Trans4m OnRamp Installation and Configuration

Installation and Configuration

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About this guide

This guide provides installation and configuration information for the Infor TRANS4M OnRamp. This document describes configuration requirements and provides setup instructions.

Intended audience

This guide is intended for the system administrator or consultant who configures Infor TRANS4M for use with ION. Before you read this guide, ensure that you are familiar with the other guides listed in “Related documents.”

Related documents

You can find the documents in the product documentation section of the Infor Xtreme Support portal, as described in “Contacting Infor" on page 6.

Infor ION documents

For more information about Infor ION, see these documents:

Infor ION Connect Administration Guide
Infor ION Process Administration Guide
Infor ION Installation Guide

Documents related to ION integrations

Trans4m Release 10.0 Setup and Installation Guide

Trans4m Release 10.1 Installation Guide

Infor10x ION Administration

Infor10x ION Installation Guides

Contacting Infor

If you have questions about Infor products, go to the Infor Xtreme Support portal at www.infor.com/inforxtreme.

If we update this document after the product release, we will post the new version on this Web site. We recommend that you check this Web site periodically for updated documentation.

If you have comments about Infor documentation, contact documentation@infor.com.

Chapter 1 Background

1

ION is designed to send and retrieve BOD (Business Object Documents) data between Infor products. It assumes that the product is based on a relational database. Trans4m uses Unidata which is a multi-valued database. The ODBC drivers provided by RocketSoftware do not support all the functions required by ION. For these reasons the Trans4m OnRamp Service was created.

It was designed to move BODs between a Trans4m server and an intermediate (relational) database. The ION installation would then interact with the intermediate database.

Chapter 2 Setting Up the Intermediate Database.

2

Note: Existing intermediate databases must be upgraded to version 3 scheme.

Note: You will need a separate database for each account

Prerequisites

- Windows Server 2008 R2 or above
- Existing MSSql 2008 or above
- SQL Server Management Studio
- ION 11.1 or above

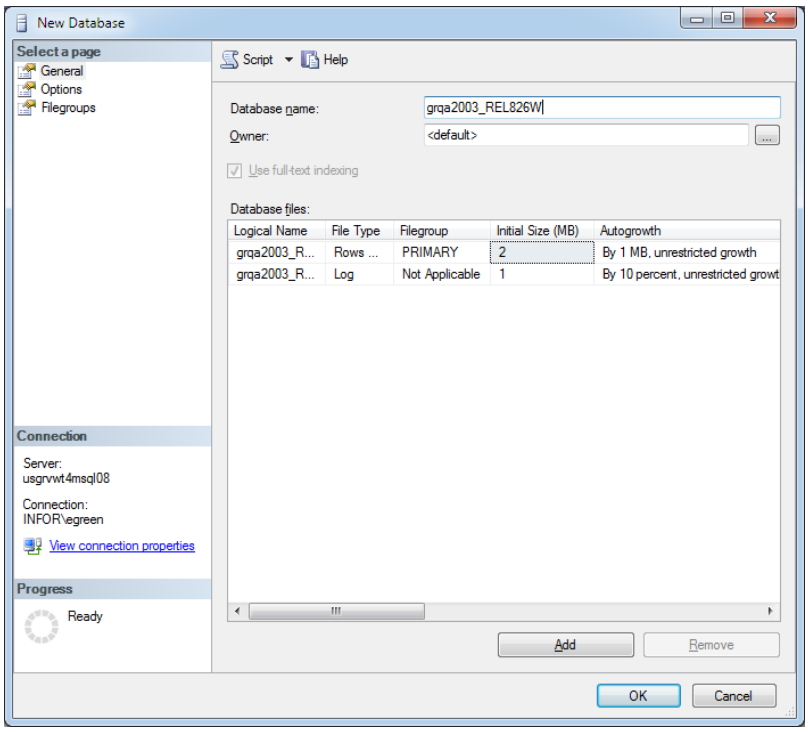
Get Database Scripts

1. Login to your ION Desk.
2. Navigate to Configure > ION Service.
3. Click on Configuration Files tab.
4. Click Download Scripts to create I/O Box button.
5. Select local folder and enter “scripts” as the filename and click Save.
6. Click OK.
7. Unzip downloaded file.

Create the Intermediate Database

1. Connect to your MSSql server using Microsoft SQL Server Management Studio.
2. Right Click the Databases node and select New Database…

3 Enter in the database name.



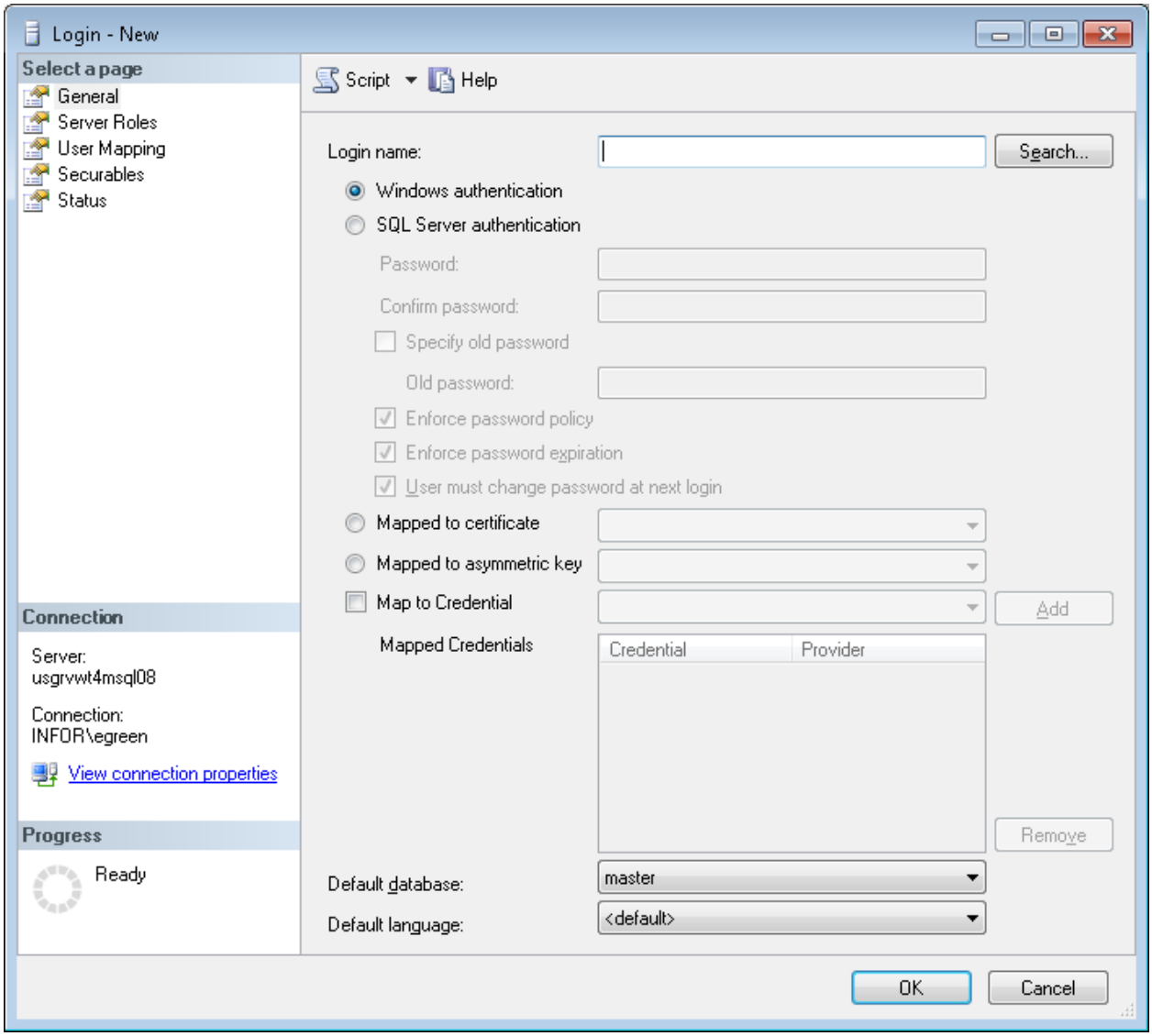
4 Click OK.

5 Create a new Sql Login.

a On the Sql Server itself, expand the Security Node.

b Right Click the Logins node.

c Click New Login.



d Enter in Login name.

e Select desired authentication.

f Click OK.

6 Associate the new login to the new database.

a Expand the new database.

b Expand Security.

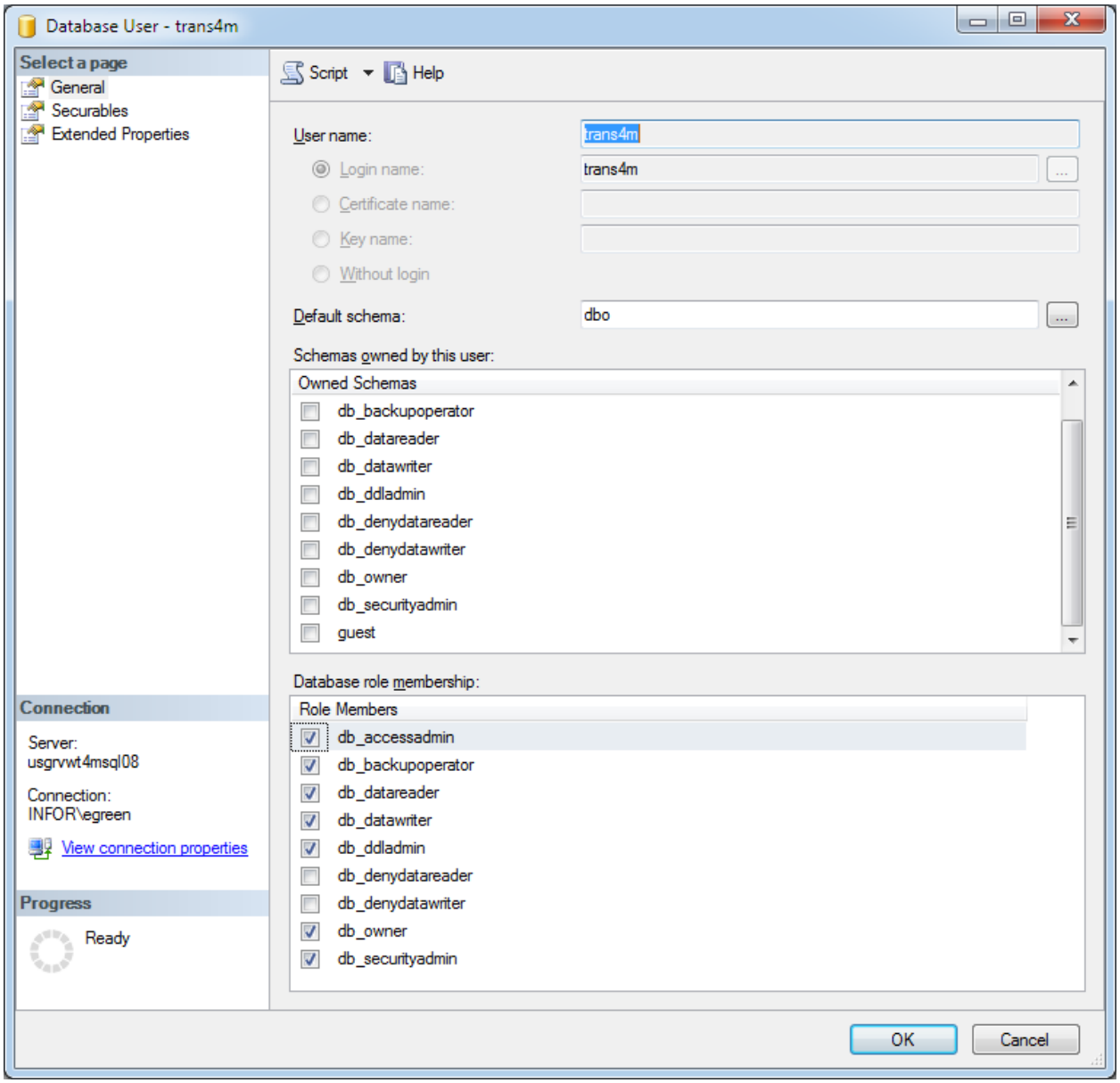
c Right Click Users.

d Select New User…

e Enter in User name.

f Enter in Login name created above:

g Setup the Database role membership data as shown:



h Click Ok.

Create Tables with Version 1 scheme

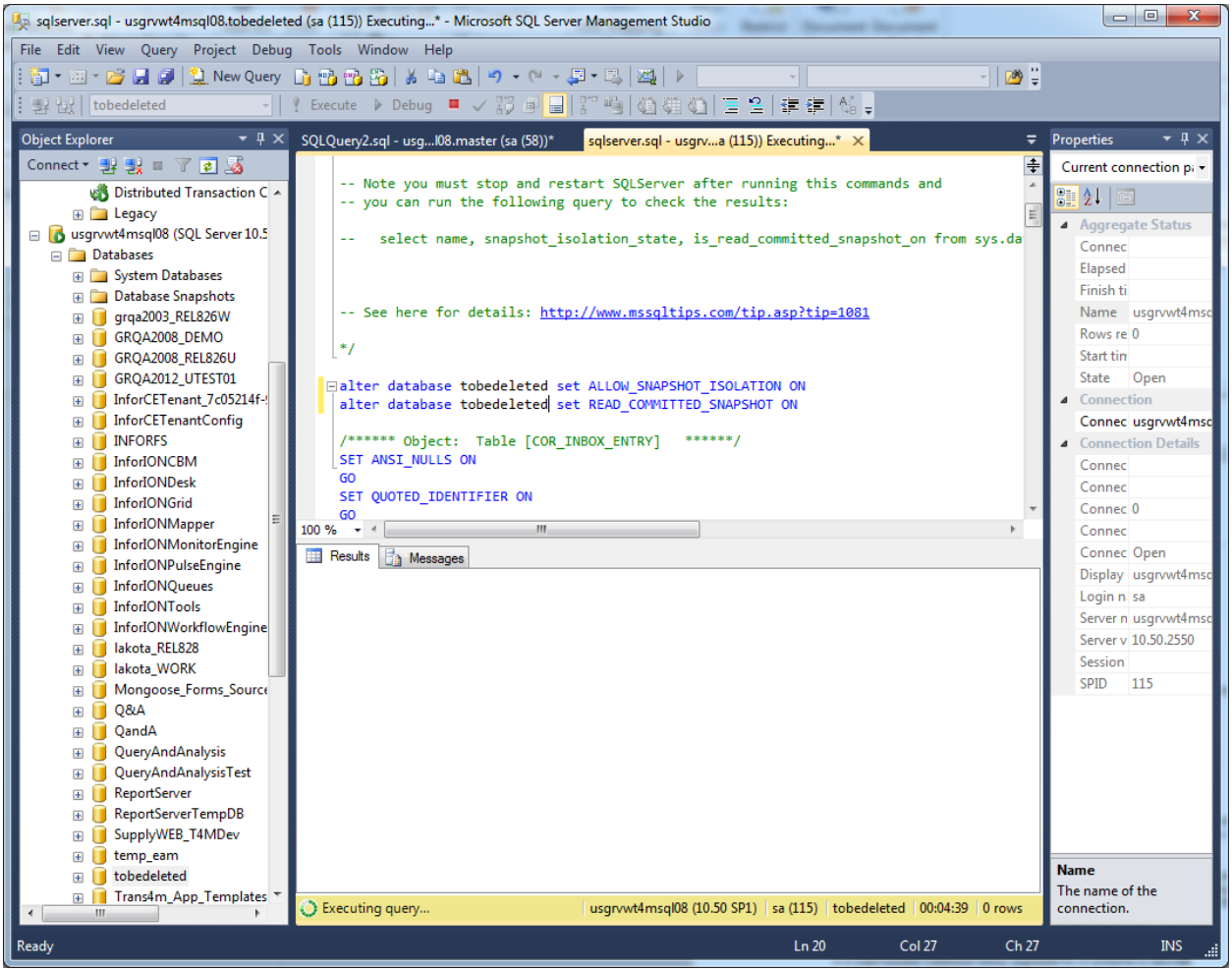
1 Connect to your MSSql server using Microsoft SQL Server Management Studio.

2 Click On File, Open, File.

3 Navigate to the sql scripts\1.0.0 folder you acquired above.

4 Select the sqlserver.sql file, and click Open.

5 Make sure the new database is in the drop down list.



6 Follow any notes at the top of the sql file especially if it directs to edit the alter database statement.

7 Click Execute.

8 The ION tables should now exist in the new database.

Update Tables to Version 3 scheme

1 Connect to your MSSql server using Microsoft SQL Server Management Studio.

2 Click On File, Open, File.

3 Navigate to the sql scripts\3.0.0 folder you acquired above.

4 Select the sqlserver_upgrade.sql file, and click Open.

5 Make sure the database is in the drop down list.

6 Click Execute.

7 The ION tables should now exist in the new database.

Chapter 3 Install the OnRamp

3

Caution: If the service is already installed you may need to uninstall it prior to installing a new version.

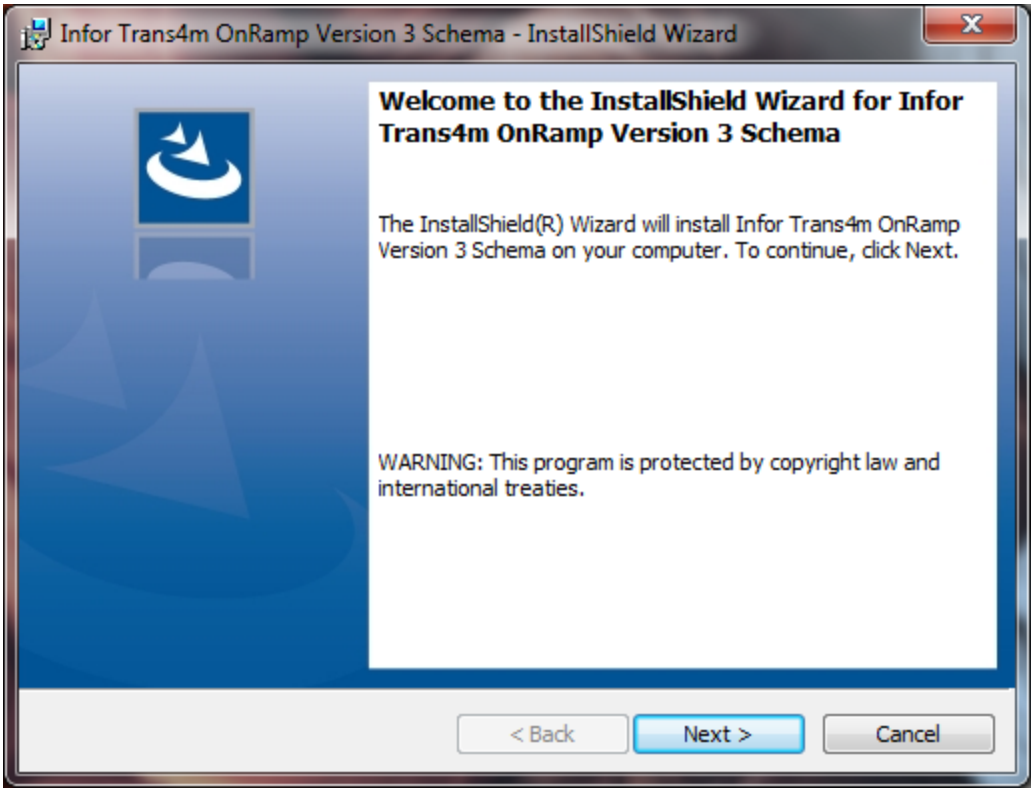
Caution: The new version of the OnRamp requires .Net Framework 4.5.1.

Prerequisites

- Windows Server 2008 R2 or above
- .Net Framework 4.5.1
- MsSql Native Client
- Existing ION 11.X or above installation
- Intermediate Database setup from above.
- Trans4m 10.1 or above

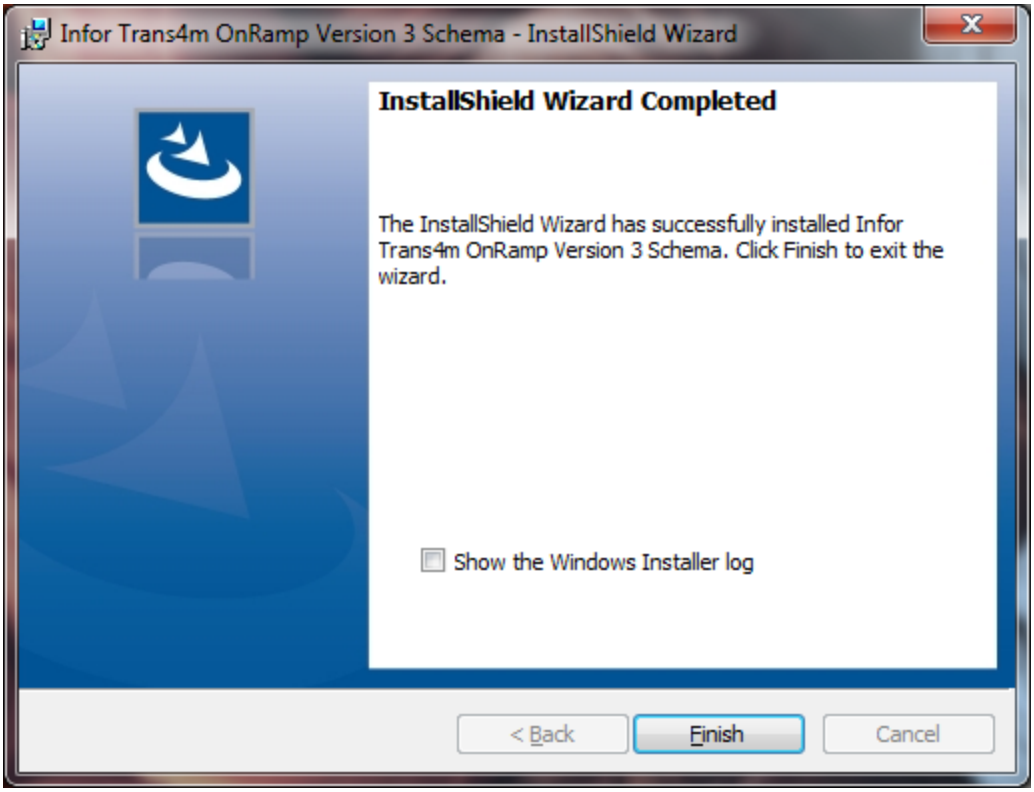
1. Download the Infor Trans4m ION OnRamp setup file from Infor Xtreme. The newest version will be on KB 1530411.
2. Double-Click the TRANS4MOnRampSetup.exe file.
3. If prompted by the User Account Control, Click **Yes**.

4 Click **Next** to start the installation.



5 If prompted by the User Account Control, Click **Yes**.

6 Click Finish.



Chapter 4 Configure the OnRamp

4

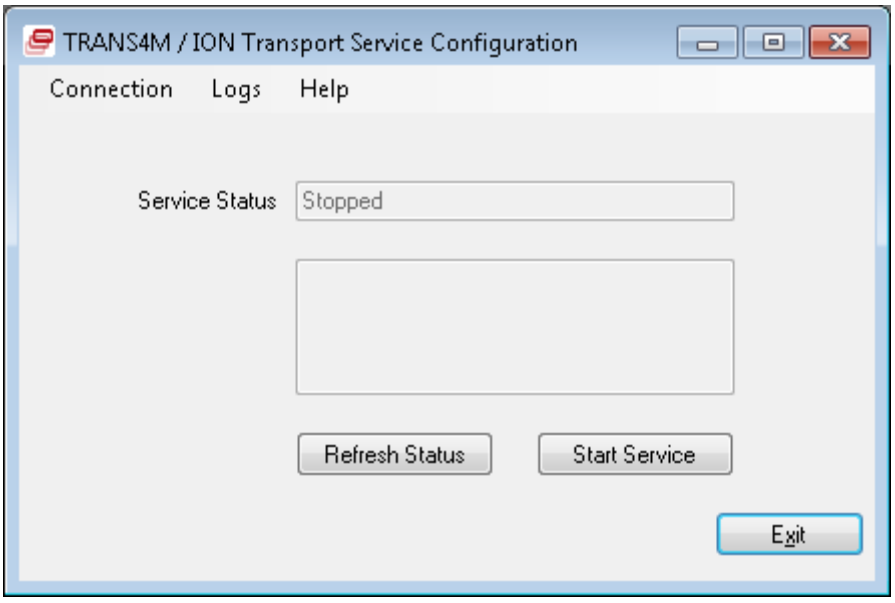
Caution: The OnRamp service must be configured before it is started. When the service is installed it is set to start automatically.

The Onramp service was designed to move BODs to and from Trans4m (Unidata) accounts to their associated intermediate MSSql databases. ION can then move the BODs between ION and the intermediate database.

Setup Connections

1 As an admin user Select **Start>All Programs>Infor> TRANS4M OnRamp Configuration Editor**. Click **Yes** if a UAC prompt is displayed.

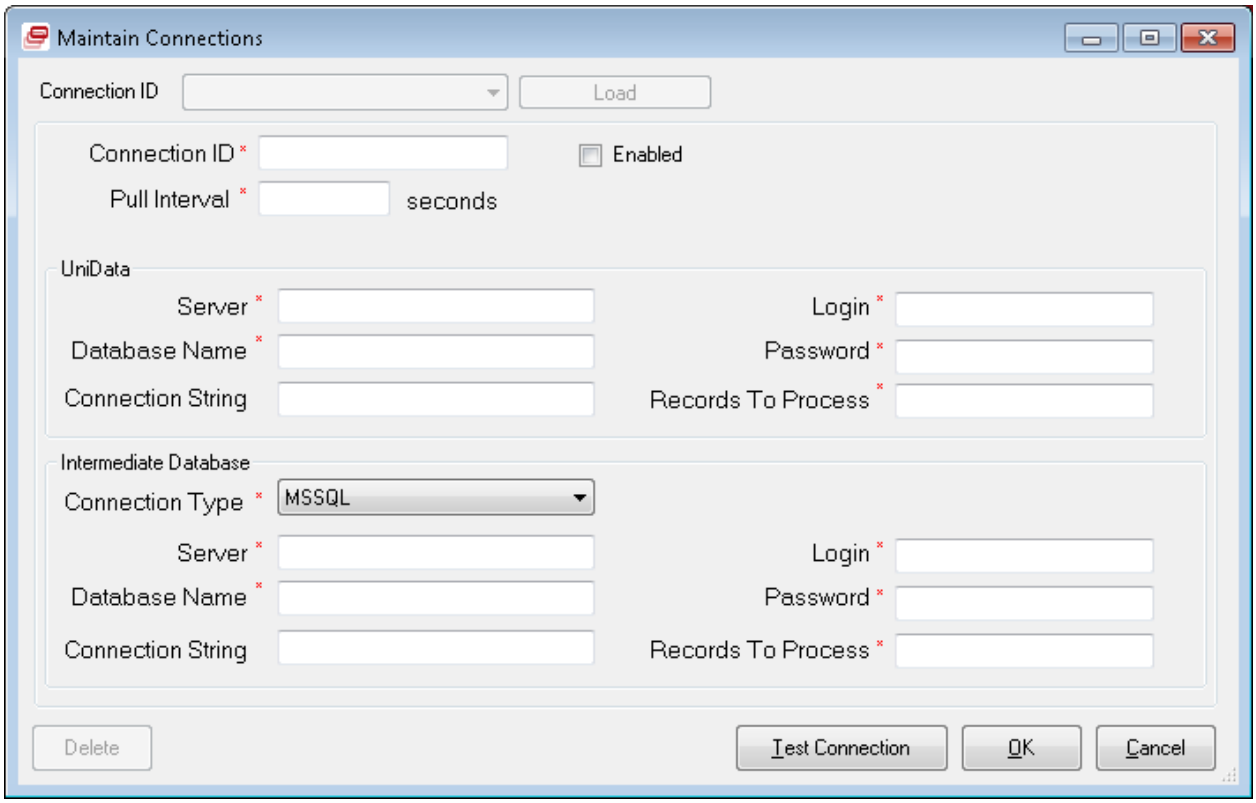
2 The main configuration form will be displayed.



3 Create a connection for each account.

a Click Connection, New Connection

b The following screen will appear. Enter in the required data.



CONNECTION ID

Enter in a connection ID. This will be used in the logs to identify which connection the message is associated with.

ENABLED

Check this box to make the connection enabled. If desired, connections can be setup but not enabled until needed by leaving this unchecked. If no enabled connections exist the service will exit and have to be manually started once an enabled connection exists.

PULL INTERVAL

Enter in a number in seconds. This will control how often messages are checked.

Unidata

SERVER

Enter in the Unidata server name.

DATABASE NAME

Enter in the database name.

CONNECTION STRING

Enter in the connection string if needed by this account.

LOGIN

Enter in the login for this connection.

PASSWORD

Enter in the password for this connection.

RECORDS TO PROCESS

Enter in the number of records to process at a time

Intermediate Database

CONNECTION TYPE

Select MSSql from drop down.

SERVER

Enter in database server name

DATABASE NAME

Enter in database name created above.

CONNECTION STRING

Enter in connection string if needed.

Note: This will be appended to the connection string that is built from above information. This will normally not be needed.

LOGIN

Enter in login to database server created above.

PASSWORD

Enter in password to database server.

RECORDS TO PROCESS

Enter in number of records to process at a time.

TEST CONNECTION

Click this to test if connection settings are correct.

Click **OK** to save.

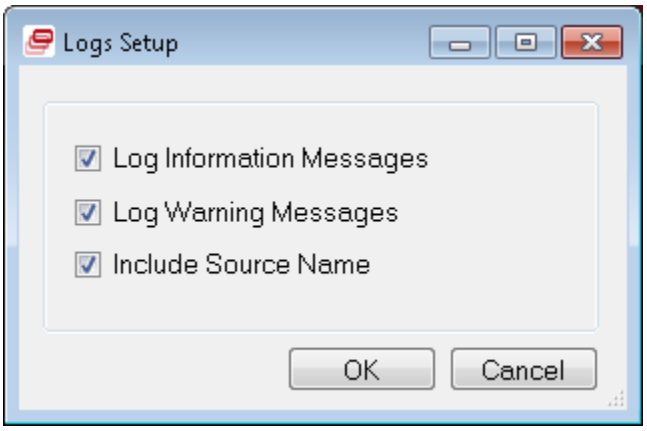
Logs

The OnRamp stores log data in a custom Windows Event Viewer log, Infor.

Update Log Settings

1. From the main form, click Logs, Log Settings.

a The following form will appear.



LOG INFORMATION MESSAGES

Check this to include information type messages in the log. Once he service is up and running properly this can be unchecked to minimize the amount of messages logged.

LOG WARNING MESSAGES

Check this to include warning type messages in the log. It is recommended to leave this checked.

INCLUDE SOURCE NAME

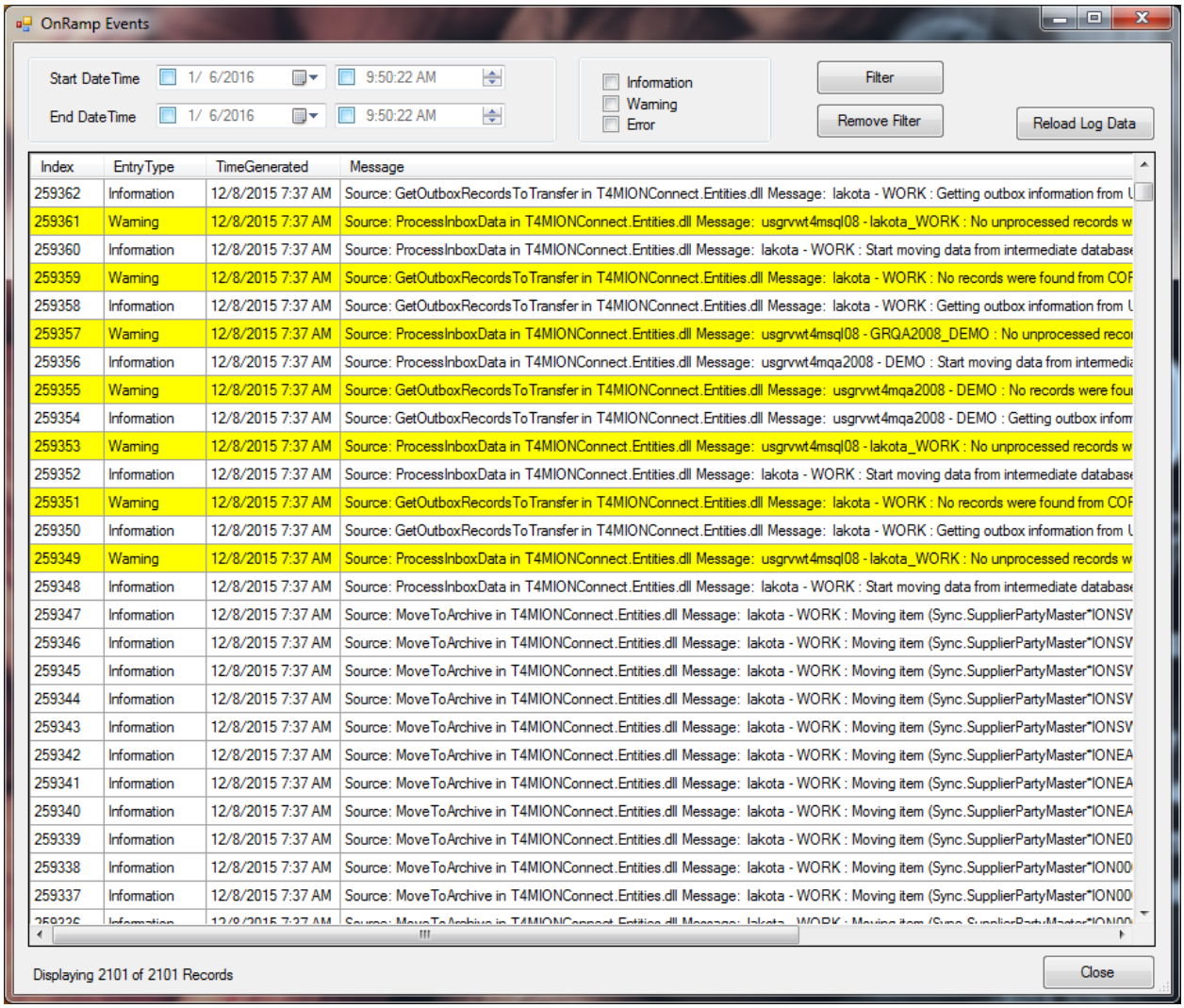
Check this to include where in the service the error occurred. It is recommended to leave this checked.

Note: Error type messages are always recorded in the log.

OnRamp Event Viewer

1 From the main form, click Logs, Log Settings.

2 The following form will display:



START DATE TIME

Select the earliest date and time of messages to display.

END DATE TIME

Select the latest date and time of messages to display.

INFORMATION

If checked Information type messages will be displayed when the Filter button is pressed.

WARNING

If checked warning type messages will be displayed when the Filter button is pressed.

ERROR

If checked error type messages will be displayed when the Filter button is pressed.

FILTER

Click to filter the loaded messages.

REMOVE FILTER

Click to show all messages.

RELOAD LOG DETAILS

Click to load any new event messages.

CLOSE

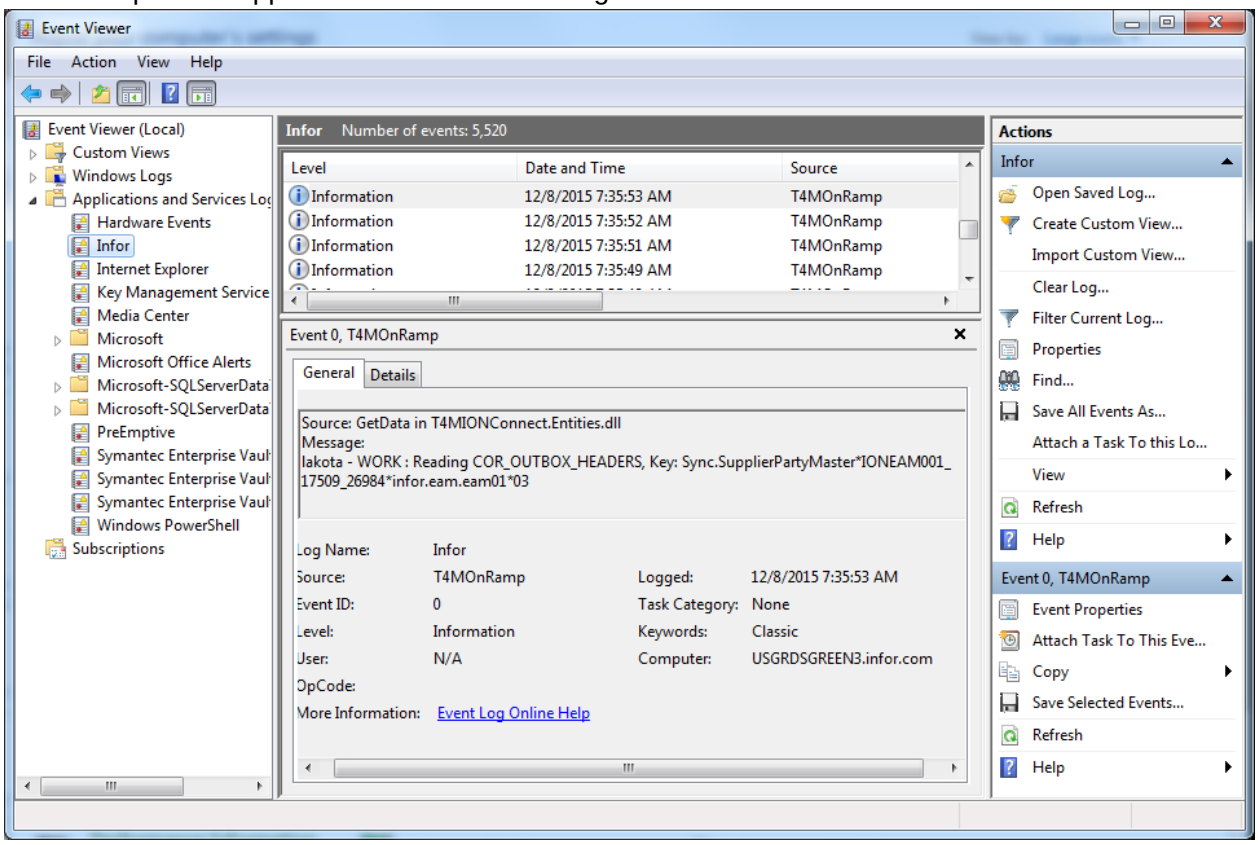
Click to *Close* to close the form.

Increasing number of event messages stored

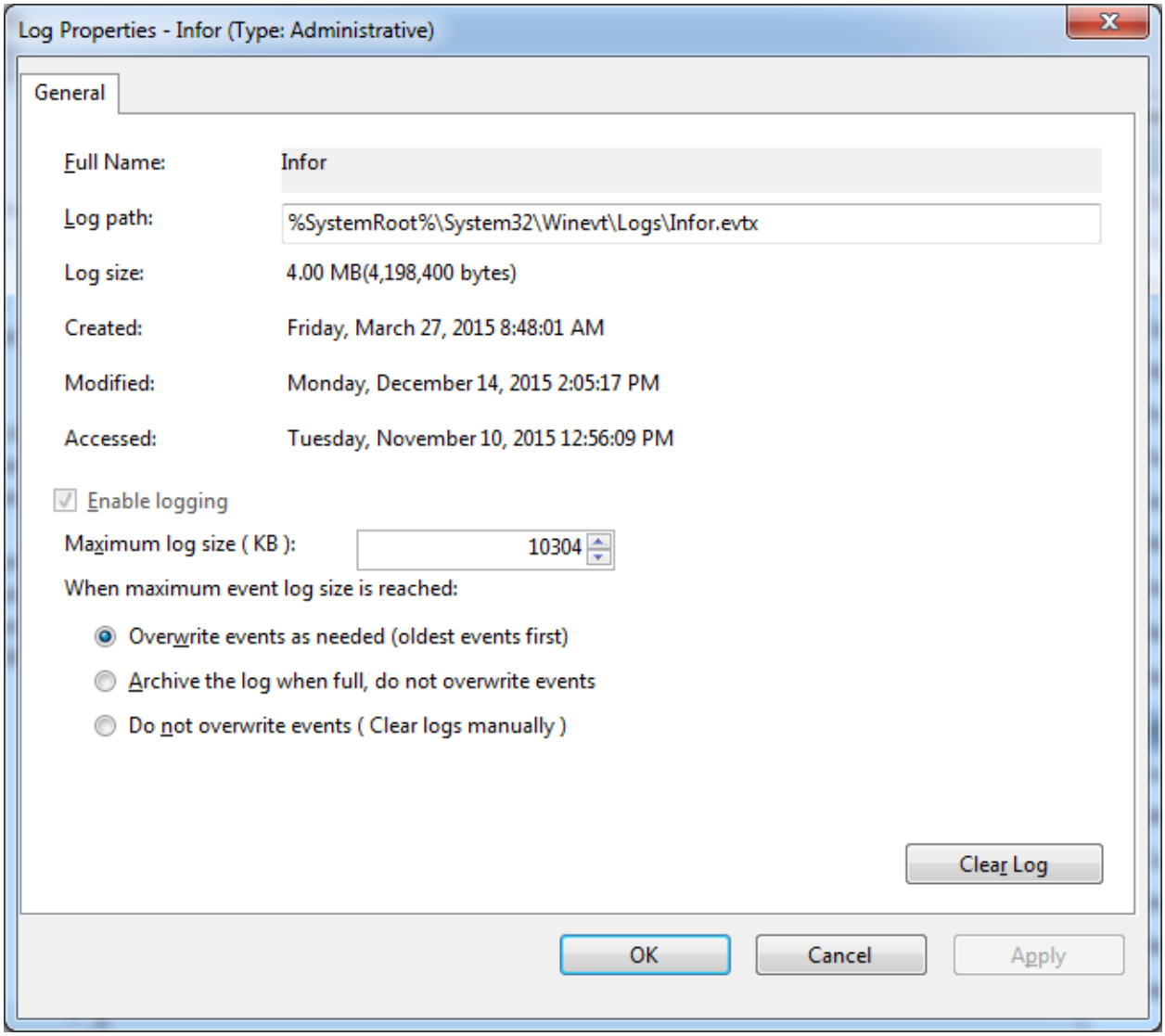
Note: The default windows settings may not store enough error message history depending on the log settings used, number of connections and number of transactions processed. The Trans4m Client messages are also stored in the same log.

1 Open Windows Event Viewer.

2 Open the Applications and Services Log



3 Right Click on the Infor log. Click Properties



4 Increase *the Maximum log size (KB)* as needed.

5 Make sure *Overwrite events as needed (oldest events first)* is selected.

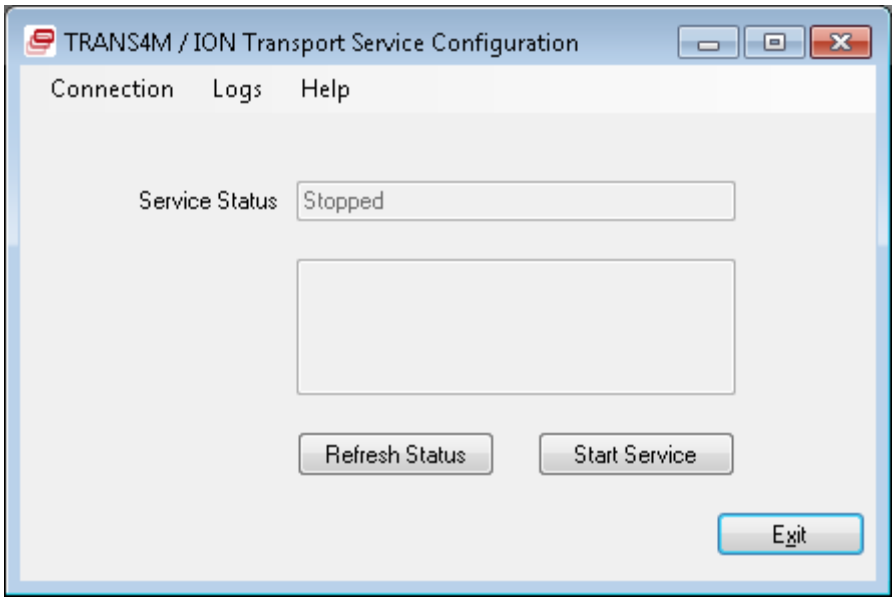
6 Click OK.

Chapter 5 Managing the OnRamp Service

5

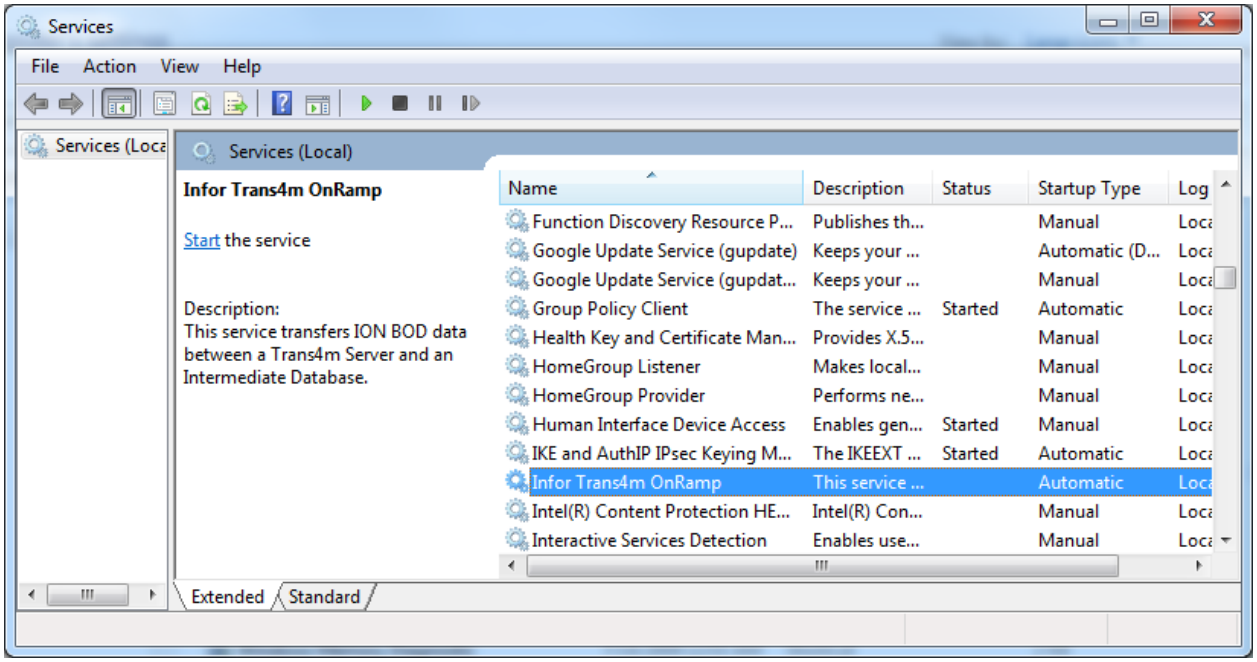
Start from OnRamp Configuration program.

Click Start Service on the main form



Start the service from the Windows Services program.

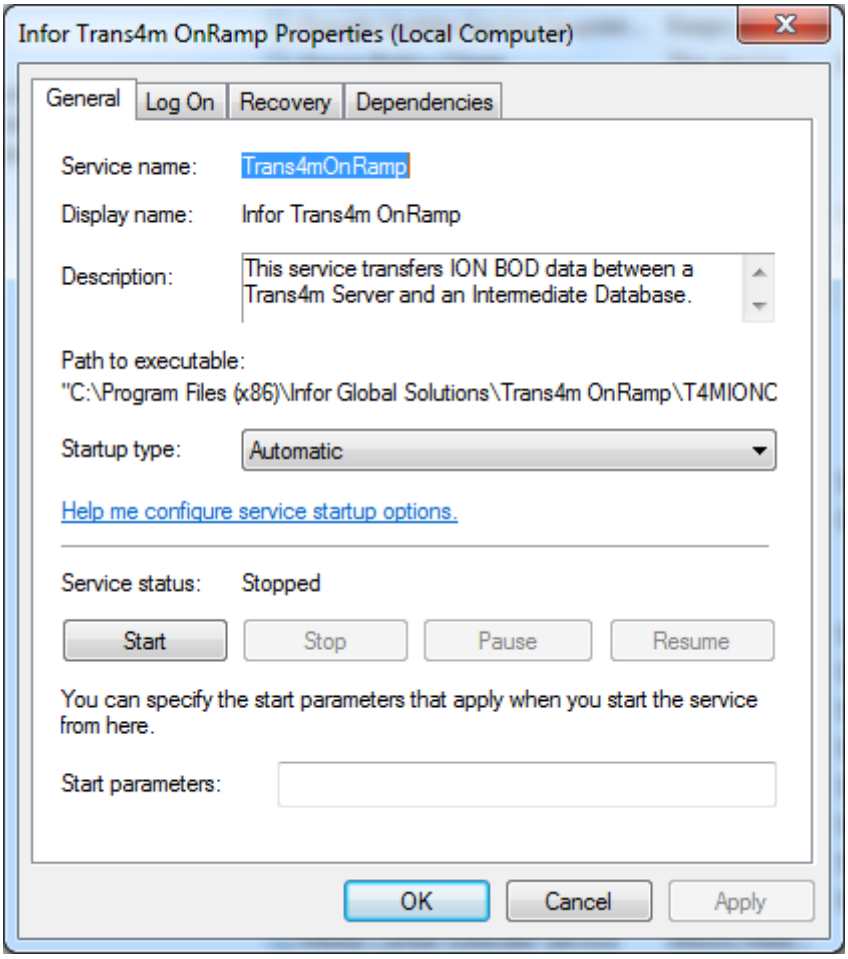
1. Open the Windows Services program
2. Scroll the list down to Infor Trans4m OnRamp.
3. Click Start.



Change Startup Type

1. Open the Windows Services program
2. Scroll the list down to Infor Trans4m OnRamp.
3. Right-click the service and select properties.

4 Change Startup type to desired value.



5 Click OK.