Resource Central

Add-On Products

Migration Tool Guide

Version: 1.2

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Background

Migration Tool is a part of Resource Central (RC) Components which is responsible for taking data from table **Reservations** and putting them into 3 other tables in the database, including: **ReservationTimestamps, ResourceTimestamps and ResourceProcesscedTime**.

The purpose of the tool is to improve on load performance of Resource Finder when loading complex series, using Permissions and Policies, and will also improve on the loading of the Resource Central Backend Reservation list screen.

NOTE: This feature is only supported in Resource Central 4.1 SR3 and higher versions.

How to work with RC Migration Tool

After the installation, launch the tool and you will see the following configuration interface:
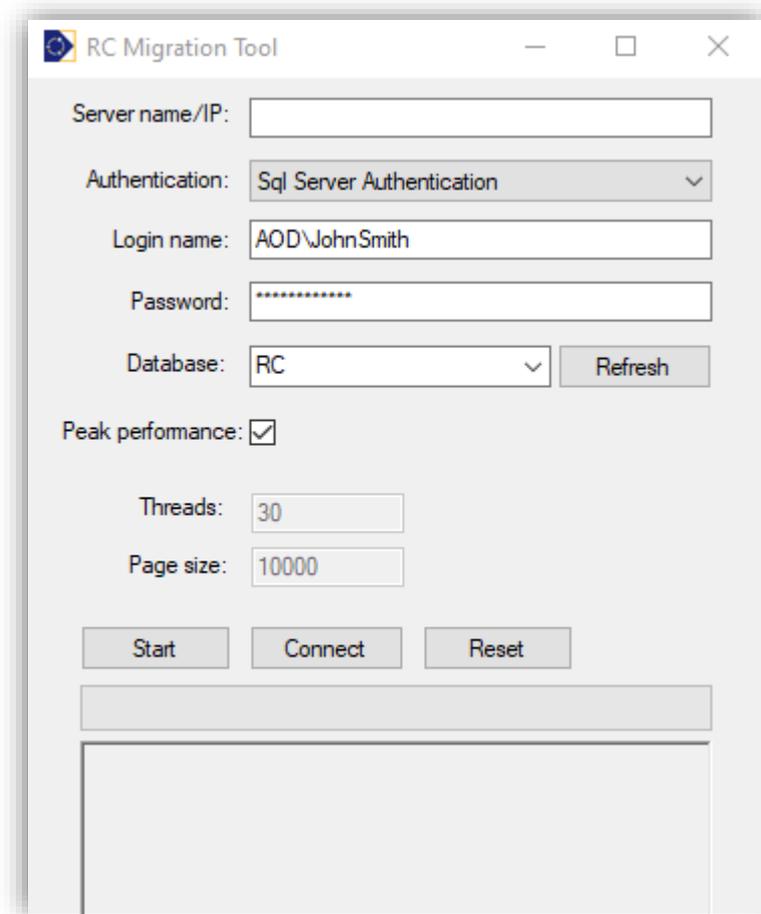
You need to configure the following details:

Server	Enter SQL server URL, server name or server IP address.
Authentication	Select authentication mode
Login name and password	Account information to log into the server
Database	Select database to work on. You can click [Refresh] to retrieve a list of the databases

Peak performance	Check on this option to enable the tool to perform at the highest level, i.e. 100% resources of the machine which will be used to run this tool in order for it to work at its best. This is recommended and also to do this when the load is the lowest on the machine.
Threads	Enter number of threads (see note below)
Page size	Enter number of records run in each thread (see note below)
Start	Click this button to trigger the migration service
Connect	Click this button to test the connection to the server
Reset	Click this button to clear all input data

After that, you can click [**Start**] to start the tool.

After running the migration, you need to enable feature by setting the parameter "**Reservations.ImproveCalendar.Enable**". With this parameter enabled, the data optimized by the Migration Tool is put into use, and the performance improvement function is activated.

NOTE: If you check [**Peak performance**] option, this feature will work with 100% CPU usage on your machine. The following table provides an overview of the threads and page size employed in relation to your machine capacity when you select [**Peak performance**] option:

CPU: 2 cores, 2 GHz RAM: 4 GB
Threads: 2, Page size: 5000

CPU: 4 cores, 2-3 GHz RAM: 8 GB
Threads: 8, Page size: 10000

CPU: 8 cores, 2-3 GHz RAM: 12+ GB
Threads: 16, Page size: 10000

Base on this, you can calculate the threads and page size you might select to adapt your machine.

For example, if your computer has 4 cores, 2-3 GHz RAM: 8 GB, check on [**Peak performance**] option will lead to 100% CPU usage on your machine. If you want to use only 80% of the CPU, you can select 6 Threads and 8000 Page size. But of course, it also depends on whether other applications are using the same machine whether you will actually get the 80% while running the migration.