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 SQL Server 2008 R2, Ensure to upgrade to 2008 Service Pack 3 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



4. The SQL Server Installation Center Window appears

5. Select Upgrade from SQL Server 2005, SQL Server 2008 or SQL Server 2008 R2 ×

SQL Server Installation Center		- 8 >
Planning Installation Maintenance Tools Resources Advanced	New SQL Server stand-alone installation or add features to an existing installation Launch a wizard to install SQL Server 2012 in a non-clustered environment or to add features to an existing SQL Server 2012 instance. New SQL Server failover cluster installation Launch a wizard to install a single-node SQL Server 2012 failover cluster. Add node to a SQL Server failover cluster Launch a wizard to add a node to an existing SQL Server 2012 failover cluster.	
Options	Upgrade from SQL Server 2005, SQL Server 2008 or SQL Server 2008 R2 Launch a wizard to upgrade SQL Server 2005, SQL Server 2008 or SQL Server 2008 R2 to SQL Server 2012.	
SQL Server 2012		

6. Setup Support Rules appears Click **OK**

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lacion	🐩 SQL Server 2012 Setup	k	
urces	Setup Support Rule Setup Support Rules identif before Setup can continue.	Problems that might occur when you install SQL Server Setup support	files. Failures must be corrected
ns	Setup Support Rules	Operation completed. Passed: 9. Failed 0. Warning 0. Skipp	ped 0.
		Show details >> Yew detailed report	Reirun
			OK Cancel

7. Product Updates appears.

Click **Next**

Product Updates Always install the latest	S updates to enhance your SQL Server se	curity and performance.		
Product Updates	Include SQL Server prod	uct updates		
Inistali betup mes	Name	Size (MB)	More Information	
	SQL Server 2012 SP1 GDR	Product 145	KB 2793634	
	Read our privacy statement Learn more about SOL Serv	Lonine er product updates		
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8. Setup Support Rules appears Click **Next**

tallation ntenance	New SQL	wizard to install SQL Server 2012 in a non-clustered environment or to add features to Server fallover cluster installation wizard hn install a single-node SQL Server 2012 failover cluster.) an existing SQL Server 2012 instance.
ources anced ions	Upgrade to SQL Server 2013 Setup Support Rule Setup Support Rules identify before Setup can continue.	2 25 problems that might occur when you install SQL Server Setup support files. Failure	s must be corrected
	Setup Support Rules Product Key License Terms Select Instance Select Features Disk Space Requirements	Operation completed. Passed: 8. Failed 0. Warning 0. Skipped 0. Hide details << View detailed report.	Re-run
	Server Configuration Error Reporting Upgrade Rules Ready to Upgrade Upgrade Progress Complete	Kule Image: Second Se	Passed Pa
Microsoft Com vo		< Back	Next > Cancel Help

9. Product Key appears, Enter your product Key Click **Next**

stallation aintenance	Launch a v	vizard to install SQL Server 2012 in a non-clustered environment or to add features to an existing SQL Server 2012 instance Server fallover cluster installation vizard to install a sincle-node SQL Server 2012 fallover cluster.	е.
sources Proc vanced Spectrum tions Spectrum	i <mark>de to SQL Server 2012</mark> Cluct Key acify the edition of SQL Se	rver 2012 to install.	<u>- 0 ×</u>
Setup S Produc License Select Ir Select F Disk Spa Server (Error Re Upgrade Complet	upport Rules t Key Terms Isstance eatures cce Requirements configuration porting Produes Progress e	Validate this instance of SQL Server 2012 by entering the 25-character key from the Microsoft certificate of authenticity or product packaging. You can also specify a free edition of SQL Server, such as Evaluation or Express. Evaluation has the largest set of SQL Server features, as documented in SQL Server Books Online, and is activated with a 180-day expiration. To upgrade from one edition to another, run the Edition Upgrade Wizard. C Specify a free edition: Evaluation C Enter the product key:	

10. License Terms Appears. Read through, Accept, and Select Send Feature usage data to Microsoft Click **Next**



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

laintenance	*	New SQL Server f	ailover cluster installation	Server 2012 Falover d	lustar		
oois esources dvanced ptions	Select Instan Specify the instan	rver 2012 NCE ce of SQL Server b	o modify.				
	Setup Support Rules Product Key License Terms Select Instance Select Features		Select the instance of Si "Upgrade shared feature Instance to upgrade: MSSQLSERVER Installed instances:	QL Server to upgrade. 1 is" and then click next.	Fo upgrade only Managem	ent Tools and shar	red features, select
	Server Configuration Error Reporting Upgrade Rules Ready to Upgrade Upgrade Progress Complete		Instance Name MSSQLSERVER <shared component<="" th=""><th>Instance ID MSSQL10_50.MSSQL</th><th>Features SQLEngine,SQLEngi SSM5, Adv_SSM5, C</th><th>Edition Standard</th><th>Version 10.52,4000.0 10.52,4000.0</th></shared>	Instance ID MSSQL10_50.MSSQL	Features SQLEngine,SQLEngi SSM5, Adv_SSM5, C	Edition Standard	Version 10.52,4000.0 10.52,4000.0

12. Select Features appears. Select all features

Click Next



13. Instance Configuration appears. Verify all the information Click **Next**



14. Disk Space Requirements Appears. Ensure your system has enough disk space for SQL to be installed



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

lation	Upgrade to SQL Server 2012	the second s	and the second se			IDI XI ance.
enance irces	Server Configuration	n nd collation configuration.				
ns	Setup Support Rules Product Key License Terms	Service Accounts	se a separate account for each SQL Se	erver service.		1
	Select Instance	Service	Account Name	Password	Startup Type	
	Select Features	SQL Server Integration Services	11.0 NT Service\MsDtsServer110		Automatic	-
Dis Se En Up Re Co	Error Reporting Ungrade Rules Ready to Upgrade Upgrade Progress Complete					
			< Back	Next >	Cancel Hel	

16.Error Reporting appears. Select Send Windows and SQL Server Errors to Microsoft Click Next



17. Upgrade Rules appears. Allow the rules to run and expand the details of the report. Ensure that all applicable rules show as Passed. If any rule is in an error state, attempt to remedy the rule and rerun the upgrade process from step 2

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Upon completion and all Rules Pass, Click Next

ation	🗿 Upgrade to SQL Server 2012		
iance :es	Upgrade Rules Setup is running rules to det completely analyze your prio	ermine if the upgrade process will be blocked. It is recommended that you run installations. See help for more information.	un Upgrade Advisor to
ed	Setup Support Rules	Operation completed. Passed: 39. Failed 0. Warning 0. Skipped 0.	
	Product Key		
	License Terms		and a second sec
	Select Instance	Hide decails <<	Rerun
	Jostance Configuration	view declared report	
	Disk Space Requirements	Rule	Status
	Server Configuration	Security Group SID (Security Identifier)	Passed
	Error Reporting	Cross language upgrade	Passed
	Upgrade Rules	SQL Server 2008 CTP upgrade blocker	Passed
	Ready to Upgrade	SQL Server 2008 build-to-build slipstream upgrade	Passed
	Upgrade Progress	Valid DSN	Passed
	Complete	Valid Database compatibility level and successful connection	Passed
		No Custom Rendering Extensions	Passed
		No Custom Security Extensions	Passed
		No Custom Authentication Extensions	Passed
		Unsupported IIS Security Modes for Report Server	Passed
		Unsupported IIS Security Modes for Report Manager	Passed
		Client Certificate Required for Report Server	Passed
		Client Certificate Required for Report Manager	Passed
		< Back	Next > Cancel Help
			·

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

stallation intenance ols sources	Upgrade to SQL Server 2012 Ready to Upgrade Verify the SQL Server 2012 /	eatures to be upgraded.
ions	Setup Support Rules Product Key License Tems Select Instance Select Instance Configuration Instance Configuration Disk Space Regulements Server Configuration Error Reporting Upgrade Rules Ready to Upgrade Upgrade Progress Complete	Ready to sugrade SQL Server 2012: Summary Summary Attorn: Upgade (Product Update) Prerequiates Aready Installed: Ar
		Configuration file path:
		C:\Program Files\Microsoft SQL Server\110\Setup Bootstrap\Log\20190925_085112\ConfigurationFile.ini
		< Back Upgrade Cancel Help