

EDGE 10.7.7 Network Job Database Install

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Prerequisites

- 1. Have admin access to server where the database will be located.
- 2. Download Microsoft SQL Express 2012 with advanced services
- 3. Install SQL Express and SQL Management studio

Best Practices

- You will need to have a folder location on your network for your EDGE Job files.
- This must be a location that is mapped the same for all users and has full read/write access for all users.
- Do not put network job files on a local C drive or they will not be accessible to others.
- Backup the job folder on a regular basis.
- When naming your network job database include the word "jobs" in the name. This will avoid confusion between the estimating database and the jobs database.
- A dedicated SQL instance is recommended for EDGE Databases. Name the instance so that it is clear what it is for (example; EDGENETWORK)



Installing SQL Express on a server

- 1. Double click setup.exe from the download
- 2. Click on the "New SQL Server stand-alone installation"

1 SQL Server Installation Center	
Planning Installation	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.
Tools	Upgrade from SQL Server 2005, SQL Server 2008 or SQL Server 2008 R2
Resources	Launch a wizard to upgrade SQL Server 2005, SQL Server 2008 or SQL Server 2008 R2 to SQL Server 2012.
Options	
SQL Server 2012	

3. Click next

📸 SQL Server 2012 Setup						
Product Updates						
Always install the latest update	s to enhance y	our SQL Server security and	performance.			
Product Updates Install Setup Files	There are	e no updates for SQL Server	found online.			Check again
	Read our pri	vacy statement online				
	Learn more a	about SQL Server product up	odates			
				< Back	Next >	Cancel



4. Click Install



5. Check "Perform a new installation of SQL Server 2012" and then click Next.



6. Accept the license terms and click Next.





- 7. Everything will be checked by default, click on the "Unselect All" button.
- 8. Check "Database Engine Services"
- 9. Click Next

髋 SQL Server 2012 Setup	1 c - ball		
Feature Selection Select the Express features to in	stall.		
Setup Support Rules Installation Type License Terms Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress	Features: Database Engine Services Debugge Services Debugge Services Representation Full-Text and Semantic Extractions for Search Reporting Services - Native Shared Features SQL Server Data Tools Documentation Components Management Tools - Basic SQL Client Connectivity SDK LocalDB Redistributable Features	Feature description: The configuration and operation of each instance feature of a SQL Server instance is isolated from other SQL Server instances. SQL Server instances can operate side-by- side on the same computer. Prerequisites for selected features: Already installed: Microsoft .NET Framework 4.0 Windows Power/Shell 2.0 Microsoft .NET Framework 3.5	
	Select All Unselect All c.\Program Files\Micros Shared feature directory: c.\Program Files\Micros Shared feature directory (x86): c.\Program Files (x86)\\\ < Back		

- 10. Check the "Named Instance" box.
- 11. Delete the name "SQLExpress" and type a new name (it is recommended that you name the instance "EDGENETWORK")

📸 SQL Server 2012 Setup				- 7 I	
Instance Configuration Specify the name and instance	I ID for the instance of SC	2L Server. Instance ID I	pecomes part of the in	stallation path.	
Setup Support Rules Installation Type License Terms	 Default instance Named instance: 	SQLExpress			
Feature Selection Installation Rules Instance Configuration Disk Space Requirements Senser Configuration	Instance ID: Instance root directory	SQLEXPRESS	∕licrosoft SQL Server∖		
Database Engine Configuration Error Reporting Installation Configuration Rules	SQL Server directory: Installed instances:	C:\Program Files\N	licrosoft SQL Server\M	ISSQL11.SQLEXPR	ESS
Installation Progress	Instance Name	Instance ID	Features	Edition	Version
Complete	SQL2012	MSSQL11.SQL2012	SQLEngine, SQLEn	Express	11.0.2100.60
	THEEDGE	MSSQL11.THEEDGE	SQLEngine	Express	11.1.3153.0
	SQL2008	MSSQL10_50.SQL2	SQLEngine	Express	10.50.1600.1
	ACT7	MSSQL10_50.ACT7	SQLEngine	Express	10.51.2500.0
	<shared compone<="" th=""><th></th><th>SSMS</th><th></th><th>11.0.2100.60</th></shared>		SSMS		11.0.2100.60
	<shared compone<="" th=""><th></th><th>LocaIDB</th><th></th><th>11.1.3153.0</th></shared>		LocaIDB		11.1.3153.0
			< Back Nex	t > Can	cel Help



SQL Server 2012 Setup Instance Configuration					
Specify the name and instance Setup Support Rules Installation Type	Default instance	EDGENETWORK	becomes part of the in	stallation path.	
License Terms Feature Selection Installation Rules		EDGENETWORK			
Instance Configuration Disk Space Requirements	Instance ID: Instance root directory	c:\Program Files\	Microsoft SQL Server\		
Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules	SQL Server directory: Installed instances:	C:\Program Files\N	licrosoft SQL Server∖M	ISSQL11.EDGENE	TWORK
Installation Progress	Instance Name	Instance ID	Features	Edition	Version
Complete	SQL2012	MSSQL11.SQL2012	SQLEngine, SQLEn	Express	11.0.2100.60
	THEEDGE	MSSQL11.THEEDGE	SQLEngine	Express	11.1.3153.0
	SQL2008	MSSQL10_50.SQL2	SQLEngine	Express	10.50.1600.1
	ACT7	MSSQL10_50.ACT7	SQLEngine	Express	10.51.2500.0
	<shared compone<="" td=""><td></td><td>SSMS</td><td></td><td>11.0.2100.60</td></shared>		SSMS		11.0.2100.60
	<shared compone<="" td=""><td></td><td>LocalDB</td><td></td><td>11.1.3153.0</td></shared>		LocalDB		11.1.3153.0
	Sack Next > Cancel Help				

12. Make sure both services are set to "Automatic"

🐮 SQL Server 2012 Setup			1	
Server Configuration				
Specify the service accounts and	collation configuration.			
Setup Support Rules	Service Accounts Collation			
Installation Type License Terms	Microsoft recommends that you	use a separate account for each	SQL Server servic	:e.
Feature Selection	Service	Account Name	Password	Startup Type
Installation Rules	SQL Server Database Engine	NT Service\MSSQL\$EDG		Automatic 💌
Instance Configuration	SQL Server Browser	NT AUTHORITY\LOCAL		Automatic 💌
Disk Space Requirements				
Server Configuration				
Database Engine Configuration				
Error Reporting				
Installation Configuration Rules				
Installation Progress				
Complete				
•				
		< Back Next :	Canc	el Help

13. Click Next



 If this is a domain network, select "Windows authentication mode". If it is a peer to peer network, select "Mixed Mode" and create a password. make sure document the password
 Under "Specify SQL Server administrators, click Add

📸 SQL Server 2012 Setup		
Database Engine Config Specify Database Engine authen	guration tication security mode, administrators and data directories.	
Setup Support Rules Installation Type License Terms Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress	Server Configuration Data Directories User Instances FILESTREAM Specify the authentication mode and administrators for the Database Engine. Authentication Mode Image: Configuration M	
Complete	edgeestimating\roland (Roland Miles) SG Add Current User Add Remove Sack Next >	L Server administrators ve unrestricted access the Database Engine. ancel Help

16. Type in "everyone"

iject Types
ject Types
ocations
neck Names
Cancel

- 17. Click OK
- 18. Leave everything else default and click Next.





- 19. Click Next again.
- 20. The installation should now begin, this may take several minutes to complete.

🕵 SQL Server 2012 Setup		411 7 1	
Installation Progress			
Setup Support Rules Installation Type License Terms Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Install_sql_engine_core_inst_Cpu64_Action		
		Next > Ca	ncel Help



21. Click Close.

1 SQL Server 2012 Setup				
Complete Your SQL Server 2012 installation	on completed successfully with product t	updates.		
Setup Support Rules Installation Type License Terms Feature Selection	Information about the Setup operation Feature Database Engine Services	n or possible next steps: Status Succeeded		
Installation Rules Instance Configuration Disk Space Requirements Server Configuration				
Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress	Details: Viewing Product Documentation	n for SQL Server		A III
Complete	Only the components that you use been installed. By default, the Help SQL Server, you can use the Help your local computer. For more info http://go.microsoft.com/fwlink/?Li	to view and manage the docume o Viewer component uses the onli Library Manager component to di rmation, see <u>Use Microsoft Books</u> nkID=224683>.	ntation for SQL Serve ne library. After insta ownload documentati s Online for SQL Ser	er have Illing on to <u>ver</u>
	Summary log file has been saved to th <u>C:\Program Files\Microsoft SOL Server</u> <u>\Summary TDTRM1 20140925 1125</u>	e following location: \ <u>110\Setup Bootstrap\Log\201409;</u> <u>06.txt</u>	2 <u>5 112506</u>	
			Close	Help

22. Close the SQL Server Installation Center window.



Configuring SQL

- 1. Click Programs\Microsoft SQL Server 2012\Configuration tools\SQL Server Configuration Manager.
- 2. Click SQL Server Network Configuration.

🚡 Sql Server Configuration Manager
File Action View Help
🗢 🔿 🚈 🗟 🛛
 SQL Server Configuration Manager (Local) SQL Server Services SQL Server Network Configuration (32bit) SQL Native Client 11.0 Configuration (32b) SQL Server Network Configuration SQL Server Network Configuration

3. Double click on "Protocols for EDGENETWORK" (or the name you gave your instance)



- 4. Right Click on "Named Pipes" and choose "Enable"
- 5. Right Click on "TCP\IP" and choose "Enable"
- 6. Click "SQL Server Services"
- 7. Right Click on SQL Server (EDGEJOBS)
- 8. Click "Restart"
- 9. Click on "Protocols for EDGEJOBS"
- 10. Right Click on TCP\IP
- **11. Click Properties**



CP/IP Properties	8 23
Protocol IP Addresses	
General	
Enabled	Yes 💌
Keep Alive	30000
Listen All	Yes
Enabled Enable or disable TCP/IP pro	stocol for this server instance
OK	Cancel Apply Help

- 12. Click the "IP Addresses" Tab
- 13. Scroll to the bottom of the list and make a note of the TCP Dynamic Ports number.

	TCD Dura mia Danta	0	
	TCP Dynamic Ports	0	- î
-	Active	Vec	
	Enabled	No	
	IP Address	fe80::5efe:192.168.129.104%13	
	TCP Dynamic Ports	0	
	TCP Port	-	
Ξ	IP6		
	Active	Yes	
	Enabled	No	
	IP Address	fe80::100:7f:fffe%10	
	TCP Dynamic Ports	0	
	TCP Port		=
٩	τραιι		
I	TCP Dynamic Ports	60616	
	ICP POR		
_			
A	ctive		
In	dicates whether the selected I	IP Address is active.	

14. Open the server firewall and put an exception for the port number noted in step 13.



Creating the Job Database

1. Copy the Utility folder from The EDGE installation package onto the server desktop.

7/7/2014 12:45 PM	File folder
7/7/2014 12:45 PM	File folder
8/28/2014 4:23 PM	File folder
9/2/2014 12:52 PM	File folder
7/7/2014 12:47 PM	File folder
7/7/2014 12:48 PM	File folder
9/3/2014 4:29 PM	Adobe Acrobat D
8/29/2014 3:26 PM	Adobe Acrobat D
8/29/2014 4:38 PM	Adobe Acrobat D
6/1/2005 11:51 AM	Setup Information
8/4/2014 9:27 AM	Application
9/27/2013 10:57 AM	Text Document
	7/7/2014 12:45 PM 7/7/2014 12:45 PM 8/28/2014 12:45 PM 9/2/2014 12:52 PM 7/7/2014 12:47 PM 7/7/2014 12:48 PM 7/7/2014 12:48 PM 7/7/2014 12:48 PM 7/7/2014 12:48 PM 7/7/2014 12:48 PM 9/3/2014 12:48 PM 8/29/2014 3:26 PM 8/29/2014 3:26 PM 8/29/2014 4:38 PM 6/1/2005 11:51 AM 8/4/2014 9:27 AM 9/27/2013 10:57 AM

2. Open the Utility folder and double click CreateJobDatabase.

🖳 Create The EDO	GE 10.7.7 Job Database
Instance name:	EDGENETWORK -
Authentication:	Windows Authentication
User name:	
Password:	
D.L	
Database name:	Jobs
Data file name:	C:\EDGE Databases\Jobs
	Create Close

- 3. Click on the dropdown for Instance name and select the EDGEJOBS instance.
- 4. Choose Authentication based on how you installed the SQL instance.
- 5. Click the ellipsis button (three dotted button) for Data file name
- 6. Choose the folder you want your jobs database in (it is recommended to create an EDGE Jobs database folder). In the File name box enter the database name and click Save.
- 7. In the Database name box enter the database name.



💀 Create The ED	GE 10.7.7 Job Database
Instance name:	EDGENETWORK -
Authentication:	Windows Authentication 🔹
User name:	
Password:	
Database name:	Network jobs
Data file name:	C:\EDGE Databases\Network jobs
	Create Close

8. Click Create.

1	The EDGE 10.7.7	23
	The database has been created successfully	/.
	ОК	

You are now ready to open your network jobs database on the workstation.