Network license setup

Client settings

Index

About this document

This document explains the client side settings needed to configure the DeskArtes Expert Series programs to use the Reprise License Manager (RLM) floating network license system, instead of the default DeskArtes standalone licenses.

Before changing the client side settings you need to have a license server running in one of the machines in your network.

For the instructions for installing the license server, see the document "**Network license setup: Server installation**".

The instructions in this document are written for the DeskArtes Expert Series version 12.1 installation packages, containing Reprise RLM version 12.0 BL2 license server and tools.

The document is written using the 3Data Expert 12.1 as an example, but the same instructions can be applied also for the other DeskArtes Expert Series programs: 3Data Expert Lite, Dimensions Expert, Sim Expert and View Expert.
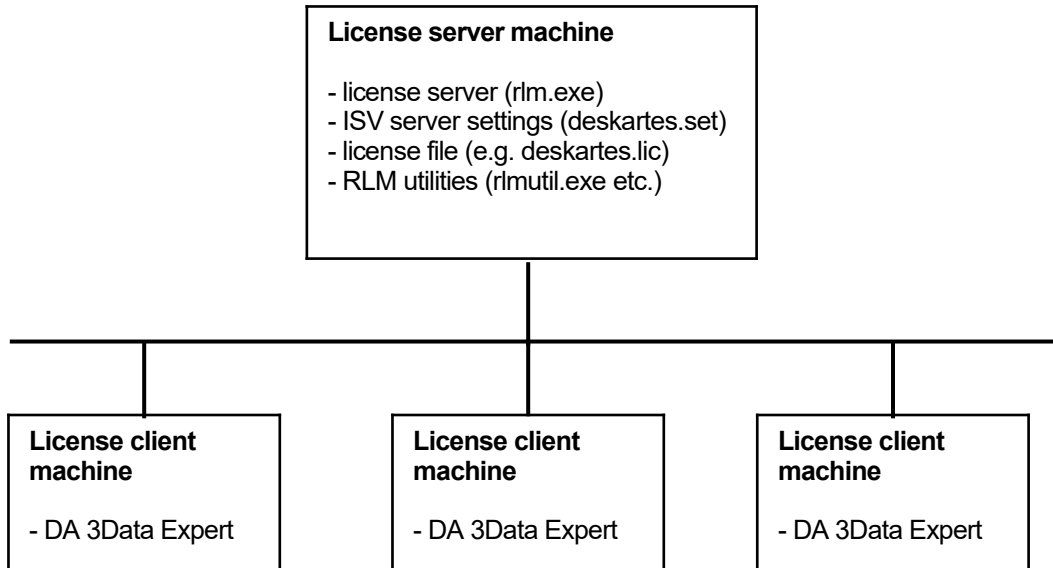
Requirements

The machines running the DeskArtes Expert Series programs with the Reprise RLM network license system have to be connected to the machine running the license server with a network using the TCP/IP protocol.

Terminology

The Reprise RLM network license system, configured for DeskArtes 3Data Expert, consists of the parts illustrated in the following figure.

```
                    ┌──────────────────────────────────┐
                    │  License server machine          │
                    │                                  │
                    │  - license server (rlm.exe)      │
                    │  - ISV server settings (deskartes.set) │
                    │  - license file (e.g. deskartes.lic)   │
                    │  - RLM utilities (rlmutil.exe etc.)    │
                    └──────────────────────────────────┘
                                    │
        ┌───────────────────────────┼───────────────────────────┐
        │                           │                           │
┌─────────────────┐       ┌─────────────────┐       ┌─────────────────┐
│ License client  │       │ License client  │       │ License client  │
│ machine         │       │ machine         │       │ machine         │
│                 │       │                 │       │                 │
│ - DA 3Data Expert │     │ - DA 3Data Expert │     │ - DA 3Data Expert │
└─────────────────┘       └─────────────────┘       └─────────────────┘
```
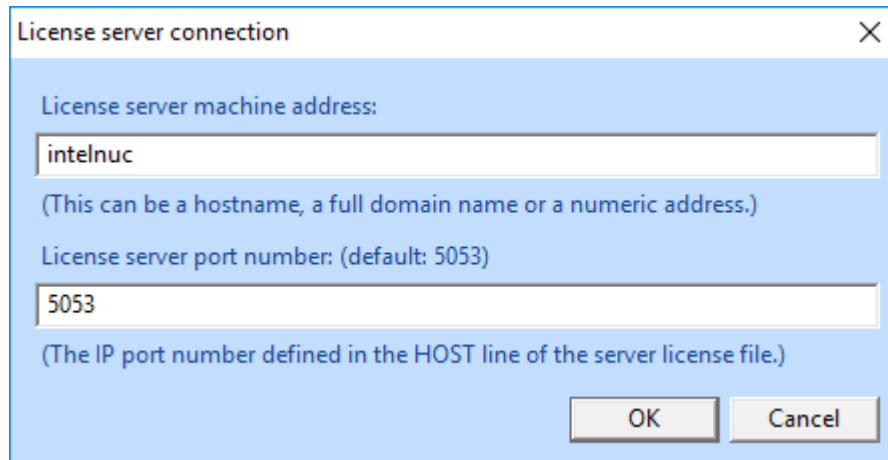
License server machine	The machine where the license server is running.
License client machine	A machine where DeskArtes 3Data Expert is running.
License server program	The program (rlm.exe) controlling the license usage in the network, with help of the ISV server.
ISV server settings file	A platform independent settings file for an ISV server (deskartes.set for DeskArtes programs, like 3Data Expert).
License file	A text file containing the list of available licenses and ISV servers.
RLM utilities	A set of small command line utility programs for handling the license server (rlmutil.exe, rlmhostid.exe, rlmstat.exe, rlmdown.exe, etc.).

Network license client configuration in 3Data Expert

The license system settings can be changed in 3Data Expert by selecting the "Help->Licenses..." menu command.
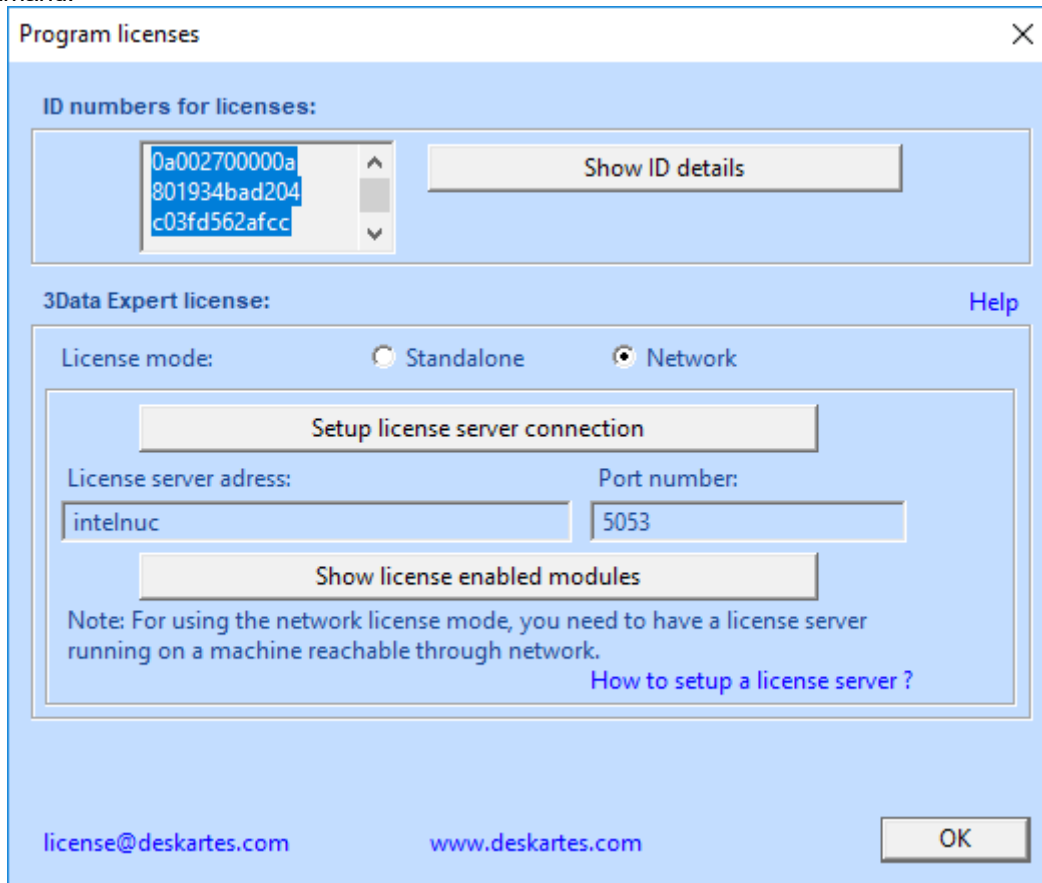
In the Licenses dialog select the "Network" license type and press the "Setup license server connection" button.

Fill in the "License server machine address" and "License server port number".

"**License server machine address** is a network address for the machine where the license server program is running. It can be a simple hostname, a full domain name or a numeric address (for example: licserver, licserver.somedomain.com or 192.168.0.105)"
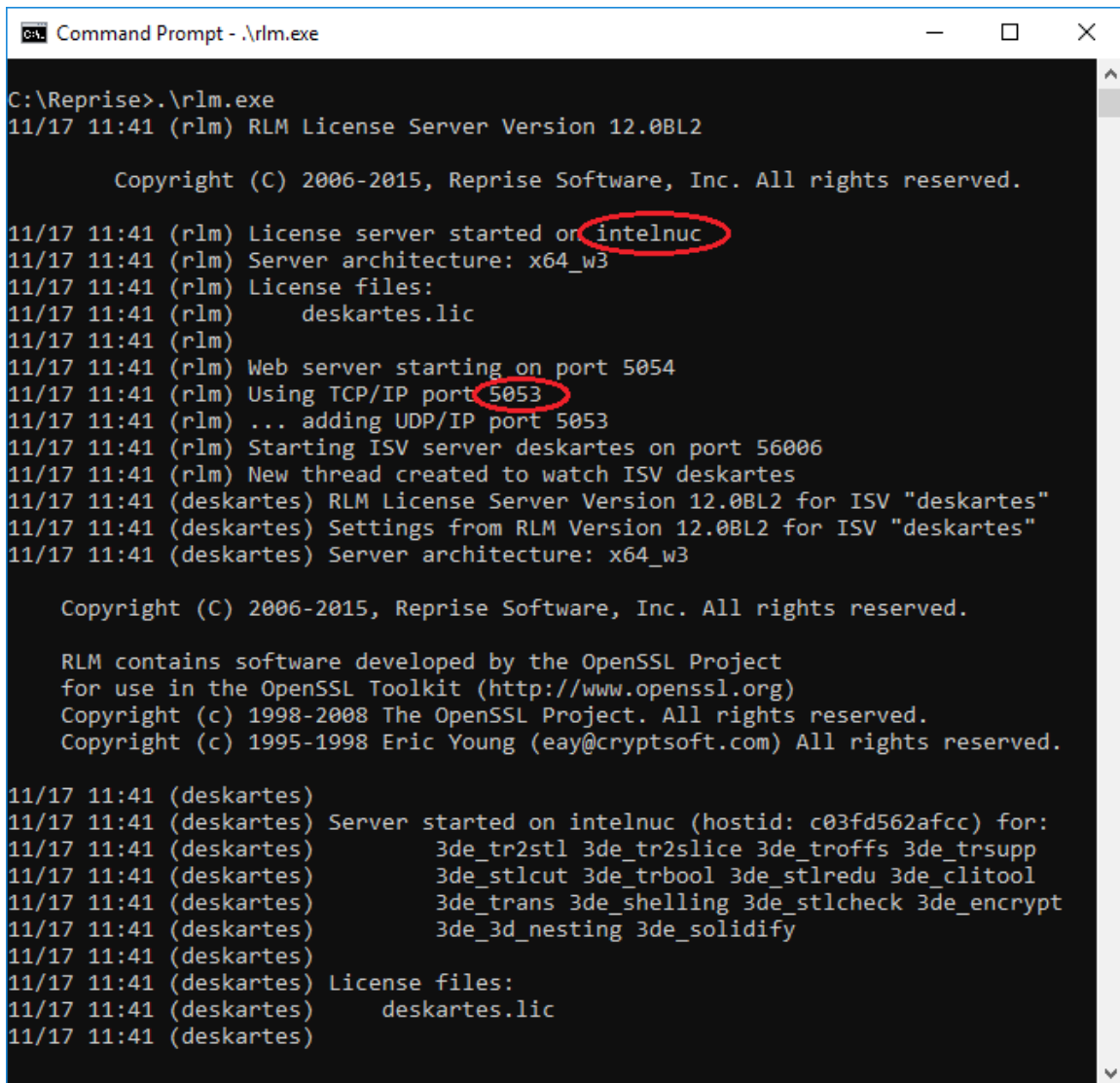
"**License server port number** is the IP port number used by the license server to listen license requests from client machines. The port number is defined in the HOST line of the license file. The default port number is 5053."

The correct port number and the hostname can be checked from the HOST line of the license file (second and fourth field)

or in the license server startup messages (lines: "License server started on ..." and "Using TCP/IP port ...").

Press "OK" in "License server connection" window.

3Data Expert - Untitled ✕

⚠ Note: The license mode was changed to network license.
You need to restart the program to use the new license mode.

OK
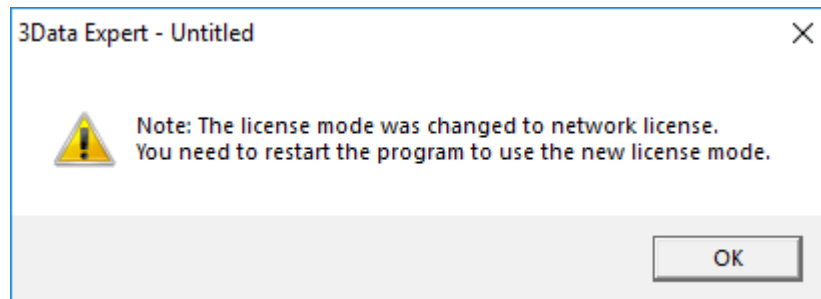
When the program reminds you about need to restart the program, exit the 3Data Expert and start it again.