
GT 5.0.0 GridFTP: Quality Profile

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<titleabbrev>Quality Profile</titleabbrev>

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 Bugs

The following problems are known to exist for GridFTP at the time of the 5.0.0 release:

- GridFTP Server
 - There are some small memory leaks, though they should not grow much.
 - Some error responses are unclear.

3.1. Limitations

In order to use custom XIO drivers with GridFTP and globus-url-copy, the flavor of the driver must match the flavor of globus-gridftp-server and globus-url-copy (for 2-party transfers).

4. Bug Fixes

- [Bug 6783](https://bugzilla.mcs.anl.gov/globus/show_bug.cgi?id=6783)¹ - Gridftp intermittently gives users access to groups that root is in but the user is not
- [Bug 6601](https://bugzilla.mcs.anl.gov/globus/show_bug.cgi?id=6601)² - globus-gridftp-server -ssh hangs when using OpenSSH 5.1p1
- [Bug 6851](https://bugzilla.mcs.anl.gov/globus/show_bug.cgi?id=6851)³ - Memory violation in globus_ftp_control_auth_info_compare()
- [Bug 6867](https://bugzilla.mcs.anl.gov/globus/show_bug.cgi?id=6867)⁴ - GridFTP FTP_INFO logs sometimes have tiny or negative durations

¹ https://bugzilla.mcs.anl.gov/globus/show_bug.cgi?id=6783

² https://bugzilla.mcs.anl.gov/globus/show_bug.cgi?id=6601

³ https://bugzilla.mcs.anl.gov/globus/show_bug.cgi?id=6851

⁴ https://bugzilla.mcs.anl.gov/globus/show_bug.cgi?id=6867

- [Bug 6848](#)⁵ - Change in behaviour with -f flag between versions 3.23 and 4.14

5. Performance reports

- [Performance of Globus Striped GridFTP Server on TeraGrid](#)⁶
- [GridFTP Scalability and Performance Results](#)⁷

⁵ https://bugzilla.mcs.anl.gov/globus/show_bug.cgi?id=6848

⁶ ../gridftp_performance.doc

⁷ ../gridftp_scalability.doc