SCS-VR

Description

The following information outlines the minimum installation requirements and configurations to support SCS-VR installations.

Minimum Computer Requirements

- 2.8 GHz Pentium Dual Core processor.
- 2 GB RAM.
- 160 GB Hard Drive.
- Windows Server 2008 R2 operating system.
- Powershell 1.0 or higher.
- .NET Frameworks 3.5 or higher.
- Microsoft SQL Server 2008 (Express or higher).
- Java SE Runtime Environment 6U43.

Note: Database Engine Configuration: Mixed Mode Authentication.

SCS-VR Installation

Insert SCS-VR disk into drive and follow the on-screen instructions.

SQL Server Installation

Note: This process is only for the Microsoft SQL Server 2008 R2-Express system packaged with the SCS-VR disk. If using an existing SQL installation, skip to SQL Server Configuration.

1. If checked, installation begins and the menu appears on the screen.
2. In the Instance Configuration menu, select Named Instance and enter "SCSVR" in the box to the right.
3. Click 'Next' to enter the Server Configuration menu.
4. On the Server Accounts tab, set the Account Name from the drop-down menu to the local machine or server.
5. At the Database Engine Configuration menu, select Mixed Mode for the Authentication Mode and enter the username and password to be used by the system administrator.
6. After installation, you are returned to the SCS-VR setup and prompted for a license key.

SQL Server Configuration

1. Go to Start > All Programs > SQL Server > Configuration Tools > SQL Server Configuration Manager.
2. Select Protocols for SQL from the left side of the SQL Server Configuration Manager window.
   a. Double click on TCP/IP in the right-side of the window to open up the TCP/IP Properties window.
   b. Select Yes for "Enabled".
3. On the IP Addresses tab, set the following:
   a. Set TCP Port to 1433 for IP1-7 and IP All.
4. Exit SQL Server Configuration Manager.
5. Restart SQL Service.
   a. Go to Start > Run.
   b. Type "services.msc" in Run box.
   c. Scroll down to SQL Server.
   d. Restart.
6. Exit services.

SCS-VR Configuration using the Database Configurator Utility

SCS-VR Installation Database Configurator Utility should open after install. If not follow these steps:
   a. Click >Start > All Programs > SCS-VR > Configurator.exe.

Primary Database Configuration

1. Enter the Primary Database name.
2. Enter the Primary Server name or IP Address
3. Enter the TCP Port number or use the default (1433).
4. Enter the Username for the Primary SQL Server.
5. Enter the Password for the Primary SQL Server.

If you are not creating a secondary database, skip to Test Connection.

Secondary Database Configuration

1. Click on the Configure Secondary Database checkbox to enable. Selecting the Configure secondary database checkbox allows you to configure a secondary database. The SCS-VR will automatically begin using this database if the connection to the primary database is lost.
2. Enter the Secondary Database name.
3. Enter the Secondary Server name or IP Address.
4. Enter the TCP Port number or use the default (1433).
5. Enter the Username for the Secondary SQL Server.
6. Enter the Password for the Secondary SQL Server.

Test Connection

1. Click the Test Connection button. The Database Configurator Utility will test the connection to the primary and secondary databases. A successful test will display "Connection obtained from (Database name) on (server name). An error during testing will display "Failed to connect to (Database name) on (Server name)".
2. If the configured database does not exist or you are creating a new database, a Pop-up dialog box will display with a Yes or No button. Clicking yes will create the database as configured and clicking No will disregard the configuration information and return you to the Configuration Tool.
3. Click the Check Version(s) Button to determine the version level of the database(s) running on the SCS-VR. The database version will be displayed in the Status Window.

Note: Newly created databases should report a version of 0.

4. If the configured database is new or the version is not current, the Upgrade Version(s) button will enable. Click to upgrade the database to the latest version.
5. The Replicate Tables button becomes enabled if configuring a new installation or upgrading to a new version of SCS-VR. Replicate tables should be ran if the Secondary database is empty. If selected, the Primary database information will be replicated to the Secondary database.
6. Click the save button to save the database information.
7. A Question Pop-up dialog box displays to confirm you wish to save the configured database to the computer registry. The message "Question: Save changes to registry?" is displayed with a Yes or No button. Clicking yes will save the database and clicking No will disregard the information and return you to the Configurator Tool.
8. Click the quit button to exit the utility.

UL Classification Compliance Specifications

Refer to SCS-VR Installation Compliance Sheet (LT-1135) for complete information.

256-bit AES Encryption

Refer to SCS-VR Installation Compliance Sheet (LT-1135) for complete information.