Fixed Bugs for Platform LSF™ Version 8.0
Release Date: January 2011

The following bugs have been fixed in LSF Version 8.0 since the September
2009 update (LSF 7 Update 6):

138040	Date	2009-11-18
	Description	You remove EGO_DAEMONS_CPUS and run "lsadmin limrestart", but lim is still bound to the CPU.
	Component	lim
	Platform	Linux 2.6
	Impact	The configuration change does not take effect.

145947	Date	2010-03-17
	Description	The vemkd socket connection keeps growing until the file descriptor limit is exhausted.
	Component	vemkd
	Platform	All
	Impact	The file descriptors on the LSF master host are exhausted.

152787	Date	2010-09-21
	Description	The JOB_SPOOL_DIR sometimes fails to be detected when the environment is unstable.
	Component	sbatchd
	Platform	Linux/UNIX
	Impact	Some of the jobs do not use the spool directory and job files are left over.

140403	Date	2010-01-12
	Description	The mbatchd daemon does not give a warning message for fairshare configuration errors.
	Component	mbatchd
	Platform	All
	Impact	A job may not be charged to the correct fairshare account.

156734	Date	2010-09-30
	Description	The bqueues -l command shows job runTime overflow.
	Component	mbatchd

	Platform	All
	Impact	The counter for fairshare charges is incorrect.

154126	Date	2010-08-20
	Description	The bjobs -W command sometimes displays negative CPU time.
	Component	bjobs
	Platform	All
	Impact	The bjobs -W command output is incorrect.

138888	Date	2009-11-12
	Description	The bjobs -A command shows jobs from other users when NEWJOB_REFRESH=Y is set in lsb.params.
	Component	mbatchd
	Platform	All
	Impact	Confusion and possible network congestion when other users' jobs are shown.

145426	Date	2010-06-01
	Description	Improve mbschd performance for job arrays.
	Component	mbatchd schmod_limit.so mbschd
	Platform	All
	Impact	Improve mbschd performance for job arrays.

144960	Date	2010-04-07
	Description	Hosts become unlicensed for a period of time after a daemon is down.
	Component	lim
	Platform	All
	Impact	Hosts become unlicensed for a period of time.

140317	Date	2009-12-25
	Description	The lspasswd command does not validate the passwd.lsfuser file.
	Component	lspasswd.exe
	Platform	Windows
	Impact	Jobs pass the lspasswd check, then pend because the password is wrong.

143648	Date	2010-03-17

	Description	Jobs sometimes pend by mistake because ENFORCE_ONE_UG_LIMITS=Y.
	Component	schmod_limit.so
	Platform	All
	Impact	Jobs are in the pending state when they should not be.

135419	Date	2009-09-29
	Description	The bmod command cannot modify the resource of a job submitted from a floating client host for several minutes after cluster reconfiguration.
	Component	mbatchd
	Platform	All
	Impact	This affects usability and performance.

151841	Date	2010-07-06
	Description	The pwm.sys sometimes causes Windows to hang.
	Component	pwm.sys
	Platform	Windows
	Impact	The host does not respond.

144432	Date	2010-03-15
	Description	Hosts become unlicensed for a short period of time.
	Component	lim
	Platform	All
	Impact	Client requests are rejected while the host is unlicensed.

137028	Date	2009-10-27
	Description	Suspended jobs with a memory requirement are not resumed.
	Component	mbatchd
	Platform	All
	Impact	A job stays suspended even when resources are available.

143328	Date	2010-01-28
	Description	The CPU load is not reduced when a job is pending with PEND_NO_MAPPING.
	Component	sbatchd
	Platform	Linux 2.6
	Impact	Job binding is unbalanced.

142540	Date	2010-01-19
	Description	The lim daemon reports the wrong maximum memory when physical memory is bigger than 4 GB.
	Component	lim
	Platform	MacOS
	Impact	Memory size is incorrect.

135524	Date	2009-09-25
	Description	Jobs are killed when you use a port scanner.
	Component	res
	Platform	All
	Impact	LSF jobs cannot run under a port scanner.

139350	Date	2009-11-27
	Description	The child process of lim inherits the CPU binding when you run lsload.
	Component	lim
	Platform	Linux 2.6
	Impact	The child process of lim runs on the same CPU as lim does, the master lim performance is affected.

133552	Date	2009-09-01
	Description	The badmin perfmon view displays Total Queries, but it is not a total for user queries, and it is not the total of the given columns or rows. It is the total number of requests processed by mbatchd, which includes user queries (b* command queries) as well as internal transactions.
	Component	mbatchd
	Platform	All
	Impact	The term "total queries" is confusing.

139318	Date	2010-04-28
	Description	A License Scheduler job cannot be resumed after the duration expires.
	Component	sbatchd mbatchd
	Platform	All
	Impact	The job cannot be resumed.

143145	Date	2010-01-29
	Description	You cannot submit a job from Linux to Windows using the special characters " >", "<", or "|".
	Component	bsub
	Platform	UNIX
	Impact	Your application cannot use the special characters " >", "<", or "|".

140575	Date	2009-12-11
	Description	The bhist command displays a format error for the EVENT_JOB_ATTA_DATA event.
	Component	bhist
	Platform	All
	Impact	This affects the viewing and collecting of job information.

148839	Date	2010-05-18
	Description	You define rusage[resourceA||resourceB], but if the limit for resourceA is reached, resourceB is not used.
	Component	schmod_default.so
	Platform	All
	Impact	The "OR" relationship does not take effect for a sequential job.

139810	Date	2009-12-01
	Description	CLEARCASE_ROOT is not set to the correct path, and the job fails. Information such as job ID and time stamp are not logged by daemons.wrap.
	Component	daemons.wrap
	Platform	UNIX
	Impact	If CLEARCASE_ROOT is not set correctly, jobs fail, and the log messages are not clear.

154813	Date	2010-08-27
	Description	The bjobs command does not work as expected.
	Component	bjobs mbatchd
	Platform	All
	Impact	The bjobs command does not work as expected.

136780	Date	2009-10-14

	Description	You cannot close an unavailable host.
	Component	mbatchd
	Platform	All
	Impact	You cannot close an unavailable host.

152172	Date	2010-12-08
	Description	There are some errors message in mbschd.log, and mbschd consumes a lot of memory.
	Component	mbschd
	Platform	All
	Impact	The mbschd daemon cannot dispatch jobs normally.

158777	Date	2010-11-17
	Description	The master lim hangs on Solaris 8.
	Component	lim
	Platform	All
	Impact	The master lim hangs.

153499	Date	2010-07-30
	Description	The lspasswd command times out when the secondary master host is unavailable.
	Component	lim
	Platform	All
	Impact	You cannot update your LSF password.

151103	Date	2010-07-02
	Description	You delete the C$ share and run the installer, the error is "Cannot start LSF Workflow Monitor service on host wxp64."
	Component	Installer
	Platform	All
	Impact	You cannot install LSF.

137919	Date	2009-11-19
	Description	With two EGO SLA consumers, one consumer has to reclaim resources to run jobs. The command "ego consumer alloc" shows resources have been allocated, but jobs are very slow to start.
	Component	mbatchd

	Platform	All
	Impact	Priority jobs do not start on time, job submission takes 25-30 minutes with reclaim instead of 1-2 minutes without it.

138036	Date	2009-11-01
	Description	The lim and license management software logs show false error messages indicating that features are not available or that the client and license server license files are not synchronized.
	Component	lim
	Platform	All
	Impact	You see error messages but there are no errors.

140674	Date	2009-12-15
	Description	To address performance and scalability issues with job scheduling, add timing debug messages in mbatchd and mbschd.
	Component	mbatchd mbschd schmod_default.so schmod_fairshare.so schmod_limit.so
	Platform	All
	Impact	This improves debugging performance.

138798	Date	2009-11-10
	Description	Loading libptmalloc3.so in mbatchd may cause a problem with egroup.
	Component	mbatchd
	Platform	All
	Impact	The egroup could fail.

150106	Date	2010-06-08
	Description	A job's reservation of a numeric resource is lost after mbatchd reconfiguration, restart, or if another resource reservation expired.
	Component	mbatchd
	Platform	All
	Impact	A job fails because the resource reservation is lost.

146803	Date	2010-04-07
	Description	Memory leak.
	Component	libbat.a
	Platform	All

	Impact	Memory leak.

147515	Date	2010-04-14
	Description	ENFORCE_ONE_UG_LIMITS does not affect the pending job limit set for the user group.
	Component	mbatchd
	Platform	All
	Impact	The limit applies to all user groups.

146311	Date	2010-04-16
	Description	Over-preemption happens when there are high priority pending jobs with unsatisfied resource requirements.
	Component	schmod_preemption.so
	Platform	All
	Impact	The time to finish all jobs is much longer than usual.

139186	Date	2009-12-16
	Description	When you run badmin reconfig, bld restarts automatically.
	Component	mbatchd
	Platform	UNIX
	Impact	If there are multiple clusters sharing bld, reconfiguring one cluster impacts the other clusters.

148500	Date	2010-05-07
	Description	If there is space in the process name, pim gets an incorrect process snapshot.
	Component	pim
	Platform	Linux
	Impact	Cannot get the correct process information.

138899	Date	2009-11-18
	Description	A job submitted from a floating client without a type could pend forever if any of the server hosts have an exclusive resource defined.
	Component	mbschd schmod_default.so
	Platform	All
	Impact	A job submitted from a floating client could pend forever.

142921	Date	2010-01-27
	Description	The command lshosts displays the wrong number of CPUs for a dual-core Itanium 2 host.
	Component	lim
	Platform	ia64 linux2.4
	Impact	Over-licensing.

148608	Date	2010-07-21
	Description	Some events are overwritten.
	Component	mbatchd.exe
	Platform	Windows
	Impact	JFD may fail to read the lsb.events file and some of the flow cannot go smoothly. It can also cause job loss and bhist command errors.

137465	Date	2009-10-27
	Description	If HOME is set in lstcsh, $home is set to $cwd.
	Component	lstcsh
	Platform	All
	Impact	The HOME environment variable is set incorrectly, and the ~cd command does not work as expected.

70861	Date	2010-05-18
	Description	Preemption does not work normally due to over-reservation caused by cancelling dispatch decisions.
	Component	mbschd schmod_preemption.so
	Platform	All
	Impact	Preemption does not work as expected.

148923	Date	2010-05-23
	Description	Checkpointable jobs sometimes fail to restart because the job file cannot be found.
	Component	mbatchd
	Platform	All
	Impact	Restarted checkpointable jobs fail to start.

157160	Date	2010-10-18
	Description	After you modify the lsf.cluster file, hostsetup recognizes the machine as a client.

	Component	Installer
	Platform	All
	Impact	Cannot run hostsetup.

144936	Date	2010-02-28
	Description	The command ./daemons.wrap -V does not show the version of the binary for several clusters on different platforms.
	Component	daemons.wrap
	Platform	All
	Impact	Difficult to know the version of daemons.wrap.

157770	Date	2010-10-26
	Description	The lim fails when a child exits because of a signal from the function in child_handler.
	Component	lim
	Platform	All
	Impact	The system is not stable.

159933	Date	2010-11-25
	Description	The mbatchd daemon sets the wrong pending reason for a job if there are over 299 resources in the LSF resource table.
	Component	lim mbatchd
	Platform	All
	Impact	The command bjobs shows the wrong pending reason.

144641	Date	2010-02-28
	Description	Recursive job submission causes the last job to fail.
	Component	sbatchd res
	Platform	All
	Impact	Jobs fail.

134276	Date	2009-09-02
	Description	The ls index is incorrect.
	Component	lim
	Platform	All
	Impact	This can affect the availability of a host.

141326	Date	2009-12-31
	Description	The command bpeek fails if $HOME/.lsbatch/ is not accessible with the local spool directory configured.
	Component	bpeek
	Platform	All
	Impact	The bpeek command fails on non-execution hosts.

143160	Date	2010-01-26
	Description	The mbatchd log file contains some characters that cannot be displayed.
	Component	mbatchd
	Platform	All
	Impact	Cannot read the log file, problems with the command "wc".

67806	Date	2010-06-30
	Description	The bhosts command shows the host status as "closed_Busy" when it should be "ok".
	Component	mbatchd
	Platform	All
	Impact	The bhosts command output is incorrect.

136446	Date	2009-10-19
	Description	The mbatchd daemon sends out more data than necessary when "bjobs -w" has more than one job ID.
	Component	bjobs
	Platform	All
	Impact	The bjobs -w queries in job scripts cause very high network load.

136498	Date	2009-10-14
	Description	The command blaunch fails to run a command which has space in its path.
	Component	blaunch
	Platform	All
	Impact	This problem impacts PMPI 7.1 integration, the PMPI default installation path has spaces.

139193	Date	2009-11-20
	Description	The pim daemon slows down on Linux hosts.

	Component	pim
	Platform	Linux
	Impact	LSF does not report a job's rusage.
	Parameter	LSF_PIM_LINUX_ENHANCE in lsf.conf

135812	Date	2009-09-27
	Description	Jobs submitted via bsub have a trailing colon added to the LD_LIBRARY_PATH.
	Component	sbatchd
	Platform	All
	Impact	This may cause problems with the job application.

148956	Date	2010-05-20
	Description	Sometimes mbatchd dies when lim is being restarted.
	Component	mbatchd
	Platform	All
	Impact	The system becomes unavailable for a short time.

154291	Date	2010-09-02
	Description	The mbatchd daemon is killed by sbatchd when egroup does not return on time.
	Component	sbatchd
	Platform	All
	Impact	The system cannot start properly.

148528	Date	2010-05-06
	Description	Using bsub with esub.password is slow when there are a lot of unavailable hosts in the cluster.
	Component	esub.password.exe lspassword.exe
	Platform	Windows
	Impact	Performance slows down.

155646	Date	2010-09-13
	Description	The mbatchd daemon fails because of the file system error "Interrupted system call".
	Component	mbatchd
	Platform	All
	Impact	The system is not stable.

117503	Date	2009-08-13
	Description	The command "bhist –l all" is case sensitive.
	Component	bmod.exe bstop.exe bhist.exe libbat.lib liblsf.lib bresume.exe bjobs.exe eauth.exe bkill.exe bsub.exe
	Platform	Windows
	Impact	The command "bhist –l all" is case sensitive.

140131	Date	2009-12-09
	Description	In a MultiCluster environment, if schmod_mc is not set in lsb.modules, there is no error in the log file.
	Component	mbschd
	Platform	All
	Impact	The log file does not indicate improper configuration.

145350	Date	2010-03-18
	Description	Dynamic user priority becomes 100 after you change HIST_HOURS to a large value and reconfigure mbatchd.
	Component	mbatchd
	Platform	All
	Impact	Some users have a high priority.

158241	Date	2010-10-27
	Description	LSB_SUB_QUEUE is not set in $LSB_SUB_PARM_FILE for an esub when the environment variable LSB_DEFAULTQUEUE is defined.
	Component	liblsf.a liblsf.so libbat.a brestart libbat.so bsub
	Platform	All
	Impact	Unable to check queues in $LSB_SUB_PARM_FILE when the environment variable LSB_DEFAULTQUEUE is defined.

122721	Date	2010-06-22
	Description	A Perl script running in LSF on an x64 system crashes the machine.
	Component	sbatchd.exe
	Platform	win2003-x64
	Impact	This job cannot run on an x64 system.

147709	Date	2010-04-21
	Description	The PA administrator cannot delete the lsb.stream file.
	Component	mbatchd
	Platform	Linux/UNIX/Solaris
	Impact	The Analytics data loader has to run under the primary LSF administrator account, but this is not realistic since the PA administrator and the LSF administrator are different IT roles.

137023	Date	2009-11-03
	Description	Even with available hosts, jobs take a long time (3 minutes) to start running if LSB_SLOT_RESERVE_ENHANCE=Y.
	Component	schmod_reserve.so mbschd schmod_default.so
	Platform	All
	Impact	Performance is poor and job dispatching is slow.

140133	Date	2009-12-10
	Description	The lspasswd.exe program contacts LSF Windows client hosts in the cluster to check the password.
	Component	lspasswd.exe
	Platform	Windows
	Impact	It takes a long time for lspasswd.exe to finish if it runs on a client host.

154718	Date	2010-09-10
	Description	The mbatchd daemon cannot start if an operation generates the wrong event file.
	Component	mbatchd
	Platform	All
	Impact	The mbatchd daemon cannot start if an operation generates the wrong event file.

149947	Date	2010-06-10
	Description	The lspasswd -C option does not require the password as input.
	Component	lspasswd.exe
	Platform	Windows
	Impact	The lspasswd -C option does not require the password as input.

138969	Date	2009-12-03
	Description	The lsrcp program fails to copy a file when the file name contains the '@' character.

	Component	lsrcp
	Platform	All
	Impact	The lsrcp program cannot copy a file if the name is in the format "my@dirlist user@host:/xxx".

134611	Date	2009-09-25
	Description	The MELIM kills all processes in the system.
	Component	melim
	Platform	All
	Impact	The MELIM brings the host down.

147851	Date	2010-05-05
	Description	Jobs are not dispatched by mbschd and you see the error "SCH_MOD_rememberSibling() execution rusage is NULL"
	Component	mbschd schmod_default.so
	Platform	All
	Impact	Jobs pend unless you run badmin reconfig.

155627	Date	2010-09-10
	Description	The lsload command reports 0 MB memory and 0 MB swap.
	Component	lim
	Platform	All
	Impact	The lsload command provides the wrong information.

159001	Date	2010-11-11
	Description	The return value of lspasswd -c is 0 although the command fails.
	Component	lspasswd.exe
	Platform	Windows
	Impact	You cannot use the environment variable %errorlevel% to get the lspasswd execution result.

136366	Date	2009-10-12
	Description	The bjobs command calls the master lim.
	Component	bjobs
	Platform	All

	Impact	Cluster performance is affected.

139036	Date	2009-11-16
	Description	The command badmin perfmon view cannot show information related to the file descriptor on x86-64-sol10.
	Component	mbatchd
	Platform	Solaris10 x86-64
	Impact	You cannot get the information related to the file descriptor.

147435	Date	2010-07-08
	Description	The command badmin ckconfig does not report an error message if the USER_SHARE parameter is defined incorrectly.
	Component	mbatchd
	Platform	All
	Impact	Cannot troubleshoot the problem.

157173	Date	2010-10-14
	Description	The lsb.stream file may be lost in the stream directory.
	Component	liblsbstram.so
	Platform	UNIX/Linux
	Impact	The PA cannot get the data from LSF.

149326	Date	2010-06-02
	Description	LSF jobs get finished twice because of EGO reclaim.
	Component	mbatchd
	Platform	All
	Impact	The job result is affected when the post-done job reruns again.

132433	Date	2009-11-20
	Description	Using "," in the job-level select resource requirement string causes LSF to ignore queue level resource requirements.
	Component	bsub libbat.a libbat.so
	Platform	All
	Impact	Jobs are dispatched to the wrong host.

157635	Date	2010-10-20

	Description	The mbschd daemon has a memory leak when removing a host from a host group.
	Component	mbschd
	Platform	All
	Impact	The mbschd daemon consumes more and more memory.

160950	Date	2010-12-02
	Description	Using fork mode to switch events, there is error information about root in the NFS server log.
	Component	mbatchd
	Platform	All
	Impact	Problems writing to lsb.events file.

136656	Date	2009-10-21
	Description	LSF 7.0.5 does not always work, sometimes res is not bound.
	Component	sbatchd
	Platform	All
	Impact	The processor binding facility does not work.

139963	Date	2009-12-23
	Description	The LD_LIBRARY_PATH parameter is not set.
	Component	profile.js
	Platform	HPUX IA64
	Impact	Unable to source the JS environment.

144633	Date	2010-02-26
	Description	When USE_SERVER is used in a license file, lim fails to validate the lsf_manager feature and turns on core-based licensing.
	Component	lim
	Platform	All
	Impact	You cannot use the USE_SERVER keyword in a license file.

159518	Date	2010-11-12
	Description	Job dependency does not work as expected when a job is requeued.
	Component	mbatchd
	Platform	All

	Impact	Job dependency does not work as expected.

139919	Date	2009-12-07
	Description	A client API call cannot drive the announcement of the master host.
	Component	liblsf.a libslf.so libbat.a libbat.so
	Platform	All
	Impact	The master lim takes a long time to recognize the new host.

135974	Date	2009-09-29
	Description	The command lsadmin limdebug does not respect the LC_PERFM debug class.
	Component	lsadmin
	Platform	All
	Impact	You cannot retrieve information related to network packets dynamically, you must restart the master lim twice for data collection.

143950	Date	2010-02-05
	Description	CPU load is not reduced when a job pends with PEND_NO_MAPPING.
	Component	sbatchd
	Platform	Linux
	Impact	A job may run on a highly loaded core, and take a longer time to complete.

133672	Date	2009-08-24
	Description	When the command bmig fails for a rerunnable job, the job mail is confusing.
	Component	sbatchd
	Platform	All
	Impact	Job mail is confusing.

149030	Date	2010-05-19
	Description	The lsrcp program or lsrun program or parallel jobs fail with error "Request from non-LSF host rejected".
	Component	lim
	Platform	All
	Impact	Cannot run any jobs.

144584	Date	2010-02-15

	Description	The slave lim reports an external resource value even though the resource is defined as [all].
	Component	lim
	Platform	All
	Impact	The UDP buffer overflows and the cluster does not work properly.

132514	Date	2009-08-13
	Description	LSF reports the total number of cores on a PPC64 machine even though LSF is running on an IBM partition on that machine and only some of the cores are allocated to that partition.
	Component	lim
	Platform	linux2.6_glibc2.3_ppc64
	Impact	LSF overcharges for licenses and job scheduling is affected.

147378	Date	2010-04-13
	Description	The overwriting operation fails when you use the lsrcp command to transfer files to a 64-bit Windows host.
	Component	lsrcp
	Platform	All
	Impact	The lsrcp command does not work.

142530	Date	2010-01-19
	Description	The lim log shows an error on Mac OS X 10.6: idletime(): open(/var/run/utmp) failed, No such file or directory.
	Component	lim
	Platform	MacOS
	Impact	The lim cannot get the right idle time resource.

136686	Date	2009-12-07
	Description	MAX in bhosts output keeps increasing with SLOTS_PER_PROCESSOR configured.
	Component	mbatchd blimits
	Platform	All
	Impact	The host is overused.

| 135681 | Date | 2009-10-20 |
| | Description | The command bsub –L CShell fails if an error exists in the .login file. |

	Component	sbatchd
	Platform	Linux/UNIX
	Impact	A job fails without a meaningful error message.

150608	Date	2010-06-18
	Description	The command bhosts –w does not display all remote hosts.
	Component	mbatchd
	Platform	All
	Impact	You cannot get the host partition from bhosts -w.

133545	Date	2009-08-31
	Description	You use lsrcp and lsid on AIX and the wrong message displays: "callLimUdp_(): got reply LIME_WRONG_MASTER".
	Component	lsrcp
	Platform	All
	Impact	The file transfer is successful but the message is not clear.

149990	Date	2010-12-17
	Description	The "lim -t" and "lshosts" commands report the wrong CPU or core number.
	Component	lim
	Platform	Linux
	Impact	LSF licensing and host slots are affected.

134007	Date	2010-02-02
	Description	A job's processes are not bound to particular cores.
	Component	sbatchd
	Platform	linux2.6 Nehalem
	Impact	You cannot use the LSF job binding feature on a Nehalem processor.

138460	Date	2009-11-16
	Description	A job is forwarded to the wrong cluster.
	Component	mbschd schmod_mc.so mbatchd
	Platform	All
	Impact	Job forwarding does not work as expected.

145645	Date	2010-04-19
	Description	There is an xlsbatch memory leak.
	Component	libbat.so) batch_lib(libbat.a xlsbatch
	Platform	Linux
	Impact	The xlsbatch uses more and more memory.

140595	Date	2009-12-16
	Description	The command lsadmin ckconfig -v does not report a configuration error if the lsf.cluster.clustername file resource map section is missing "End ResourceMap".
	Component	lsadmin lim
	Platform	All
	Impact	Configuration problems are not reported on reconfiguration.

124628	Date	2010-07-29
	Description	Root mbatchd cannot start while a child mbatchd holds the batch port.
	Component	mbatchd
	Platform	All
	Impact	Root mbatchd cannot start.

141173	Date	2010-02-03
	Description	The number of CPUs and cores reported by lim is wrong.
	Component	lim
	Platform	MacOS
	Impact	Licensing is incorrect.

144640	Date	2010-03-04
	Description	A requeued block mode job fails in 7.0.6.
	Component	res nios sbatchd
	Platform	All
	Impact	A job fails.

134887	Date	2009-09-09
	Description	A job cannot be submitted if the dependency condition is larger than 2050 characters.
	Component	liblsf.so libbat.a liblsf.a libbat.so bsub
	Platform	All

	Impact	A job cannot be submitted.

150743	Date	2010-06-23
	Description	You run bmod –q, but the modified job is not dispatched in the correct sequence.
	Component	mbschd
	Platform	All
	Impact	The job scheduling sequence is not consistent with the bjobs output.

135264	Date	2009-11-26
	Description	You must manually delete MultiCluster information from lsb.lease.state after MultiCluster is disabled.
	Component	mbatchd
	Platform	All
	Impact	Expired MultiCluster information is visible.

135982	Date	2009-10-11
	Description	The lim runs, but lim log shows an error message if LC_TRACE and LOG_DEBUG are defined.
	Component	lim
	Platform	Windows
	Impact	A false error is shown.

127919	Date	2009-09-14
	Description	A running job referred to an open AR keeps running when the AR expires, but an open AR job gets suspended by other pending jobs once the AR window closes.
	Component	mbschd mbatchd bparams
	Platform	All
	Impact	Large parallel jobs fail.

141620	Date	2010-01-15
	Description	When using compute units, host groups and resource leasing in a MultiCluster environment, jobs submitted with a host specified are dispatched to the wrong host.
	Component	mbschd
	Platform	All
	Impact	Jobs run on the wrong hosts even though the -m option is specified during job submission.

152682	Date	2010-07-21
	Description	Array elements are moved to the wrong queue if you run bswitch, bmod and badmin mbdrestart.
	Component	mbatchd
	Platform	All
	Impact	An array job is sent to the wrong queue.

144504	Date	2010-02-11
	Description	You change ENFORCE_ONE_UG_LIMITS from Y to N, and run "badmin reconfig", but the parameter still takes effect.
	Component	mbschd mbatchd
	Platform	All
	Impact	You cannot use badmin reconfig to change the parameter ENFORCE_ONE_UG_LIMITS.

138171	Date	2009-11-12
	Description	You cannot run LSF commands beginning with "b" from a floating client during master failover if the host order is not consistent in LSF_MASTER_LIST and LSF_SERVER_HOSTS.
	Component	lim
	Platform	All
	Impact	The floating client will not work for a while.

134286	Date	2009-10-23
	Description	In a MultiCluster environment, rerunnable jobs in "UNKWN" state fail to update status in the submission cluster.
	Component	mbatchd
	Platform	All
	Impact	Job Status does not match in the submission and execution clusters.

149713	Date	2010-07-27
	Description	The Windows installer grants special rights to the LSF Admin account even if you run the LSF daemon under the Local System Account.
	Component	Installer
	Platform	All
	Impact	The Windows installer grants special rights to the LSF Admin account.

152925	Date	2010-07-24
	Description	The lsload output cannot show more than 9999 hosts.
	Component	lsload lsplace mbatchd
	Platform	All
	Impact	Scalability is limited.

156242	Date	2010-10-11
	Description	The defined resource limit does not take effect on newly added dynamic hosts.
	Component	mbatchd
	Platform	Linux
	Impact	You must run badmin reconfig to work around the issue.

137457	Date	2009-10-28
	Description	The esubs for MPICH2 and Intel MPI do not handle the "same" keyword in the resource requirement.
	Component	esub.intelmpi esub.mpich2
	Platform	All
	Impact	The "same" resource requirement string cannot be used for Intel MPI and MPICH2 jobs.

135254	Date	2009-12-17
	Description	The mbschd daemon reserves incorrect slots when preemption is configured with fairshare.
	Component	mbschd schmod_preemption.so
	Platform	All
	Impact	The bqueues and bhosts commands show incorrect information and jobs are affected.

149997	Date	2010-07-05
	Description	The program eauth_userpass.exe cannot update passwd.lsfuser because the file contains the character '\r'.
	Component	Installer
	Platform	All
	Impact	The program eauth_userpass.exe cannot update passwd.lsfuser.

140675	Date	2009-12-16

	Description	The host slot limit is not working.
	Component	mbatchd
	Platform	All
	Impact	The host slot limit is not working.

157978	Date	2010-10-29
	Description	The daemon sbatchd logs error messages and rla cannot start if both LSF_CPUSETLIB and LSF_ASPLUGIN are set in lsf.conf.
	Component	rla liblsf.so libbat.a libbat.so liblsf.a sbatchd pam
	Platform	linux2.6-glibc2.3-x86_64, linux2.6-glibc2.4-sn-ipf
	Impact	Features related to SGI ProPack cannot work when LSF_CPUSETLIB and LSF_ASPLUGIN are set in lsf.conf.

147705	Date	2010-04-26
	Description	If you define LSF_DEBUG_MBD="LC_TRACE", or forgot to remove it from the lsf.conf file, mbatchd has slow response.
	Component	mbatchd
	Platform	All
	Impact	The mbatchd daemon does not respond in a high load cluster.

148579	Date	2010-05-12
	Description	After enabling daemons.wrap, some sbatchd debug messages are not logged.
	Component	sbatchd mbatchd
	Platform	All
	Impact	Troubleshooting is not convenient.

149270	Date	2010-05-26
	Description	The command bacct always reports memory and swap for a job as zero.
	Component	sbatchd
	Platform	All
	Impact	PA reports cannot be generated because the data in lsb.acct is incorrect.

136762	Date	2009-11-04
	Description	With Asian language settings, if the registry key HKEY_CURRENT_USER\Console\LoadConIme is 1, the tssub job does not finish because the conime.exe process does not finish automatically

	Component	lstsmgr.exe
	Platform	Windows
	Impact	The tssub job does not finish.

103932	Date	2009-09-27
	Description	Advance reservation files are not created under LSB_LOCALDIR when the duplicate event log feature is enabled.
	Component	mbatchd
	Platform	All
	Impact	You may lose the advance reservation definition.

132935	Date	2010-01-20
	Description	LSF does not handle single and double quotes in the job command line on Windows hosts.
	Component	preservestarter sbatchd bsub
	Platform	Linux / Windows
	Impact	The user job flow is broken because the job command line is not interpreted correctly.
	Parameter	JOB_STARTER_EXTEND in lsf.conf

131751	Date	2009-07-28
	Description	After changing a Windows server to a static client and restarting the daemons on the client, sbatchd cannot die automatically.
	Component	sbatchd
	Platform	All
	Impact	The sbatchd daemon keeps running on the static client host.

143961	Date	2010-04-20
	Description	When bld exits abnormally, mlim does not log anything.
	Component	lim
	Platform	All
	Impact	Troubleshooting is not convenient.

143248	Date	2010-02-23
	Description	A job was not dispatched because the job file was owned by root.
	Component	mbatchd

	Platform	All
	Impact	The job remains pending, you must force it to run manually.

140213	Date	2009-12-15
	Description	A zombie pending job with a dependency exists in mbschd after the job gets killed in mbatchd.
	Component	mbschd
	Platform	All
	Impact	There is a potential performance impact because mbschd still tries to schedule the job.

134777	Date	2009-09-15
	Description	The query child mbatchd is bound to the same CPU as the parent mbatchd if LSF_DAEMONS_CPUS is set.
	Component	mbatchd
	Platform	linux2.6
	Impact	This affects performance.

136484	Date	2009-10-14
	Description	When you call the lsb_submit API, it produces windows titled mesub and eauth.
	Component	liblsf.lib
	Platform	All
	Impact	You see windows you do not use.

147782	Date	2010-04-22
	Description	You set "MAX_JOB_ARRAY_SIZE = 2147483646 " in lsb.params and but a value of 1000 is used.
	Component	mbatchd
	Platform	All
	Impact	You cannot submit such a large job array.

140673	Date	2009-12-17
	Description	DAEMON_WRAP_DEBUG is not defined but every job logs a message to /tmp/daemons.wrap.log.
	Component	daemons.wrap
	Platform	All
	Impact	The /tmp file system eventually runs out of disk space and memory, which can lead to

		other system problems.

146411	Date	2010-04-07
	Description	The esub.password.exe program cannot validate passwords in a mixed cluster with a UNIX master host.
	Component	esub.password.exe
	Platform	Windows
	Impact	The esub.password.exe program does not work.

140621	Date	2010-01-15
	Description	The hostsetup program shows the error: "Cannot determine BINARY_TYPE".
	Component	hostsetup
	Platform	All
	Impact	You cannot run hostsetup or lsfinstall on Ubuntu 9.10.

154994	Date	2010-09-07
	Description	Some jobs in a large job array pend on a Windows host because they failed to get the password.
	Component	sbatchd
	Platform	Windows
	Impact	The failed jobs pend.

138410	Date	2009-11-03
	Description	The JOB_FINISH record contains redundant blank space to separate values.
	Component	mbatchd
	Platform	All
	Impact	User-defined scripts cannot handle the JOB_FINISH record.

153404	Date	2010-08-04
	Description	There is a performance problem with mbatchd reconfiguration when many SLAs are configured.
	Component	mbatchd liblsf.a libbat.so liblsf.so
	Platform	All
	Impact	There is a performance problem with mbatchd reconfiguration.

153992	Date	2010-08-10

	Description	The mbschd daemon may crash when bmod and bkill are executed at the same time.
	Component	mbschd
	Platform	All
	Impact	The mbschd daemon may crash.

147028	Date	2010-04-02
	Description	The master lim becomes out of service after overwhelming requests from the slave lim when LSF_REJECT_NONLSFHOST=Y
	Component	lim
	Platform	All
	Impact	The system is down.

144512	Date	2010-02-19
	Description	In a mixed cluster, you must specify the password file location using a parameter.
	Component	lim
	Platform	All
	Impact	It is difficult to manage a mixed cluster.

141438	Date	2010-01-03
	Description	The sbatchd daemon logs messages such as "A socket operation has failed" and sbatchd CPU usage is 100%.
	Component	sbatchd
	Platform	All
	Impact	The host cannot be used, you must restart sbatchd manually.

150063	Date	2010-07-08
	Description	CPU binding does not work on some non-Nehalem hosts.
	Component	sbatchd
	Platform	All
	Impact	The CPU binding feature does not work.

147626	Date	2010-04-19
	Description	ENFORCE_ONE_UG_LIMITS is defined, but busers does not show the correct result when the keyword "all' is used to define the user group.
	Component	mbatchd

	Platform	All
	Impact	ENFORCE_ONE_UG_LIMITS and the busers command do not work together as expected.

146925	Date	2010-04-13
	Description	A mistake in a job script might lead to errors in lsb.events.
	Component	libbat.a mbatchd libbat.so
	Platform	All
	Impact	After you restart mbatchd, the job is gone, the bjobs command no longer shows the job.

151584	Date	2010-07-02
	Description	A job is mistakenly forwarded to the wrong cluster.
	Component	mbatchd
	Platform	All
	Impact	The job forwarding feature does not work.

158439	Date	2010-10-29
	Description	The mbatchd daemon uses up to 2 GB memory after 2-3 days.
	Component	mbatchd
	Platform	All
	Impact	You must run badmin mbdrestart.

141644	Date	2010-01-08
	Description	A program linked with the LSF API library cannot run as a service, but it can run as a console application.
	Component	liblsf.lib libbat.lib libbat.dll liblsf.dll libbatw2k.dll libbatw2k.lib liblsfw2k.dll liblsfw2k.lib
	Platform	Windows
	Impact	A program cannot run as a service.

133940	Date	2009-09-02
	Description	The mbatchd deamon logs duplicate event records for the same job ID in lsb.acct, with incorrect timestamps.
	Component	mbatchd
	Platform	All

	Impact	This affects Platform Analytics. You see negative pending reasons for jobs.

130564	Date	2009-10-14
	Description	You cannot install all LSF features if the license file does not include the keyword FEATURE.
	Component	Installer
	Platform	All
	Impact	LSF features are not enabled.

149090	Date	2010-05-19
	Description	The lim daemon does not detect two cores on the dual-core CPU.
	Component	lim
	Platform	All
	Impact	The number of job slots is incorrect.

140089	Date	2009-12-28
	Description	The command bjobs shows the incorrect pending order after you run bmig.
	Component	mbatchd
	Platform	All
	Impact	You cannot forecast the dispatch time based on bjobs.

139281	Date	2009-11-25
	Description	It takes over 30 seconds to finish a Session Scheduler job.
	Component	libvem.so
	Platform	Linux
	Impact	It takes over 30 seconds to finish a Session Scheduler job.

151614	Date	2010-07-09
	Description	After you run "badmin reconfig", sbatchd dies on some slave hosts.
	Component	sbatchd
	Platform	All
	Impact	You must start sbatchd manually on these hosts.

157247	Date	2010-10-09
	Description	The sbatchd daemon spawns a child res with -PTY_FIX option for an interative job

		and it sometimes hangs.
	Component	sbatchd
	Platform	Linux/UNIX
	Impact	An interactive job hangs.

139538	Date	2009-11-24
	Description	Jobs are dispatched to hosts not in the compute unit when ptile='!' is specified.
	Component	mbatchd
	Platform	All
	Impact	The compute unit does not work properly.

147379	Date	2010-04-20
	Description	When LSB_MIXED_PATH_ENABLE=y, job submission using a script fails.
	Component	sbatchd
	Platform	All
	Impact	Job submission by script fails.

147827	Date	2010-05-05
	Description	The job does not requeue to the top if LSB_REQUEUE_TO_BOTTOM is 0.
	Component	mbschd
	Platform	All
	Impact	The job execution order is not as expected.

138051	Date	2009-11-18
	Description	An LSF job does not release its slot if it is suspended by License Scheduler. LSF_LIC_SCHED_PREEMPT_SLOT_RELEASE does not work.
	Component	mbatchd
	Platform	All
	Impact	Underutilization of slots.

147837	Date	2010-04-22
	Description	Add a log class for mkExecSibling log messages.
	Component	mbatchd
	Platform	All
	Impact	The mbatchd log file size grows.

149174	Date	2010-05-25
	Description	The dual core license cannot be checked out, even though FEATURE lsf_dualcore_x86 is specified in the license file.
	Component	lim
	Platform	All
	Impact	Dual-core machines are unlicensed.

148825	Date	2010-05-20
	Description	After configuring LSB_LOCALDIR, "badmin showconf mbd" displays an incorrect value for LSB_SHAREDIR.
	Component	mbatchd
	Platform	All
	Impact	The badmin command shows incorrect information.

137221	Date	2009-10-28
	Description	The bjobs command shows unexpected results because of a threading issue in the child mbatchd.
	Component	mbatchd
	Platform	All
	Impact	Job queries are interrupted.

150860	Date	2010-06-23
	Description	After submitting a simple Perl job to a win2008/win2003 64 bit host, the execution host hangs and is unreachable until the daemons restart.
	Component	sbatchd
	Platform	Windows
	Impact	The execution host is down.

145617	Date	2010-03-28
	Description	Job submission fails if LSB_SUB_MODIFY_FILE is set as environment variable before calling lsb_submit().
	Component	liblsf.a liblsf.so bsub libbat.so
	Platform	All
	Impact	Job submission fails.

133276	Date	2009-08-28
	Description	LSF_BIND_JOB does not work, jobs are bound to same CPU.
	Component	sbatchd
	Platform	Linux 2.6
	Impact	CPU utilization is not balanced.

157215	Date	2010-10-10
	Description	A job submitted from a floating client pends with "Not the same type as the submission host" after restarting LSF.
	Component	mbatchd
	Platform	All
	Impact	Job execution fails.

146690	Date	2010-03-31
	Description	Some dynamic hosts cannot be recognized by mbatchd, but can be recognized by lim.
	Component	mbatchd
	Platform	All
	Impact	Some dynamic hosts cannot join the cluster.

153987	Date	2010-08-11
	Description	The mbatchd daemon does not log which host dropped the connection when logging this error message: do_queueInfoReq(): b_write_fix(204941860) failed, Connection reset by peer.
	Component	mbatchd
	Platform	All
	Impact	Troubleshooting is difficult.

142065	Date	2010-01-19
	Description	Jobs are not dispatched to a lightly loaded host ordered by r15s:pg as default if there is no order string defined explicitly.
	Component	mbschd
	Platform	All
	Impact	Jobs cannot be dispatched as expected, and the cluster's load is not balanced.

137739	Date	2009-11-17
	Description	The PATH environment variable is not expanded correctly while using

		preservestarter.exe.
	Component	preservestarter.exe
	Platform	Windows
	Impact	Cannot find correct path.

135490	Date	2009-10-14
	Description	The lsb.stream parsing library has a memory leak, which causes the PA loader to use a lot of memory.
	Component	liblsbstream.so
	Platform	All
	Impact	The PA loader uses a lot of memory.

143229	Date	2010-01-27
	Description	The bsub command crashes at runBatchEsub() if the requested host list is longer than 1024 characters.
	Component	bsub
	Platform	All
	Impact	A job cannot be submitted.

139352	Date	2009-12-03
	Description	The bclusters command shows "disc" when LSB_MAX_JOB_DISPATCH_PER_SESSION is defined in lsf.conf.
	Component	mbatchd
	Platform	All
	Impact	Clusters are disconnected. Jobs cannot run on a remote cluster.

147957	Date	2010-04-29
	Description	The sbatchd daemon fills /tmp with millions of temp files.
	Component	clearcase/daemons.wrap sbatchd
	Platform	All
	Impact	The directory /tmp is filled with temp files.

145612	Date	2010-03-23
	Description	Memory usage for a multi-thread job is not reported correctly.
	Component	sbatchd res

	Platform	Linux
	Impact	Job accounting information is incorrect, it may affect job scheduling based on memory.

156717	Date	2010-10-29
	Description	The mbatchd daemon waits for 5 minutes to restart mbschd.
	Component	mbatchd
	Platform	All
	Impact	It takes a long time for the cluster to work normally.

158033	Date	2010-10-25
	Description	The lshosts command can not update the swap value after swap changes.
	Component	lim
	Platform	Linux
	Impact	You must restart lim.

145641	Date	2010-03-18
	Description	The variable LSB_DJOB_HOSTFILE contains a mix of \ and / characters; the / characters are not recognized by Windows.
	Component	sbatchd.exe
	Platform	All
	Impact	The LSB_DJOB_HOSTFILE cannot be recognized by Windows.

157291	Date	2010-10-26
	Description	On hosts with more than 256 virtual CPUs, the core number per processor may be incorrect.
	Component	lim
	Platform	Linux
	Impact	The lim daemon reports incorrect core values, which affects licensing.

151193	Date	2010-06-24
	Description	In a MultiCluster environment, the rescheduling feature did not work on AIX.
	Component	mbatchd
	Platform	All
	Impact	Jobs are not rescheduled.

124220	Date	2009-09-25
	Description	The command lsmake fails while building the openWRT project.
	Component	lsmakerm lsmake
	Platform	Linux
	Impact	Unable to build the openWRT source tree.

143068	Date	2010-01-27
	Description	Improper log classes make collection of mbatchd debug data difficult.
	Component	mbatchd
	Platform	All
	Impact	The cluster is not responding.

140592	Date	2009-12-13
	Description	The allocation of vemkd and mbatchd do not match.
	Component	mbatchd lib2vemkd.so
	Platform	All
	Impact	LSF jobs pend even with enough idle CPUs in the SLA.

147725	Date	2010-04-19
	Description	Memory leak.
	Component	libbat.a
	Platform	All
	Impact	Memory leak.

152925	Date	2010-07-24
	Description	The command lsload cannot show more than 9999 hosts.
	Component	lsload lsplace mbatchd
	Platform	All
	Impact	Scalability is limited.

154479	Date	2010-08-23
	Description	LSB_SUB_JOB_DESCRIPTION in esub is empty.
	Component	bsub
	Platform	All
	Impact	Cannot get the value in esub.

115080	Date	2010-01-26
	Description	The bjobs –u all command output does not show the condensed host list.
	Component	bjobs mbatchd
	Platform	All
	Impact	The bjobs –u all command output does not show the condensed host list.

134040	Date	2009-08-28
	Description	The handle and thread counts keep increasing when loading or unloading the LSF library.
	Component	liblsf.lib
	Platform	Windows
	Impact	Your program will not work as expected.

135702	Date	2009-09-25
	Description	The lspasswd command does not work.
	Component	lsf.shared
	Platform	UNIX/Linux
	Impact	The lspasswd command does not work.

149157	Date	2010-05-25
	Description	Incorrect calculation of the memory usage of the process.
	Component	pim
	Platform	Linux
	Impact	Incorrect calculation of the memory usage of the process.

145892	Date	2010-05-06
	Description	ABR and ARW issues were found in lim when the lsf.shared file is different in the local and remote clusters.
	Component	lim
	Platform	All
	Impact	The cluster does not work.

152097	Date	2010-07-23
	Description	Running lspasswd from an LSF 7.0 host automatically alters the permissions of the passwd.lsfuser file to 600, and causes lsrcp to fail on an LSF 6.2 Windows host.

	Component	lim lspasswd.exe
	Platform	Windows
	Impact	The lsrcp programs fails in a mixed cluster if the master runs LSF 7.0 EP 6, and the slave runs LSF 6.2.

133477	Date	2009-09-02
	Description	The LIBPATH environment variable on AIX must be set by profile.lsf.
	Component	sbatchd
	Platform	All
	Impact	None.

151637	Date	2010-07-11
	Description	The mbatchd daemon core dumps when a dynamic host is removed.
	Component	mbatchd
	Platform	All
	Impact	The mbatchd daemon core dumps.

143059	Date	2010-02-08
	Description	The mbatchd daemon logs "updUserData1: numPEND is negative".
	Component	mbatchd
	Platform	All
	Impact	The message is confusing.

133621	Date	2009-09-02
	Description	You added a new host as the master host, and the new master lim core dumped after reconfiguration.
	Component	lim
	Platform	All
	Impact	The cluster is not stable, failover does not work.

140808	Date	2009-12-15
	Description	Using bsub with the XOR resource requirement causes mbatchd to core dump.
	Component	mbatchd
	Platform	All
	Impact	The mbatchd daemon core dumps and you cannot submit jobs.

153609	Date	2010-08-01
	Description	When jobs use CPU binding on a Xen virtual machine, sbatchd core dumps.
	Component	sbatchd
	Platform	All
	Impact	The sbatchd daemon core dumps.

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