

SMDR+ V1.9.0 Installing MySQL Server 5.1

March 2011





Introduction

This document covers how to install and configure MySQL Server 5.1 for use with SMDR+. This document can be applied to other versions of MySQL but note that some screens/options may be different.

IMPORTANT! – Whilst every effort has been made to cover all aspects of installation, this guide may not include changes made by the MySQL development team. Please read all screens carefully to ensure you understand each stage of the process. Steven Baxter does not accept any liability for damage or loss of data as a result of following this guide.

The settings selected during this installation process are the ones that enable easy installation of SMDR+. It is advised to tweak these settings for security if you are installing on your live network.

Downloading MySQL Server

To begin the process, start an internet browser (such as Internet Explorer) and go to <u>www.mysql.org</u>. When the page has loaded, click **Downloads** at the top:



On the next page, select '**MySQL Community Server**' in the left hand menu.



Please report any bugs or inconsistencies you observe to our Bugs Database.

When the page has loaded, scroll down until you see the section marked 'Select Platform'. Select the download button next to the download marked as 'Windows (x86, 32-bit), MSI Installer Essentials – Recommended'





On the login page, scroll down until you see blue text marked '**No thanks**, just take me to the downloads!' Click this text link.

On the screen with a list of download locations, select any of the HTTP ones in the list. You will then be asked to save the file to a location. Save it to your desktop for ease of access.

Once downloaded, double click the file to begin installing, make sure you are logged in to the computer with an account that has Administrator access. When loaded, click next:



Click to accept the license agreement then click next:



Select Typical and then click next:







Click Install. This process may take several minutes to complete. After installation is complete, click next to the advertising until you see this screen:



Make sure the configure MySQL box is ticked and click Finish. Next you will see the MySQL Configuration Wizard, click next:



Select Detailed Configuration and click next:







Select Server Machine and click next:



Click Next to the InnoDB Table Space settings screen. Select Decision Support and click next:

MySQL Server Instance Configuration Wizard				
MySQL Server Instance Configuration Configure the MySQL Server 5.1 server instance.				
Please set the approximate number of concurrent connections to the server. • Decision Support (DSS)/OLAP Select this option for database applications that will not require a high number of concurrent connections. A number of 20 connections will be assumed. Online Transaction Processing (OLTP) Choose this option for highly concurrent applications that may have at any one time up to 500 active connections such as heavily loaded web servers. 				
Manual Setting Please enter the approximate number of concurrent connections. Concurrent connections: I5 < Back				





Ensure ALL options are ticked on the networking screen, enter 3306 in the port box and click next:

	MySQL Server Instance Configu	ration Wizard	—			
	MySQL Server Instance Configu	ration				
	Configure the MySQL Server 5.1 se	rver instance.				
	Please set the networking options.		<u> </u>			
	Fnable TCP/IP Networking					
	Enable this to allow	v TCP/IP connections. When disabled, or	nly local			
	connections throug	,h named pipes are allowed.				
	Port Number: 330	D6 🔽 🔽 Add firewall exception	for this port			
	Pleace set the server SOL mode					
	This option forces	the server to behave more like a traditio	nal			
	database server. I	t is recommended to enable this option.				
		< Back Next >	Cancel			
Select Standard C	haracter Set and	l click next:				
	MySQL Server Instance Configu	ration Wizard				
	MySQL Server Instance Configur	ation				
	Configure the MySQL Server 5.1 se	rver instance.				
	Please select the default character	set.				
	Standard Character Set					
	Hello! Makes Latin1 the d	efault charset. This character set is suite	ed for			
	English and other v	vest European languages.				
	Make UTF8 the default character set. This is the recommended					
	Character sector sconing text in many universitianguages.					
	C Manual Selected Default Ch					
	Please specify the	character set to use.				
	Character Set:	latin1				
			1			
		<back next=""></back>	Cancel			
Again select ALL	options on the W	indows settings	screen ar	nd click next:		
	MySQL Server Instance Configu	ration Wizard				
	MySQL Server Instance Configu					
	Configure the MySQL Server 5.1 se	rver instance.				
	Please set the Windows options.					
	✓ Install As Windows Service					
	This is the recomme	ended way to run the MySQL server				
	Const off windows.					
	Service Name:	MySQL 💌				
		☑ Launch the MySQL Server automati	ically			
	✓ Include Bin Directory in Windows PATH					
	Check this option to					
	so they can be call					
	Rack Nexts Carcel					
		Next 2	Cancer			





Enter a password in both boxes for the root account. Also tick the box for root access from remote machines and click next:

MySQL Server I	nstance Configurati	on Wizard			
MySQL Server Configure the	Instance Configuration MySQL Server 5.1 server	on instance.	٢		
Please set the security options.					
✓ Modify Security Settings					
	New root password:	*****	Enter the root password.		
root	Confirm:	*****	Retype the password.		
I ⊂ Enable root access from remote machines					
Create An Anonymous Account This option will create an anonymous account on this server. Please note that this can lead to an insecure system.					
		< Back	Next > Cancel		
	_	- Dack	Cancer		

Press Execute to begin applying the settings we have selected. Press Finish once the settings have been saved. MySQL Server installation is now complete.

Summary

This guide should hopefully have helped you to install MySQL 5.1 onto your computer ready for installing the SMDR+ Call Accounting software. For further information on installing SMDR+, please consult the SMDR+ User Guide, available either on the website or included in the SMDR+ download.

Thank you for being an SMDR+ user!

Steve Baxter SMDR+ Developer