Preparing Horizon Client Workstations for MSSQL Migration

The Valley Library Consortium will be migrating the back-end database used with Horizon from Sybase to Microsoft SQL (MSSQL) on July 4, 2023.

All computers running the Horizon staff client will need to have SirsiDynix's MSSQL client software installed, configured, and tested by June 30. We encourage you to start this process as soon as possible. This configuration also includes a change to the database server password. Please call the VLC to get the new password for your login.

Please notify the VLC when you have completed the installations Please notify the VLC when you have completed the installations by sending an email to <u>help@vlc.lib.mi.us</u>.

VLC member libraries may also need to add a firewall rule to allow outbound connections to the new server at address 198.111.204.4, TCP port 1433.

If you have any questions or if you would like assistance, please contact the VLC at <u>help@vlc.lib.mi.us</u> or 989-497-0925.

Part 1: Download and run MSSQL Client.exe

Download the MSSQL client installation program for the VLC Web site:

https://www.valleylibrary.org/wp-content/uploads/VLC-MssqlClient.zip

You should not need to log in to the Web site.

Extract the file to the desktop.

Right-click "MssqlClient.exe" and choose "Run as Administrator" to install the MSSQL client. When prompted, enter your Windows administrator credentials.



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At the "Welcome to InstallShield Wizard" window, click "next."



In the "Select Features" windows, verify that only "Connectivity Tools" is checked and click "next."



Click "Install"

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Click "Finish."

Part 2: Configure the Client Network Utility

Launch "Client Network Utility" from Start > Microsoft SQL Server > Client Network Utility



If prompted, enter the administrator credentials.

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🙈 SQL Server Client Network Utility	y			×
General Alias DB-Library Options	Network Libraries			
Disa <u>b</u> led protocols: Named Pipes TCP/IP	Enable >> << Disable	Enabled proto	ocols by order:	_
Force protocol encryption		↑ ↓	Properties	
Enable shared <u>m</u> emory protocol				
	ОК	Cancel	<u>A</u> pply	Help

Click the "Alias" tab

💐 SQL Server (Client Network Utility		×
General Alias	DB-Library Options Net	work Libraries	
Server alias co	nfigurations		
Server alias	Network library	Connection parameters	_
			A <u>d</u> d
			<u>R</u> emove
			Edit
<			>
		OK Cancel	Apply Help

Click "Add"

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🖗 Add Network Library Conf	iguration	;
Server alias:	VLCHorizon	
Network libraries	Connection parameters	
C Named Pipes	Server name:	VLCHorizon.vlc.lib.mi.us
TCP/IP		
C Multiprotocol	Dynamically determine port	
C NWLink IPX/SPX	Port number:	1433
C AppleTalk		1
C Banyan VINES		
C VIA		
C Other		

Enter Server Alias: "VLCHorizon"

Select Network libraries: "TCP/IP"

Server Name: vlchorizon.vlc.lib.mi.us

Uncheck "Dynamically determine port"

Verify Port number: "1433"

Click "OK"

💐 SQL Server Client Network Utility

General Alias	DB-Library Options	Network Libraries		
Server alias co	o <u>n</u> figurations			
Server alias	Network library	Connection parameters		
VLCHorizon	TCP/IP	vlchorizon.vlc.lib.mi.us,143	33	
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		OK Cancel	Apply	Help

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Click "OK" to close the Client Network Utility.

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Part 3: Create a Second Horizon Shortcut for MS-SQL

Create a second Horizon shortcut on the desktop that points to the VLC Horizon MSSQL database. This shortcut will be used to verify that the connection to the new server and database is working correctly. After the July 4 system migration is completed, users will use this connection.

Copy the Horizon desktop shortcut. Then paste a new copy on the desktop.

Rename to "USE ON JULY 5"

Right click the new shortcut \rightarrow select Properties

In the "Target," add the switch **/@M** to the end. This tells Horizon to use the MSSQL server settings configured in Part 2 of these instructions instead of the Sybase settings. There must be a space between the target name and the switch. If the path in "Target" is in quotation marks, the add /@M outside the quotations marks.

Security	Details	Previous Versions			
General	Shortcut	Compatibility			
Horizon 7.5.6					
Target type:	Application				
Target location	: Horizon				
<u>T</u> arget:	les (x86)\SirsiDynix\Horizon\Launcher.exe'' /@M				
<u>S</u> tart in: Shortcut <u>k</u> ey:	"C:\Program Files (x86)\SirsiDynix\Horizon" None				
<u>R</u> un:	Normal window	Normal window ~			
Comment:	I				
Open File Location Change Icon Advanced					

Click "OK"

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Part 4: Test Log in to Horizon MS-SQL Database with New Shortcut

Before proceeding with this part, make sure that you have received your Login and Password for the new database from the VLC.

Launch Horizon using the new "USE ON JULY 5" desktop shortcut.

When you launch Horizon from this shortcut, you will need to enter the new server password. Contact the VLC if you need the new credentials. You may need to re-enter this information one time for each Windows users in order to save it.

Co	opyright 2020 Sirs	i Corporation. All rights res	served.
User:	search	Server:	•
Password:	****	Database:	

Click the "Server" button.

Server Login Informat	tion	×
Server:	VLCHorizon	•
Login:		
Password:		
	OK	Cancel

Select "VLCHorizon" from the server list, enter the Login and Password, and click OK.

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Copyright 2020 Sirsi Co	rporation. A	ll rights reserved.	
User: search	Server:	VLCHorizon 🔹	
Password: ******	Database:	horizon 💌	
OK Options	Serv	er Cancel	

Log in with a test user.

Horizon Username: search

Password: Tryvlc7!

Click OK.



Ignore the "Middle tier" error and click "OK."

Once Horizon loads, verify that the name in the top left corner is "Valley Library Consortium—SQL". The test user has no privileges, so the navigation bar will be empty.

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Select File -> Exit to close Horizon.

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	SirsiDyn	ix [®] Horizon 7.5.6
	Copyright 2020 Sirsi Co	prporation. All rights reserved.
<u>U</u> ser:	kdunker	Server:
Password:		Database:
0	K <u>O</u> ptions	Ser <u>v</u> er Cancel

Log in using the original shortcut to Horizon and set the Server and Database. You should not need to enter a server password to log into Horizon with the original shortcut.

Email <u>help@vlc.lib.mi.us</u> to let us know that you have completed the installations.