Detailed Setup of MySQL for Synergy Matters

Synergy Matters uses a MySQL database for storing client and transaction data. MySQL will have to be installed on a server within your network or on your workstation for testing purposes. The download page for MySQL is located here: <u>http://dev.mysgl.com/downloads/</u>

At time of this writing the latest GA MySQL database server can be downloaded from the following link: <u>http://dev.mysql.com/downloads/installer/5.6.html</u>

You have a choice of downloading the entire installer or use the compact web based version. The compact web version is the easiest <u>http://dev.mysql.com/get/Downloads/MySQLInstaller/mysql-installer-web-community-5.6.13.0.msi/from/http://cdn.mysql.com/</u>

For details on installing mysql on windows follow this link. It will cover specifics such as exclusions in your antivirus software and more. <u>http://dev.mysql.com/doc/refman/5.7/en/windows-installation.html</u>

Once you have downloaded the MySQL installer you can run it on your server to perform the install.

The following pages are a step by step guide of the installation wizards that you will see and the settings that you should select.

MySQL step by step guide for Synergy Matters



Click "Install MySQL Products" to begin the installation process.



Click Execute and the "Connect to the internet" and "Fetch product update information" will flash green as they are performed.



Once operations are complete click Next.

	MySQL Installer	- • ×
MySQL. Installer	Choosing a Setup Type Please select the Setup Type that sui	ts your use case.
Find latest products Setup Type	Developer Default Installs all products needed for MySQL development purposes. Server only	Setup Type Description Allows you to select exactly which products you would like to install. This also allows to pick other server versions and architectures (depending on your OS).
Feature Selection Check Requirements Installation	 Octive only Installs only the MySQL Server product. Client only Installs only the MySQL Client 	
Configuration Complete	products, without a server. Full Installs all included MySQL products and features.	Installation Path:
	Custom Manually select the products that should be installed on the system.	Data Path: 🔄 C:\ProgramData\MySQL\MySQL Server 5.6\ 🗌
		< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel

Select Custom so you can select only the components that are required.



Check Off "MySQL Server" and "Server data files" uncheck everything else and click next.



Click Next.

2		MySQL Installer		- □ ×					
My	SQL. Installer	Installation Progress The following products will be installed or updated.							
		Product	Status	Progress Notes					
Find la	atestproducts	MySQL Server 5.6.13	To be installed						
Setup	Туре								
Featu	re Selection								
Check	Requirements								
Instal	lation								
Config	guration								
Comp	lete								
		Click [Execute] to install or update the follow	ving packages						
			< <u>B</u> ack <u>E</u> xe	cute <u>C</u> ancel					

You should see the MySQL Server version that will be installed. Click Execute to proceed.

MySQL Installer – 🗆								
Installation Progress The following products will be installed or updated.								
Product	Status	Progress	Notes					
NySQL Server 5.6.13 😥	Installing							
Show Details >								
	< <u>B</u> ack	Next >	<u>C</u> ancel					
	MySQL Installer Installation Progress The following products will be installed or Product Product MySQL Server 5.6.13 Show Details >	Installation Progress The following products will be installed or updated. Product Status Image: Status	MySQL Installer Installation Progress The following products will be installed or updated. Product Status Progress Image: Status Progress Image: Status Progress Image: Status MySQL Server 5.6.13 Imstalling Image: Status Image: Status Status Progress Image: Status Image: Status Image: Status Status Progress Image: Status Image: Status Image: Status Image: Status Image: Status Image: Status Image: Status Image: Status Image: Status Image: Status Image: Status					

The MySQL Server will be downloaded and installed.

2		MySQL Installer		- 🗆 ×					
	MySQL. Installer	Installation Progress The following products will be installed or updated.							
		Product	Status	Progress Notes					
	Find latest products	MySQL Server 5.6.13	Install success						
	Setup Type								
	Feature Selection								
	Check Requirements								
	Installation								
	Configuration								
	Complete								
		Show Details >							
			< <u>B</u> ack	Next > Cancel					

After Installation Success click Next.

	MySQL Installer		- 🗆 🗙
MySQL. Installer	Configuration Overview The following products will now b		
	Product	Action to be performed	Progress
Find latest products	🏟 📐 MySQL Server 5.6.13	Initial Configuration.	
Setup Type			
Feature Selection			
Check Requirements			
Installation			
Configuration			
Complete			
	Show Details >		
		< Back Next >	<u>C</u> ancel

Click Next to proceed to Initial Configuration.



If your server is being shared for multiple duties such as a workstation that is being used to evaluate the software or a file server that will also host the MySQL server then select "Server Machine". You can leave the port number as 3306 unless you have a reason to change it. "Open Firewall port for network access" can be left checked. Check off "Show Advanced Options" and click Next.



If you have a server that is essentially dedicated for the MySQL database then select "Dedicated Machine".

You can leave the port number as 3306 unless you have a reason to change it. "Open Firewall port for network access" can be left checked. Check off "Show Advanced Options" and click Next.

2		MySQL Installer	_ 🗆 🗙
	MySQL. Installer	MySQL Server Configuration	2 / 4
		Root Account Password	
		Enter the password for the root account. Please remember to store this password in a secure place.	
	Find latest products	Current Root Password: ••••••]
	Setup Type	MySQL Root Password:]
	Feature Selection	Repeat Password:]
	Check Requirements	Password Strength: Weak	
	Installation	MySQL User Accounts	
	Configuration	Create MySQL user accounts for your users and applications.	
	Complete	Assign a role to the user that consists of a set of privileges.	
		MySQL Username Host User Role	Add User
			<u>E</u> dit User
			Delete User
		< Back Next >	Cancel
			gunder

Enter a Root Password as the master password for your MySQL database.

MySQL User Details				
Please specify the usernar	ne, password, and database role.			
Usemame	e sm			
Server Hos	t <all (%)="" hosts=""> V</all>			
Role	e DB Admin 🗸			
Authentication MySQL				
Password	•••••			
Confirm Password	•••••			
	Password Strength: Weak			
	<u>O</u> K <u>C</u> ancel			

Add an additional user for Synergy Matters to use for connecting to the database and set it as DB Admin. By default Synergy Matters uses "sm" as a username and "smpass" as a password.

2			MySQL Installer			- 🗆 🗙
	MySQL. Installer	MySQL Serv	2 / 4			
		Root Accoun	t Password			
			Enter the password for the r this password in a secure pla	oot account. Place.	ease remember to store	
	Find latestproducts	root	Current Root Passwor	d: •••••		
	Setup Type		MySQL Root Password	•••••		
	Feature Selection		Repeat Password:	•••••		
	Check Requirements			Passwo	rd Strength: Weak	
	Installation	MySQL User	Accounts			
	Configuration		Create MySQL user account:	s for your users	and applications.	
	Complete		Assign a role to the user tha	t consists of a se	et of privileges.	
			MySQL Username	Host	User Role	Add User
			sm sm	%	DB Admin	<u>E</u> dit User
						<u>D</u> elete User
				< Rat	k Next >	Cancel

Click Next after adding the new user.



You can leave the default Windows Service Name or enter your own. Check off "Start the MySQL Server at System Startup and leave "Standard System Account" selected. Click next to have MySQL configure the background service.

	MySQL Installer – 🗆 🗙
MySQL. Inst	aller MySQL Server Configuration 4 / 4
	Logging Options
Find latest products	Please select the logs you want to activate for this server in addition to the Error Log. On production machines it can be benefitial to separat the log files from the data.
Setup Type	Error Log: WIN8OFFICE2010.err
Feature Selection	General Log
Check Requirements	should only be used to track down issues.
Installation	File Path: WIN80FFICE2010.log
Configuration	✓ Slow Query Log The slow query log consists of SQL statements that took more than the given
Complete	Value of seconds to execute. It is recommended to turn this log on. File Path: WIN80FFICE2010-slow.log Seconds: 10
	Bin Log The binary log contains all database events and is used for replication and data recovery operations. It has a performance impact on the server. Only a filename base should be given as the server will append an approriate extension File Path: WIN80FFICE2010-bin Back Next >

You can leave the log settings as is or change them to your liking. Click Next to continue.

MySQL Installer						
MySQL. Installer	Configuration Overview The following products will now t					
	Product	Action to be performed	Progress			
Find latest products	intersection MySQL Server 5.6.13	Configuring Product.				
Setup Type						
Feature Selection						
Check Requirements						
Installation						
Configuration						
Complete						
	Show Details >					
		< <u>B</u> adk <u>N</u> ext >	Cancel			

You MySQL will proceed to configure the windows service.

	MySQL Installer	- 🗆 🗙
MySQL. Installer	Installation Complete The installation procedure has been completed.	
Find latest products Setup Type Feature Selection	Cgpy Log to Clipboard	
Check Requirements Installation		
Configuration Complete		
	< <u>B</u> ack Einish	<u>C</u> ancel

Once completed you should see this screen. Click Finish to finalize the installation wizard.

₩			Та	sk Mana	ager			- 🗆 🗾	×
<u>F</u> ile <u>O</u> ptions <u>V</u> iew	<u>File Options View</u>								
Processes Performance App history Startup Users Details Services									
Name	PID	Description					Status	Group	^
🔍 LanmanServer	856	Server					Running	netsycs	-
	1044	Workstation					Running	NetworkService	
@ Iltdsvc		Link-Laver To	opology D)iscoverv l	Mapper		Stopped	LocalService	
	824	TCP/IP NetB	OS Helpe	r	happen		Running	LocalServiceN	
Q ISM	664	Local Session	Manage	r			Running	Dcoml aunch	
Microsoft SharePoint Work		Microsoft Sh	arePoint \	Norkspace	e Audit Service		Stopped		
G MMCSS		Multimedia (Class Sche	duler			Stopped	netsycs	
G MpsSvc	1264	Windows Fire	ewall				Running	LocalServiceN	
G MSDTC		Distributed T	ransactio	n Coordin	ator		Stopped		
G MSISCSI		Microsoft iS0	SI Initiato	or Service			Stopped	netsycs	
© msiserver		Windows Installer			Stopped				
MvSQL56	1708	MySQL56					Running		
anapagent .		Network Acc	ess Prote	tion Age	nt		Stopped	NetworkService	
(NcaSvc		Network Cor	nectivity	Assistant			Stopped	NetSvcs	
Contraction NcdAutoSetup	1264	Network Cor	nected D	evices Aut	to-Setup		Running	LocalServiceN	
Netlogon		Netlogon					Stopped		
(Netman		Network Cor	nections				Stopped	LocalSystemN	
anetprofm .	928	Network List	Service				Running	LocalService	
NetTcpPortSharing		Net.Tcp Port	Net.Tcp Port Sharing Service				Stopped		
S NIaSvc	1044	Network Loc	ation Awa	reness			Running	NetworkService	U
Fewer <u>d</u> etails 🍇 Open S	ervices						-		

If you like you can open task manager and you should see the "MySQL" service running with the name you used in the setup wizard.