Setting up network access to the RentalPoint database on the server

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Overview

RentalPoint recommends the full version of SQL Server; and minimally the 2008 version. A free version is available online (SQL Express), however it limits the size of a database to 1 GB. SQL Express also will not utilize multiple CPU's, should the server have them, resulting in a possible degradation of performance.

Windows User Group

A Windows User Group is recommended for providing access to the database. A default installation of SQL Server restricts remote access to the server instance. Default database roles and privileges need to be opened up to all RentalPoint users. Both NT Authentication and SQL Authentication logins are supported. These changes are generally made using the Microsoft SQL Server Management Studio utility, available for download online.

Computer Management						
File Action View Help	File Action View Help					
🜆 Computer Management (Local	Description					
🔺 🙀 System Tools	Access Con	trol Assist	Members of this group can remot			
Description: De	🌆 Administrat	tors	Administrators have complete an			
Event Viewer	🜆 Backup Ope	erators	Backup Operators can override se			
Shared Folders	🌆 Certificate S	Service DC	Members of this group are allowe			
▲ Local Users and Groups Users ▲ Distributed		hic Operat	Members are authorized to perfor			
		I COM Users	Members are allowed to launch, a			
Groups		eaders Members of this group can read e Guests have the same access as m	Members of this group can read e			
Device Ma	roup		Guests have the same access as m			
View	+	ministrators	Members of this group have com			
N Windows Refrest	1		Built-in group used by Internet Inf			
Disk Mana Export	Liet	nfiguratio	Members in this group can have s			
Services and A		e Log Users	Members of this group may sche			
Help	e Monitor .		Members of this group can acces			
	A Power Users	S	Power Users are included for back			

Set up the windows user group in Computer Management

Then edit each user login, 'Member of' tab and make each user a member of the RentalPoint Group



Set up Group Access

- Open the Server Management Studio utility.
- Connect to the server instance that RentalPoint is installed on by selecting the server from the drop down list and clicking Connect.
- Expand the folders in the left pane.
- Right click the Security folder and select New Login.



• Enter the login name. This should be the 'RentalPoint' Windows User Group that was set up in the previous step. Ensure the default database is set to the RentalPoint database.

Login - New			
Select a page	🖾 Script 🔻 📑 Help		
I User Mapping I User Mapping I Securables I Status	Login game: Windows authentication SQL Server authentication Password: Confim password: Specify old password Old password: Frforce password oplicy Frforce password oplicy Frforce password oplicy Frforce password oplicy Mapped to ceptificate Mapped to asymmetric key	My ServerName \RentalPoint	Sgarch
Connection	Map to Credential		▼ <u>A</u> dd
Server: RPWS-22\SQLExpress Connection: RENTALPOINT/mandy 관· <u>View connection properties</u>	Mapped Credentials	Credential Provider	
Progress			Remo <u>v</u> e
Ready	Default <u>d</u> atabase: Default language:	Demotest English	•
		ОК	Cancel

• Click on the Server Roles tab on the left pane. Ensure all roles are selected.

Login - New	when our work it shall	_ O _X
Select a page	Script 👻 🎼 Help	
Server Roles User Mapping Securables	Server role is used to grant server-wide security privileges to a user.	
🚰 Status	Server miles:	
	bulkadmin docreator diskadmin poblic public serveradmin everatmin serveradmin	
	✓ şysadmin	
Connection		
Server: RPWS-22\SQLExpress Connection: RENTALPOINT\mandy		
View connection properties		
Progress		
Ready		
	ОК	Cancel

Click on the User Mapping tab on the left pane. Tick the box next to the RentalPoint database. In the bottom half of the window, select all roles except db_denydatareader and db_denydatawriter.

Login - New				
Select a page	Script → 📳 Help Users mapped to this login:			
Part Server Roles				
Securables	Map Database	User	Default Schema	
Status	betaTest			
	Demotest	MyServerName	e\Rental	
	DEV_DATA			
	master			
	model			
	msdb			
	tempdb			
Connection	onnection Database role membership for: Demotest			
Server	db_accessadmin			
RPWS-22\SQLExpress	db_backupoperator			
Connection:	db_datawriter			
RENTALPOINT\mandy	db_ddladmin			
View connection properties	db_denydatareader			
	db_owner			
Progress	db_securityadmin			
Ready				
			ОК	Cancel

• There are no changes to the Securables or Status tabs. Click OK to save your changes.

Enable TCP/IP and Named Pipes on the Server

TCP/IP protocol must be enabled on the server in order to allow connection to the database.

- From the Start menu launch the SQL Server Configuration Manager.
- Click Protocols for SQLServer (or SQLEXPRESS).
- Ensure Named Pipes and TCP/IP are enabled.
- Double Click on TCP/IP and go under IP Address Tab
 - 1. Confirm IP Address is correct for the server
 - 2. TCP Port should be 1433
 - 3. Dynamic Port should be blank

Sql Server Configuration Manager	A REAL PROPERTY AND A REAL		
Eile Action View Help			
SQL Server Configuration Manager (Local) SQL Server Services SQL Server Network Configuration (32bit) SQL Server Network Configuration (32bit) SQL Server Network Configuration Protocols for SQLEXPRESS SQL Native Client 10.0 Configuration	Protocol Name Status Shared Memory Enabled The Shared Memory Enabled TCP/IP Enabled VIA Disabled	Ensure both are enabled	
	TCP/IP Properties	? ×	
	Protocol IP Addresses		
	IP1	A	
	Active	Yes	
	Enabled	No	
	IP Address	fe80::cd8:4e45:d511:56f3%16	
	TCP Dynamic Ports		
	TCP Port	1433 -	
	□ IP10		
	Active	Yes	
	Enabled	No	
	IP Address	127.0.0.1	
	ICP Dynamic Ports		
		1453	
	Active	Vac	
<	Enabled	No	
	IP Address	fe80::5efe:10.100.55.20%12	
	TCB Port		
	TCP port		
	ОК	Cancel Apply Help	

- You MUST Restart the SQL instance for changes to take effect
- How to Restart SQL Instance via SQL Server Management Studio (SSMS)
 - In SSMS Registered Servers or Object Explorer, right-click the server instance you want to restart, and then click **Restart**.
 - A message box asks whether you are sure you want to restart SQL Server on the server instance you chose.
 - Click Yes.

A green arrow on the icon next to the server name indicates that the server restarted successfully.

Enable TCP/IP and Named Pipes on the Client

- Go to the Start menu and click run.
- Type in cliconfg.
- Ensure Named Pipes and TCP/IP are enabled.

SQL Server Client Network Utility		×
General Alias DB-Library Options	Network Libraries	
Disabled protocols:	Enable >> << Disable	Enabled protocols by order: Named Pipes TCP/IP
Force protocol engryption		Properties
Enable shared memory protocol	ОК	Cancel <u>Apply</u> Help

Set up Access to RentalPoint from a Workstation

Used when setting up client connection to your database, please ensure you have already checked and addressed your SQL Network Configuration settings.

In a Nutshell:

- Ensure the Firewall and any virus protection software is off on both the server and your local machine (once you get an approved connection you can turn it back on and poke a hole through for port 1433)
- 2. TCP/IP and named pipes enabled via cliconfg see page one of help doc at above link
- 3. Set up an Open Database Connection (ODBC) via System DSN (NOTE: if using windows 8 you should set up both 32bit and 64bit ODBC connections)
 - 1. If using Workgroups for network then you must use SQL authentication and the username and password you have set up for this kind of access
 - 2. If using Domain access for network, you can use Windows Authentication
- 4. If user cannot establish a connection to the database because of error with the SSPI context.
 - 1. Try switching from Windows auth to SQL auth.
 - 2. Follow MS Help article : https://support.microsoft.com/ru-ru/kb/811889

Set up an ODBC Connection:

Type ODBC at the start button/start menu on your Windows PC



Key in the name of your SQL Server



Finish

Cancel

For Domain Access you can use Windows Authentication, then click Client Configuration



OR for Workgroup access use SQL Authentication, then click Client Configuration

Create a New Data Source to SQL Server 🛛 🛛 🗙					
	How should SQL Server verify the authenticity of the login ID?				
	$C \ \underline{W} ith Windows NT authentication using the network login ID.$				
	 With <u>SQL</u> Server authentication using a login ID and password entered by the user. 				
	To change the network library used to communicate with SQL Server, click Client Configuration.				
	Client Configuration				
	Connect to SQL Server to obtain default settings for the additional configuration options.				
	Login ID: MyLogin				
Password:					
< <u>B</u> ack <u>N</u> ext > Cancel Help					

Uncheck Dynamically Determine Port

Add Network Library Configura	tion	×
Server <u>a</u> lias:	RPWS-22\SQLEXPRESS	
Network libraries Named Eipes LCP/IP Multiprotocol NWLink. IPS/SPX AppleTalls Banyan VINES VIA Quther	Connection parameters Server name: Dynamically determine port Port number:	RPWS-22\SQLEXPRESS
		OK Cancel Help

Optional - you can change the default database to your Rentalpoint Database name



Click Finish



Then click TEST DATA SOURCE



If you don't get a SUCCESSFUL test then contact your IT person or support@rentp.com to troubleshoot.

Microsoft SQL Server ODBC Driver Version 06.01.7601	\$
Running connectivity tests	
Attempting connection Connection established Verifying option settings Disconnecting from server	
TESTS COMPLETED SUCCESSFULLYI	
	Ŧ

Using SQL Authentication

If using SQL Authentication, follow the steps below

• From your RentalPoint\sys folder double click on DatabaseWizard.exe to launch

	10/00/2020/2007/001	obbiogram exercisii	20 NO
🖓 DatabaseWizard.exe	17/12/2021 3:54 PM	Application	14,247 KB

• Click on Find and connect to an SQL Server Database

RP	RentalPoint Database Wizard (Version)	×
	Find and Connect to an SQL Server Database	

• Enter the SQL Server name and Database name if needed, then click on the Advanced Tab

Connect	to your Rent	alPoint SQL Server Database
Connection Properties Advanced		
Server Name (HOSTNAME\SQLINST	ANCENAME)	
RPBASEIMAGE\sqlexpress01	~	
Database Name		
myrp	~	Note: RP database names cannot contain a period or a space
Provider	Connection T	ype
SQLNCLI11 V	Auto	~
C Test Connection		

• Enter the login information to the SQL Server, then click on Connection Properties

Conr	ect to your RentalPoint SQL Server Database	×
Connection Properties Advanced]	
Login Info		
O Use Windows Authentication		
Use SQL Authentication		
Username Password		
RPSQL ••••••	View Password]
Reinstall MDAC	Windows Firewall	
SQL Server Version	SqlServer2012 (11.4.7462.6)	
		-
Save and Continue		X Cancel

Click

🔁 Test Connection

- $\bullet\,$ A successful connection will show details as below, then SAVE and Continue
- If you don't get a successful connection, try changing your Provider in the dropdown OR double check your SQL password

Connect to y	vour RentalPoint SQL Server Database		
Connection Properties Advanced			
Server Name (HOSTNAME\SQLINSTANC	ENAME)		
RPBASEIMAGE\sqlexpress01	~		
Database Name			
myrp	 Note: RP database names cannot contain a period or a space. 		
Provider Cor	nection Type		
SQLNCLI11 - Au	to v		
C Test Connection			
Connection Successful! RentalPoint Version:12.0.2.2 SQL Express Edition (64-bit) 13.0.5103.6 SP2 Unusual Collation: Latin1_General_CI_AI SQL Server Client Network Utility SQL Server Configuration Manager			
CLR:v4.0.30319			
Save and Continue	🗶 Cancel		

Install RentalPoint on a New Workstation

Rentalpoint must run with the matching executables to the database version i.e. if your database is v12.0.0.2 then your executables must match that version.

- It may be easier to copy RentalPoint from an existing workstation since you can follow the same configuration. If this is not possible you'll need to Download the version of RentalPoint that matches your Database Version and configure it for use. Both options are detailed below
- 2. RentalPoint will also need a PDF reader such as Adobe or FoxIT. Download and install whatever version you prefer, then *Install RentalPointPDF*

- 3. Ensure the user has FULL access to data and docs folders on the server. They will also need write permission to the Windows Registry to store RentalPoint user preferences and write permission to the RentalPoint\sys folder to save RentalPoint configuration settings
- 4. Once you have RentalPoint installed on your workstation you'll need to <u>Set up Access to</u> <u>your RentalPoint Database from your Workstation</u>
- 5. You should now be able to run RentalPoint

Copy RentalPoint from an Active Workstation

 On a workstation actively using Rentalpoint, right click on the Rentalpoint icon and Open File location. This will bring you to the Rentalpoint\sys folder



- 2. Create the same RentalPoint folder (matching the name and location) on your new workstation. Copy the Rentalpoint SYS folder from the active workstation to your new computer, placing it into the same directory path on the new machine. This will copy the license file needed at the same time.
- On the new machine, edit the Rentalpoint\sys\rpini.ini file and make note of the paths used for DATA, DOCS and templates - these are usually mapped drives. You will need to set them up on the new machine .

<u>F</u> ile <u>E</u> dit F <u>o</u> rmat <u>V</u> iew <u>H</u> elp
[DIRECTORIES] HPSYS_DIR=C:\RentalPoint\sys CONFIGFILEPATH=C:\RentalPoint\sys HPDATA_DIR=R:\data HPDOCS_DIR=R:\docs ARCHIVEDOCSPATH= HPROOT_DIR=C:\RentalPoint HPREPORTS_DIR=C:\RentalPoint\reports TEMPLATES_DIR=R:\docs\Templates FR_TEMPLATES_DIR=R:\docs\FastReportTemplates [DATABASE] DATABASENAME=MyRentalPoint SERVERNAME=RPBASEIMAGE\sqlexpress01 SQLPROVIDER= [LOGIN] USESQLAUTH=0 LOGINNAME= PASSWORD=
PasswordIsEncrypted=0

4. Also make note of your DATABASE and SERVER name from your rpini.ini file, you will need these below to set up the ODBC connection on your workstation.

<u>File Edit Format View Help</u> [DIRECTORIES] HPSYS_DIR=C:\RentalPoint\sys CONFIGFILEPATH=C:\RentalPoint\sys HPDATA_DIR=R:\data HPDOCS_DIR=R:\docs ARCHIVEDOCSPATH= HPROOT_DIR=C:\RentalPoint HPREPORTS_DIR=C:\RentalPoint\reports TEMPLATES_DIR=R:\docs\Templates FR_TEMPLATES_DIR=R:\docs\FastReportTemplates [DATABASE] DATABASENAME=MyRentalPoint . SERVERNAME=RPBASEIMAGE\sqlexpress01 🔫 SQLPROVIDER= [LOGIN] USESQLAUTH=0 LOGINNAME= PASSWORD= PasswordIsEncrypted=0

Download and Install RentalPoint from our Website

- 1. First, navigate to https://rentp.com/support/updates.php
- 2. Then, click on 'Download RentalPoint' and log in user your download password



3. Next, download the version you need

RentalPoint Updates

The file to download is **V11.x.xx.exe** where x represents the current version number. This is an update patch for workstations and servers, it does not contain a setup program.

To view a list of historical versions click here.

Historical Versions

Before upgrading to the latest release:

 Ensure you are using SQL 2008 R2 Express or later. If you are using SQL 2000, MSDE or are unsure of the version, please email support@rentp.com for assistance BEFORE attempting to upgrade.

2. If you have Crystal Reports, please contact your report creator/designer to verify that the reports will run in v11/v12.

) Size
3 138 MB
20 393 КВ
5

RentalPoint Updates

Historical Versions

Go back to current version files.

	File
V	V12.0.0.12.exe
V	V12.0.0.11.exe
V	V12.0.0.10.exe
V	V12.0.0.9.exe
V	V12.0.0.8.exe
V	V12.0.0.6.exe
V	<u>V12.0.0.5.exe</u>
V	<u>V12.0.0.4.exe</u>
~	

- ✓ <u>V12.0.0.3.exe</u>
- 4. Double on the downloaded file to install and follow the prompts for a new installation

ið	Setup - RentalPoint
	Install RentalPoint Software Please specify type of installation, then dick Next.
	 Patch update - recommended for updating from v10 or v11 Update report templates New installation - recommended for all new installs and updating from v7, v8 or v9
	Next > Cancel

ß	J Setup - RentalPoint 📃 🗖 🗙		
	Select Installation Directory Where should RentalPoint be installed?		
	Setup will install RentalPoint into the following folder. To continue, click Next. If you would like to select a different folder, click Browse.		
	C: RentalPoint Browse		
	< <u>B</u> ack <u>N</u> ext > Cancel		

ß	Setup - RentalPoint	_ 🗆 🗙	
Sel	ect Installation Directory Where should RentalPoint be installed?		
	Setup will install data into the following folders.		
	To continue, click Next. If you would like to select a different folder, click Browse.		
1	Data Directory (parameter file, parameter backup, log files)		
	C:\RentalPoint\data	Browse	
	Docs Directory (all documents produced by RentalPoint ie. quotes, invoices)		
	C:\RentalPoint\docs	Browse	
	Templates Directory (for all custom RTF templates)		
	C:\RentalPoint\docs\Templates	Browse	
	Fast Reports Templates Directory (for all custom FastReport templates)		
	C:\RentalPoint\docs\FastReportTemplates	Browse	
	< <u>B</u> ack Next >	Cancel	

13	Setup - RentalPoint 📃 🗖 🗙
	Select Additional Tasks Which additional tasks should be performed?
	Select the additional tasks you would like Setup to perform while installing RentalPoint, then click Next. Additional shortcuts: ✔ Create a gesktop shortcut ✔ Create a Start Menu icon
	< <u>B</u> ack <u>N</u> ext > Cancel

ß	Setup - RentalPoint	- 🗆 X
	Installing Please wait while Setup installs RentalPoint on your computer.	
	Extracting files C:\myrp\sys\CreateDatabase.exe	
		Cancel

Click Re-Install

岁 SAP Crystal Reports runtime engine for .NET Framework 🗕 🗖 🗙
Add/Remove Application Select the operation to perform from the buttons below.
<u>Remove All</u>
R <u>e</u> install
Cancel

Click Finish

岁 SAP Crystal Reports rur	ntime engine for .NET Framework 🗕 🗖 🗴
	SAP Crystal Reports runtime engine for .NET Framework (32-bit) has been successfully installed.
	< Back Einish Cancel

Uncheck 'Launch RentalPoint' and click Finish

ß	Setup - RentalPoint	- 🗆 X
	Setup - KentaiPoint Completing the RentalP Wizard Setup has finished installing RentalPoint on Click Finish to exit Setup. Launch RentalPoint	voint Setup
	<u> </u>	

You'll need to copy your RentalPoint license file to your RentalPoint\sys folder

Edit RentalPoint\sys\rpini.ini and configure RentalPoint, please contact support@rentp.com if you are not sure how to configure this file.

- Data, Docs and templates paths should point to your data and docs folders on the server
- Database is your RentalPoint database
- Servername is your SQL Server name

<u>File Edit Format View H</u> elp		
[DIRECTORIES]		
HPSYS_DIR=C:\RentalPoint\sys		
CONFIGFILEPATH=C:\RentalPoint\sys		
HPDATA_DIR=R:\data		
HDROOT DIR=C:\RentalBoint		
HPREPORTS_DIR=C:\RentalPoint\reports		
TEMPLATES DIR=R:\docs\Templates		
FR_TEMPLATES_DIR=R:\docs\FastReportTemplates		
[DATABASE]		
DATABASENAME=MyRentalPoint		
SERVERNAME=RPBASEIMAGE\sqlexpress01		
SQLPROVIDER=		
PASSWORD=		
PasswordIsEncrypted=0		