

NAPCO SECURITY TECHNOLOGIES, INC. 333 Bayview Avenue, Amityville, New York, U.S.A. 11701 800-645-9445 (631) 842-9400 FAX (631) 842-9137 Note: Technical Service is for alarm professionals only

Alarm Lock SQA Engineering

Technical Advisory

Date: Monday, November 24, 2014

Subject: How to install Microsoft[®] SQL Server[®] 2008 Express manually

Models: DL-Windows V5 and greater, Microsoft[®] SQL Server[®] 2008 Express

OVERVIEW

DL-Windows V5 and greater <u>require</u> the installation of *Microsoft[®]* SQL Server[®] 2008 Express. However, in some cases, SQL may fail to install properly or not at all. The following Technical Advisory details how to install *Microsoft[®]* SQL Server[®] 2008 Express manually. For more information about DL-WINDOWS[™] version 5, see the User's Guide (OI382). WARNING: Failure to follow these steps precisely may require a full un-installation and re-installation of SQL. To manually install *Microsoft[®]* SQL Server[®] 2008 Express, proceed as follows:

INSTALLATION

Open the System screen in your computer Control Panel to view basic information about your computer (click Start > Control Panel > System). Make note your PC operating system "type", either 64-bit or 32-bit, as displayed in the System Type description field:



2. Navigate to the DL-Windows folder on the installation CD. Open the **SQLEXpress2008** folder and run the appropriate **.exe** file for your operating system, either the "**32_x86**" file (for 32-bit) or "**x64**" file (for 64-bit).

🗁 SqlExpress 2008	
Eile Edit View Favorites Tools Help	1
Search 💫 Search 🌮 Folders 🛄 - 💋	
Address 🛅 C:\Documents and Settings\blavani\Desktop\MY COMP. ICDS\ICD444-DLWINDOW55\DL-Windows v5.2.3\SqlExpress2008	💌 🄁 Go
File and Folder Tasks Image: Constraint of the state of the sta	
Other Places DL-Windows v5.2.3 My Documents My Computer My Network Places	
Details (*) SqlExpress2008 File Folder Date Modified: Monday, August 25, 2014, 7:06 AM	

3. In the SQL Server Installation Center screen that appears, click Installation (located on the left side of the screen). Click New SQL Server stand-alone installation or add features to an existing installation (located on the right side of the screen).



4. Setup Support Rules: As the installation proceeds, the text above the status bar will indicate if any Setup Support Rules did not install correctly. If the Status of the rule "Restart computer" indicates "Failed", restart your PC and re-run the installation (click the Re-run button shown in the image below) until the Status indicates "Passed" for all rules. Click OK to proceed.

Setup Support Rules identify before Setup can continue.	problems that r	night occur when you install SQL Server Setup support files. I	ailures must be corrected
Setup Support Rules	Oper	ration completed. Passed: 6. Failed 0. Warning 0. Skipped	0,
	Hid	e detail <u>s</u> << detailed report	Berun
		Rule	Status
	0	Minimum operating system version	Passed
	0	Setup administrator	Passed
	0	Restart computer	Passed
	0	Windows Management Instrumentation (WMI) service	Passed
	0	Consistency validation for SQL Server registry keys	Passed
	0	Long path names to files on SQL Server installation media	Passed

5. Setup Support Files: The next screen installs the Setup Support files. Click Install to proceed.

🚼 SQL Server 2008 Setup			
Setup Support Files Click Install to install Setup S	upport files. To install or update SQL Serv	er 2008, these files are required.	
Setup Support Files	The following components are	required for SQL Server Setup:	
	Feature Name	Status	
	Setup Support Files		
	Gathering user settings.		
		< <u>B</u> ack Install Can	icel

6. Installation Type: Select Perform a new installation of SQL Server 2008. Click Next.

🏗 SQL Server 2008 Setup						
Installation Type Perform a new installation or add feat	ures to an existing in	stance of SQL Server 2008.				
Setup Support Rules Installation Type Product Key License Terms Feature Selection Disk Space Requirements Error and Usage Reporting Installation Rules Ready to Install Installation Progress Complete	Perform a new Add features to SQLEXPRESS Installed instances Instance Name	nstallation of SQL Server 2008 an existing instance of SQL Serv Features	rer 2008	Version	Edition	Note: As you read this document, if you encounter a screen that is not described, simply proceed to the next screen by clicking the NEXT button.
			< <u>B</u> ack <u>N</u> ext >	Cancel	Help	

7. License Terms: To proceed with the installation, you must accept the *Microsoft License Terms*. Read the agreement carefully and if you agree to the terms, check the I accept the license terms checkbox, and click Next.

😵 SQL Server 2008 Setup	
License Terms To install SQL Server 2008, you m	ust accept the Microsoft Software License Terms.
Setup Support Rules Installation Type Product Key License Terms Feature Selection Disk Space Requirements Error and Usage Reporting Installation Rules Ready to Install Installation Progress Complete	<section-header><section-header><section-header><section-header><text><text><list-item><list-item><list-item></list-item></list-item></list-item></text></text></section-header></section-header></section-header></section-header>
	< <u>B</u> ack <u>N</u> ext > Cancel Help

8. Feature Selection: All features must be installed. Click Select All and click Next.

📽 SQL Server 2008 Setup		
Feature Selection Select the Express features to inst clustered.	all. For clustered installations, only Database Engine Service:	s and Analysis Services can be
Setup Support Rules Installation Type	Features: Instance Features	Description: Server features are instance-aware and
Product Key License Terms Feature Selection Disk Space Requirements Error and Usage Reporting Installation Rules Ready to Install Installation Progress Complete	Database Engine Services GL Server Replication Shared Features SQL Clenk Connectivity SDK Redistributable Features	have their own registry hives. They support multiple instances on a computer.
	Select All Unselect All Shared feature directory: C:\Program Files\Micros	soft SQL Server\
		< Back Next > Cancel Help

9. Instance Configuration: Select Named instance, and in the field that appears, type ALSQLExpress. Click Next.

🏗 SQL Server 2008 Setup					
Instance Configuration Specify the name and instance ID for	the SQL Server instance.				
Setup Support Rules Installation Type Product Key	 Default instance Named instance: 				
Feature Selection Instance Configuration Disk Space Requirements Server Configuration	Instance <u>I</u> D: Instance <u>r</u> oot directory:	C:\Program Files\Mi	crosoft SQL Server\		
Server Configuration Database Engine Configuration Error and Usage Reporting Installation Rules	SQL Server directory: Installed instances:	C:\Program Files\Mi	crosoft SQL Server\MSS	QL10.	Instance ID
Installation Progress Complete					
			< <u>B</u> ack	<u>N</u> ext > Ca	ancel Help

10. Server Configuration: In the Service Accounts tab, open the Account Name dropdown and select NT AU-THORITY/NETWORK SERVICE. Note: For Startup Type, select Automatic. If the SQL Server Browser service Account Name column is empty, select NT AUTHORITY/LOCAL SERVICE. Click Next.

SQL Server 2008 Setup			222/2121	
Server Configuration				
Specify the configuration.				
Setup Support Rules Installation Type	Service Accounts Collation	use a senarate account for each SOL	Server cervice	
Product Key License Terms	Service	Account Name	Password	Startup Type
Feature Selection Instance Configuration	SQL Server Database Engine	NT AUTHORITY\NETWORK S	Ē	Automatic 💌
Xisk Space Requirements		< <browse>></browse>	ame account for	all SQL Server services
arabase Engline Coninguration rror and Usage Reporting nstallation Rules Ready to Install	These services will be configure older Windows versions the use Help.	d automatically where possible to use r will need to specify a low privilege	e a low privilege account. For mo	account. On some ore information, click
nstallation Progress	Service	Account Name	Password	Startup Type
omplete	SQL Server Browser	NT AUTHORITY\LOCAL S		Automatic 🔽 🔽
		< <u>B</u> ack	<u>N</u> ext >	Cancel Help

11. Database Engine Configuration: In the Account Provisioning tab, Authentication Mode area, be sure to select Mixed Mode. In the two password fields, type "alarmlock" (quotes omitted).

IMPORTANT: Click the **Add Current User** button to add yourself as a SQL Server user. (You may add other users if necessary. Click **Next** to continue.

Specify Database Engine authentica	ion security mode, administrators and data directories.		
Setup Support Rules Installation Type Product Key License Terms Feature Selection Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error and Usage Reporting Installation Rules Ready to Install Installation Progress Complete	Account Provisioning Data Directories User Instan Specify the authentication mode and administrators Authentication Mode	nces FILESTREAM rs for the Database Engine. indows authentication) SQL Server administrator:	
	Add <u>C</u> urrent User Add Bemove	< Back Next > Cancel	telp

TIP: When using SQL Server authentication to connect to the database (in the DL-Windows Database Configuration Utility), the username is "sa" and the password is "alarmlock" (quotes omitted). However, in most cases you will be using Windows authentication, and therefore it is likely that SQL Server authentication will not be used. 12. Ready to Install: Click Install to proceed. Note the installation process may take some time.

🏶 SQL Server 2008 Setup		
Ready to Install Verify the SQL Server 2008 featur	es to be installed.	
Setup Support Rules Installation Type Product Key License Terms Peature Selection Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error and Usage Reporting Installation Rules Ready to Install Installation Progress Complete	Ready to install SQL Server 2008: Summary Edition: Express Action: Install (Slipstream) General Configuration Patabase Engine Services SQL Server Replication Instance configuration Instance Name: ALSQLEXPRESS1 Instance ID: ALSQLEXPRESS1 Instance ID: SQL Database Engine: MSSQL10.ALSQLEXPRESS1 Instance Directory: C:\Program Files\Microsoft SQL Server\ Shared component root directory Shared feature directory: C:\Program Files\Microsoft SQL Server\ Error and Usage Reporting: False Instance directory: d:\0da8ceab852e2aeda8d2c7e628ddlpCUSOURCE Cut Source directory: undefined	
	< Back Install Cancel	Help

13. **Installation Progress:** When finished, the text above the status bar will read "**Setup process complete**". Click **Next** to conclude the installation.

😫 SQL Server 2008 Setup		
Installation Progress		
Setup Support Rules Installation Type Product Key	Setup process complete	
Feature Selection	Feature Name	Status
Instance Configuration	Database Engine Services	Success
Disk Space Requirements	SQL Server Replication	Success
Database Engine Configuration Error and Usage Reporting Installation Rules Ready to Install Installation Progress Complete		
		Next > Cancel Help

NOTES