

# GT4.2.0 GSI C Quality Profile

## Table of Contents

1. Test coverage reports .....	1
2. Code analysis reports .....	1
3. Outstanding bugs .....	1
4. Bug Fixes .....	2
5. Performance reports .....	3
Glossary .....	3

<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. Outstanding bugs

- [Bug 903](http://bugzilla.globus.org/globus/show_bug.cgi?id=903)<sup>1</sup>: grid-proxy-init crashes ERROR:Couldn't create *proxy certificate*
- [Bug 989](http://bugzilla.globus.org/globus/show_bug.cgi?id=989)<sup>2</sup>: Error message I get when 'grid-proxy-init' is all that's required
- [Bug 1301](http://bugzilla.globus.org/globus/show_bug.cgi?id=1301)<sup>3</sup>: random errors during ftp tests
- [Bug 1679](http://bugzilla.globus.org/globus/show_bug.cgi?id=1679)<sup>4</sup>: Unified support for emailAddress in grid-mapfile
- [Bug 1753](http://bugzilla.globus.org/globus/show_bug.cgi?id=1753)<sup>5</sup>: bug 318 resolution opens door to spoofing ?
- [Bug 1843](http://bugzilla.globus.org/globus/show_bug.cgi?id=1843)<sup>6</sup>: Cert Search Order on Windows
- [Bug 1845](http://bugzilla.globus.org/globus/show_bug.cgi?id=1845)<sup>7</sup>: globus\_mutex\_lock fails in gss\_acquire\_cred procedure
- [Bug 2589](http://bugzilla.globus.org/globus/show_bug.cgi?id=2589)<sup>8</sup>: Behavior of C and java grid-proxy-init differ, should be unified
- [Bug 2676](http://bugzilla.globus.org/globus/show_bug.cgi?id=2676)<sup>9</sup>: GSI on Windows?

<sup>1</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=903](http://bugzilla.globus.org/globus/show_bug.cgi?id=903)

<sup>2</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=989](http://bugzilla.globus.org/globus/show_bug.cgi?id=989)

<sup>3</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=1301](http://bugzilla.globus.org/globus/show_bug.cgi?id=1301)

<sup>4</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=1679](http://bugzilla.globus.org/globus/show_bug.cgi?id=1679)

<sup>5</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=1753](http://bugzilla.globus.org/globus/show_bug.cgi?id=1753)

<sup>6</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=1843](http://bugzilla.globus.org/globus/show_bug.cgi?id=1843)

<sup>7</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=1845](http://bugzilla.globus.org/globus/show_bug.cgi?id=1845)

<sup>8</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=2589](http://bugzilla.globus.org/globus/show_bug.cgi?id=2589)

<sup>9</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=2676](http://bugzilla.globus.org/globus/show_bug.cgi?id=2676)

## 4. Bug Fixes

- [Bug 1217](#)<sup>10</sup>: gss\_export\_name() does not conform to RFC 2743 section 3.2
- [Bug 1334](#)<sup>11</sup>: request for more strict format checking in grid-mapfile-check-consistency
- [Bug 1740](#)<sup>12</sup>: Implicit module activation
- [Bug 1802](#)<sup>13</sup>: accept\_sec\_context doesn't set LIMITED\_PROXY\_FLAG for GSI\_3\_LIMITED\_PROXY
- [Bug 1847](#)<sup>14</sup>: grid-cert-request with both /etc/grid-security and \$GL/share/certificates
- [Bug 1854](#)<sup>15</sup>: grid-cert-info help message is missing a word
- [Bug 1927](#)<sup>16</sup>: authz linking problems on Mac OS X
- [Bug 2035](#)<sup>17</sup>: globus\_callout\_read\_config sets datum->next to datum
- [Bug 2180](#)<sup>18</sup>: The most trivial bug report ever
- [Bug 2207](#)<sup>19</sup>: Missing security error 'timestampNotOk'
- [Bug 2316](#)<sup>20</sup>: openssl vendorcc32 on solaris fails
- [Bug 2357](#)<sup>21</sup>: grid-mapfile\* commands ignoring env var GRIDMAP
- [Bug 2368](#)<sup>22</sup>: grid-default-ca ignores X509\_CERT\_DIR env. variable
- [Bug 2476](#)<sup>23</sup>: 3.9.4 rc3 gaa\_simple does not build with --static=1
- [Bug 2499](#)<sup>24</sup>: grid-cert-request interactive mode
- [Bug 2558](#)<sup>25</sup>: grid-default-ca doesn't work if there isn't already a default CA
- [Bug 2564](#)<sup>26</sup>: openssl in 3.9.4 isn't building for non-dbg vendorcc flavors on Solaris
- [Bug 2695](#)<sup>27</sup>: Openssl pthread build fails on Tru64

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<sup>10</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=1217](http://bugzilla.globus.org/globus/show_bug.cgi?id=1217)

<sup>11</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=1334](http://bugzilla.globus.org/globus/show_bug.cgi?id=1334)

<sup>12</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=1740](http://bugzilla.globus.org/globus/show_bug.cgi?id=1740)

<sup>13</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=1802](http://bugzilla.globus.org/globus/show_bug.cgi?id=1802)

<sup>14</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=1847](http://bugzilla.globus.org/globus/show_bug.cgi?id=1847)

<sup>15</sup> [http://bugzilla.globus.org/globus/show\\_bug.cgi?id=1854](http://bugzilla.globus.org/globus/show_bug.cgi?id=1854)

<sup>16</sup> [http://bugzilla.globus.org/bugzilla/show\\_bug.cgi?id=1927](http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=1927)

<sup>17</sup> [http://bugzilla.globus.org/bugzilla/show\\_bug.cgi?id=2035](http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2035)

<sup>18</sup> [http://bugzilla.globus.org/bugzilla/show\\_bug.cgi?id=2180](http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2180)

<sup>19</sup> [http://bugzilla.globus.org/bugzilla/show\\_bug.cgi?id=2207](http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2207)

<sup>20</sup> [http://bugzilla.globus.org/bugzilla/show\\_bug.cgi?id=2316](http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2316)

<sup>21</sup> [http://bugzilla.globus.org/bugzilla/show\\_bug.cgi?id=2357](http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2357)

<sup>22</sup> [http://bugzilla.globus.org/bugzilla/show\\_bug.cgi?id=2368](http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2368)

<sup>23</sup> [http://bugzilla.globus.org/bugzilla/show\\_bug.cgi?id=2476](http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2476)

<sup>24</sup> [http://bugzilla.globus.org/bugzilla/show\\_bug.cgi?id=2499](http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2499)

<sup>25</sup> [http://bugzilla.globus.org/bugzilla/show\\_bug.cgi?id=2558](http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2558)

<sup>26</sup> [http://bugzilla.globus.org/bugzilla/show\\_bug.cgi?id=2564](http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2564)

<sup>27</sup> [http://bugzilla.globus.org/bugzilla/show\\_bug.cgi?id=2695](http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2695)

## 5. Performance reports

- There are no performance reports available at this time.

# Glossary

## P

proxy certificate

A short lived certificate issued using a EEC. A proxy certificate typically has the same effective subject as the EEC that issued it and can thus be used in its place. GSI uses proxy certificates for single sign on and delegation of rights to other entities.

For more information about types of proxy certificates and their compatibility in different versions of GT, see <http://dev.globus.org/wiki/Security/ProxyCertTypes>.