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14.1 Scope

There are number of things that having preinstalled prior to installing or migrating SharePoint Foundation 2010 (WSF) is necessary or recommended. This chapter will cover the installation and configuration of these options.

14.2 Microsoft SQL Server Management Studio Express

Many of the lower end databases from Microsoft (i.e. SQL Server 2008 Express) do not come with any graphical management tools. Working with these databases via a command line is possible but a free graphical management tool is available from Microsoft. You can download the SQL 2008 version here:

http://www.microsoft.com/downloads/en/details.aspx?FamilyID=08e52ac2-1d62-45f6-9a4a-4b76a8564a2b

You will need to download the 64 bit version to manage SharePoint 2010 databases. It is also recommended that you uninstall any previous version of SQL Server Management Studio Express that may be present. The SQL 2008 version will be able to view and configure databases from previous versions.

픚 Program Compatibility Assistant	×			
This program has known compatibility issues				
Check online to see if solutions are available from the Microsoft website. If solutions are found, Windows will automatically display a website that lists steps you can take.				
Program: Microsoft SQL Server 2008 Publisher: Microsoft Location: C:\download\SQLManagementStudio_x64_ENU.exe				
After SQL Server Setup completes, you must apply SQL Server 2008 Service Pack 1 (SP1) or a later service pack before you run SQL Server 2008 on this version of Windows.				
Hide details Check for solutions online Run program Cancel Don't show this message again				

Login to the WSF server as an administrator and launch the downloaded file to commence the installation. Depending on what version of Windows Server 2008 you install onto you may also need to apply an SQL Server Service Pack directly afterwards as shown above.

Chapter 14 – Installing Prerequisites

🚼 SQL Server Installation Center	
Planning Installation	New SQL Server stand-alone installation or add features to an existing installation Launch a wizard to install SQL Server 2008 in a non-clustered environment or to add features to an existing SQL Server 2008 instance.
Maintenance Tools	New SQL Server failover duster installation Launch a wizard to install a single-node SQL Server 2008 failover duster.
Advanced	Add node to a SQL Server failover cluster Launch a wizard to add a node to an existing SQL Server 2008 failover cluster.
Options	Upgrade from SQL Server 2000 or SQL Server 2005 Launch a wizard to upgrade SQL Server 2000 or SQL Server 2005 to SQL Server 2008. Before you upgrade, you should run the Upgrade Advisor to detect potential problems.
	Search for product updates Search Microsoft Update for SQL Server 2008 product updates.

Click on Installation on the left hand side and then New SQL Server stand-alone installation or add features to an existing installation from the right.

🚼 SQL Server 2008 Setup			
Setup Support Rules			
Setup Support Rules identify problems that might occur when you install SQL Server Setup support files. Failures must be corrected before Setup can continue.			
Setup Support Rules	Rule check in progress		
	Show details >>	Re-run	

The setup will then inspect your system.

Operation completed. Passed: 6. Failed 0. Warning 0. Skipped 0.	
Show details >>	Re-run
View detailed report	

If there are any failures you will need to resolve these. If not, press the **OK** button at the bottom of the screen to continue.

Feature Name	Status		
Setup Support Files			
	I		
athering user settings.			
		15	

Press the **Install** at the bottom of the screen to install the *Setup Support Files* for SQL Server.

🚼 SQL Server 2008 Setup		<u>_ ×</u>
Setup Support Rules	ems that might occur when you install SQL Server Setup support files. Failures n	nust be corrected
Setup Support Rules Installation Type Product Key License Terms Feature Selection	Operation completed. Passed: 10. Failed 0. Warning 1. Skipped 0. Hide details << <u>View detailed report</u>	Re-run
Disk Space Requirements	Rule	Status
Installation Rules	Fusion Active Template Library (ATL)	Passed
Ready to Install	Unsupported SQL Server products	Passed
Installation Progress	Performance counter registry hive consistency	Passed
Complete	Previous releases of SQL Server 2008 Business Intelligence Develop	Passed
	Previous CTP installation	Passed
	Consistency validation for SQL Server registry keys	Passed
	Computer domain controller	Passed
	Microsoft .NET Application Security	Passed
	Edition WOW64 platform	Passed
	Windows PowerShell	Passed
	Windows Firewall	Warning
	< Back Next	> Cancel Help

Resolve any issues that may be displayed and press **Next** to continue.

C Add features to an existing instance of SQL Server 2008					
SHAREPOINT					
SHAREPOINT					
Installed instanc	25:				
Installed instanc Instance Name	es: Features	Version Edition			

Select the option at the top of the screen *Perform a new installation of SQL Server 2008*.

Press the **Next** key to continue.

Specify a free edition of SQL Server or provide a SQL Server product key to valid 2008. Enter the 25-character key from the Microsoft certificate of authenticity or specify Enterprise Evaluation, the instance will be activated with a 180-day expir edition to another edition, run the Edition Upgrade Wizard.	late this instance of SQL Server product packaging. If you ation. To upgrade from one
Specify a free edition: Express with Advanced Services	
C Enter the product key:	

You will be unable to make any changes on this screen so press **Next** to continue.

м	ICROSOFT SOFTWARE LICENSE TERMS	-
м	ICROSOFT SQL SERVER 2008 MANAGEMENT STUDIO EXPRESS	
Th live wh Mie	ese license terms are an agreement between Microsoft Corporation (or based on where you e, one of its affiliates) and you. Please read them. They apply to the software named above, nich includes the media on which you received it, if any. The terms also apply to any crosoft	
•	updates,	
•	supplements,	
•	Internet-based services, and	
•	support services	
for	r this software, unless other terms accompany those items. If so, those terms apply.	
BY	Y USING THE SOFTWARE, YOU ACCEPT THESE TERMS. IF YOU DO NOT ACCEPT THEM, NOT USE THE SOFTWARE.	
	· · · · · · · · · · · ·	•
	La Copy Pr) int
•	I accept the license terms.	
	< Back Next > Cancel Help	

Check I accept license terms and press Next.

Features:
Instance Features
Shared Features
Management Tools - Basic
SQL Client Connectivity SDK
Redistributable Features

Check the option Management Tools – Basic and press Next.



Ensure all the details are correct and press Next.



It is recommended that you leave these two options unchecked and press **Next** to continue.



Resolve any issues that maybe displayed and press Next.



Review installation configuration and when correct press the **Install** button.

Scheduling feature configuration.

Allow the installation to complete.

5	Setup process complete	
	Feature Name	Status
	Management Tools - Basic	Success

Press Next upon successfully completion.

Summary log file has been saved to the following location:
<u>C:\Program Files\Microsoft SQL Server\100\Setup Bootstrap\Log\20110125_161459</u> \Summary_CIASVR02_20110125_161459.txt
Information about the Setup operation or possible next steps:
Your SQL Server 2008 installation completed successfully.
Supplemental Information:
The following notes apply to this release of SQL Server only.
Microsoft Update
For information about how to use Microsoft Update to identify updates for SQL Server 2008, see the Microsoft Update Web site <http: ?linkid="108409" fwlink="" go.microsoft.com=""> at http://go.microsoft.com/fwlink/?LinkId= 108409.</http:>
Reporting Services
The Reporting Services installation options that you specified in Setup determine whether additional configuration is required before you can access the report server. If you installed the default configuration, the report server

And **Close** to finish the installation process button.

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 Default Programs Internet Explorer (64-bit) Internet Explorer Windows Media Player 	
 Windows Update Accessories Administrative Tools Maintenance Microsoft Office Microsoft SharePoint 2010 Products Microsoft SQL Server 2008 Import and Export Data (32-bit) Import and Export Data (64-bit) 	Administrator Documents Computer Network Control Panel
Configuration Tools	Devices and Printers Administrative Tools Help and Support Run
▲ Back	
Search programs and files	Log off

Once installed you can find the console under **Start | All Programs | Microsoft SQL Server 2008 | SQL Server Management Studio**.

Connect to Server		×
Microsoft* SQL	Server [®] 2008	
Server type:	Database Engine	-
Server name:	CIASVR02\SHAREPOINT	-
Authentication:	Windows Authentication	•
User name:	CIASVR02\Administrator	~
Password:		
	Remember password	
Connect	Cancel Help Option	15 >>

After the console is run simply enter name of a valid SQL instance (in this case <SERVER_NAME>\sharepoint) to connect to on the server and the appropriate authentication and press **Connect**.



Once logged in you can expand the *Databases* folder to view the databases of this instance.

🖳 М	icrosoft SQL Server Manageme
File	Edit View Tools Window
뫋	Connect Object Explorer
- 2 2	Disconnect Object Explorer
	New +
	Open +
	Close
	Save Selected Items Ctrl+S
	Save Selected Items As
1	Save All Ctrl+Shift+S
D	Page Setup
8	Print Ctrl+P
	Exit

To view another instance of SQL in this window simply use the **File | Connect Object Explorer** and then connect to that instance.

Don't forget to install any SQL Service packs as requested during the initial part of this installation if required.

14.8 Conclusion

This guide continues to be a work in progress and I encourage comments and feedback of any type. The only way that the Guide will improve if these is continued feedback.

Please send your comments and feedback to director@ciaops.com.