Setup Guide for SQL Express 2019/2022

SQL Server Installation Center			_		×
Planning Installation Maintenance	۱ ۲ ۲	New SQL Server standalone installation or add features to an existing i aunch a wizard to install SQL Server 2022 in a non-clustered environn eatures to an existing SQL Server 2022 instance.	<u>nstallat</u> nent or	<u>ion</u> to add	
Tools Resources		nstall SQL Server Reporting Services .aunch a download page that provides a link to install SQL Server Rep nternet connection is required to install SSRS.	orting S	Services.	An
Options		nstall SQL Server Management Tools .aunch a download page that provides a link to install SQL Server Mar SQL Server command-line utilities (SQLCMD and BCP), SQL Server Por SQL Server Profiler and Database Tuning Advisor. An internet connect nstall these tools.	nageme werShel ion is re	ent Studio Il provide equired to), :r,)
		nstall SQL Server Data Tools .aunch a download page that provides a link to install SQL Server Dat. provides Visual Studio integration including project system support fo SQL Database, the SQL Server Database Engine, Reporting Services, An ntegration Services. An internet connection is required to install SSDT.	a Tools (r Micro alysis S	(SSDT). S soft Azu ervices a	SDT re nd
		<u>Jpgrade from a previous version of SQL Server</u> .aunch a wizard to upgrade a previous version of SQL Server to SQL Se <u>Click here to first view Upgrade Documentation</u>	erver 20	22.	
Microsoft SQL Server 2022					

1. Choose 'New SQL Server...'

SQL Server 2022 Setup	- □ ×
To install SQL Server 2022, ye	Su must accept the Microsoft Software License Terms.
Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Feature Configuration Rules Installation Progress Complete	YOU MUST ACCEPT THE SOFTWARE LICENSE TERMS. SEE BELOW. Please read the full license terms provided at (aka.ms/useterms). DATA COLLECTION. The software may collect information about you and your use of the software and send that to Microsoft. Microsoft may use this information to provide services and improve Microsoft's products and services. Your opt-out rights, if any, are described in the product documentation. Some features in the software may enable collection of data from users of your applications that access or use the software. If you use these features to enable data collection in your applications, you must comply with applicable law, including getting any required user consent, and maintain a prominent privacy policy that accurately informs users about how you use, collect, and share their data. You can learn more about Microsoft's data collection and use in the product documentation and the Microsoft Privacy Statement at https://doc.microsoft.com/fwlink/21.inkld=521839. You scree to comply with all Print
	I accept the license terms and <u>Privacy Statement</u> SQL Server transmits information about your installation experience as well as other usage and performance data. Azure Arc connection also transmits the configuration data to allow you to manage and protect your SQL Server instance using Azure Portal and services. To learn more about data processing and privacy controls, and to turn off the collection of certain information, see the <u>documentation</u> .
	< <u>B</u> ack <u>N</u> ext > Cancel

2. Check 'Accept License Terms...'

髋 SQL Server 2022 Setup		6	-		×
Microsoft Update					
Use Microsoft Update to check	for important updates				
License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Feature Configuration Rules Installation Progress Complete	Microsoft Update offers security and other software, including SQL Server 2022. Upda the Microsoft Update website. Use Microsoft Update to check for upda Microsoft Update FAQ Microsoft Privacy Statement	important updates for Windows an tes are delivered using Automatic U tes (recommended)	d other Mic	rosoft rou can v	isit
		< <u>B</u> ack <u>N</u> e	xt >	Cance	

3. Skip Microsoft Update and click 'Next'

髋 SQL Server 2022 Setup		2		-		×
Install Rules						
Setup rules identify potential p can continue.	problems that	t might occur while running Setup. Failures must be corrected	before Setup			
License Terms Global Rules Microsoft Update Product Updates	Operation Hide de	n completed. Passed: 4. Failed 0. Warning 1. Skipped 0.			<u>R</u> e-	run
Install Setup Files	View deta	iled report				
Install Rules	Result	Rule	Status			
Feature Rules		Machine Learning Server shared feature support	Passed			_
Instance Configuration		Consistency validation for SQL Server registry keys	Passed			
Server Configuration		Computer domain controller	Passed			
Database Engine Configuration	1	Windows Firewall	Warning			
Feature Configuration Rules		Microsoft .NET Framework 4.7.2, or newer, is required	Passed			
Installation Progress						
complete						
		< <u>B</u> ack	<u>N</u> ext >		Cance	9

4. Default and click 'Next' (windows firewall will be fixed later)

Feature Selection Select the Express features to install. License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Instance Configuration Server Configuration Feature Configuration Feature Configuration Rules Installation Progress Complete	Looking for Reporting Servic itures:	es? <u>Download it fre</u>	om the web	
License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete	Looking for Reporting Servic tures:	es? <u>Download it fro</u>	om the web	
	stance Features Database Engine Services SQL Server Replication ared Features distributable Features		Feature description: The configuration and operation of each instance feature of a SQL Server instances. SQL Server instances. can operate side-by-side on the same computer. Prerequisites for selected features: Already installed: Windows PowerShell 3.0 or higher To be installed from media: Microsoft Visual C++ 2017 Redistributable Disk Space Requirements Drive C: 994 MB required, 37241 MB available	•
Inst <u>S</u> ha Sha	Select <u>A</u> II <u>Unselect AII</u> tance goot directory: ared feature directory: ared feature directory (<u>x</u> 86):	C:\Program Files\M C:\Program Files\M C:\Program Files (x&	icrosoft SQL Server\	

5. Use Default and click 'Next'

髕 SQL Server 2022 Setup	Ŷ					-		×
Instance Configuration	on							
Specify the name and instan	ce ID for the instance of SO	QL Server. Insta	nce ID becom	es part of the in	stallation path.			
License Terms	O <u>D</u> efault instance							
Global Rules	• Named instance: *	EasyMan						
Microsoft Update								
Product Updates								
Install Setup Files	Instance <u>I</u> D:	EASYMAN						
Feature Selection								
Feature Rules	SQL Server directory:	C:\Program	- iles\Microsoft	SQL Server\MS	SQL16.EASYMAN			
Instance Configuration	Installed instances							
Server Configuration	instaged instances.				E DO			
Database Engine Configuration	Instance Name	Instance ID	Feat	ures	Edition	Vers	ion	
Feature Configuration Rules								
Complete								
				< <u>B</u> a	ck <u>N</u> ext >		Cance	1

6. Change Named instance to 'EasyMan' and click 'Next'

馪 SQL Server 2022 Setup				-		×
Server Configuration Specify the service accounts and	d collation configuration.					
License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete	Service Accounts Collation Microsoft recommends that yo Service SQL Server Database Engine SQL Server Browser Grant Perform Volume Main This privilege enables instar to information disclosure by Click here for details	u use a separate account for each Account Name NT Service\MSSQL\$EAS NT AUTHORITY\LOCAL itenance Tasks privilege to SQL Ser it file initialization by avoiding zerc allowing deleted content to be acc	SQL Server service Password ver Database Eng bing of data page cessed.	e. Startup Automi Disable jine Servic s. This may	o Type attic d e y lead	> >
		< <u>B</u> ack	< <u>N</u> ext >	•	Cance	el

7. Use Default settings and click 'Next'

Database Engine Confi Specify Database Engine authe	guration	administrators, data directories,	; TempDB, Max degree of
License Terms Global Rules Microsoft Updates Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Instance Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete	Server Configuration Specify the authen Authentication Mc Windows authe Mixed Mode (Su Specify the password: Confirm password: Specify SQL Server WINDOWS11\left	Data Directories TempDB N itication mode and administrator ode	Memory User Instances FILESTREAM rs for the Database Engine. ndows authentication) ministrator (sa) account. SQL Server administrators have unrestricted access to the Database Engine.
	Add <u>C</u> urrent User	Add <u>R</u> emove	< Back Next > Cancel

8. Change to 'Mixed Mode', enter a password and click 'Next'

Note: write down the password. You need it when you install Easy Man.

📸 SQL Server 2022 Setup			-		×
Complete					
Your SQL Server 2022 installati	on completed successfully with product u	pdates.			
License Terms	Information about the Setup operation	or possible next steps:			
Microsoft Undate	Feature	Status			
Des dust Undates	🥝 Database Engine Services	Succeeded			
	SQL Server Replication	Succeeded			
Install Setup Files	SQL Browser	Succeeded			
Install Rules	SQL Writer	Succeeded			
Feature Selection	Setup Support Files	Succeeded			
Feature Rules					
Instance Configuration					
Server Configuration					
Database Engine Configuration					
Feature Configuration Rules	Details:				
Installation Progress	Install successful				
Complete					
	Summary log file has been saved to the	following location:			
	C:\Program Files\Microsoft SQL Server	160\Setup Bootstrap\Log\20241004_112502 2502 tvt			
	300mmary Windows11 20241004 11	<u>LOUINE</u>			
				Close	

9. The installation is now complete. Close all windows.

NB! Regarding SQL 2022

Default Startup Type for SQL Server 2022 is Automatic (Delayed Start).

Delayed Start means 1-2 minutes.

This is a change from SQL 2019 (the reason is unknown...)

THIS MUST BE CHANGED TO AUTOMATIC

because Easy Man's services read from SQL tables when it starts up.

	MARY Properties (Local Computer)	
General Log On	Recovery Dependencies	
Service name:	MSSQL\$EASYMAN	
Display name:	SQL Server (EASYMAN)	
Description:	Provides storage, processing and controlled access of data, and rapid transaction processing.	
Path to executab ''C:\Program File:	le: s∖Microsoft SQL Server∖MSSQL16.EASYMAN\MSSQL\Bi	r
Startup type:	Automatic (Delayed Start) ~	1
	· · ·	
Service status:	Running	
Service status:	Running Stop <u>P</u> ause <u>R</u> esume	
Service status: Start You can specify from here	Running Stop Pause Resume the start parameters that apply when you start the service	
Service status: Start You can specify ifrom here. Start parameters:	Running Stop Pause Resume the start parameters that apply when you start the service]
Service status: Start You can specify from here. Start parameters:	Running Stop Pause Resume the start parameters that apply when you start the service]