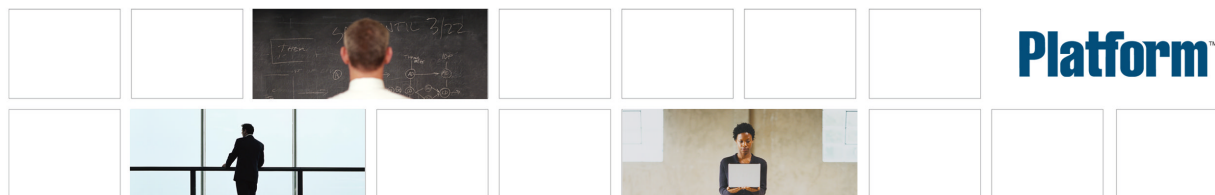

Release Notes for Platform License Scheduler

Platform LSF License Scheduler
Version 7 Update 4
Release date: October 2008
Last modified: October 7, 2008



Contents

Release Notes for Platform LSF License Scheduler Version 7 Update 4	3
Upgrade and Compatibility Notes	3
What's Changed in Platform LSF License Scheduler Version 7	3
Known Issues	4
Download the Platform LSF License Scheduler Version 7 Distribution Packages	5
Install Platform LSF License Scheduler Version 7	6
Get Technical Support	6
Copyright	7

Release Notes for Platform LSF License Scheduler Version 7 Update 4

Release date: October 2008

Last modified: October 7, 2008

Comments to: doc@platform.com

Support: support@platform.com

Upgrade and Compatibility Notes

What's new in Platform LSF License Scheduler Version 7 Update 4

For detailed information about what's new in Platform LSF License Scheduler Version 7, visit the Platform Computing Web site to see [Features and Benefits](#).

LSF compatibility

Platform LSF License Scheduler Version 7 is compatible with LSF 7, and LSF 6.x servers.

System requirements

See the Platform Computing Web site for technical information about supported operating systems and system requirements for [Platform LSF License Scheduler](#).

What's Changed in Platform LSF License Scheduler Version 7

- [Changed behavior](#) on page 3
- [New and changed configuration parameters and environment variables](#) on page 4
- [New and changed commands, options, and output](#) on page 4
- [New and changed configuration files](#) on page 4
- [New and changed accounting and job event fields](#) on page 4

Changed behavior

Flexible grid interface plugin

The Platform LSF License Scheduler flexible grid interface license management plugin is no longer supported.

License Scheduler failover daemon

The License Scheduler failover daemon (FOD) is a daemon running under Platform LSF License Scheduler that provides failover support for bl col lect by controlling and monitoring the bl col lect instances. If a bl col lect instance aborts, the failover daemon

starts up a new `bl collect` instance. The failover daemon itself runs on the master host and is protected by master host failover.

Since the failover daemon controls `bl collect`, you can only shut down `bl collect` by shutting down the failover daemon.

The Platform LSF License Scheduler failover daemon package is a part of the Platform LSF License Scheduler Version 7 Update 4, and can be found in the `fod` subdirectory of the License Scheduler distribution file. See the README file in the `fod` subdirectory for more information.

License token distribution by demand

License Scheduler Update 4 introduces a new algorithm to distribute tokens to projects based on configured share account of projects instead of considering all projects regardless of their demand for tokens. License Scheduler now takes projects with demand into account. Projects without demand are excluded. See *Using Platform LSF License Scheduler* for an example of how licenses are shared according to the share assignment ratio when there is demand.

New and changed configuration parameters and environment variables

No configuration parameters or environment variables are new or changed for LSF License Scheduler Version 7 Update 4.

New and changed commands, options, and output

The following command options and output are new or changed for LSF License Scheduler Version 7 Update 4:

blplugins (obsolete)

The `blplugins` command is no longer supported.

New and changed configuration files

No new configuration files have been added in Platform LSF License Scheduler Version 7 Update 4.

New and changed accounting and job event fields

No changes have been made to accounting files for Platform LSF License Scheduler Version 7 Update 4.

Known Issues

Platform LSF License Scheduler Version 7 Update 4

When installing License Scheduler standalone, the installer removes EGO environment variables from `cshrc.lsf` and `profile.lsf`. Specify a different `LSF_TOP` from the LSF installation to install standalone License Scheduler.

Download the Platform LSF License Scheduler Version 7 Distribution Packages

Download the LSF License Scheduler distribution packages two ways:

- Through FTP at `ftp.platform.com`
- Through the World Wide Web at `my.platform.com`

Download LSF through FTP

Access to the Platform FTP site is controlled by login name and password. If you cannot access the distribution files for download, send email to support@platform.com.

1. Log on to the LSF file server.
2. Change to the directory where you want to download the LSF distribution files. Make sure that you have write access to the directory. For example:

```
# cd /usr/share/lsf/tarfiles
```

3. FTP to the Platform FTP site:

```
# ftp ftp.platform.com
```

4. Provide the login user ID and password provided by Platform.
5. Change to the directory for the License Scheduler Version 7 release:

```
ftp> cd /distrib/7.0/license_scheduler_update4
```

6. Set file transfer mode to binary:

```
ftp> binary
```

7. Get the distribution packages for the products you want to install on the supported platforms you need. For example:

- For the Solaris 10 64-bit version of LSF License Scheduler Version 7:

```
ftp> get lsf7Update4_licsched_sparc-sol10-64.tar.Z
```

Tip:

Do not uncompress and extract the distribution files.

8. Exit FTP.

```
ftp> quit
```

Download LSF from my.platform.com

You must provide your Customer Support Number and register a user name and password on `my.platform.com` to download LSF.

To register at `my.platform.com`, click New User? and complete the registration form. If you do not know your Customer Support Number or cannot log in to `my.platform.com`, send email to support@platform.com.

Products > Platform LSF Family > LSF 7.0 Update 4 > LSF License Scheduler

1. Navigate to <http://my.platform.com>.
2. Choose Products > Platform LSF Family > LSF 7.0 Update 4 > LSF License Scheduler.
3. Under Download, choose Product Add Ons.
4. Select the Updates, Packages, and Documentation you wish to download.
5. Log out of my. platform. com.

Install Platform LSF License Scheduler Version 7

Installing Platform LSF License Scheduler involves the following steps:

1. Get a DEMO license (license.dat file).
2. Run the installation programs.

Get a Platform LSF demo license

Before installing Platform LSF License Scheduler, you must get a demo license key.

Contact license@platform.com to get a demo license.

Put the demo license file license.dat in the same directory where you downloaded the Platform LSF License Scheduler product distribution tar files.

Run the Platform LSF License Scheduler installation

See *Using Platform LSF License Scheduler* for installation and configuration steps.

Get Technical Support

Contact Platform

Contact Platform Computing or your LSF vendor for technical support. Use one of the following to contact Platform technical support:

Email

support@platform.com

World Wide Web

www.platform.com

Mail

Platform Support
Platform Computing Inc.
3760 14th Avenue Markham
Ontario Canada L3R 3T7

When contacting Platform, please include the full name of your company.

See the Platform Web site at www.platform.com/company/contact-us for other contact information.

Get patch updates and other notifications

To get periodic patch update information, critical bug notification, and general support notification from Platform Support, contact supportnotice-request@platform.com with the subject line containing the word "subscribe".

To get security related issue notification from Platform Support, contact securenotice-request@platform.com with the subject line containing the word "subscribe".

We'd like to hear from you

If you find an error in any Platform documentation, or you have a suggestion for improving it, please let us know:

Email

doc@platform.com

Mail

Information Development
Platform Computing Inc.
3760 14th Avenue Markham
Ontario Canada L3R 3T7

Be sure to tell us:

- The title of the manual you are commenting on
- The version of the product you are using
- The format of the manual (HTML or PDF)

Copyright

© 1994-2008, Platform Computing Inc.

Although the information in this document has been carefully reviewed, Platform Computing Inc. ("Platform") does not warrant it to be free of errors or omissions. Platform reserves the right to make corrections, updates, revisions or changes to the information in this document.

UNLESS OTHERWISE EXPRESSLY STATED BY PLATFORM, THE PROGRAM DESCRIBED IN THIS DOCUMENT IS PROVIDED "AS IS" AND WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL PLATFORM COMPUTING BE LIABLE TO ANYONE FOR SPECIAL, COLLATERAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION ANY LOST PROFITS, DATA, OR SAVINGS, ARISING OUT OF THE USE OF OR INABILITY TO USE THIS PROGRAM.

Document redistribution policy

This document is protected by copyright and you may not redistribute or translate it into another language, in part or in whole.

Internal redistribution

You may only redistribute this document internally within your organization (for example, on an intranet) provided that you continue to check the Platform Web site for updates and update your version of the documentation. You may not make it available to your organization over the Internet.

Trademarks

LSF is a registered trademark of Platform Computing Corporation in the United States and in other jurisdictions.

POWERING HIGH PERFORMANCE, PLATFORM COMPUTING, PLATFORM SYMPHONY, PLATFORM JOBSCHEDULER, and the PLATFORM and PLATFORM LSF logos are trademarks of Platform Computing Corporation in the United States and in other jurisdictions.

UNIX is a registered trademark of The Open Group in the United States and in other jurisdictions.

Linux is the registered trademark of Linus Torvalds in the U.S. and other countries.

Microsoft is either a registered trademark or a trademark of Microsoft Corporation in the United States and/or other countries.

Windows is a registered trademark of Microsoft Corporation in the United States and other countries.

Macrovision, Globetrotter, and FLEXlm are registered trademarks or trademarks of Macrovision Corporation in the United States of America and/or other countries.

Oracle is a registered trademark of Oracle Corporation and/or its affiliates.

Intel, Itanium, and Pentium are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

Other products or services mentioned in this document are identified by the trademarks or service marks of their respective owners.

Third Party License Agreements

www.platform.com/legal-notice/third-party-license-agreements