RPM Datacenter Installation Guide

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Radiation Solutions Inc

Introduction:

This document describes how to install the RSI Datacenter Software and RSI N42 Server Software.

Prerequisites:

- Installed Microsoft SQL Server as "default Instance" on the machine the Datacenter software will be installed.
- 2. SQL Server user with Administrator rights.
- 3. More than 80 Gb free disk space for database files.
- 4. Login to windows as user with Administrator rights.
- 5. Install "ODBC Driver 17 for SQL Server" included in installation package.

Datacenter installation steps:

1. Run RsDcConfig.exe.

- Copy all installation files to some folder on server hard drive.
- Start RsDcConfig.exe from installation files. Use "Run as Administrator" option.
- It will look like this (no installed Datacenters).

l	DC#	RSS Address	Name	Local IP	Service Status	DB Status	Conflicts (Errors)

2. Provide License.

- Press Install Datacenter. This will open the "Open License File" window.
- Select the license file provided by RSI for this Datacenter (RSS address) and click the "Open" button.

Note: The license files have ".rsl" extension and might not be included in the installation package.

😻 Open License File					×
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Organize 🔻 New folder					
	*	Name		Date modified	Туре
🛱 Libraries		퉬 RSS DataCenter v4.28.3.0 (Mar 01, 2019	9)	01/03/2019 2:17 PM	File folder
		[10-1-1-0] PNNL Track.rsl		02/05/2019 1:56 PM	RSI License
E Pictures					
🛃 Videos	E				
🜏 Homegroup					
n Computer					
🚢 Windows7_OS (C:)					
🖬 SD (D:)					
Removable Disk (E:)	Ŧ	< [۰.
File name: [10-1-1-0] PNNL Track.rsl		•	-	License Files (*.rsl)	-
			(<u>O</u> pen C	ancel
					.::

- After selecting the license, the user is presented with the "Datacenter Parameters" window.

3. Enter Datacenter Parameters

If the license is accepted the installer will display the "Datacenter Parameters" page.

Parameter	Description
DC Number	Datacenter Service Instance Number
	Select DC1 (selected by default)
RSS Address	This Address is loaded from the license file and cannot be changed.
Name	Name of the Datacenter (displayed in RadInspect).
	This can be changed later using RadInspect.
IP Address	Select "localhost" to make sure Datacenter will be able to communicate
	across all Ethernet adapters. This can be changed later using RadInspect.
Service Alias	Type "One"
Directory	Displays the path where the Datacenter files are going to be installed.

Install Data Center		×
Data Center Enter Dat	e r Parameters ata Center Parameters	٠
DC Number	DC1 -	
RSS Address		
Name	DC_1	
IP address	localhost 👻	
Service Alias	One	
Directory	c:\RssDc\DC1	
	< Back Cancel	Help

Click next.

4. Enter Database Parameters.

Parameter	Description
Db Type	Database Server Type. Select "Microsoft SQL Server"
Db Server Address	Database Server Address. Enter "(local)"
Db Name	Name of the Database that will be created.
	Keep default value "RSS_1"
User Name	User Name used to access the Database Server.
	Current version does not support Windows Authentication.
	It must be a SQL Server user with administrative rights, for example "sa".
Password	The password for the Database User entered above.
Directory	Folder where the database files will be stored.
	Please select a folder on a disk with at least 80 GB of free disk space.
	If using RSI servers use "D:\DB"
ODBC Driver	Select from drop down combo box "ODBC Driver 17 for SQL Server". If not
Name	present, then install it from installation package or download from Microsoft.

Install Data Center		×
Data Center Datab Eneter Database	ase Parameters Parameters	
Db Туре	Microsoft SQL Server \checkmark	
Db Server Address	(local)	
Db Name	RSS_1	
User Name	sa	
Password	•	
Directory	c:\RssDc\DC1\DB	Browse
ODBC Driver Name	ODBC Driver 17 for SQL Server \checkmark	
	< <u>B</u> ack <u>N</u> ext > Cancel	Help

Click Next.

5. Run Install.

- Click Next and then press Install.
- If installation is successful, then each line will be marked with green check mark.
- In case of error "Status" column will display error description.

nsta I	allation steps and completi Hit Install to start	on status
		V.
•	Step Description	Status
\checkmark	Copy Files	Completed
\checkmark	Create Database	Completed
\checkmark	Update Registry	Completed
\checkmark	Install and Start DataCenter	Completed
\checkmark	Start WatchDog	Completed
٠.		
		Install

6. Installation result.

- After installation has completed, you will see 2 lines that correspond to Datacenter Service and "RSI DC Watchdog" service.

DC# H	RSS Address	Name	Local IP	Service Status	DB Status	Conflicts (Errors)
1 1	10-1-1-0	DC_1	192.168.1.161	Running	RSS_1 Ver 3.7	
WD		RSI DC Watchdog		Running		

7. Enable Datacenter communication in "Windows Firewall" "Inbound Rules" and "Outbound Rules".

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	Per Let Ver Topk Hep Per Let Ver T

8. Check ODBC connection to Installed DC from other computer

- Start odbcad32.exe and in "System DSN" press "Add" button.
- Select driver

	Name		V ^
	MySQL ODBC 8	.0 Unicode Driver	8
011 0	ODBC Driver 11	for SQL Server	2
	ODBC Driver 17	for SQL Server	2
	SQL Native Clier	nt	2
	SQL Server		1
	SQL Server Nati	ve Client 10.0	2
	SQL Server Nati	ve Client 11.0	2
	<		>
	-		

- Enter Connection parameters with IP of Datacenter computer.

	This wizard will help y SQL Server.	you create an ODBC data source that you can use to connect to
SQL Server	What name do you w	vant to use to refer to the data source?
	Name:	Test
	How do you want to	describe the data source?
	Description:	Test userscanlist
	Which SQL Server d	o you want to connect to?
	Server:	192.168.1.161

- Enter user name and password

reate a New Data S	Source to SQL Server	
THE	How should SQL Server verify the authenticity of the login ID?	
SQL Server	O <u>Wi</u> th Integrated Windows authentication.	
	With Azure Active Directory Integrated authentication.	
	O With SQL Server authentication using a login ID and password entered by the user.	
	O With Azure Active Directory Password authentication using a login ID and password entered by the user.	
	\bigcirc With Azure Active Directory Interactive authentication using a login ID entered by the user.	
	Login ID: RADReader	
	Password:	
	\bigcirc With Azure $\underline{M}\textsc{anaged}$ Service Identity authentication.	
	c Bank Next > Cancel He	In

- Click next

Non A	Change the default database to:	
and the second s	(Default)	×
SQL Server	Mirror server:	
	SPN for mirror server (Optional):	
	Attach_database filename:	
	☑ Use ANSI quoted identifiers.	
	Use ANSI nulls, paddings and warnings.	
	Application intent:	
	READWRITE	~
	Multi-subnet <u>f</u> ailover.	
	Transparent Network IP Resolution.	
	Column Encryption.	
	Enclave Attestation Info:	
	Use FMTONLY metadata discovery.	
	< Back Next > Cancel Help	

- Click finish

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SOL Server	Lange the language of Sult Server system messages t	0]
	(Default)	
	Use strong encryption for data.	
	Trust server certificate.	
	Perform translation for character data.	
	Use regional settings when outputting currency, number	s, dates and times.
	Solution Solution (1) And Data Manager (1) Tama (1) International Solution (1) Tama (1) Tama (1) International Solution (1) International Solutional Solution (1) International Solutional Solution (1) International Solution (1) International Solution (1) Internatio	Desures
		Diowse
		30000
	Log ODBC driver statistics to the log file:	
	C:\Users\SOBOLE~1\AppData\Local\Temp	Bro <u>w</u> se
	Connect retry count:	1
	Connect retry interval (seconds):	10

- Click "Test Data Source.."



If test doesn't work enable SQL Server TCP port 1433 in "Windows Firewall" "Inbound Rules".
 Below is a link to check SQL server port

https://kb.blackbaud.com/knowledgebase/Article/39342