

Upgrading SQL

Applies to: Amicus Attorney (with or without Amicus Billing)

With Microsoft SQL Server Reporting Services, use Report Builder to generate and author easy-to-use interactive reports. Amicus Billing utilizes SQL Server Reporting Services for both Billing Reports and Billing Templates.



NOTE: Upgrading your SQL Server leverages improvements to the core engine as well as new features. It automatically uninstalls existing reporting services.

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Installing SQL 2019

- New Installation
- Upgrading existing SQL
- SSRS 2019 Installation



NOTE: Upgrading to SQL 2019 automatically uninstalls existing reporting services.

New Installation

1 Navigate to the SQL Server Installation Center and select Installation from the left navigation bar.



- 2 Click New SQL Server stand-alone installation or add features to an existing installation to launch the SQL Server Installation wizard.
- **3** Follow the onscreen instructions to complete the install.

4 Enter the product key in the field provided in the Product Key window.

髋 SQL Server 2019 Setup	- D X
Product Key	
Specify the edition of SQL Serve	er 2019 to install.
Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Product Key License Terms Feature Selection Feature Rules Feature Configuration Rules Ready to Install Installation Progress Complete	Validate this instance of SQL Server 2019 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: Developer, 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. Developer edition does not have an expiration, has the same set of features found in Evaluation, but is licensed for non-production database application development only. To upgrade from one installed edition to another, run the Edition Upgrade Wizard. Specify a free edition: Evaluation enter the product key:
	< <u>B</u> ack <u>N</u> ext > Cancel

Keep a copy of the product key as you will need it to install SQL Server Reporting Services (SSRS). Click **Next** >.

5 Read the License Terms and click the I accept the license terms checkbox. Click Next >.



6 In the Microsoft Update window click Use Microsoft Update to check for updates (recommended). Click Next >.



7 The **Product Updates** window appears. Click the links to **Read our privacy statement online** or to **Learn more about SQL Server product updates**. Click **Next** >.

🃸 SQL Server 2019 Setup		_		×
Product Updates				
Always install the latest updat	es to enhance your SQL Server security and performance.			
Product Key License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Feature Configuration Rules Ready to Install Installation Progress Complete	There are no updates for SQL Server found online.		Check a	igain
	Read our privacy statement online Learn more about SQL Server product updates			
	< <u>B</u> ack <u>N</u> ext >		Cance	ł

8 The Install Setup Files window appears. If any update for SQL Server Setup is found and specified to be included, the update will be installed. A progress bar tracks the installation. Click Next >.

🃸 SQL Server 2019 Setup			_		\times
Install Setup Files					
If an update for SQL Server Set	up is found and specified to be included, t	he update will be installed.			
Product Key					
License Terms					
Global Rules	Task	Status			
Microsoft Update	Scan for product updates	Completed			
Product Updates	Download Setup files	Skipped			
Install Setup Files	Extract Setup files	Skipped			
Install Rules	Install Setup files	In Progress			
Feature Selection					
Feature Rules					
Feature Configuration Rules					
Ready to Install					
Installation Progress					
Complete					
		< <u>B</u> ack	<u>N</u> ext >	Cance	el l

9 At the Feature Selection window select the standard features to install, then click Next >.

髋 SQL Server 2019 Setup			- 0	×		
Feature Selection						
Select the Standard features to	install.					
Global Rules Microsoft Update Product Updates Install Setup Files	Looking for Reporting Service Eeatures: Instance Eastures	ces? <u>Download it fro</u>	m the web Feature description:			
Install Setup Files Install Rules Product Key License Terms Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Select All Unselect All Installation Progress Complete Shared feature directory: Shared feature directory (½86):	vices and Language	The configuration and operation of each instance feature of a SQL Server instance is isolated from other SQL Server instances. SQL Prerequisites for selected features: Already installed: Windows PowerShell 3.0 or higher To be installed from media: Disk Space Requirements Drive C: 1003 MB required, 115375 MB available	 			
	Select All Unselect All Instance root directory: Shared feature directory: Shared feature directory (<u>x</u> 86):	C:\Program Files\Microsoft SQL Server\ C:\Program Files\Microsoft SQL Server\ C:\Program Files (x86)\Microsoft SQL Server\				
			< <u>B</u> ack <u>N</u> ext > Cancel			

10 At the **Instance Configuration** window specify the name and instance ID for the instance of SQL Server. Instance ID becomes part of the installation path. Click **Next** >.

髋 SQL Server 2019 Setup					-	_		×
Instance Configuration	•							
Specify the name and instance	ID for the instance of S	QL Server. Instance ID I	pecomes part of the	installation	path.			
Product Key	O <u>D</u> efault instance							
License Terms Global Rules	Named instance:	AMICUS						
Microsoft Update								
Product Updates Install Setup Files	Instance <u>I</u> D:	AMICUS						
Install Rules		C) D	6.00L0		ucus.			
Feature Selection Feature Rules	SQL Server directory:	C:\Program Files\Mic	rosoft SQL Server\M	ISSQL15.AM	ICUS			
Instance Configuration	Installed instances:							
Server Configuration	Instance Name	Instance ID	Features	Edition		Versio	n	_
Database Engine Configuration								
Feature Configuration Rules								
Ready to Install								
Installation Progress								
Complete								
	1							
			<	<u>B</u> ack	<u>N</u> ext >		Cancel	

11 At the **Server Configuration** window specify the service accounts and collation configuration.

Click Next >.

🃸 SQL Server 2019 Setup				_		×
Server Configuration Specify the service accounts and	l collation configuration.					
Global Rules Microsoft Update Product Updates	Service Accounts Collation	use a separate account for each	SQL Server servic	:e.		
Install Setup Files	Service	Account Name	Password	Startu	o Type	
Install Rules	SQL Server Agent	NT Service\SQLAgent\$A		Autom	atic	~
Product Key	SQL Server Database Engine	NT Service\MSSQL\$AMI		Autom	atic	\sim
License Terms	SQL Server Browser	NT AUTHORITY\LOCAL		Autom	atic	\sim
Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Ready to Install Installation Progress Complete	Grant Perform Volume Mainte This privilege enables instant f to information disclosure by al <u>Click here for details</u>	nance Task privilege to SQL Sen file initialization by avoiding zers lowing deleted content to be ac	ver Database Eng oing of data page cessed.	ine Service	e y lead	
		< <u>B</u> ac	k <u>N</u> ext	>	Cance	el

12 At the **Database Engine Configuration** window specify Database Engine authentication security mode administrators, data directories, TempDB, Max degree of parallelism, Memory limits, and Filestream settings.

髕 SQL Server 2019 Setup		-		×
Database Engine Confi	guration			
Specify Database Engine auther parallelism, Memory limits, and	tication security mode, administrators, data directories, TempDB, Max degree of Filestream settings.			
parallelism, Memory limits, and Product Key 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 Ready to Install Installation Progress Complete	Server Configuration Data Directories TempDB MaxDOP Memory FILESTRE Specify the authentication mode and administrators for the Database Engine. Authentication Mode Image: Constraint of the Constraint of the Database Engine. Authentication Mode Image: Constraint of the Constraint of the Database Engine. Image: Constraint of the Database Engine. Mixed Mode (SQL Server authentication and Windows authentication) Image: Constraint of the SQL Server system administrator (sa) account. Image: Constraint of the Constend of the Constraint of the Constend of the Constraint of the Co	1 inistrators	have	
	Add <u>Current User</u> <u>A</u> dd <u>R</u> emove	t >	Cance	2

Enter a strong password for the SQL Server system administrator (sa) account in the **Enter password** field and enter the password again in the **Confirm password** field.

13 Click Add Current User, then click Next >.

14 At the Ready to Install window verify the SQL Server 2019 features to be installed. Click Next >.



15 At the **Installation Progress** window, a progress bar displays to track added installation modification modifiers.

髋 SQL Server 2019 Setup		-		×
Installation Progress				
Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Product Key License Terms Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Ready to Install Installation Progress Complete	Adding installation modification modifiers.			
		<u>N</u> ext >	Cano	:el

16 At the **Complete** window you are notified that *Your SQL Server 2019 installation completed successfully with product updates.* You can also view information about the Setup operation or possible next steps.

髋 SQL Server 2019 Setup			-		×
Complete Your SQL Server 2019 installa	tion completed successfully with product upda	tes.			
Global Rules	Information about the Setup operation or r	nossible nevt stens			
Microsoft Update	information about the setup operation of p	obsibile next steps.			
Product Updates	Feature	Status			_
Install Setup Files	Database Engine Services	Succeeded			
Install Puler	SQL Browser	Succeeded			
Desident Ken	SQL Writer	Succeeded			
Product Key	SQL Client Connectivity SDK	Succeeded			
License Terms	SQL Cheft Connectivity	Succeeded			
Feature Selection					
Feature Rules					
Instance Configuration	<u>D</u> etails:				
Server Configuration	Install successful.				
Database Engine Configuration					
Feature Configuration Rules					
Ready to Install					
Installation Progress					
Complete					
complete					
	Summary log file has been saved to the foll	owing location:			
	C:\Program Files\Microsoft SQL Server\150 backendaapen 20220922 140330.txt	\Setup Bootstrap\Log\20220922_1403	30\Summa	r <u>y vm-</u>	
				Clos	e

17 Click Close.

Upgrading an Existing SQL

1 Navigate to the SQL Server Installation Center.



- 2 Click **Upgrade from a previous version of SQL Server** to launch a wizard to upgrade a previous version of SQL Server to Server 2019.
- **3** Follow the onscreen instructions to complete the install. Many of the steps are the same as a new install.

4 At the **Select Instance** window select the instance of SQL Server to upgrade from the dropdown menu in the **Instance to upgrade** field. Select **Upgrade features** to upgrade only shared features. Click **Next** >.

🗑 Upgrade to SQL Server 2019					-		×
Select Instance							
Specify the instance of SQL S	erver to modify.						
Product Key License Terms Global Bules	Select the instance of features" and then clic Instance to upgrade:	SQL Server to upgradi :k next.	e. To upgrade only	shared features, sele	ect "Upgrad	le shared	
Product Updates	AMICUS		~				
Install Setup Files Upgrade Rules	Installed instances:						
Select Instance	Instance Name	Instance ID	Features	Edition	Ver	sion	
Reporting Services Migration	AMICUS	MSSQL12.AMICUS,	SQLEngine,RS	Standard	12.3	.6169.19	
Select Features	<shared compone<="" td=""><td></td><td>LocalDB</td><td></td><td>12.3</td><td>.6169.19</td><td></td></shared>		LocalDB		12.3	.6169.19	
Select Features Feature Rules Ready to Upgrade Upgrade Progress Complete							
				(<u>B</u> ack <u>N</u> e)	d >	Cancel	

5 The **Reporting Services Migration** window appears notifying you that Upgrading SQL Server will uninstall Reporting Services. Click **Next** >.



6 The **Select Features** window notifies you that it is not possible to change the SQL Server features to be upgraded in this release. The features are displayed in the main screen. Click **Next >**.

🗑 Upgrade to SQL Server 2019		-		_		×
Select Features						
It is not possible to change the	: SQL Server features to be upgraded in this release.					
Product Key License Terms Global Rules Product Updates Install Setup Files Upgrade Rules Select Instance Reporting Services Migration Select Features Instance Configuration Feature Rules Ready to Upgrade Upgrade Progress Complete	Eeatures: AMICUS Database Engine Services Reporting Services - Native (will be uninstalled) Shared Features Redistributable Features		Description:	for selec siled: s Powers t Visual :quiremo	ted featu Shell 3.0 c C + + 201 ents uired, 324	 or hig 7 Red > 417
		< <u>B</u> ack	<u>N</u> ext >		Cancel	

7 The **Instance Configuration** window specifies the name and instance ID for the instance of SQL Server. Instance ID becomes part of the initialization path. Click **Next** >.

Upgrade to SQL Server 2019						_		×
Instance Configuration								
opeening energiance and instance			ccomes pareo		, pagin			
Product Key	 <u>D</u>efault instance 							
License Terms Global Rules	Named instance:							
Product Updates Install Setup Files Upgrade Rules Select Instance	Instance <u>I</u> D:	AMICUS						
	-							_
Reporting Services Migration Select Features	SQL Server directory: C:\Program Files\Microsoft SQL Server\MSSQL15,AMICUS							
Instance Configuration	Installed instances:							
Feature Rules	Instance Name	Instance ID	Features	Edition	n 	Vers	ion	_
Ready to Upgrade	<shared compone<="" th=""><th>MISSQETZ.AMICOS,</th><th>LocalDB</th><th>Standa</th><th>ra</th><th>12.3.</th><th>6169.19</th><th>-11</th></shared>	MISSQETZ.AMICOS,	LocalDB	Standa	ra	12.3.	6169.19	-11
Upgrade Progress Complete		1	1					
				< <u>B</u> ack	<u>N</u> ext >		Cancel	

8 The **Ready to Upgrade** window verifies the SQL Server 2019 features to be upgraded. Click **Upgrade**.

Ready to Upgrade					
Verify the SQL Server 2019 fo	eatures to be upgraded.				
Product Key License Terms Global Rules	Upgrading SQL Server will uninstall Reporting Services. Ready to upgrade SQL Server 2019:				
Product Updates Product Updates Install Setup Files Upgrade Rules Select Instance Reporting Services Migration Select Features Instance Configuration Feature Rules Ready to Upgrade Upgrade Progress Complete	Summary Edition: Standard Action: Upgrade (Product Update) Prerequisites Already installed: Windows PowerShell 3.0 or higher Microsoft Visual C ++ 2017 Redistributable General Configuration Features Database Engine Services SQL Browser SQL Browser SQL Writer Instance configuration Instance Configuration Instance Directory: C:\Program Files\Microsoft SQL Server Shared component root directory				
	Configuration file path: C:\Program Files\Microsoft SQL Server\150\Setup Bootstrap\Log\20221124_172706\ConfigurationFile.ini				

9 At the **Upgrade Progress** window, a progress bar tracks the setting features install state. Click **Next** >.

🗟 Upgrade to SQL Server 2019		_		\times
Upgrade Progress				
Product Key License Terms Global Rules Product Updates Install Setup Files Upgrade Rules Select Instance Reporting Services Migration Select Features Instance Configuration Feature Rules Ready to Upgrade Upgrade Progress Complete	Setting feature install state.			
	<u>N</u> ex	t>	Cance	d .:

SQL Server Reporting Services (SSRS) 2019 Installation

1 A Microsoft SQL Server 2019 Reporting Services Welcome screen displays.



2 Scroll down and select the appropriate radio button to install either the free edition or **Enter the product key** in the field provided. Click **Next** >.

			_ ×
Μ	crosoft SQL Server 2019 F	Reporting Se	ervices
Chc	ose an edition to install		
⊙ Cl	noose a free edition:		
	Evaluation (expires in 180 days)	¥	
© Er	ter the product key:		
	PMBDC-FXVM3-T777P-N4FY8-PKFF4		
	Learn more		
	Cancel	< <u>P</u> revious	Next >

3 Review the license terms and select the I accept the license terms checkbox. Click Next >.



4 The Install Database Engine window displays. Click the Install Reporting Services only radio button. Click the link if you wish to Learn more about supported Database Engine versions and editions. Click Next >.



5 Accept the default Install location or Browse to another location. Click Install.



6 Progress bars appear to track your **Package progress**, Microsoft System CLR Types for SQL Server 2019 CTP 3.0 and **Overall progress**.



7 The **Setup completed** window appears when the setup has installed the files you need. You are now ready to configure your report server.



- 8 Select the **Configure manually and customize settings** radio button the Report Server Configuration Manager will start for you to configure your report server. Click the **Learn more** link if you require more information.
- 9 Click Configure report server.



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