

Install and Configure SQL

Last Modified on 05.22.25

Installing SQL is an optional step that can be skipped if you have a separate SQL instance that you will be using for your Recast Management Server database.

SQLExpress is used in these instructions for demonstration purposes. It can serve as a temporary database at the Proof-Of-Concept stage, but its limited size will not support web dashboard and dashboard trends in a Recast Management Server deployment. The steps for installing and configuring a licensed version of SQL will be similar.

To install SQLExpress:

1. Download SQLExpress from Microsoft. When you begin installation, you will be presented with the installation type screen. Select **Basic** installation.

2. Accept the SQL Server License Terms.

3. Choose the install location and click **Install**.

4. After installation completes, we recommend that you install SQL Server Management Studio (SSMS). To download SSMS from the Microsoft site, see Download SQL Server Management Studio (SSMS).

To change the network configuration:

1. Open SQL Server Configuration Manager.

2. Select **SQL Server Network Configuration** and double-click on **Protocols for SQL Express**.

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3. Select TCP/IP.

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 SQL Server Configuration Manager (Local) SQL Server Services SQL Server Network Configuration (32bit) SQL Native Client 11.0 Configuration (32l) SQL Server Network Configuration SQL Server Network Configuration Protocols for SQLEXPRESS SQL Native Client 11.0 Configuration 	Protocol Name Shared Memory Named Pipes	Status Enabled Disabled Disabled		
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4. Change **Enabled** to 'Yes'.

TCP/IP Properties		?	×
Protocol IP Addresses			
General			
Enabled Ye	s		-
Keep Alive Ye	5		
Listen All N	0		
Enabled Enable or disable TCP/IP protocol for th	is server instance		
OK Cancel	Apply	He	lp

5. Select the **IP Addresses** tab and scroll down to the **IPAII** section.

TCD/ID	Droportion	
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TCP Dynamic Ports	0	^
TCP Port		
IP3		
Active	Yes	
Enabled	No	
IP Address	::1	
TCP Dynamic Ports	0	
TCP Port		
IP4		
Active	Yes	
Enabled	No	
IP Address	127.0.0.1	
TCP Dynamic Ports	0	
TCP Port		
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TCP Dynamic Ports	0	
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6. Add port 1433 as the TCP Port (this is the standard port for SQL).

	TCP Dynamic Ports	0	^
	TCP Port		
Ξ	IP3		
	Active	Yes	
	Enabled	No	
	IP Address	::1	
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	TCP Port		
Ξ	IP4		
	Active	Yes	
	Enabled	No	
	IP Address	127.0.0.1	
	TCP Dynamic Ports	0	
	TCP Port		
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	TCP Dynamic Ports	0	
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7. You will need to stop and restart the service for changes to take effect. Return to the front page of the SQL Server Configuration Manager and right-click on the running SQL server instance. Select **Restart**.

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< >> Restart (stop and then start) selected service.	<	Restart Proper	rties		>

You are now ready to install the Recast Management Server.

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