



RLM license server install

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This procedure explains how to install an RLM license server to manage Bureau Veritas Marine & Offshore software licenses.

General presentation

RLM (Reprise License Manager) is the license management system adopted by Bureau Veritas for the Marine & Offshore Technical Software.

This presentation is a guidance how to work with network (floating) licenses.

How to obtain network licenses?

How to install the license server?

How to perform license server administration?

Obtaining network licenses

Required information:

- Server machine name
- Server MAC address
- Number of licenses requested for each software

Send this information to mosoftware.license@bureauveritas.com

This information is necessary to generate the `.lic` license file.

Downloading and installing the license server

The license server

The license server will be installed as a Windows service. Every time the server machine is restarted, the license server service will start automatically.

License server is available for download on: <https://marine-offshore.bureauveritas.com/rlm>

- 64 bits executable
- Minimum configuration: Windows 10 or later, Windows Server 2016 or later

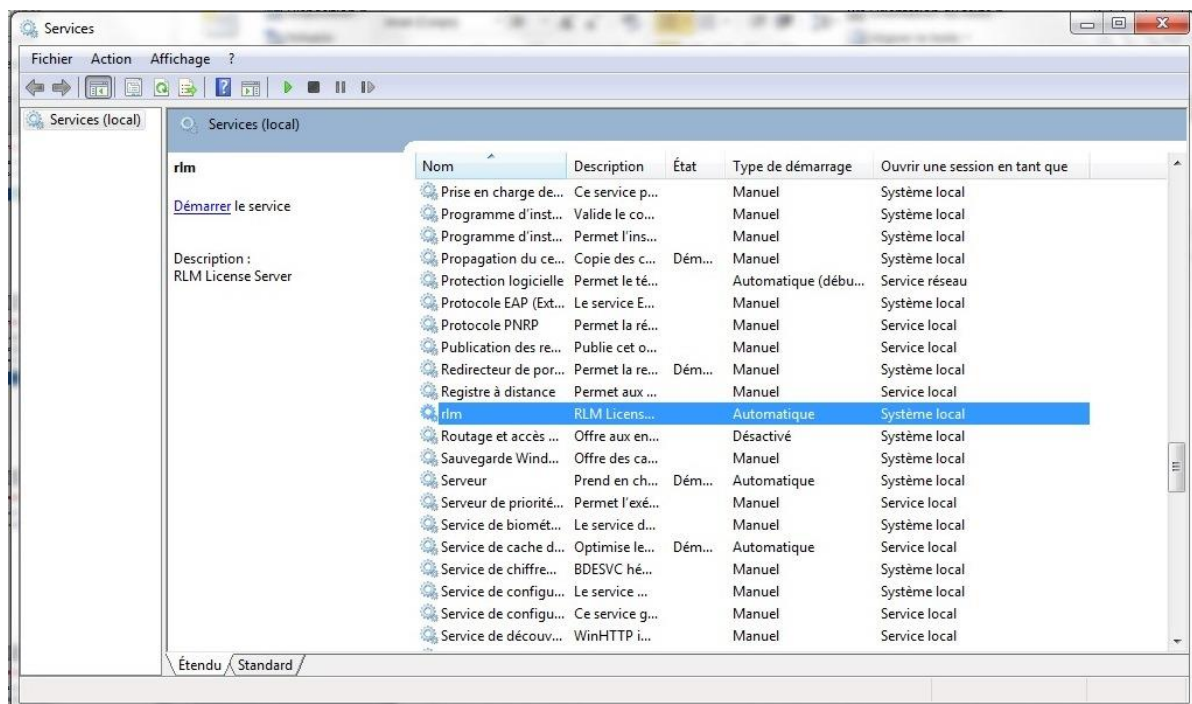
Administrator privileges are required to do the installation.

Installation procedure

- Unzip the server .zip file where you want to install it on the server machine. A server directory will be created.
- Copy your license file(s) (.lic) in the directory.
- Launch a command prompt as administrator (right click > Run as administrator)
- Move to the directory containing rlm.exe using cd command. Example: `cd C:\my_license_server`
- Type `install_windows_service.bat`
- Check there is no error message

Starting the Windows service

- Launch Windows service interface: Windows start menu -> Services
- Start the rlm service
- Congratulations: server installation is completed !



Access to the server administration page

Once the Windows service has been installed and started, you may access to the server administration page by typing <https://servername:5054/> in a browser (replacing *servername* by the name of your server).

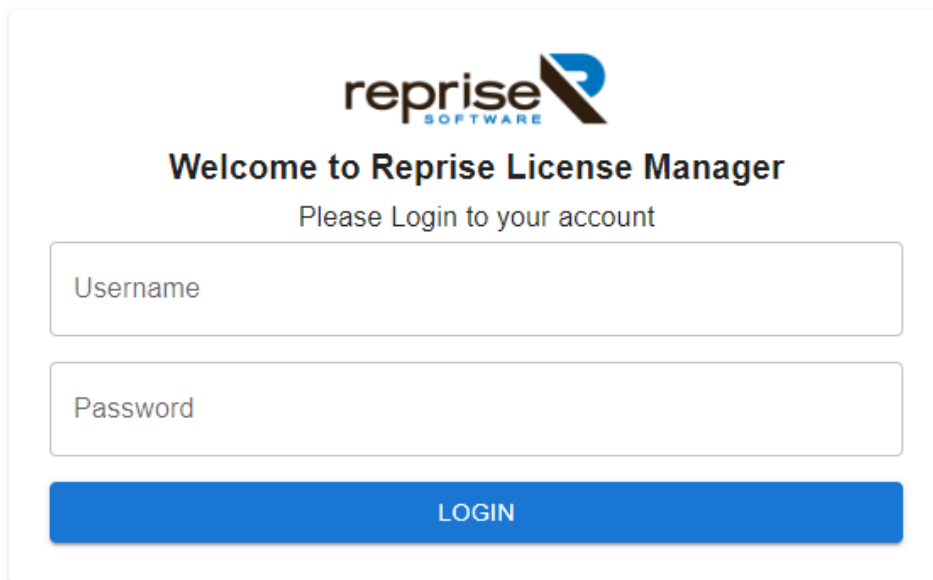
As HTTPS certificates are automatically generated, it is normal to have a warning message in your browser. You can ignore it. The traffic to the web server is indeed encrypted.

In case you have your own HTTPS certificates, you can use them in order to avoid this warning message. You can refer to <https://reprisesoftware.com/docs/admin/rlm-web-server.html>.

The first time you access to the administration page, a login page will be displayed.

Default administrator username and password are **admin** / **admin**.

You will be requested to modify this default password immediately after connection.



The image shows a login page for the Reprise License Manager. At the top, there is the Reprise Software logo, which consists of the word "reprise" in a bold, sans-serif font, with "SOFTWARE" in a smaller, all-caps font below it. To the right of the text is a stylized blue and black icon. Below the logo, the text "Welcome to Reprise License Manager" is displayed in a bold, black font. Underneath this, the instruction "Please Login to your account" is shown in a smaller, regular black font. The page features two input fields: the first is labeled "Username" and the second is labeled "Password". Both labels are in a light gray font and are positioned to the left of their respective input boxes. At the bottom of the form is a prominent blue button with the word "LOGIN" in white, all-caps text.

License server administration

This section is about common administration tasks on the license server:

- Display the licenses (available, in use, roaming)
- Display the users currently using licenses
- Free a blocked license
- Update or replace your license file(s)
- Manage server administration accounts

Administration home page

After log-in, the following page will be displayed:



[Home](#) [Activate](#) [Diagnostic](#) [Documentation](#)



License Server Status on ecwmarmisprapp1 (port 5053)

Server Action:

Reread / Restart All Servers

Shutdown All Servers

Total Servers: 1

▼ mdrltd

Port: 59748

Start Time: Jul 25, 2024 10:35:33 AM

⋮

It shows:

- The name of the server and the RLM port.
- Bureau Veritas Marine & Offshore ISV (Independent Software Vendor) name, mdrltd, and the ISV port.

Software list

While expanding “mdrltd”, you will see the list of available software and modules managed by the license server.

Available information: maintenance end date (as version), expiration date, number of licenses (count), number of licenses in use and number of roaming licenses.

^ mdrltd Port: 59748 Start Time: Jul 25, 2024 10:35:33 AM ⋮														
	Pool	Product	Version	Expiration	Count	Soft Limit	In-Use	Roam	Reserved	Hostid	Timeout	Share	Total Checkouts	Named User List
▼	1	ar7stat	2032.07	juil. 07, 2032	500	500	0	0	0	ANY	0	None	0	N/A
▼	2	ar7lds	2032.07	juil. 07, 2032	500	500	0	0	0	ANY	0	None	0	N/A
▼	3	mcs_idm	2032.07	juil. 07, 2032	500	500	0	0	0	ANY	0	None	0	N/A
▼	4	dp_module	2032.07	juil. 07, 2032	500	500	0	0	0	ANY	0	None	0	N/A
▼	5	hstar4expert	2032.07	juil. 07, 2032	500	500	0	0	0	ANY	0	None	27	N/A

Software details and remote license release

If you expand one software in particular, you will see the list of users (with user name and machine name) currently holding a license.

▼	10	vhpassenger	2032.07	juil. 07, 2032	500	500	3	1	0	ANY	0	None	153	N/A
^	11	veristarstability	2032.07	juil. 07, 2032	500	500	4	1	0	ANY	0	None	104	N/A

Product	Pool	Version	User	Host	Requested Version	Checked Out	Reserved	Time	Roam Return	PID	Action
veristarstability	11	2032.07	xsun	l10sgsgp01spo21	2022.01	1	0	Jul 26, 2024 01:22:25 PM	Aug 27, 2024 02:00:00 AM	15824	
veristarstability	11	2032.07	nkrenz	dehbr01s-majuu	2022.01	1	0	Jul 29, 2024 10:47:10 AM	--	12820	
veristarstability	11	2032.07	fpalade	rogit01s-00fpal	2022.01	1	0	Jul 29, 2024 10:52:03 AM	--	15248	
veristarstability	11	2032.07	dkorunovic	l10frsms01dkc	2022.01	1	0	Jul 29, 2024 10:54:04 AM	--	11576	
veristarstability	11	2032.07	hkarumbi	l10aedubbv10797	2022.01	1	0	Jul 29, 2024 10:55:25 AM	--	24404	

▼	12	intactlongitudinalstrength	2032.07	juil. 07, 2032	500	500	4	1	0	ANY	0	None	104	N/A
▼	13	damagestability	2032.07	juil. 07, 2032	500	500	4	1	0	ANY	0	None	104	N/A

In order to force the release of a license, click on the “bin” icon.

Roaming licenses cannot be released remotely.

Reread license file and restart server

If you have updated the license file in the server directory, it is necessary to force the server to read the new files.

In the server administration main page, click on « Reread / Restart all servers » and confirm.

Home Activate Diagnostic Documentation

License Server Status on ecwmarmisprapp1 (port 5053)

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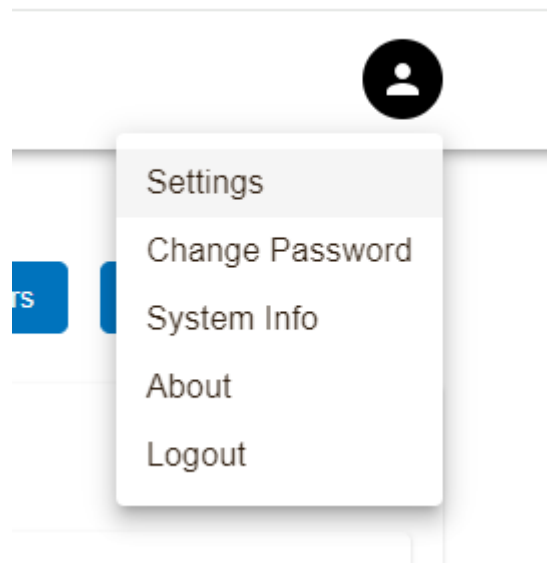
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Manage accounts

In case several persons need to access to the server administration page, accounts can be created for each of them.

Click on the person icon and choose « *Settings* ».



In order to create an account, type a username and choose a role, then click on « *Create user* ».

Roles are the following:

Permission Level	Description
View	Can view the status of all ISV servers, products available on each ISV server, as well as usage information.
Manage	All <i>View</i> user permissions. <i>Manage</i> adds control over ISV servers (reread/restart, shutdown, view options and logs), checkout removal, can add and remove named users, license activation, and the ability to view and download diagnostics.
Admin	All <i>View</i> and <i>Manage</i> permissions. Adds access to the <i>Settings</i> menu, which includes user creation, modification, and permission level control.

List of existing accounts are listed below.

Settings
[USER MANAGEMENT](#)
RLM DEBUG LOG
RLM OPTIONS

User Management

User Name	Account Type	Actions
 admin	admin	 
 gde-hauteclocque	manage	 
 mbouzonville	manage	 
 sbeyaert	manage	 

Click on the « bin » icon to delete an account.

Need more information?

- The license server administration manual provided by Reprise Software is available here:
<https://reprisesoftware.com/docs/admin/basics-admin.html>
- Please send an email to mosoftware.license@bureauveritas.com if you need technical assistance