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:

1. 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).
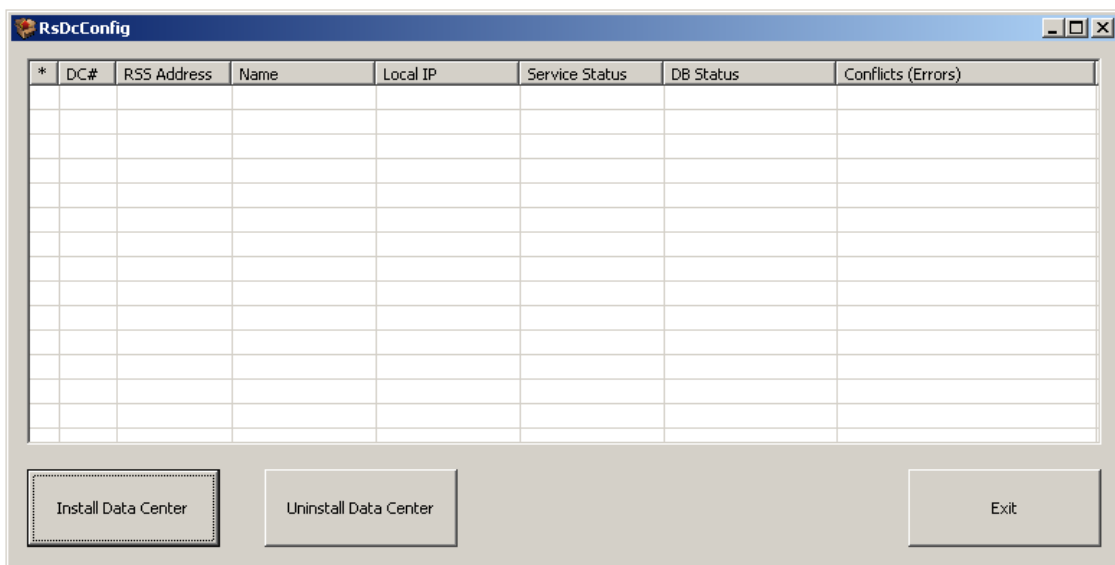
2. Provide License.

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

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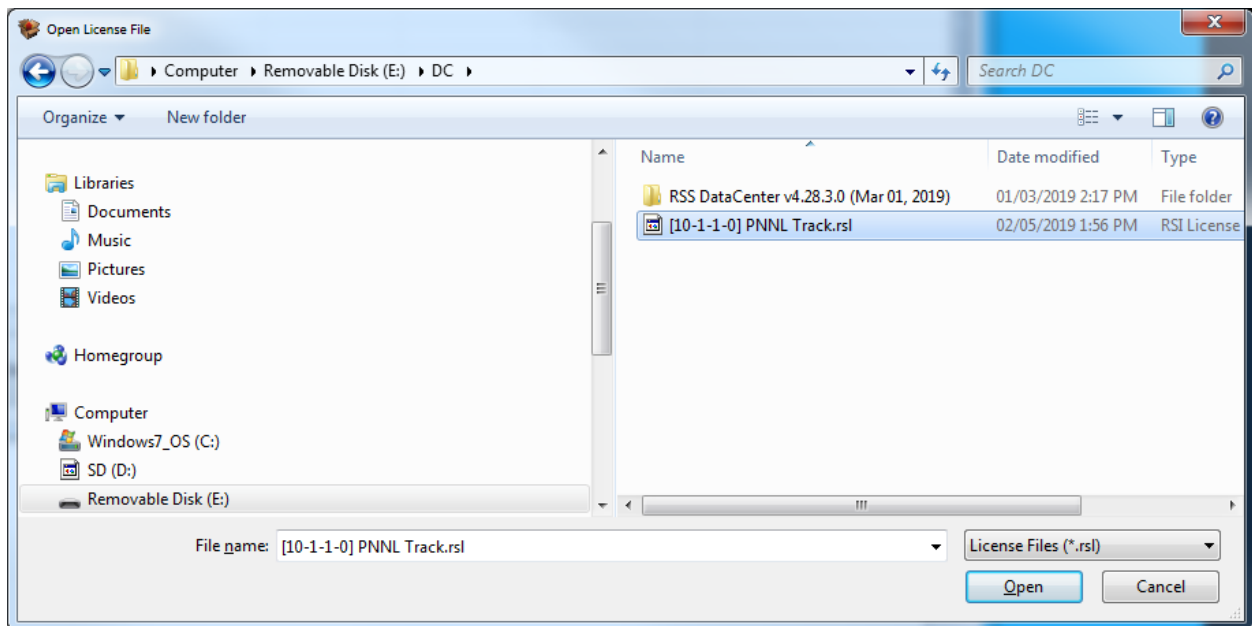

- After selecting the license, the user is presented with the "Datacenter Parameters" window.

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.
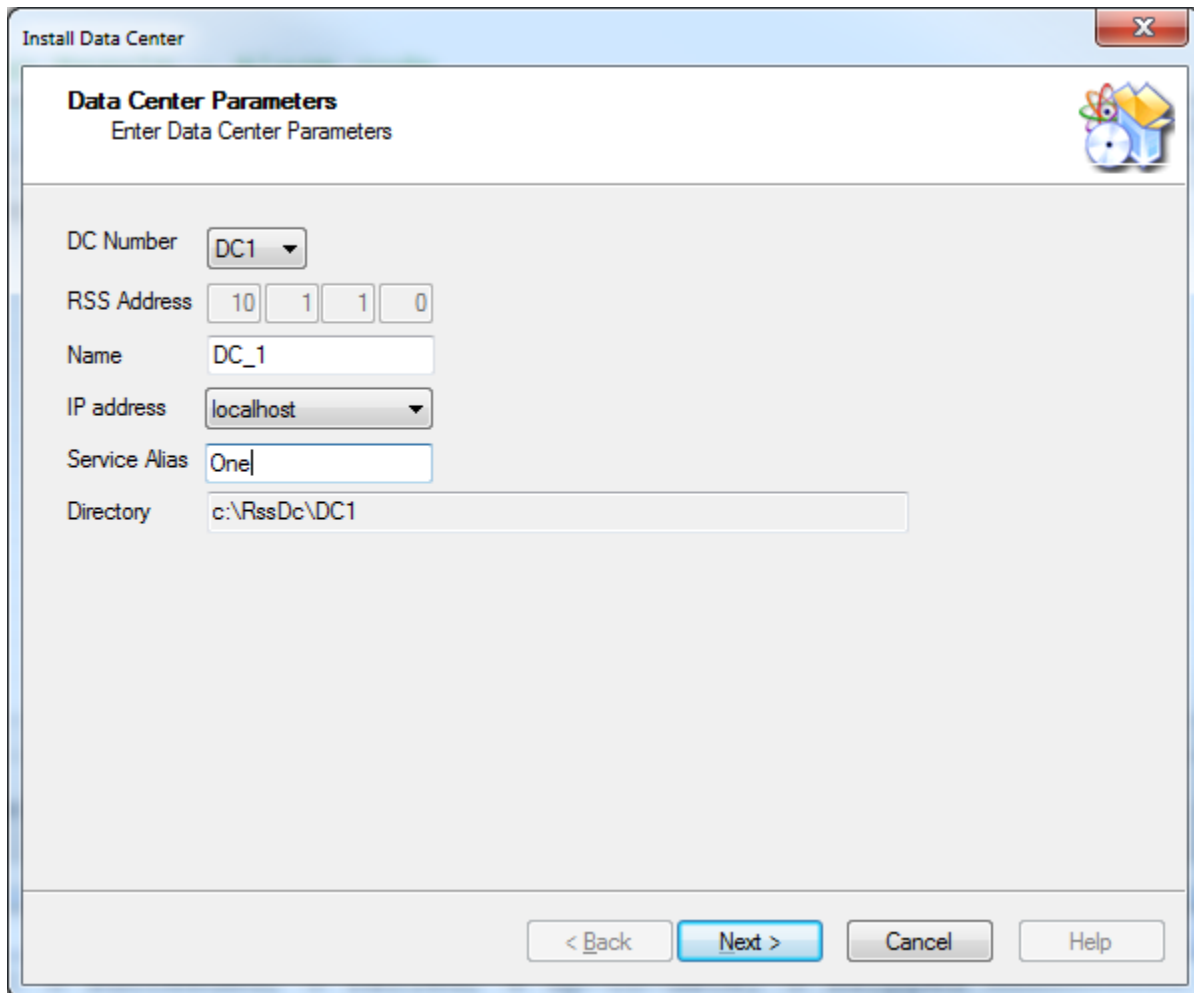
Click next.

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 Name	Select from drop down combo box "ODBC Driver 17 for SQL Server". If not present, then install it from installation package or download from Microsoft.

Install Data Center   ✕

Data Center Database Parameters
    Eneter Database Parameters

Db Type   Microsoft SQL Server   ⌄

Db Server Address   (local)

Db Name   RSS_1

User Name   sa

Password   •

Directory   c:\RssDc\DC1\DB   Browse

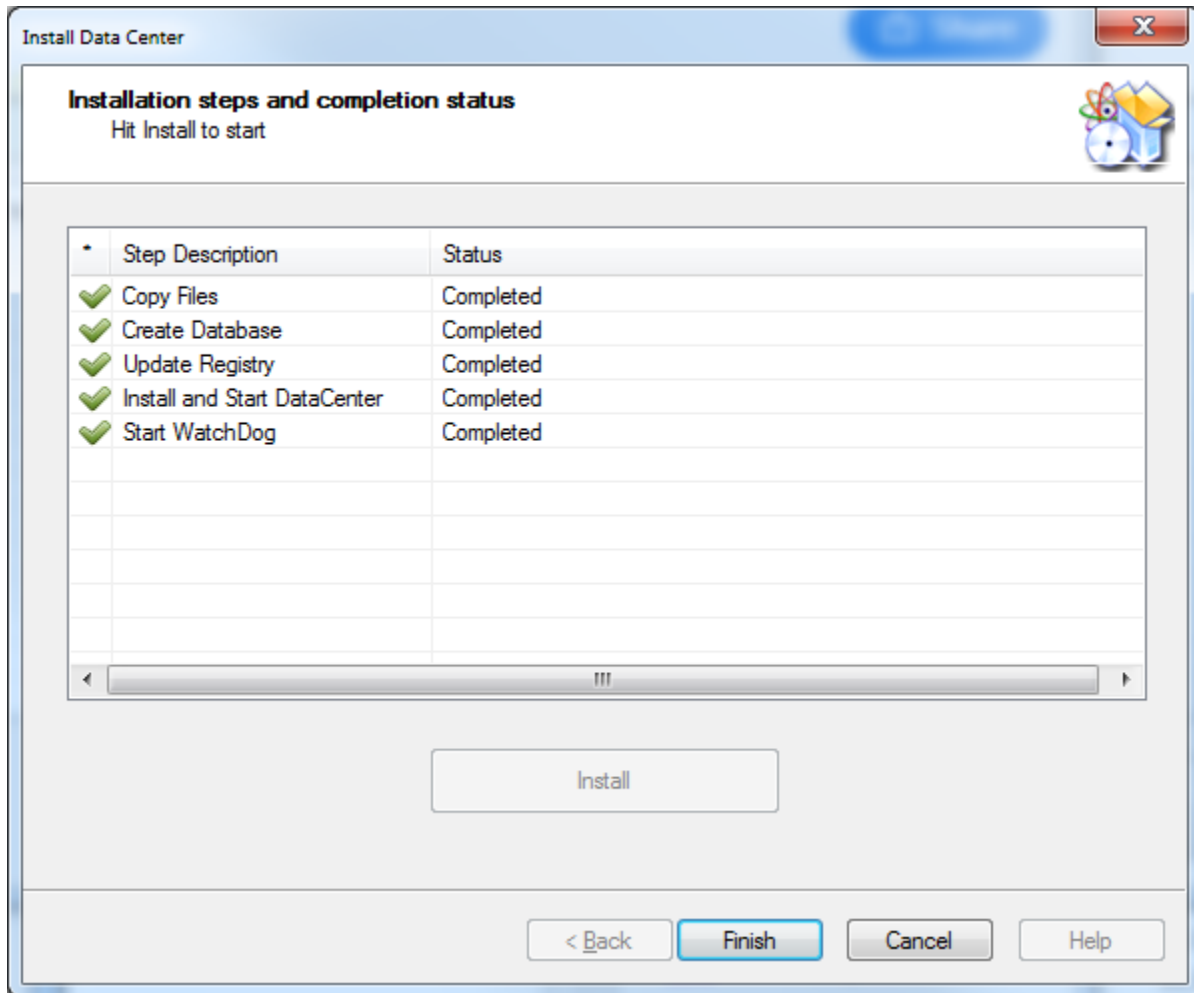ODBC Driver Name   ODBC Driver 17 for SQL Server   ⌄

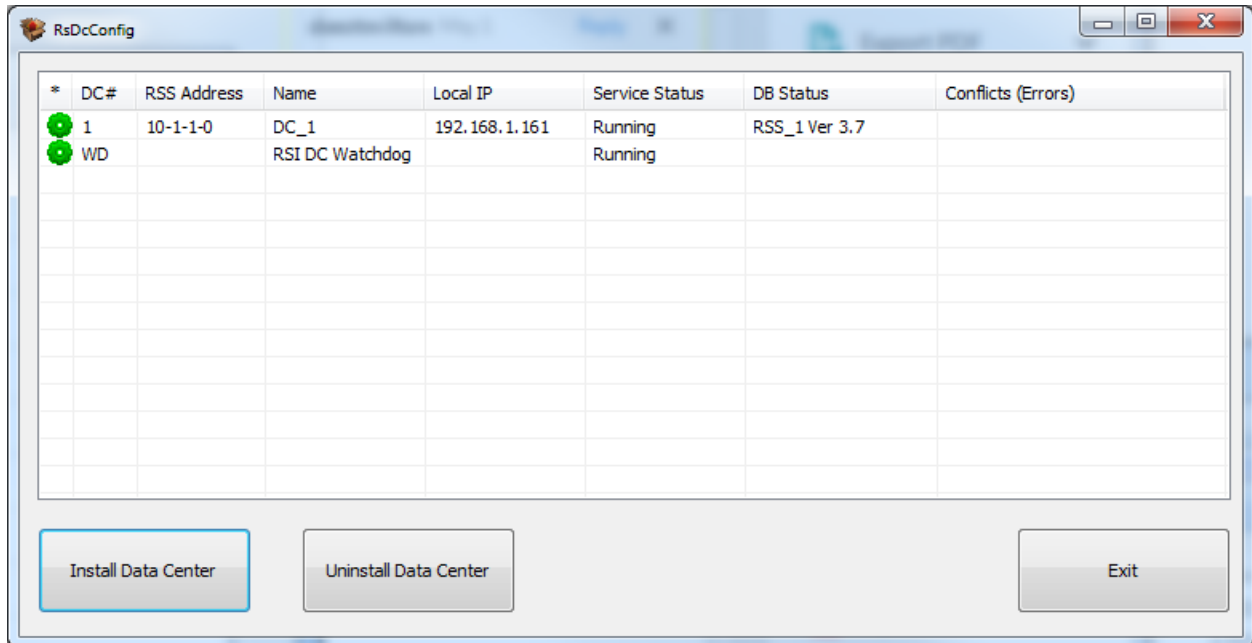   < Back   Next >   Cancel   Help

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.

6. Installation result.

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

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

Install Data Center   **Uninstall Data Center**   **Exit**

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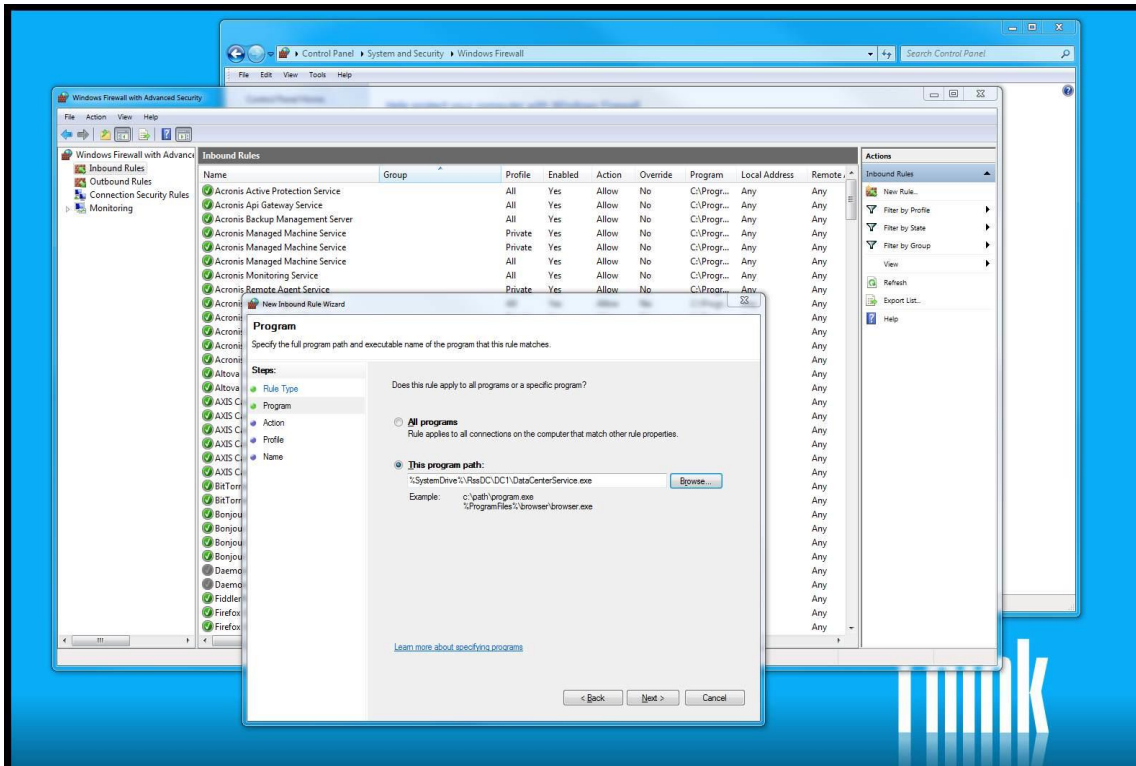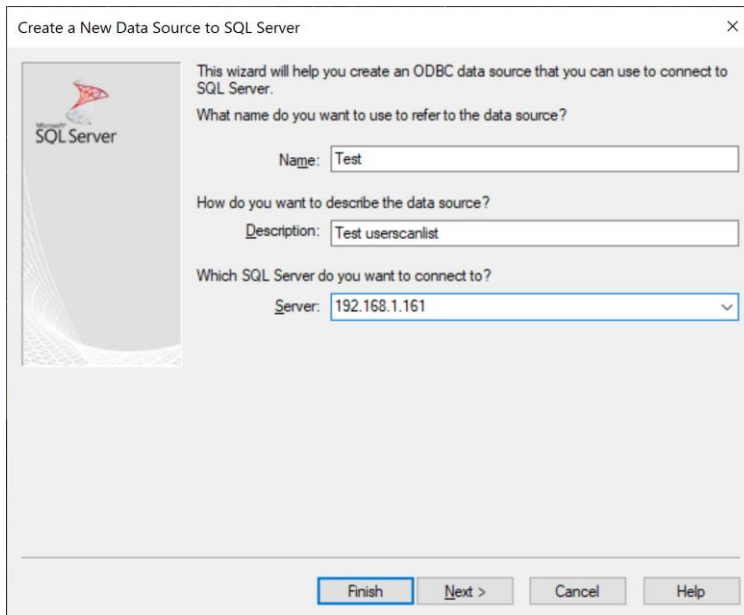

8. **Check ODBC connection to Installed DC from other computer**

- Start odbcad32.exe and in "System DSN" press "Add" button.
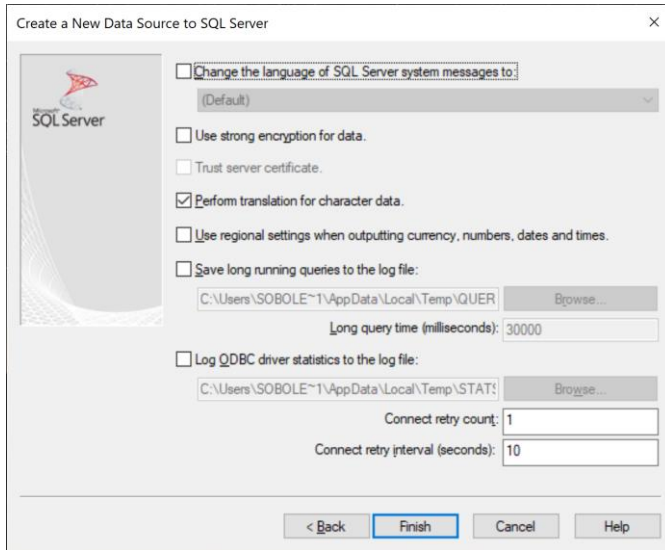- Select driver
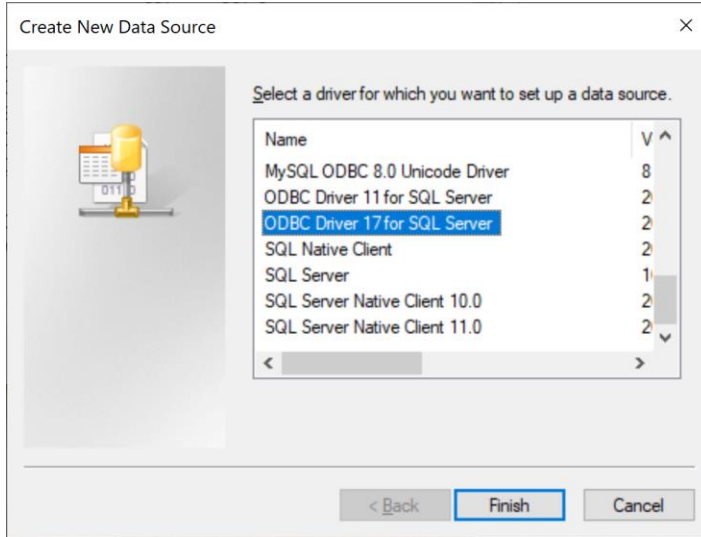
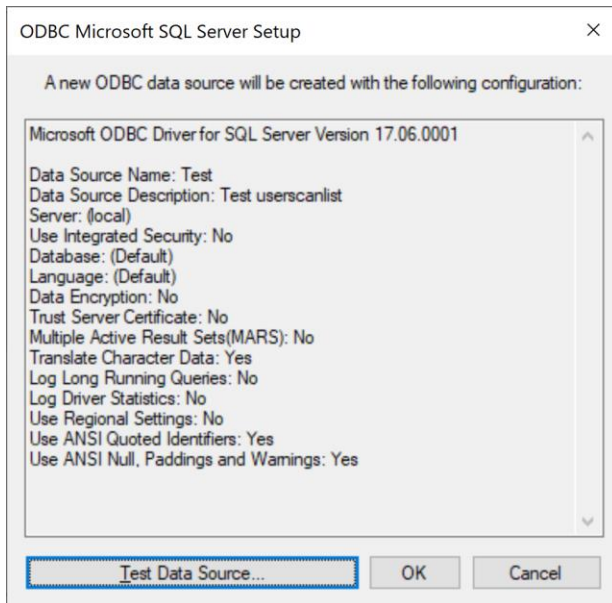- Enter Connection parameters with IP of Datacenter computer.

- Enter user name and password

- Click next

- Click finish

- 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