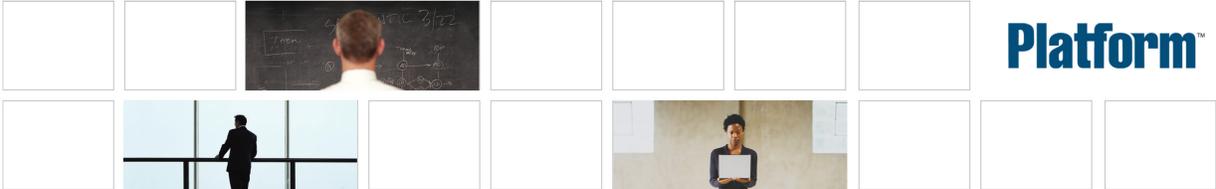

Release Notes for Platform License Scheduler

Platform LSF License Scheduler
Version 7 Update 5
Release date: March 2009
Last modified: March 18, 2009



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Comments to: doc@platform.com

Support: support@platform.com

Upgrade and Compatibility Notes

What's new in Platform LSF License Scheduler Version 7 Update 5

For detailed information about what's new in Platform LSF License Scheduler Version 7, visit the Platform Computing Web site. www.platform.com/Products.

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. www.platform.com/Products.

What's Changed in Platform LSF License Scheduler Version 7

Changed behavior

Preemption time checking

Both taskman and LSF batch jobs using licenses managed by License Scheduler now have a maximum preemption times setting. Jobs preempted the specified maximum number of times cannot be preempted again.

Restart with LSF reconfiguration

When LSF is reconfigured (`badmi n reconf i g`) bld restarts.

Strict project name checking

If `LSF_LIC_SCHED_STRICT_PROJECT_NAME=y` in `lsf.conf`, jobs submitted with misspelled project names are rejected rather than submitted to the default project.

New and changed configuration parameters and environment variables

The following configuration parameters and environment variables are new or changed for LSF License Scheduler Version 7 Update 5.

lsb.applications

`MAX_JOB_PREEMPT`: Now applies to LSF batch jobs using licenses managed by License Scheduler when enabled by `LS_ENABLE_MAX_PREEMPT` in `lsf.licensescheduler`.

lsb.params

`MAX_JOB_PREEMPT`: Now applies to LSF batch jobs using licenses managed by License Scheduler when enabled by `LS_ENABLE_MAX_PREEMPT` in `lsf.licensescheduler`.

lsb.queues

`MAX_JOB_PREEMPT`: Now applies to LSF batch jobs using licenses managed by License Scheduler when enabled by `LS_ENABLE_MAX_PREEMPT` in `lsf.licensescheduler`.

lsf.conf

`LSF_LIC_SCHED_STRICT_PROJECT_NAME`: Enforces strict checking of the License Scheduler project name upon job submission. If the project named is misspelled (case sensitivity applies), the job is rejected rather than submitted to the default project.

lsf.licensescheduler

- `LS_ENABLE_MAX_PREEMPT`: Enables checking preemption times for taskman job based on the value of parameter `LS_MAX_TASKMAN_PREEMPT` in `lsf.licensescheduler` and `MAX_JOB_PREEMPT` in `lsb.queues`, `lsb.applications`, or `lsb.params`.
- `LS_MAX_TASKMAN_PREEMPT`: Defines the maximum number of times taskman jobs can be preempted.

New and changed commands, options, and output

No command options or output are new or changed for LSF License Scheduler Version 7 Update 5.

New and changed configuration files

No configuration files have been added or changed in Platform LSF License Scheduler Version 7 Update 5.

New and changed accounting and job event fields

No accounting files have been added or changed for Platform LSF License Scheduler Version 7 Update 5.

Known Issues

Installation

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

Preemption

If the LSF administrator has defined JOB_CONTROLS in `lsb.queues` so that preemption uses the signal SIGTSTP, they must also define LIC_SCHED_PREEMPT_STOP=Y in `lsf.conf` for License Scheduler preemption to work.

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_update5
```

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 ls7Update5_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 5 > LSF License Scheduler

1. Navigate to <http://my.platform.com>.
2. Choose **Products > Platform LSF Family > LSF 7.0 Update 5 > 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)