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# Certification Report for caNI EMI2 Final RC (caNI 1.0, multiplatform)

## Origins

Component	emi.can1
Task	<a href="https://savannah.cern.ch/task/?24865">https://savannah.cern.ch/task/?24865</a>
Configuration	emi-can1_R_1_0_4_1 (C part, Java part), emi-arc_R_2_0_0 (C++ part)
Tag	emi-can1_R_1_0_4_1 (C part), tags/can1-1.0.0 (Java part), tags/0.2.0 (C++ part)
Release	Matterhorn
Platform	SL5 SL6 Deb6
Author	Zdeněk ustr
Date	2020-02-20
Build Report	<a href="http://etics-repository.cern.ch/repository/reports/id/0a840155-2846-4a19-8b45-ad630c415c4c/sl5_x86_">http://etics-repository.cern.ch/repository/reports/id/0a840155-2846-4a19-8b45-ad630c415c4c/sl5_x86_</a> <a href="http://etics-repository.cern.ch/repository/reports/id/f8d90373-6e82-46c1-8ab6-76c5e51d5e63/sl6_x86_">http://etics-repository.cern.ch/repository/reports/id/f8d90373-6e82-46c1-8ab6-76c5e51d5e63/sl6_x86_</a> <a href="http://etics-repository.cern.ch/repository/reports/id/4d896f68-1fa2-4a8d-b5bf-4c67b6c5a6e3/deb6_x86_">http://etics-repository.cern.ch/repository/reports/id/4d896f68-1fa2-4a8d-b5bf-4c67b6c5a6e3/deb6_x86_</a>
YUM repo file	<a href="http://etics-repository.cern.ch/repository/pm/registered/repomd/id/0a840155-2846-4a19-8b45-ad630c415c4c/">http://etics-repository.cern.ch/repository/pm/registered/repomd/id/0a840155-2846-4a19-8b45-ad630c415c4c/</a> <a href="http://etics-repository.cern.ch/repository/pm/registered/repomd/id/f8d90373-6e82-46c1-8ab6-76c5e51d5e63/">http://etics-repository.cern.ch/repository/pm/registered/repomd/id/f8d90373-6e82-46c1-8ab6-76c5e51d5e63/</a>
APT repo file	<a href="http://etics-repository.cern.ch/repository/pm/registered/apt/id/4d896f68-1fa2-4a8d-b5bf-4c67b6c5a6e3/">http://etics-repository.cern.ch/repository/pm/registered/apt/id/4d896f68-1fa2-4a8d-b5bf-4c67b6c5a6e3/</a>
Patch	—
Status	<b>Certified</b>
Duration	—
Previous report	<a href="https://twiki.cern.ch/twiki/bin/view/EMI/CaNIC-partEMI2RC4">https://twiki.cern.ch/twiki/bin/view/EMI/CaNIC-partEMI2RC4</a>

## Summary (EMI Test Report Structure)

1. Deployment log:
  1. Clean Installation—**PASS**
  2. Upgrade Installation—**PASS**
2. Static Code Analysis—**N/A** (The prevalent programming language is C)
3. Unit Tests Execution—**YES**
4. System tests:
  1. Basic Functionality tests—**PASS**
  2. Regression tests—**N/A**
  3. Performance/Scalability tests—**N/A**
  4. Standard Compliance/Conformance tests—**N/A**

### Remarks:

- Regression tests are not applicable. This is the first release of the product

## JAVA Part

### Tests Output

```
[INFO] Scanning for projects...
[WARNING] POM for 'org.codehaus.plexus:plexus-utils:pom:1.1:runtime' is invalid.
Its dependencies (if any) will NOT be available to the current build.
[INFO] -----
```

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```
[INFO] Building canl
[INFO]   task-segment: [test]
[INFO] -----
[INFO] [resources:resources {execution: default-resources}]
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Copying 1 resource
[INFO] [compiler:compile {execution: default-compile}]
[INFO] Compiling 25 source files to /home/golbi/unicore/GIT/canl-java/target/classes
[INFO] [resources:testResources {execution: default-testResources}]
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Copying 2119 resources
[INFO] [compiler:testCompile {execution: default-testCompile}]
[INFO] Compiling 25 source files to /home/golbi/unicore/GIT/canl-java/target/test-classes
[INFO] [surefire:test {execution: default-test}]
[INFO] Surefire report directory: /home/golbi/unicore/GIT/canl-java/target/surefire-reports
```

### ----- T E S T S -----

```
Running eu.emi.security.authn.x509.proxy.ExtensionsTest
Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.032 sec
Running eu.emi.security.authn.x509.impl.RolloverTest
Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.167 sec
Running eu.emi.security.authn.x509.impl.CRLTest
Got connection
http://127.0.0.1:57040/crl.pem java.net.SocketTimeoutException: Read timed out
Tests run: 6, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 7.876 sec
Running eu.emi.security.authn.x509.impl.CredentialsTest
Tests run: 9, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.827 sec
Running eu.emi.security.authn.x509.impl.X500NameUtilsTest
Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.061 sec
Running eu.emi.security.authn.x509.impl.GLiteValidatorTest
Test Case: trusted-certs/trusted_client
Test Case: trusted-certs/trusted_client_exp
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:38 CET 2010
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=trusted client expired,OU=Relax
error at position 0 in chain, problematic certificate subject: CN=trusted client expired,OU=Relax
Test Case: trusted-certs/trusted_clientserver
Test Case: trusted-certs/trusted_clientserver_exp
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=trusted clientserver expired,OU
error at position 0 in chain, problematic certificate subject: CN=trusted clientserver expired,OU
Test Case: trusted-certs/trusted_fclient
Test Case: trusted-certs/trusted_fclient_exp
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:52 CET 2010
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=trusted flag client expired,OU=
error at position 0 in chain, problematic certificate subject: CN=trusted flag client expired,OU=
Test Case: trusted-certs/trusted_none
Test Case: trusted-certs/trusted_none_exp
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=trusted none expired,OU=Relaxat
error at position 0 in chain, problematic certificate subject: CN=trusted none expired,OU=Relaxat
Test Case: trusted-certs/trusted_server
Test Case: trusted-certs/trusted_server_exp
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=trusted flag server expired,OU=
error at position 0 in chain, problematic certificate subject: CN=trusted flag server expired,OU=
Test Case: trusted-certs/trusted_client_rev
Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:37:39 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=trusted client revoked,OU=Relax
Test Case: trusted-certs/trusted_clientserver_rev
```

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Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:37:54 CET 2010, the reason reported:  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted clientserver revoked,OU=Relaxat  
Test Case: trusted-certs/trusted\_fclient\_rev

Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:37:53 CET 2010, the reason reported:  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted flag client revoked,OU=Relaxat  
Test Case: trusted-certs/trusted\_none\_rev

Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:37:54 CET 2010, the reason reported:  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted none revoked,OU=Relaxat  
Test Case: trusted-certs/trusted\_server\_rev

Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:37:53 CET 2010, the reason reported:  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted server revoked,OU=Relaxat  
Test Case: trusted-certs/trusted\_client\_exp.proxy.grid\_proxy

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:38 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=trusted client expired,OU=Relaxat  
error at position 1 in chain, problematic certificate subject: CN=trusted client expired,OU=Relaxat  
error at position 1 in chain, problematic certificate subject: CN=trusted client expired,OU=Relaxat  
Test Case: trusted-certs/trusted\_client.proxy.grid\_proxy  
Test Case: trusted-certs/trusted\_client.proxy\_exp.grid\_proxy

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:36 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Relaxat  
Test Case: trusted-certs/trusted\_clientserver\_exp.proxy.grid\_proxy

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=trusted clientserver expired,OU=Relaxat  
error at position 1 in chain, problematic certificate subject: CN=trusted clientserver expired,OU=Relaxat  
error at position 1 in chain, problematic certificate subject: CN=trusted clientserver expired,OU=Relaxat  
Test Case: trusted-certs/trusted\_clientserver.proxy.grid\_proxy  
Test Case: trusted-certs/trusted\_clientserver.proxy\_exp.grid\_proxy

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:52 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=trusted clientserver,OU=Relaxat  
Test Case: trusted-certs/trusted\_fclient\_exp.proxy.grid\_proxy

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:52 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=trusted flag client expired,OU=Relaxat  
error at position 1 in chain, problematic certificate subject: CN=trusted flag client expired,OU=Relaxat  
error at position 1 in chain, problematic certificate subject: CN=trusted flag client expired,OU=Relaxat  
Test Case: trusted-certs/trusted\_fclient.proxy.grid\_proxy  
Test Case: trusted-certs/trusted\_fclient.proxy\_exp.grid\_proxy

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:40 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=trusted flag client,OU=Relaxat  
Test Case: trusted-certs/trusted\_none\_exp.proxy.grid\_proxy

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=trusted none expired,OU=Relaxat  
error at position 1 in chain, problematic certificate subject: CN=trusted none expired,OU=Relaxat  
error at position 1 in chain, problematic certificate subject: CN=trusted none expired,OU=Relaxat  
Test Case: trusted-certs/trusted\_none.proxy.grid\_proxy  
Test Case: trusted-certs/trusted\_none.proxy\_exp.grid\_proxy

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:52 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=trusted none,OU=Relaxat  
Test Case: trusted-certs/trusted\_server\_exp.proxy.grid\_proxy

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=trusted flag server expired,OU=Relaxat  
error at position 1 in chain, problematic certificate subject: CN=trusted flag server expired,OU=Relaxat  
error at position 1 in chain, problematic certificate subject: CN=trusted flag server expired,OU=Relaxat  
Test Case: trusted-certs/trusted\_server.proxy.grid\_proxy  
Test Case: trusted-certs/trusted\_server.proxy\_exp.grid\_proxy

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Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:51 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=trusted server,OU=Relaxation  
Test Case: trusted-certs/trusted\_client.proxy\_rfc.grid\_proxy  
Test Case: trusted-certs/trusted\_client.proxy\_rfc\_plen.proxy\_rfc.proxy\_rfc.grid\_proxy  
Result (short): FAILED: At the current position the proxy certificates chain exceeded its length  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=rfc proxy,CN=rfc proxy,CN=rfc proxy  
Test Case: trusted-certs/trusted\_client.proxy\_rfc\_plen.proxy\_rfc.grid\_proxy  
Test Case: trusted-certs/trusted\_client.proxy\_rfc\_lim.grid\_proxy  
Test Case: trusted-certs/trusted\_client.proxy\_rfc.proxy.grid\_proxy  
Test Case: trusted-certs/trusted\_client.proxy\_rfc\_lim.proxy\_rfc.grid\_proxy  
Test Case: trusted-certs/trusted\_client.proxy\_rfc.proxy\_rfc\_lim.grid\_proxy  
Test Case: trusted-certs/trusted\_client.proxy\_rfc\_anyp.grid\_proxy  
Test Case: trusted-certs/trusted\_client.proxy\_rfc\_indep.grid\_proxy  
Test Case: trusted-certs/trusted\_client\_rev.proxy.grid\_proxy  
Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:37:39 CET 2010, the reason reported was: Certificate revoked  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=trusted client revoked,OU=Relaxation  
Test Case: trusted-certs/trusted\_clientserver\_rev.proxy.grid\_proxy  
Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:37:54 CET 2010, the reason reported was: Certificate revoked  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=trusted clientserver revoked,OU=Relaxation  
Test Case: trusted-certs/trusted\_fclient\_rev.proxy.grid\_proxy  
Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:37:53 CET 2010, the reason reported was: Certificate revoked  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=trusted flag client revoked,OU=Relaxation  
Test Case: trusted-certs/trusted\_none\_rev.proxy.grid\_proxy  
Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:37:54 CET 2010, the reason reported was: Certificate revoked  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=trusted none revoked,OU=Relaxation  
Test Case: trusted-certs/trusted\_server\_rev.proxy.grid\_proxy  
Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:37:53 CET 2010, the reason reported was: Certificate revoked  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=trusted server revoked,OU=Relaxation  
Test Case: fake-certs/fake\_client  
Result (short): FAILED: No trusted CA certificate was found for the certificate chain  
Result (full) : FAILED The following validation errors were found:  
error affecting the whole chain (category: X509\_CHAIN): No trusted CA certificate was found for the certificate chain  
error at position 0 in chain, problematic certificate subject: CN=fake client,OU=Relaxation,O=Uto  
error at position 0 in chain, problematic certificate subject: CN=fake client,OU=Relaxation,O=Uto  
Test Case: fake-certs/fake\_client.proxy  
Result (short): FAILED: Issuing end entity certificate was not found in the chain with proxy certificate  
Result (full) : FAILED The following validation errors were found:  
error affecting the whole chain (category: INCONSISTENT\_PROXY\_CHAIN): Issuing end entity certificate not found in the chain  
Test Case: fake-certs/fake\_client.proxy.grid\_proxy  
Result (short): FAILED: No trusted CA certificate was found for the certificate chain  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=fake client,OU=Relaxation  
error at position 1 in chain, problematic certificate subject: CN=fake client,OU=Relaxation,O=Uto  
error at position 1 in chain, problematic certificate subject: CN=fake client,OU=Relaxation,O=Uto  
error affecting the whole chain (category: X509\_CHAIN): No trusted CA certificate was found for the certificate chain  
error at position 1 in chain, problematic certificate subject: CN=fake client,OU=Relaxation,O=Uto  
Test Case: trusted-certs/trusted\_client.proxy\_dnerror2.grid\_proxy  
Result (short): FAILED: The proxy subject without its last CN component is not equal to its issuer's subject  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=trusted client,OU=Relaxation,O=Uto  
Test Case: trusted-certs/trusted\_client.proxy\_dnerror.grid\_proxy  
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs found for the CA  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=dnerror proxy,CN=trusted client,OU=Relaxation  
error at position 1 in chain, problematic certificate subject: CN=trusted client,OU=Relaxation,O=Uto  
Test Case: trusted-certs/trusted\_client.proxy\_dnerror.proxy.grid\_proxy  
Result (short): FAILED: No trusted CA certificate was found for the certificate chain  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=dnerror proxy,CN=trusted client,OU=Relaxation  
error at position 2 in chain, problematic certificate subject: CN=trusted client,OU=Relaxation,O=Uto

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error affecting the whole chain (category: X509\_CHAIN): No trusted CA certificate was found for t  
error at position 1 in chain, problematic certificate subject: CN=dnerror proxy,CN=trusted client  
Test Case: trusted-certs/trusted\_client.proxy.proxy\_dnerror.grid\_proxy  
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=dnerror proxy,CN=proxy,CN=trust  
error at position 1 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Rela  
error at position 1 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Rela  
error at position 1 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Rela  
error at position 2 in chain, problematic certificate subject: CN=trusted client,OU=Relaxation,O=  
Test Case: trusted-certs/trusted\_client.proxy\_exp.proxy.grid\_proxy  
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:36 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Rela  
Test Case: trusted-certs/trusted\_client.proxy\_exp.proxy\_exp.grid\_proxy  
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:37 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=proxy,CN=trusted clien  
error at position 1 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Rela  
Test Case: trusted-certs/trusted\_client.proxy.proxy\_exp.grid\_proxy  
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:37 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=proxy,CN=trusted clien  
Test Case: trusted-certs/trusted\_client.proxy.proxy.grid\_proxy  
Test Case: trusted-certs/trusted\_bigclient  
Test Case: subsubca-certs/subsubca\_fullchainclient.proxy.grid\_proxy  
Test Case: subsubca-certs/subsubca\_fullchainclient.proxy.proxy.grid\_proxy  
Test Case: subsubca-certs/subsubca\_client.proxy.grid\_proxy  
Test Case: subsubca-certs/subsubca\_client.proxy.proxy.grid\_proxy  
Test Case: subsubca-certs/subsubca\_client\_rev.proxy.grid\_proxy  
Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:38:16 CET 2010, the reason repo  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=subsubca client revoked,OU=Rela  
Test Case: subsubca-certs/subsubca\_client\_rev.proxy.proxy.grid\_proxy  
Result (short): FAILED: Certificate was revoked at: Thu Dec 16 18:38:16 CET 2010, the reason repo  
Result (full) : FAILED The following validation errors were found:  
error at position 2 in chain, problematic certificate subject: CN=subsubca client revoked,OU=Rela  
Test Case: subsubca-certs/subsubca\_clientbaddn.proxy.grid\_proxy  
Test Case: subsubca-certs/subsubca\_clientbaddn.proxy.proxy.grid\_proxy  
Test Case: big-certs/big\_client.proxy.grid\_proxy  
Test Case: big-certs/big\_client.proxy.proxy.grid\_proxy  
Test Case: trusted-certs/trusted\_client  
Test Case: trusted-certs/trusted\_client\_exp  
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:38 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted client expired,OU=Relax  
Test Case: trusted-certs/trusted\_clientserver  
Test Case: trusted-certs/trusted\_clientserver\_exp  
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted clientserver expired,OU  
Test Case: trusted-certs/trusted\_fclient  
Test Case: trusted-certs/trusted\_fclient\_exp  
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:52 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted flag client expired,OU=  
Test Case: trusted-certs/trusted\_none  
Test Case: trusted-certs/trusted\_none\_exp  
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted none expired,OU=Relaxat  
Test Case: trusted-certs/trusted\_server  
Test Case: trusted-certs/trusted\_server\_exp  
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted flag server expired,OU=  
Test Case: trusted-certs/trusted\_client\_rev

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Test Case: trusted-certs/trusted\_clientserver\_rev  
Test Case: trusted-certs/trusted\_fclient\_rev  
Test Case: trusted-certs/trusted\_none\_rev  
Test Case: trusted-certs/trusted\_server\_rev  
Test Case: trusted-certs/trusted\_client\_exp.proxy.grid\_proxy  
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:38 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=trusted client expired,OU=Relax  
error at position 1 in chain, problematic certificate subject: CN=trusted client expired,OU=Relax  
Test Case: trusted-certs/trusted\_client.proxy.grid\_proxy  
Test Case: trusted-certs/trusted\_client.proxy\_exp.grid\_proxy  
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:36 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Relax  
Test Case: trusted-certs/trusted\_clientserver\_exp.proxy.grid\_proxy  
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010  
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error at position 1 in chain, problematic certificate subject: CN=trusted clientserver expired,OU=Relax  
error at position 1 in chain, problematic certificate subject: CN=trusted clientserver expired,OU=Relax  
Test Case: trusted-certs/trusted\_clientserver.proxy.grid\_proxy  
Test Case: trusted-certs/trusted\_clientserver.proxy\_exp.grid\_proxy  
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:52 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=trusted clientserver,OU=Relax  
Test Case: trusted-certs/trusted\_fclient\_exp.proxy.grid\_proxy  
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:52 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=trusted flag client expired,OU=Relax  
error at position 1 in chain, problematic certificate subject: CN=trusted flag client expired,OU=Relax  
Test Case: trusted-certs/trusted\_fclient.proxy.grid\_proxy  
Test Case: trusted-certs/trusted\_fclient.proxy\_exp.grid\_proxy  
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:40 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=trusted flag client,OU=Relax  
Test Case: trusted-certs/trusted\_none\_exp.proxy.grid\_proxy  
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=trusted none expired,OU=Relax  
error at position 1 in chain, problematic certificate subject: CN=trusted none expired,OU=Relax  
Test Case: trusted-certs/trusted\_none.proxy.grid\_proxy  
Test Case: trusted-certs/trusted\_none.proxy\_exp.grid\_proxy  
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:52 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=trusted none,OU=Relax  
Test Case: trusted-certs/trusted\_server\_exp.proxy.grid\_proxy  
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=trusted flag server expired,OU=Relax  
error at position 1 in chain, problematic certificate subject: CN=trusted flag server expired,OU=Relax  
Test Case: trusted-certs/trusted\_server.proxy.grid\_proxy  
Test Case: trusted-certs/trusted\_server.proxy\_exp.grid\_proxy  
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:51 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=trusted server,OU=Relax  
Test Case: trusted-certs/trusted\_client.proxy\_rfc.grid\_proxy  
Test Case: trusted-certs/trusted\_client.proxy\_rfc\_plen.proxy\_rfc.proxy\_rfc.grid\_proxy  
Result (short): FAILED: At the current position the proxy certificates chain exceeded its length  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=rfc proxy,CN=rfc proxy,CN=rfc proxy  
Test Case: trusted-certs/trusted\_client.proxy\_rfc\_plen.proxy\_rfc.grid\_proxy  
Test Case: trusted-certs/trusted\_client.proxy\_rfc\_lim.grid\_proxy  
Test Case: trusted-certs/trusted\_client.proxy\_rfc.proxy.grid\_proxy  
Test Case: trusted-certs/trusted\_client.proxy\_rfc\_lim.proxy\_rfc.grid\_proxy  
Test Case: trusted-certs/trusted\_client.proxy\_rfc.proxy\_rfc\_lim.grid\_proxy  
Test Case: trusted-certs/trusted\_client.proxy\_rfc\_anyp.grid\_proxy  
Test Case: trusted-certs/trusted\_client.proxy\_rfc\_indep.grid\_proxy  
Test Case: trusted-certs/trusted\_client\_rev.proxy.grid\_proxy

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Test Case: trusted-certs/trusted\_clientserver\_rev.proxy.grid\_proxy  
Test Case: trusted-certs/trusted\_fclient\_rev.proxy.grid\_proxy  
Test Case: trusted-certs/trusted\_none\_rev.proxy.grid\_proxy  
Test Case: trusted-certs/trusted\_server\_rev.proxy.grid\_proxy  
Test Case: fake-certs/fake\_client  
Result (short): FAILED: No trusted CA certificate was found for the certificate chain  
Result (full) : FAILED The following validation errors were found:  
error affecting the whole chain (category: X509\_CHAIN): No trusted CA certificate was found for t  
error at position 0 in chain, problematic certificate subject: CN=fake client,OU=Relaxation,O=Uto  
Test Case: fake-certs/fake\_client.proxy  
Result (short): FAILED: Issuing end entity certificate was not found in the chain with proxy cert  
Result (full) : FAILED The following validation errors were found:  
error affecting the whole chain (category: INCONSISTENT\_PROXY\_CHAIN): Issuing end entity certific  
Test Case: fake-certs/fake\_client.proxy.grid\_proxy  
Result (short): FAILED: No trusted CA certificate was found for the certificate chain  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=fake client,OU=Relaxat  
error at position 1 in chain, problematic certificate subject: CN=fake client,OU=Relaxation,O=Uto  
error affecting the whole chain (category: X509\_CHAIN): No trusted CA certificate was found for t  
error at position 1 in chain, problematic certificate subject: CN=fake client,OU=Relaxation,O=Uto  
Test Case: trusted-certs/trusted\_client.proxy\_dnerror2.grid\_proxy  
Result (short): FAILED: The proxy subject without its last CN component is not equal to its issue  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=trusted client,OU=Relaxation,O=  
Test Case: trusted-certs/trusted\_client.proxy\_dnerror.grid\_proxy  
Result (short): FAILED: The selected CA certificate does not contain the mandatory Basic Constrai  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=trusted client,OU=Relaxation,O=  
Test Case: trusted-certs/trusted\_client.proxy\_dnerror.proxy.grid\_proxy  
Result (short): FAILED: No trusted CA certificate was found for the certificate chain  
Result (full) : FAILED The following validation errors were found:  
error at position 2 in chain, problematic certificate subject: CN=trusted client,OU=Relaxation,O=  
error affecting the whole chain (category: X509\_CHAIN): No trusted CA certificate was found for t  
error at position 1 in chain, problematic certificate subject: CN=dnerror proxy,CN=trusted client  
Test Case: trusted-certs/trusted\_client.proxy\_dnerror.grid\_proxy  
Result (short): FAILED: The certificate is no CA certificate but used as one  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Rela  
error at position 1 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Rela  
error at position 2 in chain, problematic certificate subject: CN=trusted client,OU=Relaxation,O=  
Test Case: trusted-certs/trusted\_client.proxy\_exp.proxy.grid\_proxy  
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:36 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Rela  
Test Case: trusted-certs/trusted\_client.proxy\_exp.proxy.grid\_proxy  
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:37 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=proxy,CN=trusted clien  
error at position 1 in chain, problematic certificate subject: CN=proxy,CN=trusted client,OU=Rela  
Test Case: trusted-certs/trusted\_client.proxy.proxy\_exp.grid\_proxy  
Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:37 CET 2010  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=proxy,CN=proxy,CN=trusted clien  
Test Case: trusted-certs/trusted\_client.proxy.grid\_proxy  
Test Case: trusted-certs/trusted\_bigclient  
Test Case: subsubca-certs/subsubca\_fullchainclient.proxy.grid\_proxy  
Test Case: subsubca-certs/subsubca\_fullchainclient.proxy.proxy.grid\_proxy  
Test Case: subsubca-certs/subsubca\_client.proxy.grid\_proxy  
Test Case: subsubca-certs/subsubca\_client.proxy.proxy.grid\_proxy  
Test Case: subsubca-certs/subsubca\_client\_rev.proxy.grid\_proxy  
Test Case: subsubca-certs/subsubca\_client\_rev.proxy.proxy.grid\_proxy  
Test Case: subsubca-certs/subsubca\_clientbaddn.proxy.grid\_proxy  
Test Case: subsubca-certs/subsubca\_clientbaddn.proxy.proxy.grid\_proxy  
Test Case: big-certs/big\_client.proxy.grid\_proxy  
Test Case: big-certs/big\_client.proxy.proxy.grid\_proxy  
Test Case: trusted-certs/trusted\_client  
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f



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Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted client,OU=Relaxation,O=...  
Test Case: trusted-certs/trusted\_client\_exp

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:38 CET 2010

Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted client expired,OU=Relaxation,O=...  
error at position 0 in chain, problematic certificate subject: CN=trusted client expired,OU=Relaxation,O=...  
Test Case: trusted-certs/trusted\_clientserver

Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs found

Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted clientserver,OU=Relaxation,O=...  
Test Case: trusted-certs/trusted\_clientserver\_exp

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010

Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted clientserver expired,OU=Relaxation,O=...  
error at position 0 in chain, problematic certificate subject: CN=trusted clientserver expired,OU=Relaxation,O=...  
Test Case: trusted-certs/trusted\_fclient

Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs found

Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted flag client,OU=Relaxation,O=...  
Test Case: trusted-certs/trusted\_fclient\_exp

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:52 CET 2010

Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted flag client expired,OU=Relaxation,O=...  
error at position 0 in chain, problematic certificate subject: CN=trusted flag client expired,OU=Relaxation,O=...  
Test Case: trusted-certs/trusted\_none

Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs found

Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted none,OU=Relaxation,O=...  
Test Case: trusted-certs/trusted\_none\_exp

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010

Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted none expired,OU=Relaxation,O=...  
error at position 0 in chain, problematic certificate subject: CN=trusted none expired,OU=Relaxation,O=...  
Test Case: trusted-certs/trusted\_server

Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs found

Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted server,OU=Relaxation,O=...  
Test Case: trusted-certs/trusted\_server\_exp

Result (short): FAILED: Certificate has expired on: Wed Dec 15 18:37:53 CET 2010

Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted flag server expired,OU=Relaxation,O=...  
error at position 0 in chain, problematic certificate subject: CN=trusted flag server expired,OU=Relaxation,O=...  
Test Case: trusted-certs/trusted\_client\_rev

Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs found

Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted client revoked,OU=Relaxation,O=...  
Test Case: trusted-certs/trusted\_clientserver\_rev

Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs found

Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted clientserver revoked,OU=Relaxation,O=...  
Test Case: trusted-certs/trusted\_fclient\_rev

Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs found

Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted flag client revoked,OU=Relaxation,O=...  
Test Case: trusted-certs/trusted\_none\_rev

Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs found

Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted none revoked,OU=Relaxation,O=...  
Test Case: trusted-certs/trusted\_server\_rev

Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs found

Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=trusted server revoked,OU=Relaxation,O=...  
Test Case: subsubca-certs/subsubca\_fullchainclient.proxy.grid\_proxy  
Test Case: subsubca-certs/subsubca\_fullchainclient.proxy.proxy.grid\_proxy  
Test Case: subsubca-certs/subsubca\_client.proxy.grid\_proxy  
Test Case: subsubca-certs/subsubca\_client.proxy.proxy.grid\_proxy

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Test Case: subsubca-certs/subsubca_client_rev.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client_rev.proxy.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_clientbaddn.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_clientbaddn.proxy.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_fullchainclient.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_fullchainclient.proxy.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client_rev.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client_rev.proxy.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_clientbaddn.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_clientbaddn.proxy.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_fullchainclient.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_fullchainclient.proxy.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client.proxy.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client_rev.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_client_rev.proxy.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_clientbaddn.proxy.grid_proxy
Test Case: subsubca-certs/subsubca_clientbaddn.proxy.proxy.grid_proxy
Test Case: slash-certs/slash_client_slash
Tests run: 7, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 2.469 sec
Running eu.emi.security.authn.x509.impl.NISTValidator13_16Test
Result (short): FAILED: The certificate DN CN=Invalid DN nameConstraints EE Certificate Test2,OU=
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: The certificate contains the email address 4: C=US,O=Test Certificates 20
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: The certificate DN CN=Invalid DN nameConstraints EE Certificate Test7,OU=
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: The certificate DN CN=Invalid DN nameConstraints EE Certificate Test8,OU=
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: The certificate DN CN=Invalid DN nameConstraints EE Certificate Test9,OU=
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: The certificate DN CN=Invalid DN nameConstraints EE Certificate Test10,OU=
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: The certificate DN CN=Invalid DN nameConstraints EE Certificate Test12,OU=
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: The certificate DN CN=Invalid DN nameConstraints EE Certificate Test13,OU=
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: The certificate DN CN=Invalid DN nameConstraints EE Certificate Test15,OU=
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: The certificate DN CN=Invalid DN nameConstraints EE Certificate Test16,OU=
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: The certificate DN CN=Invalid DN nameConstraints EE Certificate Test17,OU=
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DN nameConstraints EE C
Result (short): FAILED: Can not verify the CRL as its issuer's public key is unknown or can not b
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=nameConstraints DN1 CA,O=Test C
error at position 0 in chain, problematic certificate subject: CN=nameConstraints DN1 CA,O=Test C
Result (short): FAILED: The certificate contains the email address 1: Test22EE@testcertificates.g
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid RFC822 nameConstraints
Result (short): FAILED: The certificate contains the email address 1: Test24EE@mailserver.testcer
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid RFC822 nameConstraints
Result (short): FAILED: The certificate contains the email address 1: Test26EE@testcertificates.g
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Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=Invalid RFC822 nameConstraints  
Result (short): FAILED: The certificate contains the email address 1: Test28EE@invalidcertificate  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=Invalid DN and RFC822 nameConst  
Result (short): FAILED: The certificate DN 1.2.840.113549.1.9.1=#1620546573743239454540696e76616c  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: EMAILADDRESS=Test29EE@invalidcerti  
Result (short): FAILED: The certificate contains the email address 2: testserver.invalidcertifica  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=Invalid DNS nameConstraints EE  
Result (short): FAILED: The certificate contains the email address 2: invalidcertificates.gov whi  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=Invalid DNS nameConstraints EE  
Result (short): FAILED: The certificate contains the email address 6: http://testcertificates.gov  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=Invalid URI nameConstraints EE  
Result (short): FAILED: The certificate contains the email address 6: ftp://invalidcertificates.g  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=Invalid URI nameConstraints EE  
Result (short): FAILED: The certificate contains the email address 2: mytestcertificates.gov whic  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=Invalid DNS nameConstraints EE  
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=Invalid distributionPoint EE Ce  
Result (short): FAILED: Did not find a matching certificate CRL issuing distribution point name t  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=Invalid distributionPoint EE Ce  
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=Invalid distributionPoint EE Ce  
Result (short): FAILED: Did not find a matching certificate CRL issuing distribution point name t  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=Invalid distributionPoint EE Ce  
Result (short): FAILED: CRL checking failed: CRL for CA certificate only contains user certificat  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=Invalid onlyContainsUserCerts E  
Result (short): FAILED: CRL checking failed: CRL for end certificate only contains CA certificate  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=Invalid onlyContainsCACerts EE  
Result (short): FAILED: CRL checking failed: CRL only contains attribute certificates.  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=Invalid onlyContainsAttirubteCe  
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=Invalid onlySomeReasons EE Cert  
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=Invalid onlySomeReasons EE Cert  
Result (short): FAILED: No valid CRL was found for the CA which issued the chain  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=Invalid onlySomeReasons EE Cert  
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=Invalid onlySomeReasons EE Cert  
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo  
Result (full) : FAILED The following validation errors were found:  
error at position 0 in chain, problematic certificate subject: CN=Invalid IDP with indirectCRL EE  
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f  
Result (full) : FAILED The following validation errors were found:

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error at position 0 in chain, problematic certificate subject: CN=Invalid IDP with indirectCRL EE
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid cRLIssuer EE Certificat
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid cRLIssuer EE Certificat
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid cRLIssuer EE Certificat
Result (short): FAILED: Did not find a matching certificate CRL issuing distribution point name t
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid cRLIssuer EE Certificat
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid deltaCRLIndicator No Ba
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid deltaCRL EE Certificate
Result (short): FAILED: Certificate was revoked at: Tue Jun 01 10:30:00 CEST 2010, the reason rep
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid deltaCRL EE Certificate
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid deltaCRL EE Certificate
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid deltaCRL EE Certificate
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid deltaCRL EE Certificate
Result (short): FAILED: Unknown critical extension was found: 2.16.840.1.101.2.1.12.2
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Unknown Critical Certif
Tests run: 84, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.658 sec
Running eu.emi.security.authn.x509.ns.NamespacesParserTest
Testing file 7f4db168.namespaces
Testing file 90064a82.namespaces
Testing file ff430c7f.namespaces
Testing file 12d0da68.namespaces
Testing file 075047ca.namespaces
Testing file f57f9e36.namespaces
Testing file 03b260e0.namespaces
Testing file d9be2151.namespaces
Testing file e8d818e6.namespaces
Testing file 156a0f0f.namespaces
Testing file cd536adc.namespaces
Testing file 20b7db76.namespaces
Testing file d1b603c3.namespaces
Testing file 1c3f2ca8.namespaces
Testing file 9d772be7.namespaces
Testing file c2868627.namespaces
Testing file 7b54708e.namespaces
Testing file d0c2a341.namespaces
Testing file 393f7863.namespaces
Testing file bb01cea1.namespaces
Testing file 0119347c.namespaces
Testing file d87163a8.namespaces
Testing file d254cc30.namespaces
Testing file f2e89fe3.namespaces
Testing file a47867ef.namespaces
Testing file 3839294d.namespaces
Testing file 0a49430a.namespaces
Testing file 9b95bbf2.namespaces
```

Testing file dd9d2a1a.namespaces  
Testing file 6e3b436b.namespaces  
Testing file 3232b9bc.namespaces  
Testing file 5dda73d8.namespaces  
Testing file e2023333.namespaces  
Testing file d38446c5.namespaces  
Testing file 7022e3c4.namespaces  
Testing file 84df5188.namespaces  
Testing file 585d9326.namespaces  
Testing file e13e0fcf.namespaces  
Testing file b7bcb7b2.namespaces  
Testing file 9b59ecad.namespaces  
Testing file 3c58f906.namespaces  
Testing file 157753a5.namespaces  
Testing file cc5645bd.namespaces  
Testing file 86b6fa2c.namespaces  
Testing file dd51b42a.namespaces  
Testing file b874affe.namespaces  
Testing file 9cd75e87.namespaces  
Testing file 3fb4d8a6.namespaces  
Testing file 83676c6b.namespaces  
Testing file 60ef89df.namespaces  
Testing file 9036db5e.namespaces  
Testing file 709bed08.namespaces  
Testing file 0a2bac92.namespaces  
Testing file 28776852.namespaces  
Testing file 2376bd8e.namespaces  
Testing file 55994d72.namespaces  
Testing file 6a13d748.namespaces  
Testing file 2c0df5ae.namespaces  
Testing file ee64a828.namespaces  
Testing file dfcb9731.namespaces  
Testing file 9ff26ea4.namespaces  
Testing file 742edd45.namespaces  
Testing file 089450c2.namespaces  
Testing file bdf45114.namespaces  
Testing file 09ff08b7.namespaces  
Testing file 16da7552.namespaces  
Testing file 02a45931.namespaces  
Testing file 74c6eae8.namespaces  
Testing file e5cc84c2.namespaces  
Testing file 0a12b607.namespaces  
Testing file ba2f39ca.namespaces  
Testing file 722e5071.namespaces  
Testing file bffbd7d0.namespaces  
Testing file 4d654d1d.namespaces  
Testing file d71343e8.namespaces  
Testing file 10718cba.namespaces  
Testing file 1149214e.namespaces  
Testing file bca425d1.namespaces  
Testing file da75f6a8.namespaces  
Testing file 30feecdf.namespaces  
Testing file ff783690.namespaces  
Testing file 94b468c6.namespaces  
Testing file 0e635db3.namespaces  
Testing file 9629661e.namespaces  
Testing file 3f0f4285.namespaces  
Testing file 7cef5492.namespaces  
Testing file 18bc5b05.namespaces  
Testing file 13ba0088.namespaces  
Testing file 8c13c962.namespaces  
Testing file 4ce1cf99.namespaces  
Testing file 99f9f5a3.namespaces  
Testing file 8a047de1.namespaces  
Testing file 617ff41b.namespaces  
Testing file 2ac09305.namespaces  
Testing file fc1898ec.namespaces

Testing file 24c3ccde.namespaces  
Testing file 8a661490.namespaces  
Testing file 7721d4d3.namespaces  
Testing file 87429ba3.namespaces  
Testing file 5bb7d63e.namespaces  
Testing file d0cd0b27.namespaces  
Testing file 163af95c.namespaces  
Testing file 2418a3f3.namespaces  
Testing file d492aff2.namespaces  
Testing file 3de400d0.namespaces  
Testing file 25694cc4.namespaces  
Testing file d072977b.namespaces  
Testing file c48c63f3.namespaces  
Testing file 28a58577.namespaces  
Testing file 7d0d064a.namespaces  
Testing file ff94d436.namespaces  
Testing file b38b4d8c.namespaces  
Testing file ce33db76.namespaces  
Testing file 8e6538d2.namespaces  
Testing file 2f3fadf6.namespaces  
Testing file 080911ac.namespaces  
Testing file 727146a8.namespaces  
Testing file 7ed47087.namespaces  
Testing file e21dc0c0.namespaces  
Testing file 5a68802a.namespaces  
Testing file d11f973e.namespaces  
Testing file 468d15b3.namespaces  
Testing file 6cad3d39.namespaces  
Testing file a9082267.namespaces  
Testing file 1e43b9cc.namespaces  
Testing file 9dd23746.namespaces  
Testing file e580c4f9.namespaces  
Testing file a02131f7.namespaces  
Testing file 2eb756e6.namespaces  
Testing file 07397040.namespaces  
Testing file dd4b34ea.namespaces  
Testing file 9d78dd37.namespaces  
Testing file cc800af0.namespaces  
Testing file 4798da47.namespaces  
Testing file 1f3834d0.namespaces  
Testing file 75680d2e.namespaces  
Testing file b13cc6df.namespaces  
Testing file 4220f3a5.namespaces  
Testing file e8ac4b61.namespaces  
Testing file 64d1f6f4.namespaces  
Testing file be87b272.namespaces  
Testing file 5d674a88.namespaces  
Testing file 684261aa.namespaces  
Testing file 11b4a5a2.namespaces  
Testing file 71a89a47.namespaces  
Testing file 1691b9ba.namespaces  
Testing file 295adc19.namespaces  
Testing file 5cf9d536.namespaces  
Testing file 719a853d.namespaces  
Testing file 9ef5f911.namespaces  
Testing file 86dachba7.namespaces  
Testing file fdf90b95.namespaces  
Testing file afe55e66.namespaces  
Testing file dfb080e4.namespaces  
Testing file b2771d44.namespaces  
Testing file d3619baa.namespaces  
Testing file b1ac0d46.namespaces  
Testing file a317c467.namespaces  
Testing file edca0fc0.namespaces  
Testing file b459ca48.namespaces  
Testing file 30ffc224.namespaces  
Testing file 1e12d831.namespaces

```

Testing file bfafdlbd.namespaces
Testing file c692a373.namespaces
Testing file 20ce830e.namespaces
Testing file 2a237f16.namespaces
Testing file ef300431.namespaces
Testing file d0b701c0.namespaces
Testing file 9df51c42.namespaces
Testing file 18700496.namespaces
Testing file f4401b90.namespaces
Testing file f5ead794.namespaces
Testing file 03a1fa38.namespaces
Testing file 98ef0ee5.namespaces
Testing file 885cc27c.namespaces
Testing file 522b8537.namespaces
Testing file 7ecb2657.namespaces
Testing file 33eb0f86.namespaces
Testing file 3d5be7bc.namespaces
Testing file 3d863bc5.namespaces
Testing file 1f0e8352.namespaces
Testing file b93d6240.namespaces
Testing file 56084620.namespaces
Testing file 01b5d333.namespaces
Testing file 1e3261e6.namespaces
Testing file 524cae41.namespaces
Testing file 1e4f9475.namespaces
Testing file dc75341f.namespaces
Testing file a87d9192.namespaces
Testing file 6fee79b0.namespaces
Testing file 3ccc03a5.namespaces
Testing file 2f2f573f.namespaces
Testing file 4b2783ac.namespaces
Testing file 709afd2b.namespaces
Testing file src/test/resources/namespaces/4798da47.namespaces
Got an expected error for file src/test/resources/namespaces/00000001.namespaces: Syntax problem,
Got an expected error for file src/test/resources/namespaces/00000002.namespaces: Syntax problem,
Got an expected error for file src/test/resources/namespaces/00000003.namespaces: Syntax problem,
Got an expected error for file src/test/resources/namespaces/00000004.namespaces: Syntax problem,
Got an expected error for file src/test/resources/namespaces/00000005.namespaces: Syntax problem,
Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.186 sec
Running eu.emi.security.authn.x509.impl.NISTValidator01_5Test
Result (short): FAILED: Signature of a certificate is invalid: java.security.InvalidKeyException:
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=Bad Signed CA,O=Test Certificat
Result (short): FAILED: Signature of a certificate is invalid: java.security.InvalidKeyException:
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid EE Signature Test3,O=Te
Result (short): FAILED: Signature of a certificate is invalid: java.security.InvalidKeyException:
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid DSA Signature EE Certif
Result (short): FAILED: Certificate is not yet valid. Will be from: Tue Jan 01 13:01:00 CET 2047
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=Bad notBefore Date CA,O=Test Ce
Result (short): FAILED: Certificate is not yet valid. Will be from: Tue Jan 01 13:01:00 CET 2047
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid EE notBefore Date EE Ce
Result (short): FAILED: Certificate has expired on: Sat Jan 01 09:30:00 CET 2011
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=Bad notAfter Date CA,O=Test Cer
Result (short): FAILED: Certificate has expired on: Sat Jan 01 09:30:00 CET 2011
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid EE notAfter Date EE Cer
Result (short): FAILED: Certificate has expired on: Fri Jan 01 13:01:00 CET 1999
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid pre2000 UTC EE notAfter
error at position 0 in chain, problematic certificate subject: CN=Invalid pre2000 UTC EE notAfter
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:

```

## CaNIC-partEMI2FinalRC < EMI < TWiki

```
error at position 0 in chain, problematic certificate subject: CN=Invalid Name Chaining EE Certif
error at position 0 in chain, problematic certificate subject: CN=Invalid Name Chaining EE Certif
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Name Chaining Order EE
error at position 0 in chain, problematic certificate subject: CN=Invalid Name Chaining Order EE
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Missing CRL EE Certific
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=Revoked subCA,O=Test Certificat
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:01 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Revoked EE Certificate
Result (short): FAILED: Signature of a CRL corresponding to this certificate's CA is invalid Caus
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Bad CRL Signature EE Ce
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Bad CRL Issuer Name EE
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Wrong CRL EE Certificat
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Unknown CRL Entry Exten
Result (short): FAILED: CRL contains unknown critical extensions, the first one is 2.16.840.1.101
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Unknown CRL Extension E
Result (short): FAILED: CRL contains unknown critical extensions, the first one is 2.16.840.1.101
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Unknown CRL Extension E
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Old CRL nextUpdate EE C
Result (short): FAILED: No valid CRL was found for the CA which issued the chain Cause: No CRLs f
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid pre2000 CRL nextUpdate
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Negative Serial Number
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Long Serial Number EE C
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Separate Certificate an
Result (short): FAILED: Can not verify the CRL as its issuer's public key is unknown or can not b
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Separate Certificate an
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Basic Self-Issued Old W
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Basic Self-Issued New W
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Basic Self-Issued CRL S
Result (short): FAILED: Signature of a certificate is invalid: java.security.InvalidKeyException:
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Basic Self-Issued CRL S
Tests run: 54, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.645 sec
Running eu.emi.security.authn.x509.impl.TestFlexibleValidator
file:/home/golbi/unicore/GIT/canl-java/target/test-tmp/truststores/wrong.pem java.io.IOException:
file:/home/golbi/unicore/GIT/canl-java/target/test-tmp/truststores/wrong.pem java.io.IOException:
```



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Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 1.514 sec  
Running eu.emi.security.authn.x509.impl.V1CertValidationTest  
Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.081 sec  
Running eu.emi.security.authn.x509.impl.CertificateUtilsTest  
1024

-----COMPACT

X.509 v3 certificate  
Subject: CN=UNICORE TEST CA,O=Testing Organization,C=EU  
Issuer: CN=UNICORE TEST CA,O=Testing Organization,C=EU  
-----

X.509 v3 certificate, Subject: CN=UNICORE TEST CA,O=Testing Organization,C=EU, Issuer: CN=UNICORE

-----MEDIUM

X.509 v3 certificate  
Subject: CN=UNICORE TEST CA,O=Testing Organization,C=EU  
Issuer: CN=UNICORE TEST CA,O=Testing Organization,C=EU  
Valid from: Fri Dec 10 23:20:06 CET 2010  
Valid to: Mon Dec 09 23:20:06 CET 2013  
-----

X.509 v3 certificate, Subject: CN=UNICORE TEST CA,O=Testing Organization,C=EU, Issuer: CN=UNICORE

-----FULL

X.509 v3 certificate  
Subject: CN=UNICORE TEST CA,O=Testing Organization,C=EU  
Issuer: CN=UNICORE TEST CA,O=Testing Organization,C=EU  
Valid from: Fri Dec 10 23:20:06 CET 2010  
Valid to: Mon Dec 09 23:20:06 CET 2013  
CA: true  
Signature alg: SHA1WithRSAEncryption  
Public key type: RSA 2048bit  
Allowed usage: digitalSignature nonRepudiation keyCertSign CRLSign  
Serial number: 12104272754588088962  
Certificate chain, 3 elements:

-----Certificate 1-----

X.509 v3 certificate  
Subject: CN=UNICORE TEST CA,O=Testing Organization,C=EU  
Issuer: CN=UNICORE TEST CA,O=Testing Organization,C=EU  
Valid from: Fri Dec 10 23:20:06 CET 2010  
Valid to: Mon Dec 09 23:20:06 CET 2013

-----Certificate 2-----

X.509 v3 certificate  
Subject: CN=UNICORE TEST CA,O=Testing Organization,C=EU  
Issuer: CN=UNICORE TEST CA,O=Testing Organization,C=EU  
Valid from: Fri Dec 10 23:20:06 CET 2010  
Valid to: Mon Dec 09 23:20:06 CET 2013

-----Certificate 3-----

X.509 v3 certificate  
Subject: CN=UNICORE TEST CA,O=Testing Organization,C=EU  
Issuer: CN=UNICORE TEST CA,O=Testing Organization,C=EU  
Valid from: Fri Dec 10 23:20:06 CET 2010  
Valid to: Mon Dec 09 23:20:06 CET 2013

Tests run: 10, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.238 sec  
Running eu.emi.security.authn.x509.proxy.ProxyGenerationTest  
Running func:proxy-delegate functional test  
Running func:proxy-make functional test  
Running func:cli-srv-sha2 functional test

Tests run: 6, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 1.697 sec  
Running eu.emi.security.authn.x509.impl.TestSSLHelpers  
Running func:cli-srv functional test

Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.117 sec  
Running eu.emi.security.authn.x509.impl.NISTValidator06\_12Test

Result (short): FAILED: The selected CA certificate does not contain the mandatory Basic Constraints  
Result (full) : FAILED: The following validation errors were found:  
error at position 1 in chain, problematic certificate subject: CN=Missing basicConstraints CA,O=T

## CaNIC-partEMI2FinalRC < EMI < TWiki

```
Result (short): FAILED: The certificate is no CA certificate but used as one
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=basicConstraints Critical cA Fa
Result (short): FAILED: The certificate is no CA certificate but used as one
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=basicConstraints Not Critical c
Result (short): FAILED: Total chain length exceeds the limit
Result (full) : FAILED The following validation errors were found:
error affecting the whole chain (category: X509_CHAIN): Total chain length exceeds the limit
Result (short): FAILED: Total chain length exceeds the limit
Result (full) : FAILED The following validation errors were found:
error affecting the whole chain (category: X509_CHAIN): Total chain length exceeds the limit
Result (short): FAILED: Total chain length exceeds the limit
Result (full) : FAILED The following validation errors were found:
error affecting the whole chain (category: X509_CHAIN): Total chain length exceeds the limit
Result (short): FAILED: Total chain length exceeds the limit
Result (full) : FAILED The following validation errors were found:
error affecting the whole chain (category: X509_CHAIN): Total chain length exceeds the limit
Result (short): FAILED: Total chain length exceeds the limit
Result (full) : FAILED The following validation errors were found:
error affecting the whole chain (category: X509_CHAIN): Total chain length exceeds the limit
Result (short): FAILED: Total chain length exceeds the limit
Result (full) : FAILED The following validation errors were found:
error affecting the whole chain (category: X509_CHAIN): Total chain length exceeds the limit
Result (short): FAILED: Issuer of the certificate is not eligible to sign certificates as its cer
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=keyUsage Critical keyCertSign F
Result (short): FAILED: Issuer of the certificate is not eligible to sign certificates as its cer
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=keyUsage Not Critical keyCertSi
Result (short): FAILED: CRL checking failed: issuer certificate does not permit CRL signing.
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid keyUsage Critical cRLSi
Result (short): FAILED: CRL checking failed: issuer certificate does not permit CRL signing.
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid keyUsage Not Critical c
Tests run: 22, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.201 sec
Running eu.emi.security.authn.x509.ns.OpenSSLDirTest
```

```
-----
TEST 1
```

```
0) got result: OK
1) got result: OK
2) got result: OK
3) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
4) got result: OK
5) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
6) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
7) got result: OK
8) got result: OK
9) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
10) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
```

```
-----
TEST 2
```

```
0) got result: OK
1) got result: OK
2) got result: OK
3) got result: OK
```



## CaNIC-partEMI2FinalRC < EMI < TWiki

```
10) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
-----
TEST 6

0) got result: OK
1) got result: OK
2) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
3) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
4) got result: OK
5) got result: OK
6) got result: OK
7) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
8) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
9) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
10) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
-----
TEST 7

0) got result: OK
1) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
2) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
3) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
4) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
5) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
6) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
7) got result: OK
8) got result: OK
9) got result: OK
10) got result: OK
-----
TEST 8

0) got result: OK
1) got result: OK
2) got result: OK
3) got result: OK
4) got result: OK
5) got result: OK
6) got result: OK
7) got result: OK
8) got result: OK
9) got result: OK
10) got result: OK
-----
TEST 9

0) got result: OK
1) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
2) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
3) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
```

## CaNIC-partEMI2FinalRC < EMI < TWiki

```
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
4) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
5) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
6) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
7) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
8) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
9) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
10) got result: FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=User1,O=EMITest,C=EU (category:
Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 1.686 sec
Running eu.emi.security.authn.x509.impl.HostnameCheckerTest
[^\.]*\Q\E[^\.]*\Q.aaa.\E[^\.]*\Qdd.ss\E[^\.]*\Q.\E[^\.]*\Q.dd\E[^\.]*\Qdd\E[^\.]*\Qdd\E[^\.]*\Q.
false
Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.006 sec
Running eu.emi.security.authn.x509.ns.GlobusParserTest
Testing file UTNAAAClient.signing_policy
Testing file BG-ACAD-CA.signing_policy
Testing file CESNET.signing_policy
Testing file MaGrid.signing_policy
Testing file SWITCHgrid-Root.signing_policy
Testing file Grid-Ireland.signing_policy
Testing file HIAST.signing_policy
Testing file IGCA.signing_policy
Testing file UGRID.signing_policy
Testing file NAREGI.signing_policy
Testing file UKeScienceRoot-2007.signing_policy
Testing file GILDA-CA-2011.signing_policy
Testing file SEE-GRID.signing_policy
Testing file HellasGrid-CA-2006.signing_policy
Testing file InCommon-Server-CA.signing_policy
Testing file MREN-CA.signing_policy
Testing file ArmeSFo.signing_policy
Testing file INFN-CA-2006.signing_policy
Testing file cilogon-silver.signing_policy
Testing file SRCE.signing_policy
Testing file CNIC.signing_policy
Testing file NICS-MyProxy.signing_policy
Testing file BrGrid.signing_policy
Testing file NorduGrid.signing_policy
Testing file RDIG.signing_policy
Testing file LIPCA.signing_policy
Testing file Thawte-freemail-issuing.signing_policy
Testing file LACGridCA.signing_policy
Testing file SlovakGrid.signing_policy
Testing file AddTrust-External-CA-Root.signing_policy
Testing file Thawte-freemail-root.signing_policy
Testing file NIIF.signing_policy
Testing file CESNET-CA-3.signing_policy
Testing file SDG.signing_policy
Testing file cilogon-basic.signing_policy
Testing file HellasGrid-Root.signing_policy
Testing file CNRS2-Projets.signing_policy
Testing file BEGrid2008.signing_policy
Testing file GermanGrid.signing_policy
Testing file cilogon-openid.signing_policy
Testing file CyGrid.signing_policy
Testing file BalticGrid.signing_policy
Testing file CALG.signing_policy
Testing file QuoVadis-Root-CA1.signing_policy
Testing file AIST.signing_policy
Testing file DFN-SLCS.signing_policy
```

```

Testing file CERN-TCA.signing_policy
Testing file Globus-CA-service.signing_policy
Testing file CNRS2-Grid-FR.signing_policy
Testing file IHEP.signing_policy
Testing file NCHC.signing_policy
Testing file GTE-CyberTrust-Global-Root.signing_policy
Testing file REUNA-ca.signing_policy
Testing file TERENAeSciencePersonalCA.signing_policy
Testing file RomanianGRID.signing_policy
Testing file KEK.signing_policy
Testing file TERENA-SSL-CA.signing_policy
Testing file egee-ne-benelux-tutorial.signing_policy
Testing file SWITCHslcs.signing_policy
Testing file BYGCA.signing_policy
Testing file UKeScienceCA-2007.signing_policy
Testing file FNAL-SLCS.signing_policy
Testing file pkIRISGrid.signing_policy
Testing file AACertificateServices.signing_policy
Testing file UniandesCA.signing_policy
Testing file CNRS2.signing_policy
Testing file NCSA-mics.signing_policy
Testing file PRAGMA-UCSD.signing_policy
Testing file ULAGrid-CA-2008.signing_policy
Testing file AustrianGrid.signing_policy
Testing file TERENA-eScience-SSL-CA.signing_policy
Testing file SiGNET-CA.signing_policy
Testing file IUCC.signing_policy
Testing file SWITCH-QuoVadis-Grid-ICA.signing_policy
Testing file DOEGrids.signing_policy
Testing file ESnet.signing_policy
Testing file TACC-MICS.signing_policy
Testing file UTN-USERFirst-Hardware.signing_policy
Testing file NECTEC.signing_policy
Testing file ASGCA-2007.signing_policy
Testing file MARGI.signing_policy
Testing file UKeScienceCA-2B.signing_policy
Testing file TRGrid.signing_policy
Testing file NIKHEF.signing_policy
Testing file CERN-Root.signing_policy
Testing file UNLPGrid.signing_policy
Testing file TACC-Root.signing_policy
Testing file NERSC-SLCS.signing_policy
Testing file TACC-Classic.signing_policy
Testing file UNAMgrid-ca.signing_policy
Testing file KISTI-2007.signing_policy
Testing file PSC-Myproxy-CA.signing_policy
Testing file HKU.signing_policy
Testing file PK-Grid-2007.signing_policy
Testing file DFN-GridGermany-Root.signing_policy
Testing file ncsa-gridshib-ca.signing_policy
Testing file NCSA-slcs.signing_policy
Testing file DZeScience.signing_policy
Testing file GILDA-CA.signing_policy
Testing file TERENA-SCS.signing_policy
Testing file GridCanada.signing_policy
Testing file CESNET-CA-Root.signing_policy
Testing file APAC.signing_policy
Testing file IRAN-GRID.signing_policy
Testing file MD-Grid.signing_policy
Testing file UKeScienceCA-2A.signing_policy
Testing file PolishGrid.signing_policy
Testing file AEGIS.signing_policy
Testing file src/test/resources/namespaces/correct.signing_policy
Got an expected error for file src/test/resources/namespaces/incorrect1.signing_policy: Syntax pr
Got an expected error for file src/test/resources/namespaces/incorrect2.signing_policy: Syntax pr
Got an expected error for file src/test/resources/namespaces/incorrect3.signing_policy: Syntax pr
Got an expected error for file src/test/resources/namespaces/incorrect4.signing_policy: Syntax pr

```

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```
Got an expected error for file src/test/resources/namespaces/incorrect5.signing_policy: Syntax pr
CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
CN=UTN-USERFirst-Client Authentication and Email,OU=http://www.usertrust.com,O=The USERTRUST Netw
CN=UTN-USERFirst-Client Authentication and Email,OU=http://www.usertrust.com,O=The USERTRUST Netw
*,E=email@ee.net,C=??
CN=Company\, Inc.,C=US
CN=Company\, Inc.,C=US
Tests run: 6, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.043 sec
Running eu.emi.security.authn.x509.ErrorTest
Tests run: 3, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.003 sec
Running eu.emi.security.authn.x509.impl.TestKSValidators
L1: error affecting the whole chain (category: X509_CHAIN): No trusted CA certificate was found f
L1: error at position 0 in chain, problematic certificate subject: CN=trusted client,OU=Relaxatio
L1: error affecting the whole chain (category: X509_CHAIN): No trusted CA certificate was found f
L2: error affecting the whole chain (category: X509_CHAIN): No trusted CA certificate was found f
L1: error at position 0 in chain, problematic certificate subject: CN=trusted client,OU=Relaxatio
L2: error at position 0 in chain, problematic certificate subject: CN=trusted client,OU=Relaxatio
L2: error affecting the whole chain (category: X509_CHAIN): No trusted CA certificate was found f
L2: error at position 0 in chain, problematic certificate subject: CN=trusted client,OU=Relaxatio
Unknown location (certificate retrieved from keystore) java.lang.Exception: Trusted CA certificat
target/test-tmp/truststores/work.jks null
Unknown location (certificate retrieved from keystore) java.lang.Exception: Trusted CA certificat
target/test-tmp/truststores/work.jks null
target/test-tmp/truststores/work.jks java.io.FileNotFoundException: target/test-tmp/truststores/w
target/test-tmp/truststores/work.jks java.io.FileNotFoundException: target/test-tmp/truststores/w
FAILED The following validation errors were found:
error affecting the whole chain (category: X509_CHAIN): No trusted CA certificate was found for t
error at position 0 in chain, problematic certificate subject: CN=HTTPClient,O=Testing Organizati
Tests run: 9, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 1.54 sec
Running eu.emi.security.authn.x509.impl.CRLIfValidTest
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:01 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Revoked EE Certificate
Result (short): FAILED: Signature of a CRL corresponding to this certificate's CA is invalid Caus
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Bad CRL Signature EE Ce
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:00 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 1 in chain, problematic certificate subject: CN=Revoked subCA,O=Test Certificat
Result (short): FAILED: Certificate was revoked at: Fri Jan 01 09:30:01 CET 2010, the reason repo
Result (full) : FAILED The following validation errors were found:
error at position 0 in chain, problematic certificate subject: CN=Invalid Revoked EE Certificate
Tests run: 7, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.036 sec
```

Results :

Tests run: 240, Failures: 0, Errors: 0, Skipped: 0

```
[INFO] -----
[INFO] BUILD SUCCESSFUL
[INFO] -----
[INFO] Total time: 25 seconds
[INFO] Finished at: Mon Apr 23 12:46:41 CEST 2012
[INFO] Final Memory: 32M/247M
[INFO] -----
```

## C Part

### Clean installation, Debian 6 (unknown)

## Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

| OS Issue | Debian GNU/Linux 6.0 | |

Platform	unknown
Host	skirit75-2.ics.muni.cz
Duration	3 min
Testbed uptime	23:11:36 up 11 min, 0 users, load average: 0.26, 0.28, 0.15

```
cat > /etc/apt/sources.list.d/emi-2-rc.list <<EOF deb
http://emisoft.web.cern.ch/emisoft/dist/EMI/2/RC/debian/ stable main third-party deb-src
http://emisoft.web.cern.ch/emisoft/dist/EMI/2/RC/debian/ stable main third-party EOF cat >
/etc/apt/sources.list.d/sci.list <<EOF deb http://scientific.zcu.cz/repos/EMI2-RCfinal/debian/ stable/ deb-src
http://scientific.zcu.cz/repos/EMI2-RCfinal/debian/ stable/ EOF echo bad content for now: wget
--no-check-certificate -O /etc/apt/sources.list.d/emi-2-rc-deb6.list
https://twiki.cern.ch/twiki/pub/EMI/EMI-2/emi-2-rc-deb6.list aptitude update
```

```
aptitude install -y --allow-untrusted libcanl-c-examples
```

### Full Output of the Installation

```
bad content for now: wget --no-check-certificate -O /etc/apt/sources.list.d/emi-2-rc-deb6.list ht
Hit http://ftp.cz.debian.org squeeze Release.gpg
Ign http://ftp.cz.debian.org/debian/ squeeze/main Translation-en
Hit http://ftp.cz.debian.org squeeze-updates Release.gpg
Ign http://ftp.cz.debian.org/debian/ squeeze-updates/main Translation-en
Hit http://ftp.cz.debian.org wheezy Release.gpg
Ign http://ftp.cz.debian.org/debian/ wheezy/main Translation-en
Hit http://ftp.cz.debian.org squeeze Release
Hit http://ftp.cz.debian.org squeeze-updates Release
Hit http://ftp.cz.debian.org wheezy Release
Hit http://security.debian.org squeeze/updates Release.gpg
Ign http://security.debian.org/ squeeze/updates/main Translation-en
Hit http://security.debian.org wheezy/updates Release.gpg
Ign http://security.debian.org/ wheezy/updates/main Translation-en
Ign http://emisoft.web.cern.ch stable Release.gpg
Ign http://scientific.zcu.cz stable/ Release.gpg
Ign http://scientific.zcu.cz/repos/EMI2-RCfinal/debian/ stable/ Translation-en
Hit http://security.debian.org squeeze/updates Release
Hit http://security.debian.org wheezy/updates Release
Get:1 http://scientific.zcu.cz stable/ Release [1501 B]
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/2/RC/debian/ stable/main Translation-en
Get:2 http://scientific.zcu.cz stable/ Sources [10.6 kB]
Hit http://ftp.cz.debian.org squeeze/main Sources
Ign http://emisoft.web.cern.ch/emisoft/dist/EMI/2/RC/debian/ stable/third-party Translation-en
Ign http://emisoft.web.cern.ch stable Release
Hit http://ftp.cz.debian.org squeeze/main amd64 Packages
Hit http://ftp.cz.debian.org squeeze-updates/main Sources/DiffIndex
Hit http://ftp.cz.debian.org squeeze-updates/main amd64 Packages/DiffIndex
Get:3 http://scientific.zcu.cz stable/ Packages [12.9 kB]
Hit http://ftp.cz.debian.org squeeze-updates/main amd64 Packages
Hit http://ftp.cz.debian.org wheezy/main Sources/DiffIndex
Err http://emisoft.web.cern.ch stable/main Sources
404 Not Found
Hit http://ftp.cz.debian.org wheezy/main amd64 Packages/DiffIndex
Hit http://security.debian.org squeeze/updates/main Sources
Err http://emisoft.web.cern.ch stable/third-party Sources
404 Not Found
Get:4 http://emisoft.web.cern.ch stable/main amd64 Packages [20 B]
Get:5 http://emisoft.web.cern.ch stable/third-party amd64 Packages [3931 B]
```



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```
Hit http://security.debian.org squeeze/updates/main amd64 Packages
Hit http://security.debian.org wheezy/updates/main Sources
Hit http://security.debian.org wheezy/updates/main amd64 Packages
Hit http://repository.egi.eu egi-igtfr Release.gpg
Ign http://repository.egi.eu/sw/production/cas/1/current/ egi-igtfr/core Translation-en
Hit http://repository.egi.eu egi-igtfr Release
Hit http://repository.egi.eu egi-igtfr/core amd64 Packages
Fetched 29.0 kB in 3s (8184 B/s)
Reading package lists...
Reading package lists...
Building dependency tree...
Reading state information...
Reading extended state information...
Initializing package states...
Writing extended state information...
Reading task descriptions...
The following NEW packages will be installed:
  libc-ares2{a} libcanl-c-examples libcanl-cl{a}
0 packages upgraded, 3 newly installed, 0 to remove and 103 not upgraded.
Need to get 122 kB of archives. After unpacking 414 kB will be used.
WARNING: untrusted versions of the following packages will be installed!
```

Untrusted packages could compromise your system's security.  
You should only proceed with the installation if you are certain that  
this is what you want to do.

```
libcanl-cl libcanl-c-examples
```

```
*** WARNING *** Ignoring these trust violations because
                  aptitude::CmdLine::Ignore-Trust-Violations is 'true'!
```

```
Writing extended state information...
Get:1 http://scientific.zcu.cz/repos/EMI2-RCfinal/debian/ stable/ libcanl-cl 1.0.4-1 [57.5 kB]
Get:2 http://ftp.cz.debian.org/debian/ squeeze/main libc-ares2 amd64 1.7.3-1squeeze1 [52.8 kB]
Get:3 http://scientific.zcu.cz/repos/EMI2-RCfinal/debian/ stable/ libcanl-c-examples 1.0.4-1 [11.
Fetched 122 kB in 0s (1781 kB/s)
Selecting previously deselected package libc-ares2.
(Reading database ...
(Reading database ... 5%
(Reading database ... 10%
(Reading database ... 15%
(Reading database ... 20%
(Reading database ... 25%
(Reading database ... 30%
(Reading database ... 35%
(Reading database ... 40%
(Reading database ... 45%
(Reading database ... 50%
(Reading database ... 55%
(Reading database ... 60%
(Reading database ... 65%
(Reading database ... 70%
(Reading database ... 75%
(Reading database ... 80%
(Reading database ... 85%
(Reading database ... 90%
(Reading database ... 95%
(Reading database ... 100%
(Reading database ... 30040 files and directories currently installed.)
Unpacking libc-ares2 (from .../libc-ares2_1.7.3-1squeeze1_amd64.deb) ...
Selecting previously deselected package libcanl-cl.
Unpacking libcanl-cl (from .../libcanl-cl_1.0.4-1_amd64.deb) ...
Selecting previously deselected package libcanl-c-examples.
Unpacking libcanl-c-examples (from .../libcanl-c-examples_1.0.4-1_amd64.deb) ...
Setting up libc-ares2 (1.7.3-1squeeze1) ...
Setting up libcanl-cl (1.0.4-1) ...
Setting up libcanl-c-examples (1.0.4-1) ...
Reading package lists...
```

```

Building dependency tree...
Reading state information...
Reading extended state information...
Initializing package states...
Writing extended state information...
Reading task descriptions...

```

## Tests

TestPlan	N/A
Tests	<a href="http://jralmw.cvs.cern.ch/cgi-bin/jralmw.cgi/org.glite.testsuites.ctb/CANL-C/tests/">http://jralmw.cvs.cern.ch/cgi-bin/jralmw.cgi/org.glite.testsuites.ctb/CANL-C/tests/</a>

```

Certificate file: none
gLite user:      glite
Terminal width:  80
Output format:   -x
Reading package lists...
Building dependency tree...
Reading state information...
wget is already the newest version.
cvs is already the newest version.

```

The following extra packages will be installed:

```

autopoint build-essential bzip2 ca-certificates diffstat dpkg-dev file g++
g++-4.4 gettext git intltool-debian libalgorithm-diff-perl
libalgorithm-diff-xs-perl libalgorithm-merge-perl libapt-pkg-perl
libclass-accessor-perl libcroco3 libcurl3-gnutls libdpkg-perl liberror-perl
libfont-afm-perl libglib2.0-0 libglib2.0-data libglobus-callout0
libglobus-common0 libglobus-gsi-callback0 libglobus-gsi-cert-utils0
libglobus-gsi-credential1 libglobus-gsi-openssl-error0
libglobus-gsi-proxy-core0 libglobus-gsi-proxy-ssl1 libglobus-gsi-sysconfig1
libglobus-gss-assist3 libglobus-gssapi-gsi4 libglobus-libtool
libglobus-openssl libglobus-openssl-module0 libhtml-format-perl
libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl
libhtml-tree-perl libidn11 libio-pty-perl libio-string-perl libipc-run-perl
libltdl7 libmagic1 libmailtools-perl libparse-debianchangelog-perl libpcre3
libstdc++6-4.4-dev libsub-name-perl libtimedate-perl libunistring0
liburi-perl libvomsapi0 libwww-perl libxml-namespacesupport-perl
libxml-parser-perl libxml-sax-expat-perl libxml-sax-perl libxml-simple-perl
libxml2 rsync sgml-base shared-mime-info xml-core

```

Suggested packages:

```

bzip2-doc debian-keyring g++-multilib g++-4.4-multilib gcc-4.4-doc
libstdc++6-4.4-dbg gettext-doc git-doc git-arch git-cvs git-svn git-email
git-daemon-run git-gui gitk gitweb libdata-dump-perl libipc-sharedcache-perl
libstdc++6-4.4-doc libcrypt-ssleay-perl libio-socket-ssl-perl
binutils-multiarch libtext-template-perl sgml-base-doc debhelper

```

The following NEW packages will be installed:

```

autopoint build-essential bzip2 ca-certificates diffstat dpkg-dev file g++
g++-4.4 gettext git globus-proxy-utils intltool-debian
libalgorithm-diff-perl libalgorithm-diff-xs-perl libalgorithm-merge-perl
libapt-pkg-perl libclass-accessor-perl libcroco3 libcurl3-gnutls
libdpkg-perl liberror-perl libfont-afm-perl libglib2.0-0 libglib2.0-data
libglobus-callout0 libglobus-common0 libglobus-gsi-callback0
libglobus-gsi-cert-utils0 libglobus-gsi-credential1
libglobus-gsi-openssl-error0 libglobus-gsi-proxy-core0
libglobus-gsi-proxy-ssl1 libglobus-gsi-sysconfig1 libglobus-gss-assist3
libglobus-gssapi-gsi4 libglobus-libtool libglobus-openssl
libglobus-openssl-module0 libhtml-format-perl libhtml-parser-perl
libhtml-tagset-perl libhtml-template-perl libhtml-tree-perl libidn11
libio-pty-perl libio-string-perl libipc-run-perl libltdl7 libmagic1
libmailtools-perl libparse-debianchangelog-perl libpcre3 libstdc++6-4.4-dev
libsub-name-perl libtimedate-perl libunistring0 liburi-perl libvomsapi0
libwww-perl libxml-namespacesupport-perl libxml-parser-perl
libxml-sax-expat-perl libxml-sax-perl libxml-simple-perl libxml2 lintian
lsync rsync sgml-base shared-mime-info voms-clients xml-core

```

0 upgraded, 73 newly installed, 0 to remove and 103 not upgraded.

## CaNIC-partEMI2FinalRC < EMI < TWiki

Need to get 7075 kB/26.7 MB of archives.

After this operation, 77.6 MB of additional disk space will be used.

```
Get:1 http://ftp.cz.debian.org/debian/ squeeze/main lsof amd64 4.81.dfsg.1-1 [282 kB]
Get:2 http://security.debian.org/ squeeze/updates/main libmagic1 amd64 5.04-5+squeezel [235 kB]
Get:3 http://ftp.cz.debian.org/debian/ squeeze/main libdpkg-perl all 1.15.8.12 [694 kB]
Get:4 http://ftp.cz.debian.org/debian/ squeeze/main bzip2 amd64 1.0.5-6+squeezel [50.5 kB]
Get:5 http://ftp.cz.debian.org/debian/ squeeze/main dpkg-dev all 1.15.8.12 [812 kB]
Get:6 http://ftp.cz.debian.org/debian/ squeeze/main diffstat amd64 1.53-1 [28.5 kB]
Get:7 http://ftp.cz.debian.org/debian/ squeeze/main libltdl7 amd64 2.2.6b-2 [296 kB]
Get:8 http://security.debian.org/ squeeze/updates/main file amd64 5.04-5+squeezel [49.9 kB]
Get:9 http://security.debian.org/ squeeze/updates/main libcurl3-gnutls amd64 7.21.0-2.1+squeezel [874
Get:10 http://security.debian.org/ squeeze/updates/main libxml2 amd64 2.7.8.dfsg-2+squeezel [2586 B]
Get:11 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-libtool amd64 1.2-6 [105 kB]
Get:12 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-common0 amd64 11.5-2 [9264 B]
Get:13 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-callout0 amd64 0.7-6 [2650 B]
Get:14 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-openssl amd64 5.1-1 [2650 B]
Get:15 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-openssl-error0 amd64 0.14-6 [8
Get:16 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-proxy-ssl1 amd64 2.3-1 [11.0 k
Get:17 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-openssl-module0 amd64 1.3-1 [6488
Get:18 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-cert-utils0 amd64 6.6-1 [11.2
Get:19 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-sysconfig1 amd64 3.1-2 [20.9 k
Get:20 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-callback0 amd64 2.7-1 [32.2 kB]
Get:21 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-credential1 amd64 3.5-1 [26.3
Get:22 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gsi-proxy-core0 amd64 4.5-1 [26.9
Get:23 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gssapi-gsi4 amd64 7.5-2 [48.7 kB]
Get:24 http://ftp.cz.debian.org/debian/ squeeze/main libglobus-gss-assist3 amd64 5.9-1 [23.6 kB]
Get:25 http://ftp.cz.debian.org/debian/ squeeze/main globus-proxy-utils amd64 3.9-1 [37.7 kB]
Get:26 http://ftp.cz.debian.org/debian/ squeeze/main libapt-pkg-perl amd64 0.1.24+b1 [91.5 kB]
Get:27 http://ftp.cz.debian.org/debian/ squeeze/main libsub-name-perl amd64 0.04-1 [10.4 kB]
Get:28 http://ftp.cz.debian.org/debian/ squeeze/main libclass-accessor-perl all 0.34-1 [25.9 kB]
Get:29 http://ftp.cz.debian.org/debian/ squeeze/main libfont-afm-perl all 1.20-1 [14.4 kB]
Get:30 http://ftp.cz.debian.org/debian/ squeeze/main liburi-perl all 1.54-2 [98.5 kB]
Get:31 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-tagset-perl all 3.20-2 [13.5 kB]
Get:32 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-parser-perl amd64 3.66-1 [115 kB]
Get:33 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-tree-perl all 3.23-2 [209 kB]
Get:34 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-format-perl all 2.04-2 [39.5 kB]
Get:35 http://ftp.cz.debian.org/debian/ squeeze/main libhtml-template-perl all 2.9-2 [65.9 kB]
Get:36 http://ftp.cz.debian.org/debian/ squeeze/main libio-pty-perl amd64 1:1.08-1 [42.5 kB]
Get:37 http://ftp.cz.debian.org/debian/ squeeze/main libio-string-perl all 1.08-2 [12.0 kB]
Get:38 http://ftp.cz.debian.org/debian/ squeeze/main libipc-run-perl all 0.89-1 [109 kB]
Get:39 http://ftp.cz.debian.org/debian/ squeeze/main libmailtools-perl all 2.06-1 [97.4 kB]
Get:40 http://ftp.cz.debian.org/debian/ squeeze/main libparse-debianchangelog-perl all 1.1.1-2.1
Get:41 http://ftp.cz.debian.org/debian/ squeeze/main libvomsapi0 amd64 1.9.17.1-1 [433 kB]
Get:42 http://ftp.cz.debian.org/debian/ squeeze/main libwww-perl all 5.836-1 [401 kB]
Get:43 http://ftp.cz.debian.org/debian/ squeeze/main libxml-namespacesupport-perl all 1.09-3 [15.
Get:44 http://ftp.cz.debian.org/debian/ squeeze/main libxml-parser-perl amd64 2.36-1.1+b1 [297 kB]
Get:45 http://ftp.cz.debian.org/debian/ squeeze/main libxml-sax-perl all 0.96+dfsg-2 [86.0 kB]
Get:46 http://ftp.cz.debian.org/debian/ squeeze/main libxml-sax-expat-perl all 0.40-1 [12.5 kB]
Get:47 http://ftp.cz.debian.org/debian/ squeeze/main libxml-simple-perl all 2.18-3 [72.8 kB]
Get:48 http://ftp.cz.debian.org/debian/ squeeze/main lintian all 2.4.3+squeezel [546 kB]
Get:49 http://ftp.cz.debian.org/debian/ squeeze/main voms-clients amd64 1.9.17.1-1 [245 kB]
```

Preconfiguring packages ...

Fetched 7075 kB in 0s (10.9 MB/s)

Selecting previously deselected package libmagic1.

(Reading database ...

(Reading database ... 5%

(Reading database ... 10%

(Reading database ... 15%

(Reading database ... 20%

(Reading database ... 25%

(Reading database ... 30%

(Reading database ... 35%

(Reading database ... 40%

(Reading database ... 45%

(Reading database ... 50%

(Reading database ... 55%

(Reading database ... 60%

## CaNIC-partEMI2FinalRC < EMI < TWiki

```
(Reading database ... 65%
(Reading database ... 70%
(Reading database ... 75%
(Reading database ... 80%
(Reading database ... 85%
(Reading database ... 90%
(Reading database ... 95%
(Reading database ... 100%
(Reading database ... 30058 files and directories currently installed.)
Unpacking libmagic1 (from ../libmagic1_5.04-5+squeeze1_amd64.deb) ...
Selecting previously deselected package file.
Unpacking file (from ../file_5.04-5+squeeze1_amd64.deb) ...
Selecting previously deselected package libidn11.
Unpacking libidn11 (from ../libidn11_1.15-2_amd64.deb) ...
Selecting previously deselected package libpcre3.
Unpacking libpcre3 (from ../libpcre3_8.02-1.1_amd64.deb) ...
Selecting previously deselected package lsof.
Unpacking lsof (from ../lsof_4.81.dfsg.1-1_amd64.deb) ...
Selecting previously deselected package ca-certificates.
Unpacking ca-certificates (from ../ca-certificates_20090814+nmu3squeeze1_all.deb) ...
Selecting previously deselected package libcurl3-gnutls.
Unpacking libcurl3-gnutls (from ../libcurl3-gnutls_7.21.0-2.1+squeeze2_amd64.deb) ...
Selecting previously deselected package liberror-perl.
Unpacking liberror-perl (from ../liberror-perl_0.17-1_all.deb) ...
Selecting previously deselected package git.
Unpacking git (from ../git_1%3a1.7.2.5-3_amd64.deb) ...
Selecting previously deselected package autopoint.
Unpacking autopoint (from ../autopoint_0.18.1.1-3_all.deb) ...
Selecting previously deselected package libstdc++6-4.4-dev.
Unpacking libstdc++6-4.4-dev (from ../libstdc++6-4.4-dev_4.4.5-8_amd64.deb) ...
Selecting previously deselected package g++-4.4.
Unpacking g++-4.4 (from ../g++-4.4_4.4.5-8_amd64.deb) ...
Selecting previously deselected package g++.
Unpacking g++ (from ../g++_4%3a4.4.5-1_amd64.deb) ...
Selecting previously deselected package libtimedate-perl.
Unpacking libtimedate-perl (from ../libtimedate-perl_1.2000-1_all.deb) ...
Selecting previously deselected package libdpkg-perl.
Unpacking libdpkg-perl (from ../libdpkg-perl_1.15.8.12_all.deb) ...
Selecting previously deselected package bzip2.
Unpacking bzip2 (from ../bzip2_1.0.5-6+squeeze1_amd64.deb) ...
Selecting previously deselected package dpkg-dev.
Unpacking dpkg-dev (from ../dpkg-dev_1.15.8.12_all.deb) ...
Selecting previously deselected package build-essential.
Unpacking build-essential (from ../build-essential_11.5_amd64.deb) ...
Selecting previously deselected package diffstat.
Unpacking diffstat (from ../diffstat_1.53-1_amd64.deb) ...
Selecting previously deselected package libglib2.0-0.
Unpacking libglib2.0-0 (from ../libglib2.0-0_2.24.2-1_amd64.deb) ...
Selecting previously deselected package libxml2.
Unpacking libxml2 (from ../libxml2_2.7.8.dfsg-2+squeeze3_amd64.deb) ...
Selecting previously deselected package libcroco3.
Unpacking libcroco3 (from ../libcroco3_0.6.2-1_amd64.deb) ...
Selecting previously deselected package libunistring0.
Unpacking libunistring0 (from ../libunistring0_0.9.3-3_amd64.deb) ...
Selecting previously deselected package gettext.
Unpacking gettext (from ../gettext_0.18.1.1-3_amd64.deb) ...
Selecting previously deselected package libltdl7.
Unpacking libltdl7 (from ../libltdl7_2.2.6b-2_amd64.deb) ...
Selecting previously deselected package libglobus-libtool.
Unpacking libglobus-libtool (from ../libglobus-libtool_1.2-6_amd64.deb) ...
Selecting previously deselected package libglobus-common0.
Unpacking libglobus-common0 (from ../libglobus-common0_11.5-2_amd64.deb) ...
Selecting previously deselected package libglobus-callout0.
Unpacking libglobus-callout0 (from ../libglobus-callout0_0.7-6_amd64.deb) ...
Selecting previously deselected package libglobus-openssl.
Unpacking libglobus-openssl (from ../libglobus-openssl_5.1-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-openssl-error0.
```

## CaNIC-partEMI2FinalRC < EMI < TWiki

```
Unpacking libglobus-gsi-openssl-error0 (from ../libglobus-gsi-openssl-error0_0.14-6_amd64.deb) .
Selecting previously deselected package libglobus-gsi-proxy-ssl1.
Unpacking libglobus-gsi-proxy-ssl1 (from ../libglobus-gsi-proxy-ssl1_2.3-1_amd64.deb) ...
Selecting previously deselected package libglobus-openssl-module0.
Unpacking libglobus-openssl-module0 (from ../libglobus-openssl-module0_1.3-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-cert-utils0.
Unpacking libglobus-gsi-cert-utils0 (from ../libglobus-gsi-cert-utils0_6.6-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-sysconfig1.
Unpacking libglobus-gsi-sysconfig1 (from ../libglobus-gsi-sysconfig1_3.1-2_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-callback0.
Unpacking libglobus-gsi-callback0 (from ../libglobus-gsi-callback0_2.7-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-credential1.
Unpacking libglobus-gsi-credential1 (from ../libglobus-gsi-credential1_3.5-1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-proxy-core0.
Unpacking libglobus-gsi-proxy-core0 (from ../libglobus-gsi-proxy-core0_4.5-1_amd64.deb) ...
Selecting previously deselected package libglobus-gssapi-gsi4.
Unpacking libglobus-gssapi-gsi4 (from ../libglobus-gssapi-gsi4_7.5-2_amd64.deb) ...
Selecting previously deselected package libglobus-gss-assist3.
Unpacking libglobus-gss-assist3 (from ../libglobus-gss-assist3_5.9-1_amd64.deb) ...
Selecting previously deselected package globus-proxy-utils.
Unpacking globus-proxy-utils (from ../globus-proxy-utils_3.9-1_amd64.deb) ...
Selecting previously deselected package intltool-debian.
Unpacking intltool-debian (from ../intltool-debian_0.35.0+20060710.1_all.deb) ...
Selecting previously deselected package libalgorithm-diff-perl.
Unpacking libalgorithm-diff-perl (from ../libalgorithm-diff-perl_1.19.02-2_all.deb) ...
Selecting previously deselected package libalgorithm-diff-xs-perl.
Unpacking libalgorithm-diff-xs-perl (from ../libalgorithm-diff-xs-perl_0.04-1_amd64.deb) ...
Selecting previously deselected package libalgorithm-merge-perl.
Unpacking libalgorithm-merge-perl (from ../libalgorithm-merge-perl_0.08-2_all.deb) ...
Selecting previously deselected package libapt-pkg-perl.
Unpacking libapt-pkg-perl (from ../libapt-pkg-perl_0.1.24+b1_amd64.deb) ...
Selecting previously deselected package libsub-name-perl.
Unpacking libsub-name-perl (from ../libsub-name-perl_0.04-1_amd64.deb) ...
Selecting previously deselected package libclass-accessor-perl.
Unpacking libclass-accessor-perl (from ../libclass-accessor-perl_0.34-1_all.deb) ...
Selecting previously deselected package libfont-afm-perl.
Unpacking libfont-afm-perl (from ../libfont-afm-perl_1.20-1_all.deb) ...
Selecting previously deselected package libglib2.0-data.
Unpacking libglib2.0-data (from ../libglib2.0-data_2.24.2-1_all.deb) ...
Selecting previously deselected package liburi-perl.
Unpacking liburi-perl (from ../liburi-perl_1.54-2_all.deb) ...
Selecting previously deselected package libhtml-tagset-perl.
Unpacking libhtml-tagset-perl (from ../libhtml-tagset-perl_3.20-2_all.deb) ...
Selecting previously deselected package libhtml-parser-perl.
Unpacking libhtml-parser-perl (from ../libhtml-parser-perl_3.66-1_amd64.deb) ...
Selecting previously deselected package libhtml-tree-perl.
Unpacking libhtml-tree-perl (from ../libhtml-tree-perl_3.23-2_all.deb) ...
Selecting previously deselected package libhtml-format-perl.
Unpacking libhtml-format-perl (from ../libhtml-format-perl_2.04-2_all.deb) ...
Selecting previously deselected package libhtml-template-perl.
Unpacking libhtml-template-perl (from ../libhtml-template-perl_2.9-2_all.deb) ...
Selecting previously deselected package libio-pty-perl.
Unpacking libio-pty-perl (from ../libio-pty-perl_1%3a1.08-1_amd64.deb) ...
Selecting previously deselected package libio-string-perl.
Unpacking libio-string-perl (from ../libio-string-perl_1.08-2_all.deb) ...
Selecting previously deselected package libipc-run-perl.
Unpacking libipc-run-perl (from ../libipc-run-perl_0.89-1_all.deb) ...
Selecting previously deselected package libmailtools-perl.
Unpacking libmailtools-perl (from ../libmailtools-perl_2.06-1_all.deb) ...
Selecting previously deselected package libparse-debianchangelog-perl.
Unpacking libparse-debianchangelog-perl (from ../libparse-debianchangelog-perl_1.1.1-2.1_all.deb)
Selecting previously deselected package libvomsapi0.
Unpacking libvomsapi0 (from ../libvomsapi0_1.9.17.1-1_amd64.deb) ...
Selecting previously deselected package libwww-perl.
Unpacking libwww-perl (from ../libwww-perl_5.836-1_all.deb) ...
Selecting previously deselected package libxml-namespacesupport-perl.
Unpacking libxml-namespacesupport-perl (from ../libxml-namespacesupport-perl_1.09-3_all.deb) ...
```

## CaNIC-partEMI2FinalRC < EMI < TWiki

```
Selecting previously deselected package libxml-parser-perl.
Unpacking libxml-parser-perl (from ../libxml-parser-perl_2.36-1.1+b1_amd64.deb) ...
Selecting previously deselected package libxml-sax-perl.
Unpacking libxml-sax-perl (from ../libxml-sax-perl_0.96+dfsg-2_all.deb) ...
Selecting previously deselected package libxml-sax-expat-perl.
Unpacking libxml-sax-expat-perl (from ../libxml-sax-expat-perl_0.40-1_all.deb) ...
Selecting previously deselected package libxml-simple-perl.
Unpacking libxml-simple-perl (from ../libxml-simple-perl_2.18-3_all.deb) ...
Selecting previously deselected package lintian.
Unpacking lintian (from ../lintian_2.4.3+squeeze1_all.deb) ...
Selecting previously deselected package rsync.
Unpacking rsync (from ../rsync_3.0.7-2_amd64.deb) ...
Selecting previously deselected package sgml-base.
Unpacking sgml-base (from ../sgml-base_1.26+nmul_all.deb) ...
Selecting previously deselected package shared-mime-info.
Unpacking shared-mime-info (from ../shared-mime-info_0.71-4_amd64.deb) ...
Selecting previously deselected package voms-clients.
Unpacking voms-clients (from ../voms-clients_1.9.17.1-1_amd64.deb) ...
Selecting previously deselected package xml-core.
Unpacking xml-core (from ../archives/xml-core_0.13_all.deb) ...
Processing triggers for man-db ...
Processing triggers for install-info ...
Setting up libmagic1 (5.04-5+squeeze1) ...
Setting up file (5.04-5+squeeze1) ...
Setting up libidn11 (1.15-2) ...
Setting up libpcre3 (8.02-1.1) ...
Setting up lsof (4.81.dfsg.1-1) ...
Setting up ca-certificates (20090814+nmu3squeeze1) ...
Updating certificates in /etc/ssl/certs... WARNING: Skipping duplicate certificate brasil.gov.br.
140 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d....done.
Setting up libcurl3-gnutls (7.21.0-2.1+squeeze2) ...
Setting up liberror-perl (0.17-1) ...
Setting up git (1:1.7.2.5-3) ...
Setting up autopoint (0.18.1.1-3) ...
Setting up libtimedate-perl (1.2000-1) ...
Setting up libdpkg-perl (1.15.8.12) ...
Setting up bzip2 (1.0.5-6+squeeze1) ...
Setting up dpkg-dev (1.15.8.12) ...
Setting up diffstat (1.53-1) ...
Setting up libglib2.0-0 (2.24.2-1) ...
Setting up libxml2 (2.7.8.dfsg-2+squeeze3) ...
Setting up libcroco3 (0.6.2-1) ...
Setting up libunistring0 (0.9.3-3) ...
Setting up gettext (0.18.1.1-3) ...
Setting up libltdl7 (2.2.6b-2) ...
Setting up libglobus-libtool (1.2-6) ...
Setting up libglobus-common0 (11.5-2) ...
Setting up libglobus-callout0 (0.7-6) ...
Setting up libglobus-openssl (5.1-1) ...
Setting up libglobus-gsi-openssl-error0 (0.14-6) ...
Setting up libglobus-gsi-proxy-ssl1 (2.3-1) ...
Setting up libglobus-openssl-module0 (1.3-1) ...
Setting up libglobus-gsi-cert-utils0 (6.6-1) ...
Setting up libglobus-gsi-sysconfig1 (3.1-2) ...
Setting up libglobus-gsi-callback0 (2.7-1) ...
Setting up libglobus-gsi-credential1 (3.5-1) ...
Setting up libglobus-gsi-proxy-core0 (4.5-1) ...
Setting up libglobus-gssapi-gsi4 (7.5-2) ...
Setting up libglobus-gss-assist3 (5.9-1) ...
Setting up globus-proxy-utils (3.9-1) ...
Setting up intltool-debian (0.35.0+20060710.1) ...
Setting up libalgorithm-diff-perl (1.19.02-2) ...
Setting up libalgorithm-diff-xs-perl (0.04-1) ...
Setting up libalgorithm-merge-perl (0.08-2) ...
Setting up libapt-pkg-perl (0.1.24+b1) ...
Setting up libsub-name-perl (0.04-1) ...
```

## CaNIC-partEMI2FinalRC < EMI < TWiki

```
Setting up libclass-accessor-perl (0.34-1) ...
Setting up libfont-afm-perl (1.20-1) ...
Setting up libglib2.0-data (2.24.2-1) ...
Setting up liburi-perl (1.54-2) ...
Setting up libhtml-tagset-perl (3.20-2) ...
Setting up libhtml-parser-perl (3.66-1) ...
Setting up libhtml-tree-perl (3.23-2) ...
Setting up libhtml-format-perl (2.04-2) ...
Setting up libhtml-template-perl (2.9-2) ...
Setting up libio-pty-perl (1:1.08-1) ...
Setting up libio-string-perl (1.08-2) ...
Setting up libipc-run-perl (0.89-1) ...
Setting up libmailtools-perl (2.06-1) ...
Setting up libparse-debianchangelog-perl (1.1.1-2.1) ...
Setting up libvomsapi0 (1.9.17.1-1) ...
Setting up libwww-perl (5.836-1) ...
Setting up libxml-namespacesupport-perl (1.09-3) ...
Setting up libxml-parser-perl (2.36-1.1+b1) ...
Setting up libxml-sax-perl (0.96+dfsg-2) ...
update-perl-sax-parsers: Registering Perl SAX parser XML::SAX::PurePerl with priority 10...
update-perl-sax-parsers: Updating overall Perl SAX parser modules info file...

Creating config file /etc/perl/XML/SAX/ParserDetails.ini with new version
Setting up libxml-sax-expat-perl (0.40-1) ...
update-perl-sax-parsers: Registering Perl SAX parser XML::SAX::Expat with priority 50...
update-perl-sax-parsers: Updating overall Perl SAX parser modules info file...
Replacing config file /etc/perl/XML/SAX/ParserDetails.ini with new version
Setting up libxml-simple-perl (2.18-3) ...
Setting up lintian (2.4.3+squeezel) ...
Generating en_US.UTF-8 locale for internal Lintian use....
Setting up rsync (3.0.7-2) ...
Setting up sgml-base (1.26+nmul) ...
Setting up shared-mime-info (0.71-4) ...
Setting up voms-clients (1.9.17.1-1) ...
Setting up xml-core (0.13) ...
Setting up libstdc++6-4.4-dev (4.4.5-8) ...
Setting up g++-4.4 (4.4.5-8) ...
Setting up g++ (4:4.4.5-1) ...
update-alternatives: using /usr/bin/g++ to provide /usr/bin/c++ (c++) in auto mode.
Setting up build-essential (11.5) ...
`/tmp/test-certs.root/grid-security/certificates/2537774a.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2537774a.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2537774a.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2537774a.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/4f537285.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/4f537285.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/4f537285.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/4f537285.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/5a762d74.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/5a762d74.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/5a762d74.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/5a762d74.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/674ee20e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/674ee20e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/674ee20e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/674ee20e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/6adfad54.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/6adfad54.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/6adfad54.r0' -> `/etc/grid-security/certificates
```

```

`/tmp/test-certs.root/grid-security/certificates/6adfad54.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.signing_policy' -> `/etc/grid-security/
U org.glite.testsuites.ctb/CANL-C/tests/Makefile
U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh
=====
REAL TESTS START HERE
=====

```

**Apr 26 23:11:12 skirit75-2.ics.muni.cz canl-test-cert-handle.sh: start**

Testing if binary of canl\_proxy\_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

**Apr 26 23:11:12 skirit75-2.ics.muni.cz canl-test-cert-handle.sh: end**

**Apr 26 23:11:12 skirit75-2.ics.muni.cz canl-test-cs-openssl.sh: start**

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Starting openssl server **done**

CANL client: connecting to openssl server This is the testing message to send **done**

Starting canl sample server **done**

Openssl client: connect to CANL sample server This is a testing message to send **done**

**Apr 26 23:11:23 skirit75-2.ics.muni.cz canl-test-cs-openssl.sh: end**

**Apr 26 23:11:23 skirit75-2.ics.muni.cz canl-test-sec-connection.sh: start**

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Testing server with nonexisting host certificates **done**

Testing server with nonexisting host key **done**

Testing server with nonexisting host cert and key **done**

Testing client: connect to server not running **done**

Testing client: use nonexisting proxy certificate **done**

Starting canl sample server **done**

CANL client: connect to CANL sample server [CLIENT] connection established [CLIENT] Trying to send sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT] received: This is a testing message to send server: waiting for connections... [SERVER] connection established with (null) [SERVER] Trying to send sth to the client [SERVER] message "This is a testing message to send" sent successfully [SERVER] received: This is the testing message to se **done**

**Apr 26 23:11:24 skirit75-2.ics.muni.cz canl-test-sec-connection.sh: end**

```

=====
TESTS END HERE
=====

```



## Clean installation, Scientific 5 (i386)

### Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Scientific Linux release 5.8 (Boron)
Platform	i386
Host	skirit78-2.ics.muni.cz
Duration	0 min
Testbed uptime	00:49:20 up 8 min, 0 users, load average: 0.96, 1.06, 0.59

```
wget -q --no-check-certificate -O /etc/yum.repos.d/emi-2-rc-sl5.repo
https://twiki.cern.ch/twiki/pub/EMI/EMI-2/emi-2-rc-sl5.repo yum install -y yum-priorities yum-protectbase
```

```
yum install -y --nogpgcheck canl-c canl-c-examples
```

### Full Output of the Installation

```
Loaded plugins: downloadonly, kernel-module
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package yum-priorities.noarch 0:1.1.16-21.e15 set to be updated
---> Package yum-protectbase.noarch 0:1.1.16-21.e15 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin

Dependencies Resolved

=====
Package                Arch             Version           Repository        Size
=====
Installing:
yum-priorities         noarch           1.1.16-21.e15    core              16 k
yum-protectbase       noarch           1.1.16-21.e15    core              14 k

Transaction Summary
=====
Install      2 Package(s)
Upgrade     0 Package(s)

Total download size: 29 k
Downloading Packages:
-----
Total                266 kB/s | 29 kB    00:00
Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction

  Installing      : yum-protectbase                               1/2
  Installing      : yum-priorities                             2/2

Installed:
  yum-priorities.noarch 0:1.1.16-21.e15  yum-protectbase.noarch 0:1.1.16-21.e15

Complete!
```

## CaNIC-partEMI2FinalRC < EMI < TWiki

```
Loaded plugins: downloadonly, kernel-module, priorities, protectbase
3041 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package canl-c.i386 0:1.0.4-1.el5 set to be updated
--> Processing Dependency: libcares.so.2 for package: canl-c
---> Package canl-c-examples.i386 0:1.0.4-1.el5 set to be updated
--> Running transaction check
---> Package c-ares.i386 0:1.6.0-5.el5 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin
```

Dependencies Resolved

```
=====
Package                Arch      Version      Repository      Size
=====
Installing:
canl-c                  i386      1.0.4-1.el5   EMI-2-RC-base   49 k
canl-c-examples        i386      1.0.4-1.el5   EMI-2-RC-base   11 k
Installing for dependencies:
c-ares                  i386      1.6.0-5.el5   sl-base          49 k
=====
```

Transaction Summary

```
=====
Install      3 Package(s)
Upgrade     0 Package(s)
=====
```

Total download size: 110 k  
Downloading Packages:

```
-----
Total                               88 kB/s | 110 kB      00:01
Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction
```

```
Installing      : c-ares                               1/3
Installing      : canl-c                               2/3
Installing      : canl-c-examples                     3/3
```

```
Installed:
  canl-c.i386 0:1.0.4-1.el5          canl-c-examples.i386 0:1.0.4-1.el5
```

```
Dependency Installed:
  c-ares.i386 0:1.6.0-5.el5
```

Complete!

### Tests

TestPlan	N/A
Tests	<a href="http://jra1mw.cvs.cern.ch/cgi-bin/jra1mw.cgi/org.glite.testsuites.ctb/CANL-C/tests/">http://jra1mw.cvs.cern.ch/cgi-bin/jra1mw.cgi/org.glite.testsuites.ctb/CANL-C/tests/</a>

```
Certificate file: none
gLite user:      glite
Terminal width:  80
Output format:   -x
Package wget-1.11.4-3.el5_8.1.i386 already installed and latest version
```

## CaNIC-partEMI2FinalRC < EMI < TWiki

```
Package lsof-4.78-6.i386 already installed and latest version
Package cvs-1.11.22-11.el5_8.1.i386 already installed and latest version
~/tmp/test-certs.root/grid-security/certificates/2537774a.0' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/2537774a.namespaces' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/2537774a.r0' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/2537774a.signing_policy' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/2d0b98c8.0' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/2d0b98c8.namespaces' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/2d0b98c8.r0' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/2d0b98c8.signing_policy' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/2ed6e90e.0' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/2ed6e90e.namespaces' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/2ed6e90e.r0' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/2ed6e90e.signing_policy' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/4f537285.0' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/4f537285.namespaces' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/4f537285.r0' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/4f537285.signing_policy' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/5a762d74.0' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/5a762d74.namespaces' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/5a762d74.r0' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/5a762d74.signing_policy' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/674ee20e.0' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/674ee20e.namespaces' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/674ee20e.r0' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/674ee20e.signing_policy' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/6adfad54.0' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/6adfad54.namespaces' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/6adfad54.r0' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/6adfad54.signing_policy' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/84d6f82e.0' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/84d6f82e.namespaces' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/84d6f82e.r0' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/84d6f82e.signing_policy' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.0' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.namespaces' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.r0' -> /etc/grid-security/certificates/
~/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.signing_policy' -> /etc/grid-security/certificates/
U org.glite.testsuites.ctb/CANL-C/tests/Makefile
U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh
=====
REAL TESTS START HERE
=====
```

**Apr 27 00:48:59 skirit78-2.ics.muni.cz canl-test-cert-handle.sh: start**

Testing if binary of canl\_proxy\_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

**Apr 27 00:48:59 skirit78-2.ics.muni.cz canl-test-cert-handle.sh: end**

**Apr 27 00:48:59 skirit78-2.ics.muni.cz canl-test-cs-openssl.sh: start**

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Starting openssl server **done**

CANL client: connecting to openssl server This is the testing message to send **done**

```

Starting canl sample server done
Openssl client: connect to CANL sample server This is a testing message to send done
Apr 27 00:49:09 skirit78-2.ics.muni.cz canl-test-cs-openssl.sh: end
Apr 27 00:49:09 skirit78-2.ics.muni.cz canl-test-sec-connection.sh: start
Testing if binaries of canl examples are available done
Testing if all binaries are available done
Testing credentials done
Testing server with nonexisting host certificates done
Testing server with nonexisting host key done
Testing server with nonexisting host cert and key done
Testing client: connect to server not running done
Testing client: use nonexisting proxy certificate done
Starting canl sample server done
CANL client: connect to CANL sample server [CLIENT] connection established [CLIENT] Trying to send
sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT]
received: This is a testing message to send server: waiting for connections... [SERVER] connection
established with (null) [SERVER] Trying to send sth to the client [SERVER] message "This is a testing
message to send" sent successfully [SERVER] received: This is the testing message to se done
Apr 27 00:49:10 skirit78-2.ics.muni.cz canl-test-sec-connection.sh: end

```

```

=====
TESTS END HERE
=====

```

## Clean installation, Scientific 5 (x86\_64)

### Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Scientific Linux release 5.8 (Boron)
Platform	x86_64
Host	skirit75-2.ics.muni.cz
Duration	0 min
Testbed uptime	08:21:07 up 5 min, 0 users, load average: 0.96, 0.79, 0.35

```

wget -q --no-check-certificate -O /etc/yum.repos.d/emi-2-rc-sl5.repo
https://twiki.cern.ch/twiki/pub/EMI/EMI-2/emi-2-rc-sl5.repo yum install -y yum-priorities yum-protectbase

```

```

yum install -y --nogpgcheck canl-c canl-c-examples

```

### Full Output of the Installation

```

Loaded plugins: downloadonly, kernel-module
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package yum-priorities.noarch 0:1.1.16-21.el5 set to be updated
---> Package yum-protectbase.noarch 0:1.1.16-21.el5 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin

```

```

Dependencies Resolved

```

```

=====
Package                Arch                Version              Repository           Size

```

Clean installation, Scientific 5 (x86\_64)

## CaNIC-partEMI2FinalRC < EMI < TWiki

```

=====
Installing:
 yum-priorities          noarch          1.1.16-21.e15          core          16 k
 yum-protectbase        noarch          1.1.16-21.e15          core          14 k

Transaction Summary
=====
Install          2 Package(s)
Upgrade          0 Package(s)

Total download size: 29 k
Downloading Packages:
-----
Total                267 kB/s | 29 kB      00:00
Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction

   Installing      : yum-protectbase                      1/2

   Installing      : yum-priorities                      2/2

Installed:
 yum-priorities.noarch 0:1.1.16-21.e15  yum-protectbase.noarch 0:1.1.16-21.e15

Complete!
Loaded plugins: downloadonly, kernel-module, priorities, protectbase
4026 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package canl-c.x86_64 0:1.0.4-1.e15 set to be updated
--> Processing Dependency: libcares.so.2()(64bit) for package: canl-c
---> Package canl-c-examples.x86_64 0:1.0.4-1.e15 set to be updated
--> Running transaction check
---> Package c-ares.x86_64 0:1.6.0-5.e15 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin

Dependencies Resolved

=====
Package            Arch            Version          Repository        Size
=====
Installing:
 canl-c             x86_64          1.0.4-1.e15     EMI-2-RC-base    55 k
 canl-c-examples   x86_64          1.0.4-1.e15     EMI-2-RC-base    12 k
Installing for dependencies:
 c-ares            x86_64          1.6.0-5.e15     sl-base           49 k

Transaction Summary
=====
Install          3 Package(s)
Upgrade          0 Package(s)

Total download size: 116 k
Downloading Packages:
-----
Total                299 kB/s | 116 kB     00:00
Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded

```

Running Transaction

```

Installing      : c-ares                               1/3
Installing      : canl-c                               2/3
Installing      : canl-c-examples                      3/3
    
```

Installed:

```

canl-c.x86_64 0:1.0.4-1.e15      canl-c-examples.x86_64 0:1.0.4-1.e15
    
```

Dependency Installed:

```

c-ares.x86_64 0:1.6.0-5.e15
    
```

Complete!

**Tests**

TestPlan	N/A
Tests	<a href="http://jra1mw.cvs.cern.ch/cgi-bin/jra1mw.cgi/org.glite.testsuites.ctb/CANL-C/tests/">http://jra1mw.cvs.cern.ch/cgi-bin/jra1mw.cgi/org.glite.testsuites.ctb/CANL-C/tests/</a>

```

Certificate file: none
gLite user:      glite
Terminal width:  80
Output format:   -x
Package wget-1.11.4-3.e15_8.1.x86_64 already installed and latest version
Package lsof-4.78-6.x86_64 already installed and latest version
Package cvs-1.11.22-11.e15_8.1.x86_64 already installed and latest version
`/tmp/test-certs.root/grid-security/certificates/2537774a.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2537774a.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2537774a.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2537774a.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2d0b98c8.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/2ed6e90e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/4f537285.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/4f537285.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/4f537285.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/4f537285.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/5a762d74.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/5a762d74.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/5a762d74.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/5a762d74.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/674ee20e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/674ee20e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/674ee20e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/674ee20e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/6adfad54.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/6adfad54.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/6adfad54.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/6adfad54.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/84d6f82e.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/eb7d4f6b.signing_policy' -> `/etc/grid-security/
U org.glite.testsuites.ctb/CANL-C/tests/Makefile
    
```

```

U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh

```

```

=====
REAL TESTS START HERE
=====

```

**Apr 30 08:20:47 skirit75-2.ics.muni.cz canl-test-cert-handle.sh: start**

Testing if binary of canl\_proxy\_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

**Apr 30 08:20:47 skirit75-2.ics.muni.cz canl-test-cert-handle.sh: end**

**Apr 30 08:20:47 skirit75-2.ics.muni.cz canl-test-cs-openssl.sh: start**

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Starting openssl server **done**

CANL client: connecting to openssl server This is the testing message to send **done**

Starting canl sample server **done**

Openssl client: connect to CANL sample server This is a testing message to send **done**

**Apr 30 08:20:57 skirit75-2.ics.muni.cz canl-test-cs-openssl.sh: end**

**Apr 30 08:20:57 skirit75-2.ics.muni.cz canl-test-sec-connection.sh: start**

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Testing server with nonexisting host certificates **done**

Testing server with nonexisting host key **done**

Testing server with nonexisting host cert and key **done**

Testing client: connect to server not running **done**

Testing client: use nonexisting proxy certificate **done**

Starting canl sample server **done**

CANL client: connect to CANL sample server [CLIENT] connection established [CLIENT] Trying to send

sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT]

received: This is a testing message to send server: waiting for connections... [SERVER] connection

established with (null) [SERVER] Trying to send sth to the client [SERVER] message "This is a testing

message to send" sent successfully [SERVER] received: This is the testing message to se **done**

**Apr 30 08:20:57 skirit75-2.ics.muni.cz canl-test-sec-connection.sh: end**

```

=====
TESTS END HERE
=====

```

## Clean installation, Scientific 6 (x86\_64)

### Environment

Clean installation according to EMI guidelines (CA certificates, proxy certificate...).

OS Issue	Scientific Linux release 6.2 (Carbon)
----------	---------------------------------------

Platform	x86_64
Host	skirit76-2.ics.muni.cz
Duration	0 min
Testbed uptime	08:31:55 up 12 min, 0 users, load average: 0.46, 0.32, 0.23

```
wget -q --no-check-certificate -O /etc/yum.repos.d/emi-2-rc-sl6.repo
https://twiki.cern.ch/twiki/pub/EMI/EMI-2/emi-2-rc-sl6.repo yum install -y yum-priorities yum-protectbase
```

```
yum install -y --nogpgcheck canl-c canl-c-examples
```

### Full Output of the Installation

```
Loaded plugins: security
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package yum-plugin-priorities.noarch 0:1.1.30-10.el6 will be installed
---> Package yum-plugin-protectbase.noarch 0:1.1.30-10.el6 will be installed
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
Package                Arch      Version      Repository  Size
=====
Installing:
yum-plugin-priorities  noarch   1.1.30-10.el6  core        21 k
yum-plugin-protectbase noarch   1.1.30-10.el6  core        19 k
=====
```

Transaction Summary

```
=====
Install      2 Package(s)
```

```
Total download size: 39 k
Installed size: 50 k
Downloading Packages:
```

```
-----
Total                               343 kB/s | 39 kB      00:00
```

```
Running rpm_check_debug
Running Transaction Test
Transaction Test Succeeded
Running Transaction
```

```
Installing : yum-plugin-priorities-1.1.30-10.el6.noarch      1/2
```

```
Installing : yum-plugin-protectbase-1.1.30-10.el6.noarch    2/2
```

Installed:

```
yum-plugin-priorities.noarch 0:1.1.30-10.el6
yum-plugin-protectbase.noarch 0:1.1.30-10.el6
```

Complete!

```
Loaded plugins: priorities, protectbase, security
116 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package canl-c.x86_64 0:1.0.4-1.el6 will be installed
--> Processing Dependency: libcares.so.2()(64bit) for package: canl-c-1.0.4-1.el6.x86_64
---> Package canl-c-examples.x86_64 0:1.0.4-1.el6 will be installed
--> Running transaction check
---> Package c-ares.x86_64 0:1.7.0-5.el6 will be installed
--> Finished Dependency Resolution
```



## CaNIC-partEMI2FinalRC < EMI < TWiki

Dependencies Resolved

```
=====
Package                Arch          Version      Repository    Size
=====
Installing:
canl-c                  x86_64       1.0.4-1.el6  EMI-2-RC-base 47 k
canl-c-examples        x86_64       1.0.4-1.el6  EMI-2-RC-base 10 k
Installing for dependencies:
c-ares                  x86_64       1.7.0-5.el6  core           52 k
=====
```

Transaction Summary

```
=====
Install                3 Package(s)
=====
```

Total download size: 109 k

Installed size: 303 k

Downloading Packages:

```
-----
Total                                389 kB/s | 109 kB    00:00
```

Running rpm\_check\_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

```
Installing : c-ares-1.7.0-5.el6.x86_64                                1/3
```

```
Installing : canl-c-1.0.4-1.el6.x86_64                                2/3
```

```
Installing : canl-c-examples-1.0.4-1.el6.x86_64                       3/3
```

Installed:

```
canl-c.x86_64 0:1.0.4-1.el6          canl-c-examples.x86_64 0:1.0.4-1.el6
```

Dependency Installed:

```
c-ares.x86_64 0:1.7.0-5.el6
```

Complete!

## Tests

TestPlan	N/A
Tests	<a href="http://jra1mw.cvs.cern.ch/cgi-bin/jra1mw.cgi/org.glite.testsuites.ctb/CANL-C/tests/">http://jra1mw.cvs.cern.ch/cgi-bin/jra1mw.cgi/org.glite.testsuites.ctb/CANL-C/tests/</a>

Certificate file: none

gLite user: glite

Terminal width: 80

Output format: -x

Package wget-1.12-1.4.el6.x86\_64 already installed and latest version

Package cvs-1.11.23-11.el6\_2.1.x86\_64 already installed and latest version

```
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/0e2ca11d.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/0fbe317b.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/36395d3c.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/36395d3c.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/36395d3c.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/36395d3c.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/41a90451.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/41a90451.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/41a90451.r0' -> `/etc/grid-security/certificates
```

```

`/tmp/test-certs.root/grid-security/certificates/41a90451.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/7362bbd6.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/79356fdd.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/79356fdd.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/79356fdd.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/79356fdd.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/9a529ab0.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/cld9b6d3.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/cld9b6d3.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/cld9b6d3.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/cld9b6d3.signing_policy' -> `/etc/grid-security/
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.0' -> `/etc/grid-security/certificates/
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.namespaces' -> `/etc/grid-security/cert
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.r0' -> `/etc/grid-security/certificates
`/tmp/test-certs.root/grid-security/certificates/ffb9710f.signing_policy' -> `/etc/grid-security/
U org.glite.testsuites.ctb/CANL-C/tests/Makefile
U org.glite.testsuites.ctb/CANL-C/tests/canl-autonomous-test.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common-testbeds.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-common.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-generate-fake-proxy.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cert-handle.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-cs-openssl.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sec-connection.sh
U org.glite.testsuites.ctb/CANL-C/tests/canl-test-sha2.sh
U org.glite.testsuites.ctb/CANL-C/tests/test-common.sh
=====
REAL TESTS START HERE
=====

```

**Apr 30 08:31:33 skirit76-2.ics.muni.cz canl-test-cert-handle.sh: start**

Testing if binary of canl\_proxy\_init is available **done**

Testing if all binaries are available **done**

Generating new proxy certificate **done**

Simulating cert. delegation **done**

**Apr 30 08:31:33 skirit76-2.ics.muni.cz canl-test-cert-handle.sh: end**

**Apr 30 08:31:33 skirit76-2.ics.muni.cz canl-test-cs-openssl.sh: start**

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Starting openssl server **done**

CANL client: connecting to openssl server This is the testing message to send **done**

Starting canl sample server **done**

Openssl client: connect to CANL sample server This is a testing message to send **done**

**Apr 30 08:31:45 skirit76-2.ics.muni.cz canl-test-cs-openssl.sh: end**

**Apr 30 08:31:45 skirit76-2.ics.muni.cz canl-test-sec-connection.sh: start**

Testing if binaries of canl examples are available **done**

Testing if all binaries are available **done**

Testing credentials **done**

Testing server with nonexistent host certificates **done**

Testing server with nonexistent host key **done**

Testing server with nonexistent host cert and key **done**

Testing client: connect to server not running **done**

Testing client: use nonexistent proxy certificate **done**

Starting canl sample server **done**

CANL client: connect to CANL sample server [CLIENT] connection established [CLIENT] Trying to send

```
sth to the server [CLIENT] message "This is the testing message to send" sent successfully [CLIENT]
received: This is a testing message to send server: waiting for connections... [SERVER] connection
established with (null) [SERVER] Trying to send sth to the client [SERVER] message "This is a testing
message to send" sent successfully [SERVER] received: This is the testing message to se  done
Apr 30 08:31:46 skirit76-2.ics.muni.cz canl-test-sec-connection.sh:  end
```

```
=====
TESTS END HERE
=====
```

## Unit Tests

There are unit tests for caNI. They are integrated into the build process and any unit test failure causes the build to fail. However, the build infrastructure (ETICS) does not provide any way of collecting comprehensive unit test results. Thus, unit test results are scattered over the build reports of individual components. See build reports for unit test output.

## Resolution of Linked Bugs (Regression Tests)

N/A: This is a new release.

-- ZdenekSustr - 30-Apr-2012

---

This topic: EMI > CaNIC-partEMI2FinalRC  
Topic revision: r2 - 2012-04-30 - ZdenekSustr



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