
GT5.0.2 GSI C Quality Profile

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<titleabbrev>Quality Profile</titleabbrev>

1. Test coverage reports

- [Test coverage reports for GSIC](#)¹

2. Code analysis reports

- There are no code analysis reports available at this time.

3. Outstanding bugs

- [Bug 1239](#):² grid grants access even though local account is locked
- [Bug 1528](#):³ Getting CA information during handshake
- [Bug 3521](#):⁴ Conditionally disallow grid-mapfile-{add,delete}-entry
- [Bug 3555](#):⁵ Implement HSPD-12/PIV-II
- [Bug 3781](#):⁶ GSI caching of CRLs causes problems when process lifetime exceeds CRL lifetime
- [Bug 4180](#):⁷ Exact syntax of grid-mapfile?
- [Bug 4788](#):⁸ [patch] add OCSP check to globus_i_gsi_callback_check_revoked()
- [Bug 5304](#):⁹ better commandline option for people who have multiple certs
- [Bug 5768](#):¹⁰ Reconfiguration of Cipher Suite

¹ <http://www-unix.mcs.anl.gov/~bester/gsi/coverage/4.2.1/>

² http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=1239

³ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=1528

⁴ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=3521

⁵ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=3555

⁶ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=3781

⁷ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=4180

⁸ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=4788

⁹ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=5304

¹⁰ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=5768

- [Bug 6384](#).¹¹ fix leaks and uninitialized memory read in GAA
- [Bug 6385](#).¹² grid-change-passphrase gives obscure error for incorrect passphrase
- [Bug 6614](#).¹³ GT Proxy Certificates should use random serial number to prevent predictable certificate contents
- [Bug 6663](#).¹⁴ grid-cert-diagnostics doesn't check CRLs
- [Bug 6741](#).¹⁵ Allow plugins without the flavor extension in the name
- [Bug 6901](#).¹⁶ mutal auth in init_context fails for generic service
- [Bug 6964](#).¹⁷ Confusing error message from grid-cert-request
- [Bug 1476](#).¹⁸ grid-cert-request directions should be generalized
- [Bug 2983](#).¹⁹ Missing TESTS.pl script for globus_authz_test
- [Bug 3062](#).²⁰ Missing TESTS.pl script for gaa_simple_test
- [Bug 3173](#).²¹ /etc/grid-security/gsi-authz.conf and gsi-gaa.conf are build dependent
- [Bug 5634](#).²² Give file location of gridmap in authz failures
- [Bug 4110](#).²³ Need to add an option to grid-cert-request to control key length
- [Bug 5707](#).²⁴ Campaign: Improve C XACML/SAML Engine
- [Bug 6706](#).²⁵ gss_export_sec_context and gss_import_sec_context don't generate independent tokens
- [Bug 2589](#).²⁶ Behavior of C and java grid-proxy-init differ, should be unified
- [Bug 2969](#).²⁷ Too relaxed rules on DN comparisons (all versions of GT)

4. Bug Fixes

- [Bug 7032](#).²⁸ globus-openssl-module pollutes openssl nid space causing authentication failures
- [RIC-111](#).²⁹: grid-proxy-init -verify fails on openssl 0.9.7l

¹¹ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6384

¹² http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6385

¹³ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6614

¹⁴ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6663

¹⁵ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6741

¹⁶ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6901

¹⁷ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6964

¹⁸ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=1476

¹⁹ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2983

²⁰ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=3062

²¹ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=3173

²² http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=5634

²³ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=4110

²⁴ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=5707

²⁵ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6706

²⁶ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2589

²⁷ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2969

²⁸ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=7032

²⁹ <http://jira.globus.org/browse/RIC-111>

- [RIC-68](#)³⁰: Clarify Documentation of Authorization APIS in gss_assist
- [RIC-62](#)³¹: grid-cert-diagnostics doesn't believe trusted CA certs should sign themselves

5. Performance reports

- There are no performance reports available at this time.

Glossary

³⁰ <http://jira.globus.org/browse/RIC-68>

³¹ <http://jira.globus.org/browse/RIC-62>