ABELSoft

Upgrading Microsoft SQL Server from an Older Version of Microsoft SQL

The purpose of this document is to detail the steps required for users to upgrade their SQL Server to ensure support and security are maintained at all time.

It's important to note that if you are upgrading from older version of SQL Server, Ensure to upgrade to latest service pack prior to starting the Upgrade

How to Upgrade SQL Server

- 1. Mount or Place your SQL Installation CD into the computer
- 2. Open Windows Explorer and navigate to the Installation Folder
- 3. Right-click on Setup.EXE and select Run as Administrator

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P setup.exe.config 9/13/2023 1:28 PM XML Configuratio 1 KB
This PC SqlSetupBootstrapper.dll 9/13/2023 1:28 PM Application extens 226 KB
SSMS-Setup-ENU.exe 9/13/2023 1:28 PM Application 644,163 KB
🖉 x64.ini 9/13/2023 1:28 PM Configuration sett 12 KB

13 items

- 4. The SQL Server Installation Center Window appears
- 5. Select Installation and Upgrade from a previous version of SQL server

髋 SQL Server Installation Center		– 🗆 X
Planning Installation	ŧ	New SQL Server standalone installation or add features to an existing installation Launch a wizard to install SQL Server 2022 in a non-clustered environment or to add features to an existing SQL Server 2022 instance.
Tools Resources		Install SQL Server Reporting Services Launch a download page that provides a link to install SQL Server Reporting Services. An internet connection is required to install SSRS.
Advanced Options		Install SQL Server Management Tools Launch a download page that provides a link to install SQL Server Management Studio, SQL Server command-line utilities (SQLCMD and BCP), SQL Server PowerShell provider, SQL Server Profiler and Database Tuning Advisor. An internet connection is required to install these tools.
	ĸ	Install SQL Server Data Tools Launch a download page that provides a link to install SQL Server Data Tools (SSDT). SSDT provides Visual Studio integration including project system support for Microsoft Azure SQL Database, the SQL Server Database Engine, Reporting Services, Analysis Services and Integration Services. An internet connection is required to install SSDT.
	Ţ	New SQL Server failover cluster installation Launch a wizard to install a single-node SQL Server 2022 failover cluster. This action is only availabe in the clustered environment.
	şî	Add node to a SQL Server failover cluster Launch a wizard to add a node to an existing SQL Server 2022 failover cluster. This action is only availabe in the clustered environment.
Microsoft SQL Server 2022		Upgrade from a previous version of SQL Server Launch a wizard to upgrade a previous version of SQL Server to SQL Server 2022. Click here to first view Upgrade Documentation

6. Edition

Check the box that says I have SQL server license only and Click $\ensuremath{\textbf{Next}}$

🐻 Upgrade to SQL Server 2022		_		×
Edition Select the edition of SQL Serve	r 2022 you want to install.			
Edition License Terms Global Rules Product Updates Install Setup Files Upgrade Rules Select Features Feature Rules Ready to Upgrade Upgrade Progress Complete	Select an edition of SQL Server to install. You can choose to either use a SQL Server I is already purchased by entering the product key or choose pay-as-you-go billing throu You can also specify a free edition of SQL Server. Developer, Evaluation, or Express. Evaluation, but is licensed for non-production database application development only one installed edition to another, run the Edition Upgrade Wizard. Specify a free edition: Fevaluation Variation Vari	:ense th gh Micr sluation citivate atures fu . To upp t you wi iter in si	nat you ha rosoft Azu i has the d with a 1 ound in grade fror ill be etup. For	nve re. 80 n
	< Back Next >		Cancel	

7. License Terms.

Accept the terms and click **Next**

License Terms									
To install SQL Server 2022,	ou must accept the Microsoft Software License Terms.								
dition	COL Course 2022 Gaussiand Edition								
icense Terms	SQL Server 2022 Standard Edition								
lobal Rules	YOU MUST ACCEPT THE SOFTWARE LICENSE TERMS. SEE BELOW. Please	^							
roduct Updates	read the full license terms provided at (aka.ms/useterms).								
nstall Setup Files	DATA COLLECTION. The coffuere may collect information about you and your								
pgrade Rules	use of the software and send that to Microsoft Microsoft may use this								
elect Features	information to provide services and improve Microsoft's products and services.								
eature Rules	Your opt-out rights, if any, are described in the product documentation. Some								
eady to Upgrade	features in the software may enable collection of data from users of your								
Jpgrade Progress	applications that access or use the software. If you use these features to enable								
Complete	data collection in your applications, you must comply with applicable law,								
	including getting any required user consent, and maintain a prominent privacy	U							
	DOICY THAT ACCUTATELY INFORMS USERS ADOUT NOW YOU USE. CONECT, and share their Copy Print) ht							
	✓ I accept the license terms and Privacy Statement								
	Notice: A paid SQL Server edition product key has been provided for the current action - Standard. Pleas ensure you are entitled to this SQL Server edition with proper licensing in place for the product key (edition) supplied.	e							
	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								

8. Setup Support Rules appears Click **Next**

🐻 Upgrade to SQL Server 2022			-		×
Upgrade Rules					
Setup rules identify potential p can continue.	problems that	might occur while running Setup. Failures must be corrected b	pefore Setup		
Edition	Operation	completed. Passed: 6. Failed 0. Warning 0. Skipped 0.			
License Terms					
Global Rules					
Product Updates	Hide det	ails <<		Re-	run
Install Setup Files	View detai	iled report			
Upgrade Rules					
Select Instance	Result	Rule	Status		
Select Features		Machine Learning Server shared feature support	Passed		
Server Configuration		Consistency validation for SQL Server registry keys	Passed		
Feature Rules		Computer domain controller	Passed		
Ready to Upgrade		Not clustered or the cluster service is up and online.	Passed		
Upgrade Progress		DNS settings (SSDS)	Passed		
Complete		Microsoft .NET Framework 4.7.2, or newer, is required	Passed		
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8. Select Instance. Make sure the right instance is selected. Click **Next**

Upgrade to SQL Server 2022					_		Х
Select Instance Specify the instance of SQL Serv	er to modify.						
Edition License Terms Global Rules Product Updates Install Setup Files Upgrade Rules Select Instance Select Features Server Configuration Feature Rules Ready to Upgrade Upgrade Progress Complete	Select the instance of features" and then clic Instance to upgrade: MSSQLSERVER Installed instances: Instance Name MSSQLSERVER <shared compone<br=""><shared compone<br=""><shared compone<br=""><shared compone<="" td=""><td>SQL Server to upgrade k next. Instance ID MSSQL14.MSSQLS</td><td>e. To upgrade only sh Features SQLEngine DQC, IS SSMS Conn, BC, SDK DQC IS</td><td>ared features, select "I Edition Standard</td><td>Versia 14.0.3 13.0.1 13.3.6 13.3.7</td><td>shared on 460.9 460.9 6000.28 4500.10 300.2 000.253</td><td></td></shared></shared></shared></shared>	SQL Server to upgrade k next. Instance ID MSSQL14.MSSQLS	e. To upgrade only sh Features SQLEngine DQC, IS SSMS Conn, BC, SDK DQC IS	ared features, select "I Edition Standard	Versia 14.0.3 13.0.1 13.3.6 13.3.7	shared on 460.9 460.9 6000.28 4500.10 300.2 000.253	

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Next >

Cancel

9. Select Features appears. Select all features Click **Next**

Upgrade to SQL Server 2022		- C	x t
It is not possible to change	the SQL Server features to be upgraded in this release.		
Edition License Terms Global Rules Product Updates Install Setup Files Upgrade Rules Select Instance Select Features Instance Configuration Server Configuration Feature Rules Ready to Upgrade Upgrade Progress Complete	Features: MSSQLSERVER Database Engine Services Shared Features Data Quality Client Integration Services Redistributable Features	Description: Prerequisites for selected Already installed: Windows PowerShell To be installed from mee Microsoft Visual C++ Microsoft Visual Stuc Visual Stuc Space Requirements Disk Space Requirements	features: 3.0 or hig dia: 2017 Red lio Tools fi Addio 1426
		< Back Next > C	ancel

10. Select Instance Configuration Appears. Ensure the instance of SQL that is being upgraded is correct Click **Next**

🐻 Upgrade to SQL Server 2022					_		×		
Instance Configuration Specify the name and instance	ID for the instance of SC	QL Server, Instance ID t	becomes part of the i	nstallation path.					
Edition License Terms Global Rules	 Default instance Named instance: * 	MSSQLSERVER							
Global Rules Product Updates Install Setup Files Upgrade Rules Select Instance Select Features Instance Configuration Server Configuration Feature Rules	Instance ID:	MSSQLSERVER							
	SQL Server directory: c:\Program Files\Microsoft SQL Server\MSSQL16.MSSQLSERVER								
	Installed instances:	Instance ID	Features	Edition	Ver	sion			
Ready to Upgrade Upgrade Progress	<pre>MSSQLSERVER <shared <shared="" compone="" compone<="" pre=""></shared></pre>	MSSQL14.MSSQLS	SQLEngine DQC, IS SSMS	Standard	14.0 14.0	.3460.9 .3460.9 16000.28			
Complete	<shared compone<br=""><shared compone<="" td=""><td></td><td>Conn, BC, SDK DQC</td><td></td><td>13.0</td><td>.14500.10 .6300.2</td><td></td></shared></shared>		Conn, BC, SDK DQC		13.0	.14500.10 .6300.2			
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Cancel

11. Server Configuration Appears. Ensure the data present is correct Click Next

🐻 Upgrade to SQL Server 2022								_	_		\times
Server Configuratio	n										
Specify the service account	ts and collation o	onfiguratio	00								
opecity the service account	is and constion e	onngaraa	011.								
Edition	Service A	Accounts									
License Terms											
Global Rules	Micros	soft recom	mends that yo	ou use a	separate accou	nt for each S	QL Serve	er service.			_
Product Updates	Servi	ce			Account Name		Passwo	rd S	itartu	р Туре	
Install Setup Files	SQL S	erver Integ	ration Service	es 16.0	NT Service\MsD	tsServer		A	utom	atic	\sim
Upgrade Rules											
Select Instance											
Select Features											
Instance Configuration											
Server Configuration											
Feature Rules											
Ready to Upgrade											
Upgrade Progress											
Complete											
						< Back		Next >		Canc	el

12. Features Rules appear. Click **Next**



13. Ready to Upgrade appears Click **Upgrade** to Upgrade your SQL Server

Upgrade to SQL Server 2022	_		×
Ready to Upgrade Verify the SQL Server 2022 feat	tures to be upgraded.		
Edition License Terms Global Rules Product Updates Install Setup Files Upgrade Rules Select Instance Select Features Instance Configuration Server Configuration Feature Rules Ready to Upgrade Upgrade Progress Complete	Ready to upgrade SQL Server 2022: Summary Edition: Standard Action: Upgrade Prerequisites Already installed: Windows PowerShell 3.0 or higher To be installed from media: Microsoft Visual C++ 2017 Redistributable Microsoft Visual C++ 2017 Redistributable Microsoft Visual Studio Tools for Applications 2019 General Configuration Features Database Engine Services Data Quality Client Integration Services SQL Writer Instance configuration Instance configuration Instance Origuration Instance Configuration SQL Writer Instance Origuration Instance Configuration SQL Writer Shared feature directory: c:\Program Files\Microsoft SQL Server Shared feature directory: c:\Program Files\Microsoft SQL Server\ Update Enabled: True Configuration file path: <t< td=""><td>nFile.ini</td><td>~</td></t<>	nFile.ini	~
	< Back Upgrade	Cancel	