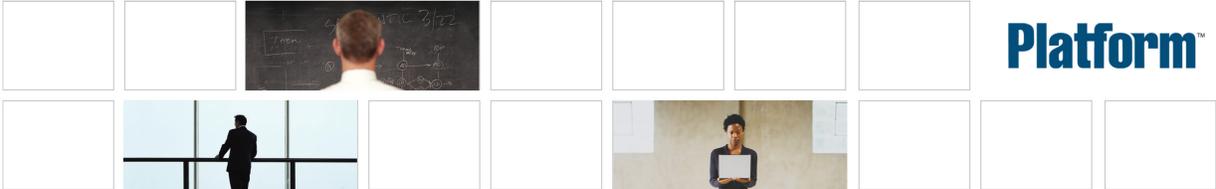


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# Release Notes for Platform License Scheduler

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



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# Release Notes for Platform LSF License Scheduler Version 7 Update 4

Release date: October 2008

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Comments to: [doc@platform.com](mailto:doc@platform.com)

Support: [support@platform.com](mailto: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 `blcollect` instance. The failover daemon itself runs on the master host and is protected by master host failover.

Since the failover daemon controls `blcollect`, you can only shut down `blcollect` 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 `cschrc.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](mailto: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](mailto: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](mailto: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](mailto:support@platform.com)

### World Wide Web

[www.platform.com](http://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](http://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](mailto: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](mailto: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](mailto: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)

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