

# GT 4.2.0 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 4.2.0 release:

- [Bug 2547](#)<sup>1</sup>: gridftp config detach option doesn't work
- GridFTP Server
  - There are some small memory leaks, though they should not grow much.
  - Threaded builds should work, but increased pollers may produce hangs (please report these).
  - Some error responses are unclear.
  - [Bug 2547](#)<sup>2</sup>: gridftp config detach option doesn't work
  - See the known issues section of source-trees/gridftp/server/src/TODO in the source installer for other issues.

### 3.1. Limitations

- [list limitations]

## 4. Bug Fixes

- [Bug 1883](#)<sup>3</sup>: globus\_ftp\_control server does not decode ADAT properly.

<sup>1</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=2547](http://bugzilla.globus.org/globus/show_bug.cgi?id=2547)

<sup>2</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=2547](http://bugzilla.globus.org/globus/show_bug.cgi?id=2547)

<sup>3</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=1883](http://bugzilla.globus.org/globus/show_bug.cgi?id=1883)

- [Bug 1928](#)<sup>4</sup>: Strange problems: Busy wait and address in use.
- [Bug 2036](#)<sup>5</sup>: New gridftp, globus-gridftp-server, does not use globus\_gss\_assist\_map\_and\_authorize
- [Bug 2128](#)<sup>6</sup>: gridftp server checks ownership of hostcert after setuid
- [Bug 2129](#)<sup>7</sup>: Gridftp logging levels (is 7>10?)
- [Bug 2132](#)<sup>8</sup>: Server responds with "Valid credentials could not be found..."
- [Bug 2452](#)<sup>9</sup>: non-striped gridFTP not working w/ round robin
- [Bug 2463](#)<sup>10</sup>: striped server, small partial transfers hang
- [Bug 2464](#)<sup>11</sup>: striped server to non-striped server doesn't work

## 5. Performance reports

- [Performance of Globus Striped GridFTP Server on TeraGrid](#)<sup>12</sup>
- [GridFTP Scalability and Performance Results](#)<sup>13</sup>

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<sup>4</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=1928](http://bugzilla.globus.org/globus/show_bug.cgi?id=1928)

<sup>5</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=2036](http://bugzilla.globus.org/globus/show_bug.cgi?id=2036)

<sup>6</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=2128](http://bugzilla.globus.org/globus/show_bug.cgi?id=2128)

<sup>7</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=2129](http://bugzilla.globus.org/globus/show_bug.cgi?id=2129)

<sup>8</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=2132](http://bugzilla.globus.org/globus/show_bug.cgi?id=2132)

<sup>9</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=2452](http://bugzilla.globus.org/globus/show_bug.cgi?id=2452)

<sup>10</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=2463](http://bugzilla.globus.org/globus/show_bug.cgi?id=2463)

<sup>11</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=2464](http://bugzilla.globus.org/globus/show_bug.cgi?id=2464)

<sup>12</sup> ../gridftp\_performance.doc

<sup>13</sup> ../gridftp\_scalability.doc