GT 5.2.3 GridFTP: Quality Profile

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1. Test coverage reports

There are no test coverage reports available at this time.

2. Code analysis reports

There are no code analysis reports available at this time.

3. Known Problems in GridFTP

• GT-2: GUC will treat directory as if its a file for the purpose of sync comparison
• GT-4: Can't build gridftp server with alternate CC, needed by LTA
• GT-5: globus-url-copy doesn't pipeline url input from a file
• GT-6: GridFTP installation on OpenBSD 4.9
• GT-7: Issues with netlogger style logs
• GT-8: globus-url-copy -rst ... -st ... segfault if the options are not correctly synchronized
• GT-10: Problem checking directory permissions with MLST
• GT-11: globus-url-copy -rst segfault if the network is not working
• GT-12: GUC exits with zero when it hits a stall-timeout
• GT-265: Windows GridFTP can't create files/dirs with trailing spaces or periods.
• GT-273: can discover user names even with restrict path

1 http://jira.globus.org/browse/GT-2
2 http://jira.globus.org/browse/GT-4
3 http://jira.globus.org/browse/GT-5
4 http://jira.globus.org/browse/GT-6
5 http://jira.globus.org/browse/GT-7
6 http://jira.globus.org/browse/GT-8
7 http://jira.globus.org/browse/GT-10
8 http://jira.globus.org/browse/GT-11
9 http://jira.globus.org/browse/GT-12
10 http://jira.globus.org/browse/GT-265
11 http://jira.globus.org/browse/GT-273
• GT-284\textsuperscript{12}: GridFTP pipelining and reliability issues
• GT-314\textsuperscript{13}: hybrid mode front end crashes when attempting to stripe and no data nodes are available.
• GT-315\textsuperscript{14}: Windows GridFTP server does not list filenames with extended characters
• GT-316\textsuperscript{15}: Reverse DNS failure on control channel connection results in 0.0.0.0 reported in logs.
• GT-318\textsuperscript{16}: globus-url-copy (guc) and "-do" option inconsistency

4. Fixed Bugs for GridFTP

• GT-269\textsuperscript{17}: GridFTP servers do not report the DEST IP address in transfer logs or usage stats when configured for striping or split processes
• GT-299\textsuperscript{18}: data and finished command kickouts called twice?
• GT-304\textsuperscript{19}: bashism in /bin/sh script
• GT-314\textsuperscript{20}: hybrid mode front end crashes when attempting to stripe and no data nodes are available.
• GT-316\textsuperscript{21}: Reverse DNS failure on control channel connection results in 0.0.0.0 reported in logs.

5. Performance reports

• Performance of Globus Striped GridFTP Server on TeraGrid\textsuperscript{22}
• GridFTP Scalability and Performance Results\textsuperscript{23}

\textsuperscript{12} http://jira.globus.org/browse/GT-284
\textsuperscript{13} http://jira.globus.org/browse/GT-314
\textsuperscript{14} http://jira.globus.org/browse/GT-315
\textsuperscript{15} http://jira.globus.org/browse/GT-316
\textsuperscript{16} http://jira.globus.org/browse/GT-318
\textsuperscript{17} http://jira.globus.org/browse/GT-269
\textsuperscript{18} http://jira.globus.org/browse/GT-299
\textsuperscript{19} http://jira.globus.org/browse/GT-304
\textsuperscript{20} http://jira.globus.org/browse/GT-314
\textsuperscript{21} http://jira.globus.org/browse/GT-316
\textsuperscript{22} ../gridftp_performance.doc
\textsuperscript{23} ../gridftp_scalability.doc