SQL LiteSpeed 3.0 Installation Guide



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Introduction

This guide outlines the SQL LiteSpeed 3.0 installation procedures and addresses the following items to complete the SQL LiteSpeed 3.0 installation in a simple and accurate manner:

- Product Background
- Preliminary Installation Steps
- SQL LiteSpeed 2.X to SQL LiteSpeed 3.0 Upgrade Recommendations
- SQL LiteSpeed Installation Process
- Post Installation Steps
- Additional Information

Product Background

SQL LiteSpeed is advanced backup and recovery software solution for Microsoft SQL Server 7.0, 2000 and Yukon. SQL LiteSpeed provides integrated high performance compression technology resulting in a reduction of up to 95% of backup storage costs. Moreover the dramatic reduction in disk I/O results in a backup time reduction of up to 70%. In addition, SQL LiteSpeed provides integrated RC2 secret key encryption to secure sensitive backups on disk and tape.

SQL LiteSpeed provides Database Administrators (DBAs) with unparalleled performance, flexibility and tunablilty with its GUI, Transact-SQL and command line interfaces as well as ease of integration into existing environments. SQL LiteSpeed provides Database Managers and IT Executives with significant reduction in storage costs and strengthened security. SQL LiteSpeed supports the following SQL Server configurations:

- Standalone SQL Server Installations
- Clustered Installations
 - o Active/Active or Active/Passive
 - o 2 Node or 4 Node
- Default and Named SQL Server Instances

Preliminary Installation Steps

Before beginning the SQL LiteSpeed 3.0 installation, it is necessary to address the following items:

- Obtain a web based account to <u>www.dbassociatesit.com</u> from your DBAssociatesIT representative to access your SQL LiteSpeed license information and to download the latest version of SQL LiteSpeed based on the Windows version i.e. Windows 2003, Windows 2000 or Windows NT 4.0 and obtain your license key information ('Company Name', 'Registration Name' and 'Serial Number').
 - *** NOTE: This is not necessary for the Evaluation Version of SQL LiteSpeed. ***

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⇔Back ▼ ⇒ ▼ 🕲 [회 🖾 QQ,Search [Favorites	🕲 Media 🏼 🎯		
Address 🕘 http://www	.dbassociatesit.com/	support.asp			▼ 🖉 Go Links »
DB associ	ates 👔				
Home Produ	ts Downloads	Partners	Support	Company Information	
Support Home Page	-		Supr	ort Cal	
Add Support Request	Support		2		
View Submitted Support Requests					
Download Products	ad Products				
Download Utilities	Please enter your	site requires a username and	password and s	elect the submit button.	
View Registrations					
Search Knowledge Base	Username:				
View Support Agreement	Password:				
Forgotten Password			Forgotten yo	ur password? Please dick here	
Change Password					
			Submit	Reset	
<u> </u>					-
ittp://www.dbassoc	iatesit.com/support.	asp		🔰 🔤 Ir	iternet //

- Retain the SQL LiteSpeed copy on a file share or CD with the product key and company name for the installation process both electronically and as a physical copy
- Complete the necessary internal Change Management procedures
- Ensure all instances of SQL Server are started and operating properly
- Review the SQL Server Error Log and the Windows Event Log to verify the server has not experienced any recent problems from the Windows or SQL Server perspective
- Verify the account performing the installation has Windows Local Administrator rights and SQL Server System Administrator 'sa' rights

SQL LiteSpeed 3.0 – Service Pack Requirements						
OS Version	Service Pack	SQL Server Version	Service Pack			
Windows NT 4.0 ¹	Service Pack 6a	SQL Server 7.0	Service Pack 3 or above			
Windows NT 4.0 ¹	Service Pack 6a	SQL Server 2000	Latest (SP 1 or above)			
Windows 2000	Latest (SP 1 or above)	SQL Server 7.0	Service Pack 3 or above			
Windows 2000	Latest (SP 1 or above)	SQL Server 2000	Latest (SP 1 or above)			
Windows 2003	Latest (SP 1 or above)	SQL Server 2000	Latest (SP 1 or above)			

• The Windows and SQL Server should be compliant with the following Service Packs:

- Although it is not necessary to reboot Windows or restart the SQL Server services (MSSQLServer and SQLServerAgent) after the SQL LiteSpeed installation on a standalone or clustered SQL Server, it is recommend to complete the installation during a low usage period
- Ensure recoverable backups are available for the master database for each server and instance else issue a native SQL Server database backup for the master database
 - As a best practice, before modifying your SQL Server, issue a backup of all databases and configurations prior to any environmental change

¹ The SQL LiteSpeed Management Console is not available for Windows NT 4.0 systems due to requirements for MMC 1.2 or greater

- If any virus protection packages are operational on the SQL Server, temporarily disable the application during the installation procedures
- Reference the documents listed in the 'Additional Information' section at the end of this guide
- For clustered installations ensure all physical nodes are available at install time, to ensure components are correctly installed and configured for failover

SQL LiteSpeed 2.X to SQL LiteSpeed 3.0 Upgrade Recommendations

- *** Note *** If upgrading from SQL LiteSpeed 2.X to 3.0 and if it is your intention to delete the SQL LiteSpeed primary DLL (xpSQLLiteSpeed.*.*.*.DLL) it will be necessary to restart the SQL Server services (MSSQLServer and SQLServerAgent). Restarting SQL Server is necessary to delete the SQL LiteSpeed primary directory although it is not necessary to do so for SQL LiteSpeed 3.0 to function properly. In SQL Server after executing any extended stored procedure (xp_*) calling a *.DLL, the file is locked and cannot be deleted until the SQL Server services are restarted. With SQL LiteSpeed the *.DLL is not registered and not shared between any other *.DLL's or applications, so this should not be an issue. In addition, it is not necessary to reboot Windows (NT, 2000, 2003, etc.) during the SQL LiteSpeed upgrade process.
- If SQL LiteSpeed 2.X is currently installed on SQL Server and an upgrade is being performed to SQL LiteSpeed 3.0, the SQL LiteSpeed 3.0 application will first complete the SQL LiteSpeed 2.6 uninstall process.
- Double click on the SQL LiteSpeed executable (SLS30Full.exe) in Windows Explorer.

QC:\Temp\SQLLiteSpeed30					<u>_ 🗆 ×</u>
File Edit View Favorites Tools	File Edit View Favorites Tools Help				
🗢 Back 🔻 🔿 👻 🔂 😡 Search 🗌	🔁 Folde	ers 🧭 🛯 📽 🐄 🗙 🕫 🗏 🗉			
Address 🔄 C:\Temp\SQLLiteSpeed30 🔽 🖉 Go				▼ 🗟 Go	
Folders	×	Name 🔺	Size	Туре	Modified
📄 🗄 Temp		∰SLS30Full32.exe	5,132 KB	Application	9/9/2003 7:00 PM
SQLLiteSpeed30	-				
1 object(s) (Disk free space: 1.37 GB)		5.01 MB	📃 My י	Computer

 The SQL LiteSpeed 3.0 installer will provide the general instructions to navigate to the Control Panel to uninstall SQL LiteSpeed 2.X.



• Open the Control Panel by clicking on Start | Settings | Control Panel | Add/Remove Programs.



Scroll down to the SQL LiteSpeed 2.X application and click on the 'Remove' button.

🛅 Add/Ren	nove Programs		<u> </u>
15	Currently installed programs:	Sort by: Nam	e 💌
Change or Remove Programs	🗐 Outlook Express Update Q330994 🖹 Palm Desktop	Size	7.79MB
	🛃 PocketMirror 2.0 for Outlook	Size	1.38MB
Add New Programs	SQL LiteSpeed Evaluation Click here for <u>support information</u> .	Size Used g	750KB occasionally
Add/Remove	To change this program or remove it from your computer, click Change or Remove.	Change	Remove
Windows Components	🛃 SQLXML 3.0	Size	3.26MB
÷.	 Synaptics TouchPad User's Guides 	Size Size	2.02MB 912KB
Set Program Access and	SVisio 2000 BUWebEX Windows 2000 Hotfin - KB823559	Size	870KB
Defaults	Windows 2000 Hotfix - KB823980		•

 After clicking on the 'Remove' button a confirmation screen will appear and click on the 'Yes' button to proceed with the uninstall process.

🔚 Add/Ren	nove Programs		
17	Currently installed programs:	Sort by: Name	-
Change or	🗐 Outlook Express Update Q330994		
Programs	🖃 Palm Desktop	Size	7.79MB
	🛃 PocketMirror 2.0 for Outlook	Size	1.38MB
<u></u>	🛃 Shockwave		
<u></u>	🛃 SQL LiteSpeed Evaluation	Size	750KB
Add New Programs	Click here for support information.	Used <u>occa</u>	asionally
Add/Remov	e Programs		×
? Ar	e you sure you want to remove SQL LiteSpeed E	valuation from you	ur computer?
	Yes No		
~ 9	Nisio 2000	Size	870KB
Set Program	👘 WebEx		
Defaults	🛃 Windows 2000 Hotfix - KB823559		
	🖟 Windows 2000 Hotfix - KB823980		_

 Then the Microsoft Installer will evaluate the application via a few screens and proceed via a progress bar. Once complete, the process returns to the Add/Remove Programs application. This application should be closed by clicking on 'X' on the top right of the application

Add/Ren	nove Programs		<u>_ 🗆 X</u>
18	Currently installed programs:	Sort by: Name	•
Change or Remove	Outlook Express Update Q330994	Cizo	7 70MB
Programs	📄 Pann Deskup 🛃 PocketMirror 2.0 for Outlook	Size	1.38MB
<u></u>	🛃 Shockwave		
_A SQL Lite:	Speed Evaluation		ркв
P 💦	Please wait while Windows configures SQL Lite	eSpeed E∨aluation)3)
Co		Cancel	
- 17	yisio 2000	Size	870KB
Set Program	WebEx		
Defaults	Windows 2000 Hotfix - KB823559		
	NEW WINDOWS 2000 Hotflx - KB823980		<u> </u>

 If it is necessary to delete the SQL LiteSpeed 2.X directory, stop the SQL Server services (MSSQLServer and SQLServerAgent) in Enterprise Manager by right clicking on the server name and selecting 'Stop' and 'Yes' on the subsequent screen.

SQL Server Enter	rprise Manager - [Console Root\Microsoft SQL Servers]	
Console <u>W</u> indo	ow <u>H</u> elp	_ - ×
Action View Tool	ls + → 🖻 🔟 🕼 🕼 😰 🔆 🎶 🕅 😨 🖏	
Tree	Microsoft SQL Servers 1 Item	
Console Root	srvers proup SQL SqL Server Mew SQL Server Registration properties Delete SQL Server Registration Disconnect Stop Pause Start: New All Tasks New Window from Here Refresh Properties Help	

 Open Windows Explorer to delete the SQL LiteSpeed 2.X directory typically located in C:\Program Files\DBAssociates\SQLLiteSpeed\ and clicking 'Yes' on the subsequent confirmation screen.

🔍 C: \Program Files \DBAssociates				
File Edit View Favorites Tools Help				(B)
🗢 Back 🔻 🔿 👻 🖻 🔍 Search 🚰 Fold	ers 🧭 📽 🧏 🗙 🗠 🛙			
Address 🗀 C:\Program Files\DBAssociates				▼ ∂ GO
Folders ×	Name 🔺	Size	Туре	Modified
🖻 🗀 Program Files 🔺	SQLLiteSpeed		File Folder	9/28/2003 7:07 PM
- Carl Accessories				
🗈 🗀 Adobe	[]			
🗄 🛄 Apache Group				
🖻 🗀 AvantGo Connect				
🕀 🗀 Common Files				
ComPlus Applications				
🖻 🔄 DBAssociates				
🖻 🗀 SQLLiteSpeed				
- 🗀 Engine				
🚽 🗀 logs 🗨				
1 object(s) (Disk free space: 1.24 GB)			0 bytes 🛛 🚂	My Computer

To start the SQL Server Services (MSSQLServer and SQLServerAgent) in Enterprise Manager right click on the server name and selecting 'Start' and wait for SQL Server to begin to accept connections. It is also recommended to review the SQL Server ErrorLog for any issues.

🚡 SQL Server Enterp	rise Manager - [Console Root\Microsoft SQL Servers\SQL Server Group]
Console <u>W</u> indow	Help
Action View Tools	
Tree	SQL Server Group 2 Items
Donsole Root	Vers Vers Vers Vers Vers Vers Vers Vers
	Help

 Then the SQL LiteSpeed 3.0 installation application will begin the installation process and the directions in the next section should be followed.

SQL LiteSpeed Installation Process

The SQL LiteSpeed installation process can be completed in less then 5 minutes by following the prescribed directions:

- 1. Stop all Windows based applications including virus protection packages, but do not stop Windows based services such as SQL Server. Ensure all instances of SQL Server which require the installation are running prior to proceeding.
- Copy the SQL LiteSpeed executable file (SLSFull32.exe or SLSEval32.exe) to the local server on a volume with a minimum of 5 MB of free space. In Windows Explorer double click on the SQL LiteSpeed executable file.

QC:\Temp\SQLLiteSpeed30					
File Edit View Favorites Tools Help					
⇔Back ▼ ⇒ ▼ 🖻 🔍 Search 🗌	⇔Back ▼ → ▼ 🔄 🕲 Search 🎦 Folders 🥨 😤 🧏 🕫 🗮 🐨				
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SQLLiteSpeed30	-				
1 object(s) (Disk free space: 1.37 GB)		5.01 MB	🖳 My -	Computer

*** Note *** - For SQL Server Clustered installations copy the executable file (SLSFull32.exe or SLSEval32.exe) to a non-shared drive available to the physical node on which you are installing. This drive should exist on all physical nodes of the cluster i.e. *C:\Program Files\....* Then run the

executable on one of the physical nodes of the cluster only, but do not run the SQL LiteSpeed installation on the virtual server. The SQL LiteSpeed installation program will enumerate all virtual servers and SQL Instances and automatically configure all nodes of the cluster for failover.

 Welcome to the SQL LiteSpeed Installation Wizard – After double clicking on the SQL LiteSpeed 3.0 executable file the 'Welcome' screen will appear, once the items are read click the 'Next' button to proceed.



4. License Agreement – Read the End-User License Agreement by clicking in the main text and pressing 'Page Down' or by clicking on the down arrow on the bottom right of the screen. Once you have reviewed the License Agreement, click on the 'I accept the license agreement' radio button and the 'Next' button will become highlighted. Once the 'Next' button is highlighted, click this button to proceed to the next step.

🚰 SQL LiteSpeed 3.0 Standard Edition (RC1) Setup	_ 🗆 🗙
License Agreement You must agree with the license agreement below to proceed.	ciates <u>it</u>
END-USER LICENSE AGREEMENT FOR SQL LiteSpeed	
 what is this document ? 1.1. This document ("these terms") sets out the terms on which DB Associates Pty Ltd ACN 092 302 531 ("we" / "us") license you ("you") to use our SQL LiteSpeed software 	
 Particular laws may give you certain rights in addition to your rights under these terms. To the extent to which we can lawfully limit or exclude those rights, they are limited and excluded. Otherwise, these terms are subject 	
1.3. Subject to clause 1.2, the rights set out expressly in these terms are your only rights in relation to LiteSpeed.	•
 I <u>accept the license agreement</u> I <u>d</u>o not accept the license agreement 	
< Back Next >	Cancel

5. **Destination Folder** – The default directory for SQL LiteSpeed is *C:\Program Files\dbassociates\sqllitespeed*. The recommendation is to install SQL LiteSpeed on the same volume where the SQL Server Program Files are installed.

🕌 SQL LiteSpeed 3.0 Standard Edition (RC1) Setup	
Destination Folder Select a folder where the application will be installed.	DBassociates <u>(t</u>)
Installation Wizard will install the files for all SQL LiteSpeed featur folder. To install into a different folder, click the Browse button, and seler install features into different folders you must select each from the	res into the following ct another folder. To e custom install (Next).
Destination Folder C:\Program Files\dbassociates\sqllitespeed\	Browse
< Back	Next > Cancel

*** Note *** - To determine where the SQL Server Program Files are installed, navigate to SQL Server Enterprise Manager and right click on the server name, select 'Properties' and the SQL Server Properties screen will appear. On the 'General' tab review the drive for the root directory i.e. *C:\Program Files\Microsoft SQL Server*.

Server Properties (Conf	Igure) - JKADLEC		×	
Server Settings	Database Settings	Replication		
Name:	JKADLEC	[Connections		
Product	SQL Server Developer E	dition		
Operating system:	Microsoft Windows NT -	5.0 (2195)		
Product version:	8.00.760 (SP3)			
Language:	English (United States)			
Platform:	NT INTEL X86			
OS memory:	255(MB)			
Processors:	1			Poot
Root directory:	C:\Program Files\Micros	oft SQL	● ◆ ──	
Server collation:	SQL_Latin1_General_CF	1_CI_AS		Director
-Autostart policies when the	operating system starts			
🔄 🗌 🗖 Autostart SC	L Server			
👘 🔲 🗆 Autostart SC	IL Server Agent			
🗖 Autostart MS	SDTC			
Error reporting				
Enable the error reporting	ng feature			
	Startup Parameters		1	
	Network Configuration			
	OK Cancel	Help		

*** Note *** - For SQL Server Clustered installations select a non-shared drive available to the physical node on which you are installing. This drive should exists on all physical nodes of the cluster i.e. *C*:*Program Files*\....

6. **Installation Type** – Select the appropriate installation type i.e. 'Typical', 'Complete' or 'Custom'. To install all of the SQL LiteSpeed 3.0 features select the 'Complete' option and then press the 'Next' button to proceed.

🕌 SQL LiteSpeed 3.	0 Standard Edition (RC1) Setup		_ 🗆 🗙
Select Installation Ty Select the desired ins	/pe tallation type.		DB associa	ates <u>it</u>)
C Iypical	The most common applicat is recommended for most u	ion features will be ins sers.	talled. This option	
Complete	All application features will recommended for the best	be installed. This optic performance.	un is	
C Custom	Use this option to choose which application features you want installed and where they will be installed. Recommended for advanced users.			
		< <u>B</u> ack	lext > C	ancel

 License Key – Enter the 'Company Name', 'Registration Name' and 'Serial Number' obtained from your web based account at <u>www.dbassociatesit.com</u>. If you have an issue with your license key, open a case with DBAssociatesIT support on your web based account.

🕌 SQL LiteSpeed 3.0 Sta	andard Edition (RC1) Setup	
User Information Enter the following informati	ion to personalize your installation.	DBassociates <u>it</u>)
<u>C</u> ompany Name:	YOUR COMPANY NAME HERE	
<u>R</u> egistration Name:	YOUR REGISTRATION NAME HERE	
<u>S</u> erial Number:	1111 - 2222 - 3333 - 4444	- 5555
	< <u>B</u> ack	Next> Cancel

8. Enumerating SQL Server Instances - SQL LiteSpeed will identify all of the instances that are currently running on the particular SQL Server and provide the Server Name\Instance Name for your selection.

🎼 SQL LiteSpeed 3.0 Standard Edition (RC1) Setup	
Enumerating SQL Server Instances The installation will now attempt to locate all SQL Server instances	DB associat <u>es (t</u>)
SQL LiteSpeed setup will now enumerate all SQL Server Instances r Please ensure that all instances of SQL Server are running prior to cl	unning on your system. icking the next button.
This may take a few minutes.	
< <u>B</u> ack	Next> Cancel

*** Note *** - If a SQL Server instance is not started, the SQL LiteSpeed installation program will detect that a SQL Server instance is installed, but not started and provide options to address during the installation. The 'Start SQL Server Service' screen will appear providing an opportunity to 'Skip' the instance and not install SQL LiteSpeed or 'Start' the instance to proceed with the installation. Since SQL LiteSpeed is licensed per CPU, it is recommended to install the software on all instances.

🔂 SQL LiteSpee	d 3.0 Standard Edition (RC1) Setup	_ 🗆 X
Enumerating SC The installation w	IL Server Instances ill now attempt to locate all SQL Server instances	DBassociates <u>it</u>)
Start S	QL Server Service	×
SQLL Pleas	The instance "JKADLEC\SS2K" on this server (JKADLE running. To install SQL LiteSpeed on this server instance, ther this instance. You can start this instance by clicking the Start buttor page. You can click the back button to deselect this in to the previous screen.	C) is in not m. n you need to start n at bottom of this istance and return
	Skip Start < <u>B</u> ack	Cancel

 SQL Server Instances – Once SQL LiteSpeed has enumerated all of the SQL Server instances, review the list and select the instances where SQL LiteSpeed should be installed. This can be accomplished by clicking the appropriate check boxes to select the needed SQL Servers where SQL LiteSpeed will be installed.

👔 🛃 SQL LiteSpeed 3.0 Standard Edition (RC1) Set	up	××
Instance Selection Select the SQL Server Instances that you require SQL LiteSpeed to be installed upon.	DBassociates <u>it</u>	0
I MADLEC\SS2K I MADLEC		
< Bac	:k Next >	Cancel

10. **Confirmation Screen** – The final step prior to installation will list the following items: Installation Type, Installation Directory, SQL Server Instances, Query Analyzer Templates, MTF Extractor and Management Console. If one of these selections is incorrect, click the 'Back' button to the appropriate screen for the correction; else click the 'Next' button to proceed with the installation.

🚜 SQL LiteSpeed 3.0 Standard Edition (RC1) Setup			
	InstallationType: Standard Edition (RC1) Installation Directory: C:\Program Files\dbassociates\sqllitespeed\ SQL LiteSpeed Engine: Selected for installation. The following SQL Server Instances have been selected: JKADLEC\SS2K JKADLEC Query Analyzer Templates: Currently not installed and will be installed MTF Extractor: Currently not installed and will be installed Management Console: Currently not installed and will be installed		
TH	DB associates <u>it</u>		
	< <u>B</u> ack Next> Cancel		

11. Installation – SQL LiteSpeed will install all of the components as prescribed in the previous screen.



12. **Completion** – The SQL LiteSpeed installation is complete! Click the 'Finish' button to return to your desktop. No reboot is needed to complete the installation. Proceed to the Post Installation Steps and Additional Information sections in this document for valuable information.



Post Installation Steps

Below outlines recommendations following the SQL LiteSpeed 3.0 installation

- Verify the SQL LiteSpeed installation by navigating to the file system directory i.e. C:\Program Files\dbassociates\sqllitespeed\ and in SQL Server by verifying that the SQL LiteSpeed extended stored procedures (xp's) exist in the master database such as: xp backup database, xp_backup_log, xp_restore_database, xp_restore_log, xp_restore_filelistonly, xp_restore_headeronly, xp_restore_verifyonly, xp_restore_checkpassword, xp_memory_size and xp_sqllitespeed_version
- Execute exec xp_sqllitespeed_version in Query Analyzer for the SQL LiteSpeed version 0 The result set should be -

Product Name	SQL LiteSpeed
Product Version	3.0.xxx.0
Registered Name	YOUR COMPA
Serial Number	1111222233334
SQL Server version	Developer Edition
Number of CPU's	Unlimited
Encryption Support	Yes

PANY NAME 3344445555 dition

- Note that the SQL LiteSpeed Log Files by default are stored at C:\Program Files\DBAssociates\SQLLiteSpeed\logs
- Execute preliminary backup and restore operations to validate the expected functionality

Resources

- SQL LiteSpeed 3.0 Online Help DBAssociatesIT Access 09.01.2003
- 2. Backup and Restore Back to Basics with SQL LiteSpeed Greg Robidoux Edgewood Solutions - www.edgewoodsolutions.com/resources/BackupAndRestoreLiteSpeed.asp - Access 09.01.2003
- 3. Integrating SQL LiteSpeed in your existing Backup Infrastructure Jeremy Kadlec Edgewood Solutions - www.edgewoodsolutions.com/resources/IntegratingSQLLiteSpeed.asp - Access 09.01.2003
- 4. Spotlight SQL LiteSpeed Return on Investment Greg Robidoux Edgewood Solutions www.edgewoodsolutions.com/resources/LiteSpeedROI.asp - Access 09.01.2003
- 5. www.DBAssociatesIT.com DBAssociatesIT Access 09.01.2003

Additional Information

For additional information about SQL LiteSpeed contact Craig Allen of Edgewood Solutions at 1.888.788.2444 or email Craig at <u>craiga@edgewoodsolutions.com</u>. Visit the following URLs for additional information:

- Download a SQL LiteSpeed Trial <u>www.edgewoodsolutions.com/partners/dbassociates.asp</u>
- Backup and Restore Back to Basics with SQL LiteSpeed www.edgewoodsolutions.com/resources/BackupAndRestoreLiteSpeed.asp
- Integrating SQL LiteSpeed in your existing Backup Infrastructure www.edgewoodsolutions.com/resources/IntegratingSQLLiteSpeed.asp
- Spotlight SQL LiteSpeed Return on Investment www.edgewoodsolutions.com/resources/LiteSpeedROI.asp
- The SQL Server Storage Stomper = SQL LiteSpeed www.edgewoodsolutions.com/resources/LiteSpeedStorageStomper.asp
- SQL LiteSpeed 3.0 Best Practices <u>www.edgewoodsolutions.com/resources/articles.asp</u>
- DBAssociatesIT the maker of SQL LiteSpeed <u>www.dbassociatesit.com</u>
- Stay tuned for SQL LiteSpeed 3.0 Best Practices, Alert! Alert! Alert! Backup and Restore -Baby!!! and The SQL LiteSpeed 3.0 Step-By-Step Guide at <u>www.edgewoodsolutions.com</u> in the October 2003 time frame

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