

DDBSP RLM License Server – Installation Guide

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Introduction

The license server is the rights manager in the DDB system. The server knows how many users can use a DDB program at a time. All single programs like “Dortmund Data Bank”, “Artist”, etc. are asking the license manager for the permission to be executed.

Since 2009 DDBST uses the Reprise License Manager (RLM) from Reprise Software, Inc. (www.reprisesoftware.com). The setup installs RLM as well as a small management program written by DDBST.

The license server and the client programs are communicating via TCP/IP. The client must be able to communicate with the server on two ports, the RLM port and the ISV port. If there is a firewall between the client and the server the firewall must allow connections to both ports (RLM and ISV). On the client computer only the RLM port can be specified. The default RLM port is 5053 (registered by Reprise for the RLM License Server). Changing the RLM port means to changed the port specification on both client and server side. If the ISV port is not specified the server selects a free port by itself which can change on every restart of the server.

When the license server is started it reads a license file (LIC) which can also contain the RLM and ISV port specification. The license file provided by DDBST does neither specify the RLM port nor the ISV port. Example:

```
HOST localhost 12345678
ISV ddbst
...
```

The license file is valid on the host with the computer ID “12345678” only. The HOST line does not contain a port number, so the default RLM port (5053) will be used. The ISV line does not contain a port number, so the license server will select a free port on every start.

Use the *RLM License Configuration* program to change the RLM port or ISV port. Changes made to the contents of the license file other than the port numbers can make the license file invalid!

On the client computer only the license server location (and maybe the RLM port) has to be specified. To use *myserver* as license server on the default RLM port use

```
HOST myserver ANY
```

as license file.

To use *myserver* as license server on RLM port 34522 use

```
HOST myservers ANY 34522
```

as license file.

The license server location and port can be specified during the installation of DDBST. The specification can be changed afterwards using the *RLM License Configuration* program.

The license server contains an optional embedded web server to perform some administration tasks. The default port for the web server is 5054 (registered by Reprise).

Further details about the RLM license server can be found in the RLM end-user manual which is part of the installation or can be found [here](#).

For a **single user license** the license server is not needed.

Installation Requirements

To install the DDBSP RLM License Server administrative rights are required. On systems with UAC turned on the setup will be started with the option “run as administrator”. On Terminal Server editions the setup has to be started from the “add/remove programs” dialog of the control panel.

Installation of the License Server

The setup starts with a *Welcome* dialog. With a click on *Next* the setup shows the *Destination Location* dialog. The *Destination Folder* is the directory where the program files are installed.

The next dialog allows the user to select a name for the program group that will be displayed in the Windows start menu. The option *Create shortcuts for all systems users* will place the program group in the “All users” branch of the Start menu, which will make the installed programs visible for all users working on the computer. The *Create shortcuts for current user* will place the program group in the “Current user” branch and makes it visible only for the currently logged-in user.

The *RLM Options* dialog can be used to activate the embedded web server (deactivated by default) and to specify the web server port (if activated). In addition it can be specified if the server accepts the commands *rlmdown* and/or *rlmremove*.

The next dialog displays all important options that have been selected during the setup process and should be read at least once in order to be sure not to have made a major mistake.

The next step is the installation of the application and service, the creation of the program group, and the registration of the uninstall information.

Finally the *Finish* dialog is displayed.

The license server runs as Windows service application. The *RLM License Configuration* program can be used to request and maintain licenses. The program can also be used to display the license server status and to start or stop the service.

Use the option *Start License Manager now* to run the configuration program immediately after the installation has finished.

The setup will not start the license server after the installation but the server is automatically started on every reboot of the system. The server will be (re-)started manually after the installation of a license.

Request and Install a License

The license request and installation procedure is described in the *RLM License Configuration* documentation.

License Server Administration

The Embedded Web Server

The license server has an embedded web server which can be activated at installation time. The web server is running on port 5054 by default. Please have a look at the end-user manual for details.

The RLM Utility Program

Some license server administration tasks can be performed with the *rlmutil* program. Please have a look at the end-user manual for details.

The RLM License Configuration Program

The RLM License Configuration program can be used to request, install and review licenses (see above). In addition some simple license server administration tasks can be performed: The license server can be started or stopped. Furthermore the status of the license server can be displayed.