Fixed Bugs for Platform LSF™ Version 7 Update 6
Release Date: September 2009

The following bugs have been fixed in the September 2009 update (LSF 7 Update 6) since the March 2009 update (LSF 7 Update 5):

132890	Date	2009-08-26
	Description	profile.lsf, hostsetup points to linux2.6-glibc2.3-ia64 instead of linux2.6-glibc2.4-sn-ipf.
	Component	installer
	Platform	UNIX/Linux
	Impact	Cluster cannot be set up properly.

133086	Date	2009-08-19
	Description	HP-MPI error "Vendor MPI API process xxxx is terminated by signal 11" under LSF HPC EP5.
	Component	pam
	Platform	UNIX/Linux
	Impact	HP-MPI jobs cannot run under LSF7 HPC EP5.

129878	Date	2009-08-12
	Description	The job is not dispatched to the specified host.
	Component	mbatchd
	Platform	All
	Impact	bsub -m does not work properly.

129623	Date	2009-08-11
	Description	Long-running jobs are triggering idle exceptions. bjobs -l shows those jobs are running. Process explorer shows those jobs are suspended. Jobs must be resumed manually.
	Component	sbatchd
	Platform	Windows
	Impact	Time spent managing idle jobs.

131740	Date	2009-08-10
	Description	blimits shows value of 1 for slots per processor despite a

		limit of 0.5.
	Component	blimits
	Platform	All
	Impact	Output of blimits -c is confusing.

132433	Date	2009-08-07
	Description	Using "," in select resource requirement string causes LSF to ignore the queue level.
	Component	bsub
	Platform	All
	Impact	Jobs get dispatched to the wrong host.

131293	Date	2009-08-06
	Description	bpeek fails if the defined spool directory is not accessible.
	Component	bpeek
	Platform	All
	Impact	if $JOB_SPOOL_DIR or $HOME/.lsbatch are both unwritable and res is down, bpeek cannot get job output.

132028	Date	2009-07-29
	Description	IMPT_JOBBKLG does not work.
	Component	mbatchd
	Platform	All
	Impact	IMPT_JOBBKLG does not work.

131664	Date	2009-07-27
	Description	Runlimit is not observed for interactive jobs with job-level pre-exec.
	Component	sbatchd
	Platform	All
	Impact	Runlimit is not observed for interactive jobs with job-level pre-exec.

131708	Date	2009-07-27
	Description	The supplementary group ID was changed in the POST-

		EXEC script.
	Component	sbatchd
	Platform	UNIX/Linux
	Impact	Security concerns.

128001	Date	2009-07-26
	Description	User share account mistakenly charged, affecting job dispatching order.
	Component	mbatchd
	Platform	All
	Impact	User share account mistakenly charged, affecting job dispatching order.

130991	Date	2009-07-24
	Description	When lsf.conf on master host is larger than 8k, Windows hosts could not join the cluster and fail to get conf from the master.
	Component	lim
	Platform	All
	Impact	Windows side of the cluster is down.

129836	Date	2009-07-21
	Description	pim loads wrong library for get_weighted_memory_size() causing function not to be found and the memory usage is over counted when memory shared by multi-process.
	Component	pim
	Platform	linux2.6-glibc2.3-sn_ipf
	Impact	Reported memory usage is wrong.

131607	Date	2009-07-16
	Description	xlsbatch filters do not work for multiple users.
	Component	xlsbatch.exe
	Platform	Windows
	Impact	xlsbatch filters do not work for multiple users.

114194	Date	2009-07-14

	Description	pim coredump when there are lots of dead processes.
	Component	pim
	Platform	All
	Impact	pim coredump when there are lots of dead processes.

130374	Date	2009-07-10
	Description	lim on non-shared Solaris slave cannot startup without LSF_DYNAMIC_HOST_WAIT_TIME.
	Component	lim
	Platform	Solaris
	Impact	lim on non-shared Solaris slave cannot startup without LSF_DYNAMIC_HOST_WAIT_TIME.

130925	Date	2009-07-10
	Description	Window opened by tspeek cannot be closed.
	Component	lstsc.dll
	Platform	Windows
	Impact	Window opened by tspeek cannot be closed.

126295	Date	2009-07-09
	Description	Exclusive job pends with "JOBS limit defined for the queue has been reached;" but it is not in fact even though the job should pend.
	Component	mbschd
	Platform	All
	Impact	Job pending reason is misleading.

130582	Date	2009-07-07
	Description	Child mbatchd core dump.
	Component	mbatchd
	Platform	Linux/UNIX with multithread
	Impact	Child mbatchd core dump.

131071	Date	2009-07-07
	Description	With queue administrators to all, a normal user cannot

		manage the queue.
	Component	mbatchd
	Platform	All
	Impact	With queue administrators to all, a normal user cannot manage the queue.

119759	Date	2009-07-03
	Description	Pre and Post-exec environment user group IDs may not be consistent with that of job execution environment.
	Component	libbat.a sbatchd libbat.so bsub
	Platform	UNIX/Linux
	Impact	Pre and Post-exec environment user group IDs may not consistent with that of job execution environment.

127937	Date	2009-07-02
	Description	Job limits are not honored with running jobs more than the number of available cpus if bpost or bmod is being used.
	Component	mbdschd
	Platform	All
	Impact	Job limits feature (queue-level or general limits) is not working.

127135	Date	2009-07-01
	Description	A user's earlier advance reservations are overridden by later ones after reaching 100 advance reservations.
	Component	mbatchd
	Platform	All
	Impact	A user's earlier advance reservations are overridden by later ones after reaching 100 advance reservations.

119531	Date	2009-06-25
	Description	General limits no followed for array jobs when using bmod or bpost on an array with some elements already running.
	Component	mbschd
	Platform	All
	Impact	Scheduler becomes unavailable frequently.

130335	Date	2009-06-24
	Description	lsrun command slow in WAN network.
	Component	res
	Platform	Windows
	Impact	lsrun command slow in WAN network.

127825	Date	2009-06-23
	Description	If the license project for a job has distribution for another feature the job will pend. However, if the license project is defined in Projects section but does not have distribution for any feature, the job runs.
	Component	mbatchd schmod_default.so
	Platform	All
	Impact	Pending jobs.

128706	Date	2009-06-22
	Description	With LSF_FLEXLM_ENABLE_THREAD=Y in lsf.conf, a lim restart results in the host slot limit not being obeyed.
	Component	mbschd
	Platform	All
	Impact	Jobs fail due to too many jobs running on one host.

130227	Date	2009-06-22
	Description	Batch commands fail if an option is used without any space.
	Component	liblsf.so bresize bgmod liblsf.a libbat.a brsvadd brsvmod libbat.so bmod blaunch bsub
	Platform	All
	Impact	Batch commands fail if an option is used without any space.

127579	Date	2009-06-19
	Description	LSF failed to send email.
	Component	n/a
	Platform	Windows
	Impact	LSF failed to send email.

129513	Date	2009-06-18

	Description	When there are running jobs in LSF6.2 and the cluster upgrades to LSF7.0.3, duration in rusage will not take effect for running jobs.
	Component	mbatchd
	Platform	All
	Impact	Back compatibility for rusage duration is broken.

124249	Date	2009-06-12
	Description	When the customer maximizes or resizes the window opened by tspeek on Windows XP SP3 client hosts, the window closes with an error window popup.
	Component	lstsc.dll
	Platform	Windows
	Impact	Cannot maximize or resize the windows opened by tspeek.

129169	Date	2009-06-12
	Description	mbschd coredump when handling pending reason.
	Component	mbschd
	Platform	All
	Impact	Jobs cannot be scheduled.

129801	Date	2009-06-12
	Description	bmig does not work.
	Component	sbatchd
	Platform	linux2.6-glibc2.3-x86_64-xt3
	Impact	bmig does not work.

129254	Date	2009-06-10
	Description	New parser interpreter maintains a cache that failed to parse the right value.
	Component	mbschd
	Platform	All
	Impact	New parser functionality broken.

128749	Date	2009-06-10
	Description	With LSB_MIXED_PATH_ENABLE enabled,

		JOB_STARTER will not execute on a Windows host.
	Component	sbatchd mbatchd
	Platform	All
	Impact	With LSB_MIXED_PATH_ENABLE enabled, JOB_STARTER will not execute on a Windows host.

127172	Date	2009-06-05
	Description	Free tokens are not being reallocated by License Scheduler when there is demand from other license projects.
	Component	mbatchd
	Platform	All
	Impact	Licenses will be underutilized.

128815	Date	2009-06-04
	Description	LSF 7.0 API C++ programs cannot compile in Visual Studio 2008.
	Component	sbatchd mbatchd libbat.lib liblsf.lib
	Platform	Windows
	Impact	LSF 7.0 API C++ programs cannot compile in Visual Studio 2008.

127762	Date	2009-06-01
	Description	Application res processes are taking up more system resources (mostly cputime) than the actual application processes.
	Component	res
	Platform	Solaris
	Impact	Light interactive jobs are running slower, job submission is becoming slower.

128174	Date	2009-05-30
	Description	Jobs pend with resreq not satisfied, but exact reason is not clear.
	Component	mbschd schmod_default.so
	Platform	All
	Impact	Difficult to find reason for pending jobs.

127245	Date	2009-05-27
	Description	Assume we have defined license ownership for Project_A and that a job is submitted to this project. If non-LS resource requirements of the job are not satisfied, LS still suspends the job.
	Component	mbschd schmod_default.so
	Platform	All
	Impact	Low utilization of licenses.

128483	Date	2009-05-22
	Description	btop and bbottom do not work in X-GUI.
	Component	xlsbatch.exe
	Platform	Windows
	Impact	Cannot adjust the position of the job in X-GUI.

128318	Date	2009-05-22
	Description	Dynamic debugging with several log classes does not work.
	Component	badmin
	Platform	All
	Impact	LC_MEMORY, LC_RESREQ, LC_XDRVERSION and LC_FLEX do not work in dynamic debugging.

128030	Date	2009-05-21
	Description	lsbeventsloader can parse most of event records in lsb.stream file.
	Component	liblsbstream.so
	Platform	aix5-64
	Impact	Data loss in PERF.

127688	Date	2009-05-21
	Description	The job output format between interactive and non-interactive jobs is inconsistent.
	Component	sbatchd
	Platform	All
	Impact	User could be confused.

126035	Date	2009-05-19
	Description	Excessive suspension due to resource preemption.
	Component	mbschd schmod_preemption.so
	Platform	All
	Impact	Jobs could be suspended due to incorrect resource preemption.

127676	Date	2009-05-14
	Description	Broken backward compatibility - batch library depends on 'dl' library.
	Component	liblsf.so lsf.h libbat.so
	Platform	UNIX/Linux
	Impact	Lacking openMPI back compatibility.

127238	Date	2009-05-14
	Description	Inconsistent resource pool in multi-queues for queue-based fairshare is not detected by badmin ckconfig.
	Component	mbatchd
	Platform	All
	Impact	User will not be aware if the fairshare is working as configured or not.

127607	Date	2009-05-12
	Description	mpichp4 job fails when submitted by "pam -g 1 mpichp4_wrapper mpi_program ..."
	Component	mpichp4_wrapper
	Platform	All
	Impact	mpichp4 job cannot run.

125548	Date	2009-05-11
	Description	Setting LD_ASSUME_KERNEL could cause LSF batch job to exit.
	Component	sbatchd
	Platform	Linux
	Impact	Setting LD_ASSUME_KERNEL could cause LSF batch job to exit.

126639	Date	2009-05-11
	Description	Every 15 minutes, mbatchd sends all share acct data to mbschd, causing mbschd to be busy.
	Component	mbschd mbatchd
	Platform	All
	Impact	mbschd is busy.

122448	Date	2009-05-07
	Description	Job submission fails occasionally.
	Component	liblsf.so b* libbat.a liblsf.a ls* libbat.so
	Platform	All
	Impact	Job submission fails occasionally, requiring workaround.

126804	Date	2009-05-07
	Description	Modifying rusage for a running job may not take effect.
	Component	mbatchd
	Platform	All
	Impact	Running job is not updated with new rusage.

115430	Date	2009-05-06
	Description	When slot limits are configured, LSF can fail to dispatch a parallel job even though the job should start. For parallel jobs in reservation queues, LSF can reserve resources for these jobs in violation of limits.
	Component	mbschd schmod_reserve.so
	Platform	Windows
	Impact	LSF does not schedule jobs according to the configured policies.

127013	Date	2009-04-28
	Description	7.0.5 mbatchd error "An enforced user group".
	Component	mbatchd
	Platform	All
	Impact	mbatchd error: "An enforced user group <group_name> for job <jobid> is not a member of fairshare queue <queue_name>. Configuration changed?"

115643	Date	2009-04-26
	Description	If two slave queues have the same priority different from the master's queue priority, the job scheduling and dispatch sequence is not fairshare.
	Component	schmod_fairshare.so schmod_reserve.so mbschd schmod_preemption.so schmod_mc.so mbatchd schmod_default.so
	Platform	All
	Impact	If two slave queues have the same priority different from the master's queue priority, the job scheduling and dispatch sequence is not fairshare.

120343	Date	2009-04-20
	Description	LSF 7.0.3 reports job pending reasons on irrelevant hosts different from LSF 5.1.
	Component	mbatchd
	Platform	All
	Impact	LSF 7.0.3 pending reasons are mostly irrelevant. mbschd is publishing the pending reasons to mbatchd with potential performance impact.

126303	Date	2009-04-17
	Description	mbschd exits when handling bmod events after a resume decision is made in the same scheduling cycle.
	Component	mbschd
	Platform	All
	Impact	Scheduler exits and restarts.

126071	Date	2009-04-15
	Description	After badmin mbatchd restart, the ADJUST value changed to unreasonable value for job with rusage resreq.
	Component	mbatchd
	Platform	All
	Impact	bqueues -l value for ADJUST unreasonable.

126018	Date	2009-04-14

	Description	mbatchd core dumps after the number of user groups exceeds 1024
	Component	mbatchd
	Platform	All
	Impact	mbatchd cannot start.

125838	Date	2009-04-13
	Description	If an array element depends on other elements within the job array, the whole job array cannot be cleaned.
	Component	mbatchd
	Platform	All
	Impact	mbatchd could use large amounts of memory over time.

126027	Date	2009-04-13
	Description	ENFORCE_ONE_UG_LIMITS feature does not work properly when host group contains "all".
	Component	mbschd
	Platform	All
	Impact	ENFORCE_ONE_UG_LIMITS feature does not work properly when host group contains "all".

101754	Date	2009-04-09
	Description	Fairshare queue rejects job submissions from some users. Problem occurs when: 1. A hierarchical user group defined with members being all users. 2. One or more user groups are defined with one or more specific users. The user group(s) are defined after the hierarchical user group(s) in lsb.users. 3. 3. "badmin mbatchd restart" is used to reconfigure the cluster.
	Component	mbatchd
	Platform	All
	Impact	Some users can not submit jobs to a fairshare queue.

125547	Date	2009-04-07
	Description	bhosts -R on a static client behaves differently from on a

		server. On a server it will list the hosts whose types are same as the server executed the command. On static client it will list all hosts.
	Component	mbatchd
	Platform	All
	Impact	bhosts -R on a static client behaves different from on a server.

125361	Date	2009-04-06
	Description	Unexpected aprun jobs placement with sbatchd from the build 118796.
	Component	sbatchd
	Platform	linux2.6-glibc2.3-x86_64-xt3
	Impact	Jobs dispatched to the same crayxt4 front nodes fail to run or run on the wrong reservation.

124553	Date	2009-03-31
	Description	All jobs submitted using PAM to array array-a run well, but to array array-b did not work when array-a and array-b are specified by different aliases on the same host. Outside LSF, specified both array-a and array-b job run well.
	Component	pam
	Platform	SLES 10 SP1 with ProPack5 and Linux
	Impact	Users cannot submit a job using PAM to a specific array.

114627	Date	2009-03-30
	Description	In documentation 3 parameters are required to turn on dynamic add hosts: LSF_MASTER_LIST LSF_HOST_ADDR_RANGE LSF_DYNAMIC_HOST_WAIT_TIME In practice only the first 2 parameters are required.
	Component	lim
	Platform	All
	Impact	Hosts are added to the cluster dynamically unexpectedly.

125136	Date	2009-03-20
	Description	bjobs –u does not work as documented.

	Component	mbatchd
	Platform	All
	Impact	bjobs –u does not work as documented.

124088	Date	2009-03-19
	Description	Corrupted lsb.events file, same jobid assigned to different jobs.
	Component	mbatchd
	Platform	All
	Impact	Two mbatchds write to the same lsb.events file causing its data to become corrupted.

124842	Date	2009-03-18
	Description	If stdout is redirected, bpeek output is redundant.
	Component	bpeek
	Platform	All
	Impact	Redundant output using bpeek.

124753	Date	2009-03-18
	Description	The bparams command does not list LSB_STOP_ASKING_LICENSES_TO_LS.
	Component	libbatch.so libbat.a mbatchd libbat.so
	Platform	All
	Impact	Cannot use bparams to check mbatchd parameter setting.

124442	Date	2009-03-18
	Description	mbatchd restart/reconfig is slow due to too many user groups.
	Component	mbatchd
	Platform	All
	Impact	Slow restart/startup.

124316	Date	2009-03-11
	Description	No debug log created under LSB_CMD_LOGDIR if application launched with <pathname>/application-name.
	Component	all binaries

	Platform	All
	Impact	LSB_CMD_LOGDIR does not work with applications launched using <pathname>/application-name.

123307	Date	2009-03-09
	Description	When normal users change settings in the "Options" menu (e.g. select "Show queues") and try to "Options -> Save settings", this does not work. The next time xlsbatch.exe is started the old settings are used again.
	Component	xlsbatch.exe
	Platform	Windows
	Impact	Users cannot save settings.

123501	Date	2009-03-06
	Description	Linux2.6-glibc2.3 sbatchd dumps core upon startup on inux2.6-glibc2.4 host.
	Component	sbatchd
	Platform	Linux2.6-glibc2.3
	Impact	sbatchd dumps core upon startup.

124289	Date	2009-03-05
	Description	On HP-UX, LSF_CMD_LOGDIR and LSB_CMD_LOGDIR do not create command debug log file.
	Component	binaries libraries and all
	Platform	HP-UX
	Impact	On HP-UX, LSF_CMD_LOGDIR and LSB_CMD_LOGDIR do not work.

123601	Date	2009-03-05
	Description	blimits displays incorrect limit information when PARALLEL_SCHED_BY_SLOT is enabled.
	Component	blimits
	Platform	All
	Impact	blimits displays incorrect limit information.

123471	Date	2009-03-03
	Description	lsload -l may see give the wrong value for external

		resources.
	Component	lsload
	Platform	All
	Impact	lsload -l may see give the wrong value for external resources.

122775	Date	2009-02-24
	Description	IMPT_JOBBKLG does not work as described.
	Component	mbatchd
	Platform	All
	Impact	IMPT_JOBBKLG does not work as described.

123342	Date	2009-02-24
	Description	INFO-level messages logged repeatedly.
	Component	mbatchd
	Platform	All
	Impact	mbatchd log grows quickly, filling up disk space.

123958	Date	2009-02-24
	Description	bsub aborted with large .lsfhosts file.
	Component	libbat.a libbat.so bsub
	Platform	All
	Impact	Unable to submit jobs.

122521	Date	2009-02-24
	Description	On submission cluster after mbatchd restart, bpeek cannot get the correct output file.
	Component	libbat.a mbatchd lsbatch.h libbat.so bpeek
	Platform	All
	Impact	bpeek cannot get the correct job output.

122877	Date	2009-02-18
	Description	lsload reports incorrect r15s if a multithreaded process is running.
	Component	lim

	Platform	Linux2.6
	Impact	lsload reports incorrect r15.

123942	Date	2009-02-27
	Description	Old exited jobs from the remote cluster not removed from cluster.
	Component	mbatchd
	Platform	All
	Impact	Old exited jobs from the remote cluster not removed from cluster.

123309	Date	2009-02-26
	Description	C program using LSF 7.0 API cannot run when compiled by VS2008.
	Component	liblsf.lib
	Platform	Windows
	Impact	C program using LSF 7.0 API cannot run when compiled by VS2008.

122924	Date	2009-02-25
	Description	After bmod is used to switch execution hosts, the job is dispatched but exits with exit code 255.
	Component	mbatchd
	Platform	All
	Impact	bmod does not work.

123180	Date	2009-02-16
	Description	When a new job preempts a starting job, the preempted job sometimes runs indefinitely.
	Component	sbatchd
	Platform	All
	Impact	A job can run indefinitely.

123098	Date	2009-02-12
	Description	lshosts -l terminated with a Windows dialog "An unhandled win32 exception occurred" when there is a host whose status is "unavail".

	Component	lshosts
	Platform	Windows
	Impact	No information from lshosts -l.

104416	Date	2009-01-22
	Description	pam dies inside mpirun(), job fails.
	Component	pam
	Platform	linux2.6-glibc2.3-x86_64
	Impact	Cannot run MPI job on SGI x86_64 platform.

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