Install SQL Server

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Install SQL

1. Download Microsoft SQL 2008 R2 (Wave 5.0 & earlier) or Microsoft SQL 2017 (Wave 6.0, with ViewPoint HF 30 or higher, or Wave 7.0).

NOTE: SQL Server 2017 installation steps are very similar to SQL 2008R2, which is detailed below.

2. Double-click the install file. A 'User Account Control' dialog appears. Click 'Yes' on the dialog.



3. A dialog may appear announcing that ".Net Framework 3.5" needs to be installed. If so, choose 'Download and install this feature." When finished, click Close.

🕞 🖪 Windows Features	×
An app on your PC needs the following Windows feature: .NET Framework 3.5 (includes .NET 2.0 and 3.0)	
Download and install this feature Windows will get the files that it needs from Windows Update and complete the installation.	
 Skip this installation Your apps might not work correctly without this feature. 	
Tell me more about this feature	
	Cancel

4. The SQL Server Installation Center appears. Click on the Planning category and then on the "System Configuration Checker" to verify there are no problems.



5. If problems are found, resolve them. If no problems are found, click OK to close the configuration checker.

1	SQL Server 2008 Setup	×
Setup Support Rules Setup Support Rules identif corrected before Setup can	s y problems that might occur when you install SQL Server Setup support files. Failures must continue.	be
Setup Support Rules	Operation completed. Passed: 14. Failed 0. Warning 0. Skipped 0. Show details >> <u>View detailed report</u>	Re-run
	OK Cance	el Help

6. Click on the Installation category.



7. Click on New SQL Server stand-alone installation...



8. The Install Wizard starts and a License Terms box appears. Click "I accept the license terms" and then click

Next.



9. The system installs support files.

1	SQL Server	2008 R2 Setup	
Setup Support Files			
Click Install to install Setup	Support files. To install or update SQL	Server 2008 R2, these files are required.	
License Terms	The following components a	re required for SQL Server Setup:	
ietup Support Files	Feature Name	Status	
	Setup Support Files	In Progress	
	Everythe Standard Timir 1944	Aleur	
	ExecuteStandardTimingsWor	cflow	

10. Next, Feature Selection appears. Leave all defaults in place and click Next.

5	SQL Server 20	008 R2 Setup	- 0	×
Feature Selection Select the Express features to in:	stall.			
Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Features: Instance Features Solution Services Shared Features Subserved Features Solution Connectivity Solution Redistributable Features	n SDK	Description: Server features are instance-aware an their own registry hives. They support multiple instances on a computer.	d have
	Select All Unselect All Shared feature directory: Shared feature directory (x86):	C:\Program Files\Microsoft SQL Server\ C:\Program Files (x86)\Microsoft SQL Server\]
		< Back	Next > Cancel He	elp

11. Next, Instance Configuration appears. Change the instance to the "Default Instance" setting. Click Next. THIS STEP IS THE MOST OFTEN MISSED. YOU MUST CHANGE TO THE DEFAULT INSTANCE.

5	SQL Se	erver 2008 R	2 Setup		- 🗆 ×
Instance Configuration Specify the name and instance	ID for the instance of SQL Se	rver. Instance II) becomes part of th	e installation path.	
Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Default instance Named instance:	SQLExpress			
	Instance ID: Instance root directory:	SQLExpress C:\Program I	files∖Microsoft SQL S	erver\	
	SQL Server directory: Installed instances:	C:\Program F	iles\Microsoft SQL Se	erver\MSSQL10_50.SC	QLExpress
	Instance Name I	nstance ID	Features	Edition	Version
			< Back	Next > Can	cel Help

12. Next, Server Configuration appears. Click the "Use the same account for all SQL Server services" button.
NOTE: If required for security reasons, it is possible to run 'SQL Server Database Engine' as 'NT
Authority\NETWORK SERVICE'. This will require you to create the 'C:\Program Files (x86)\Vertical
Wave\Recording Archive Service' folder, before you install the RAS server, and grant FULL CONTROL to this
folder to 'NT Authority\NETWORK SERVICE'. If you have questions, please contact Vertical Support
and reference this article.

			2222	3200	\ominus	
Server Configuration						
Specify the service accounts an	d collation configuration.					
etup Support Rules	Service Accounts Collation					
eature Selection nstallation Rules	Microsoft recommends that you	use a separate account for eac	ch SQL Server s	ervice.		
nstance Configuration	Service Account Name Password Startur					
Disk Space Requirements	SQL Server Database Engine	NT AUTHORITY\SYSTEM		Automatic	Y	
Server Configuration	SQL Server Browser	NT AUTHORITY\LOCA		Disabled	~	
Error Reporting nstallation Configuration Rules nstallation Progress Complete		Use the same	account for all	SQL Server servi	ces	
Error Reporting Installation Configuration Rules Installation Progress Complete		Use the same	account for all	SQL Server servi	ces	

13. Click the drop-down box for the Account name and choose NT AUTHORITY\SYSTEM. Click OK.

	Use the same account for all SQL Server 2008 R2 services	
Specify a user na	me and password for all SQL Server service accounts.	
Account Name:	· · · · · · · · · · · · · · · · · · ·	Browse
_	NT AUTHORITY\NETWORK SERVICE	
Password:	NT AUTHORITY\SYSTEM	
	OK	Cancel

14. Click Next to proceed.

5	SC	L Server 200	8 R2 Setup			-
Server Configuration						
Specify the service accounts and	collation configuration					
Setup Support Rules	Service Accounts	Collation				
Feature Selection	Microsoft recon	mends that you	u use a separate account for ea	ch SQL Server s	ervice.	
Instance Configuration	Service		Account Name	Password	Startup Type	e
Disk Space Requirements	SQL Server Data	SQL Server Database Engine			Automatic	×
Server Configuration	SQL Server Brow	vser	NT AUTHORITY\LOCA		Disabled	~
Complete						

15. Next, the Database Engine Configuration appears. Under Authentication Mode, select Mixed Mode.

18	SQL Server 2008 R2 Setup – 🗆 🗙					
Database Engine Config Specify Database Engine authent	uration tication security mode, administrators and data directories.					
Feature Selection Installation Rules Instance Configuration Disk Space Requirements	Account Provisioning Data Directories User Instances FILESTREAM Specify the authentication mode and administrators for the Database Engine. Authentication Mode O Windows authentication mode					
Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Mixed Mode (SQL Server authentication and Windows authentication) Specify the password for the SQL Server system administrator (sa) account. Enter password: Confirm password: Specify SQL Server administrators					
	OpenVPN-Host/Vertical (Vertical) SQL Server administrators have unrestricted access to the Database Engine. Add Current User Add					
	< Back Next > Cancel Help					

16. Enter an SA password for the database (make sure to follow best practices for complex passwords). Make

sure to record the password for later use.

8	SQL Server 2008 R2 Setup	- 🗆 ×
Database Engine Config Specify Database Engine authent Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration	SQL Server 2008 R2 Setup urration ication security mode, administrators and data directories. Account Provisioning Data Directories User Instances FILESTREAM Specify the authentication mode and administrators for the Database Engine. Authentication Mode Windows authentication mode Image: Mixed Mode (SQL Server authentication and Windows authentication)	
Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Specify the password for the SQL Server system administrator (sa) account. Enter password: Confirm password: Specify SQL Server administrators OpenVPN-Host\Vertical (Vertical) SQL Set administrators Add Current User Add	rver istrators have icted access to tabase Engine.
	< Back Next > Cancel	Help

- 17. Click Next to proceed.
- 18. Click Next to proceed past Error Reporting and start the install.
- 19. When the install completes, click Close.



Configure SQL for TCP/IP

- Click Start and Choose SQL Server Configuration Manager (this may trigger a UAC dialog. Click Yes.)
 SQL 2017 Open Computer Management. Under 'Services and Applications', expand SQL Server
 Configuration Manager, then you can follow the other screenshots as shown below.
- 2. Click on SQL Server Network Configuration.



3. Double-click on Protocols.



4. Right-click on TCP/IP and choose Enable.

2			Sql Serve	er Configuration Manager	- 0	×
File Action View Help						
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 SQL Server Configuration Manager (Local) SQL Server Services SQL Server Network Configuration (32bit) SQL Native Client 10.0 Configuration (32) 	Protocol N Shared	lame Memory Pipes	Status Enabled Disabled			
SQL Server Network Configuration	TVIA Enable					
SQL Native Client 10.0 Configuration		Disable	1			
		Proper	rties			
		Help				

5. Click on SQL Server Services.

Sql Server Configuration Manager						
File Action View Help						
SQL Server Configuration Manager (Local) SQL Server Services SQL Server Network Configuration (32bit) Protocols for MSSQLSERVER SQL Native Client 10.0 Configuration	Name SQL Server Browser SQL Server (MSS SQL Server Agent	State Stopped Running Stopped	Start Mode Other (Boot, Syste Automatic Other (Boot, Syste	Log On As NT AUTHORITY\LO LocalSystem NT AUTHORITY\NE	Process ID 0 <u>3176</u> 0	Service Type SQL Server SQL Agent

6. Right-click SQL Server and choose Restart. This will restart the SQL Server and apply the setting change.

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File Action View Help							
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 SQL Server Configuration Manager (Local) SQL Server Services SQL Server Network Configuration (32bit) SQL Network Configuration (32) SQL Network Network Configuration (32) SQL Server Network Configuration (32) SQL Server Network Configuration SQL Notive Client 10.0 Configuration SQL Native Client 10.0 Configuration 	Name	State	Start Mode	Log On As	Process ID	Service Type	
	SQL Server Browser Stopped		Other (Boot, Syste	NT AUTHORITY\LO	0		
	SQL Server 1	nninnu 224.6	Automatic	LocalSystem	3176	SQL Server	
		Start Stop Pause Resume	Other (Boot, Syste	NT AUTHORITY/NE	0	SQL Agent	
		Restart					
		Properties					
		Lista					

7. Close the Server Configuration Manager.