

Qube 6.3-2 Release Notes

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@RELEASE: 6.3.2  
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==== CL 9265 ====

@FIX: fixed job-level history not being recorded into .hst file.

(Bug was introduced in CL9145, 9146)

ZD: 5609

==== CL 9261 ====

@CHANGE: cut down on the cmdline & cmdrange jobtypes' stdout; don't print 'LOG: ...' lines, make regex summaries much clearer, change printing or regex's to stderr to make it clearer that they're not actual errors, but rather things being searched for in the stderr stream.

==== CL 9252 ====

@FIX: properly find qb.conf on Windows versions Vista and later when unable to contact the supervisor directly.

==== CL 9245 ====

@FIX: GUI changes to be able to handle when supervisor host goes down, and both supervisor and MySQL server are unavailable. Also fix jobList not refreshing on down supervisor.

==== CL 9241 ====

@FIX: fix GUI crashbug in MySQLConnect when supervisor does not answer a qb.ping

==== CL 9239 ====

@FIX: global resource tables were not getting created in new instances of the datawarehouse db, only on upgrades.

==== CL 9234 ====

@FIX: disable permission check of worker_logpath, as it was creating false-alarms and putting the worker to be in panic mode unnecessarily.

ZD: 5445 5236

BUGZID: 63683

==== CL 9232 ====

@FIX: fixed example python code (jobSubmit06.py) to work on Windows too.

==== CL 9211 ====

@FIX: added code to prevent the QbQueue::getSubjobReadyfindReady() routine from returning the same subjob to be dispatched over and over.

This was causing the findSubjobAndReserveJob() and startJob() routines to hit the "subjob [N] seems to be already assigned" situation, and cause threads to enter a long, sometimes semi-infinite, sleep-and-retry loop.

Fixed by adding code in the startJob() routine to quickly update the subjob status when the the assignJob() returns QB_ASSIGN_OK (i.e., worker says it has accepted the subjob), instead of waiting until the worker later reports that the subjob is "running" via the STATUS_JOB message, which can take more than several seconds on a busy farm.

Also reduced the number of maximum retries to 3 (MAX_ATTEMPTS), in the situations where a subjob "seems to be already assigned" or when a worker host says it's busy (QB_ASSIGN_BUSY). This prevents the threads to get stuck for 10 or more seconds in a sleep-retry loop, and allow them to give up quickly and move on.

ZD: 5449

==== CL 9198 ====

@FIX: fixed issue with non-node-locked licenses ("FF:FF:...") not working (since 6.3.0)

==== CL 9173 ====

@FIX: ensure that mail sent by qbamdin --emailtest is RFC2822-compliant (no bare LF's, only CRLF)