
GT5.0.0 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 1753](#):⁴ bug 318 resolution opens door to spoofing ?
- [Bug 3019](#):⁵ Key appearing first in proxy certificate file causes GSI to die
- [Bug 3521](#):⁶ Conditionally disallow grid-mapfile-{add,delete}-entry
- [Bug 3555](#):⁷ Implement HSPD-12/PIV-II
- [Bug 3781](#):⁸ GSI caching of CRLs causes problems when process lifetime exceeds CRL lifetime
- [Bug 4180](#):⁹ Exact syntax of grid-mapfile?
- [Bug 4788](#):¹⁰ [patch] add OCSP check to globus_i_gsi_callback_check_revoked()

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=1753

⁵ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=3019

⁶ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=3521

⁷ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=3555

⁸ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=3781

⁹ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=4180

¹⁰ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=4788

- [Bug 5304](#):¹¹ better commandline option for people who have multiple certs
- [Bug 5768](#):¹² Reconfiguration of Cipher Suite
- [Bug 6384](#):¹³ fix leaks and uninitialized memory read in GAA
- [Bug 6385](#):¹⁴ grid-change-passphrase gives obscure error for incorrect passphrase
- [Bug 1476](#):¹⁵ grid-cert-request directions should be generalized
- [Bug 2983](#):¹⁶ Missing TESTS.pl script for globus_authz_test
- [Bug 3062](#):¹⁷ Missing TESTS.pl script for gaa_simple_test
- [Bug 3173](#):¹⁸ /etc/grid-security/gsi-authz.conf and gsi-gaa.conf are build dependent
- [Bug 5634](#):¹⁹ Give file location of gridmap in authz failures
- [Bug 6388](#):²⁰ CAS assertions don't work with GSI C
- [Bug 4110](#):²¹ Need to add an option to grid-cert-request to control key length
- [Bug 5707](#):²² Campaign: Improve C XACML/SAML Engine
- [Bug 2589](#):²³ Behavior of C and java grid-proxy-init differ, should be unified
- [Bug 2969](#):²⁴ Too relaxed rules on DN comparisons (all versions of GT)
- [Bug 3658](#):²⁵ grid-cert-info should have option for RFC 2253 format DN

4. Bug Fixes

- [Bug 6177](#):²⁶ grid-proxy-init with bad passphrase is extra verbose
- [Bug 6242](#):²⁷ Vendor OpenSSL build workaround needs workaround
- [Bug 6248](#):²⁸ grid-cert-diagnostics ignores most CA policy files
- [Bug 6252](#):²⁹ Error parsing signing policy files

¹¹ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=5304

¹² http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=5768

¹³ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6384

¹⁴ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6385

¹⁵ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=1476

¹⁶ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2983

¹⁷ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=3062

¹⁸ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=3173

¹⁹ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=5634

²⁰ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6388

²¹ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=4110

²² http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=5707

²³ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2589

²⁴ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2969

²⁵ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=3658

²⁶ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6177

²⁷ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6242

²⁸ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6248

²⁹ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6252

- [Bug 6299](#).³⁰ gss_assist_tests aren't running.
- [Bug 6300](#).³¹ proxy_ssl tests aren't automated.
- [Bug 6310](#).³² globus_openssl_setup can create bad symlink
- [Bug 6313](#).³³ gss_export_sec_context / gss_import_sec_context lose compression state
- [Bug 6321](#).³⁴ grid-cert-diagnostics should output GLOBUS_LOCATION
- [Bug 6328](#).³⁵ grid-cert-diagnostics should display gridmap-related info
- [Bug 6329](#).³⁶ Weird error for "DN does not match signing policy"
- [Bug 6331](#).³⁷ CAMPAIGN: Improve server identity processing in GSI C
- [Bug 6362](#).³⁸ Fix handling of NULL minor_status in GSSAPI
- [Bug 6363](#).³⁹ grid-proxy-init misreports identity in console output
- [Bug 6366](#).⁴⁰ Fix handling of NULL values in gss_inquire_context
- [Bug 6367](#).⁴¹ globus_i_gsi_gssapi_openssl_error_result doesn't check array bounds
- [Bug 6368](#).⁴² gss_add_oid_set_member can free wild data
- [Bug 6369](#).⁴³ uninitialized variables in GSI
- [Bug 6374](#).⁴⁴ globus-hostname-lookup double-frees when error occurs
- [Bug 6375](#).⁴⁵ Fix memory leaks in credential handling code
- [Bug 6377](#).⁴⁶ Fix memory leaks / error handling in oldgaa
- [Bug 6381](#).⁴⁷ fix memory leaks / pointer errors in proxy_core
- [Bug 6382](#).⁴⁸ gss_assist uninitialized variables and dead code
- [Bug 6383](#).⁴⁹ potential null dereference in gsi_sysconfig

³⁰ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6299

³¹ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6300

³² http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6310

³³ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6313

³⁴ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6321

³⁵ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6328

³⁶ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6329

³⁷ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6331

³⁸ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6362

³⁹ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6363

⁴⁰ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6366

⁴¹ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6367

⁴² http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6368

⁴³ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6369

⁴⁴ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6374

⁴⁵ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6375

⁴⁶ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6377

⁴⁷ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6381

⁴⁸ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6382

⁴⁹ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6383

5. Performance reports

- There are no performance reports available at this time.

Glossary