value.

Path [Change](#)

Click on Change to change the path if necessary

Configure Share Folder

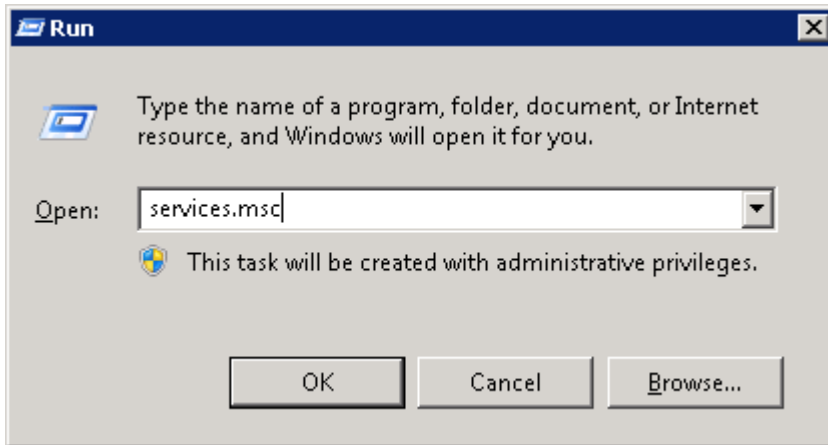
Share folder path is already configured. You may update the path by clicking the change link and alter the path value.

Path [Cancel](#)

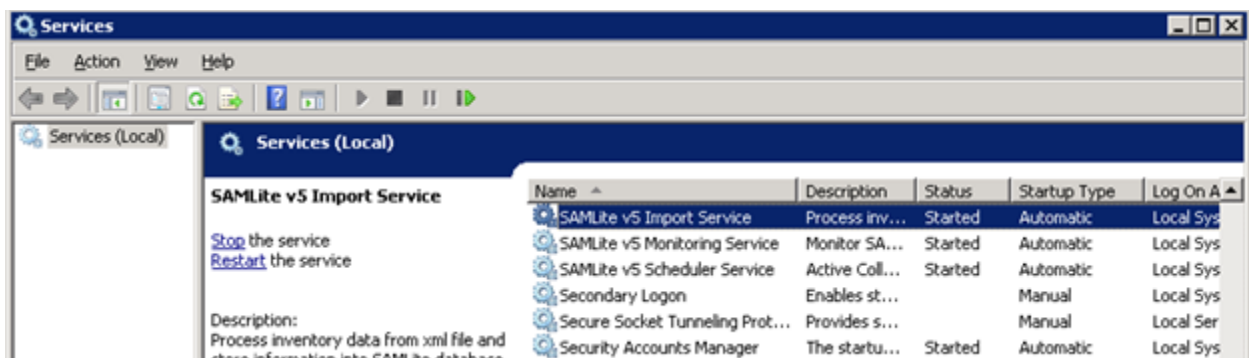
Click Save

Restart SAMLite services

Run services.msc (winkey+R, services.msc)



Click OK



Stop all the SAMLite v5 services (order=Monitoring, Scheduler and Import) and wait 1 minute.

Start all the SAMLite v5 services (order=Import, Scheduler, Monitoring).

Done

Restoration of the SAMLite system is complete.