



RELEASE NOTES

**EMC® NetWorker®
License Manager**
7th Edition

Release Notes

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These release notes contain supplemental information about this release of EMC NetWorker License Manager software. Topics include:

- ◆ Product description 2
- ◆ New features and changes 2
- ◆ Fixed problems 2
- ◆ Environment and system requirements 2
- ◆ Known problems and limitations 2
- ◆ Technical notes 4
- ◆ Documentation 4
- ◆ Software media, organization, and files 4
- ◆ Installation 4
- ◆ Troubleshooting and getting help 4

Product description

The EMC NetWorker[®] License Manager provides a central server location to manage all EMC product licenses. Once the License Manager is installed and functional, it is no longer necessary to physically go to each NetWorker server to perform license upgrades and authorizations.

New features and changes

The NetWorker License Manager includes the following features:

- ◆ The NetWorker License Manager is an installation option with NetWorker releases and is required for certain advanced reporting features.
- ◆ The NetWorker License Manager issued with the NetWorker release 7.x is supported on all platforms that support the NetWorker server. It also can be run on most platforms that support the same NetWorker release 7.x client. See the *EMC NetWorker Software Compatibility Guide* for more information.
- ◆ The NetWorker License Manager provides flexibility to NetWorker server setups by allowing an administrator to move servers within a domain and to decommission and recommission a server with minimal disruption to the licensing process.
- ◆ Only one installation of the NetWorker License Manager is required on a network. The License Manager should not be installed unless it is deployed. Although it is an installation option with the NetWorker software, do not select it for any computer other than a primary or backup license server.
- ◆ Once a NetWorker License Manager server is set up, you can use NetWorker console software to set up the NetWorker servers to contact the License Manager server for their licenses.
- ◆ The NetWorker License Manager does not validate licenses; it accepts all valid EMC licenses and authorization codes. Validation occurs in the application (such as the NetWorker software), which determines whether a license of a specific type is required to use the product or a specific feature of the product, and then requests such license from the License Manager.

Fixed problems

This section is currently not applicable to the NetWorker License Manager product.

Environment and system requirements

This section is currently not applicable to the NetWorker License Manager product.

Known problems and limitations

The following known limitations exist for the NetWorker License Manager software.

NetWorker License Manager not functional on cluster nodes

Do not install or run the `lgtolmd` program on a virtual `nsrd` cluster node. If it is run on a NetWorker server failover cluster node, the program will not restart in a failover situation.

Licenses not released by `lgtolic` (LGTpa49953)

Occasionally the NetWorker License Manager software does not release an allocated license. If the NetWorker License Manager does not free the license, remove the license from the server, and then delete the usage resource manually.

Remove the license

To remove the license on the externally managed NetWorker server, do the following:

1. Delete the enabler code on the NetWorker server.
2. Delete the usage resource on the License Manager server:
 - a. Run the `nsradmin` program on the License Manager server:

```
nsradmin -s NLM_servername -p 390115 -v 1
```

- b. Run the `lgtolic` utility with the `-s` option to display information such as the license type and features:

```
lgtolic -s "":1" -l
```

```
name: NetWorker Client Connections/500
```

```
enabler code: fb767d-aa0740-872431 (2142#000001762)
```

```
license type: C500 (67/00 00 00 00 00/500)
```

```
auth code: 47b7dd45
```

```
expires: never
```

Note: The license type is a numerical value obtained from the `lgtolic` output; it occurs as the first numerical value within the parentheses (67, in this example).

- c. At the prompt, delete the usage resource as follows, providing the details of type and features provided by the `lgtolic` output:

```
nsradmin><b>delete type:GLM usage; license type:numerical_value;
name:"NetWorker_server:nsrd"; count:1

```

Use short server name when creating global allowances with NetWorker License Manager

When creating global allowances for a NetWorker server using NetWorker License Manager, only use the short server name, not the fully qualified domain name. For example:

- ◆ Correct: `server_name`
- ◆ Incorrect: `server_name.emc.com`

See the *EMC NetWorker License Manager Installation and Administration Guide* for more information on creating allowances using NetWorker License Manager.

Internationalization support

This section is currently not applicable to the NetWorker License Manager product.

Technical notes

This section is currently not applicable to the NetWorker License Manager product.

Documentation

For more information on the NetWorker License Manager software, refer to these related documents:

- ◆ *EMC NetWorker, Release 7.4 Service Pack 1 Multiplatform Version Administration Guide*
- ◆ *EMC NetWorker, Release 7.4 Service Pack 1 Multiplatform Version Installation Guide*
- ◆ *EMC NetWorker Release 7.4 Service Pack 1 Multiplatform Version Disaster Recovery Guide*
- ◆ *EMC NetWorker Command Reference Guide*
- ◆ *EMC NetWorker Error Message Guide*
- ◆ *EMC NetWorker Release 7.4 Service Pack 1 Release Notes*
- ◆ UNIX man pages
- ◆ *EMC Information Protection Software Compatibility Guide*

Software media, organization, and files

This section is currently not applicable to the NetWorker License Manager product.

Installation

This section is currently not applicable to the NetWorker License Manager product.

Troubleshooting and getting help

EMC support, product, and licensing information can be obtained as follows.

Product information — For documentation, release notes, software updates, or for information about EMC products, licensing, and service, go to the EMC Powerlink® website (registration required) at:

<http://Powerlink.EMC.com>

Technical support — For technical support, go to EMC Customer Service on Powerlink. To open a service request through Powerlink, you must have a valid support agreement. Please contact your EMC sales representative for details about obtaining a valid support agreement or to answer any questions about your account.

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