



RELEASE NOTES

**EMC® NetWorker®
License Manager**
8th Edition

Release Notes

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

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Product description

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

New features and changes

License Manager includes the following features:

- ◆ It is an installation option with NetWorker releases and is required for certain advanced reporting features.
- ◆ The 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.
- ◆ 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 License Manager is required on a network. 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 License Manager server is set up, you can use NetWorker Management Console software to set up the NetWorker servers to contact the License Manager server for their licenses.
- ◆ 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 License Manager.

Fixed problems

This section does not currently apply to the License Manager product.

Environment and system requirements

This section does not currently apply to the License Manager product.

Known problems and limitations

This section lists known limitations for the License Manager software.

NetWorker License Manager not functional on cluster nodes

Do not install or run the **lgtolmd** program on a cluster node, because it might 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, then remove the license from the server, and delete the usage resource manually.

Remove the license

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

1. Delete the license resource on the NetWorker server.
2. 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).

3. Delete the usage resource on the License Manager server:
 - a. Run the **nsradmin** program on the License Manager server:
- b. 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, use only 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 does not currently apply to the License Manager product.

Technical notes

This section does not currently apply to the License Manager product.

Documentation

For more information about License Manager software, refer to these related documents:

- ◆ *EMC NetWorker Release 7.5 Multiplatform Version Administration Guide*
- ◆ *EMC NetWorker Release 7.5 Installation Guide*
- ◆ *EMC NetWorker Release 7.5 Multiplatform Version Disaster Recovery Guide*
- ◆ *EMC NetWorker Licensing Process Guide, First Edition*
- ◆ *EMC NetWorker Command Reference Guide* or UNIX man pages
- ◆ *EMC NetWorker Error Message Guide*
- ◆ *EMC NetWorker Release 7.5 Release Notes*
- ◆ *EMC Information Protection Software Compatibility Guide*

Software media, organization, and files

This section does not currently apply to the License Manager product.

Installation

This section does not currently apply to the 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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