

PseudonymityCertificationReportTask24867SL5 < EMI < TWiki

EMI Test Report Template

- Product: Pseudonymity
- Release Task: 24867
- ETICS Subsystem Configuration Name: emi-pseudonymity_R_1_1_0_0
- VCS Tag: tags/1_1_0-0
- EMI Major Release: EMI-2
- Platforms: SL5/x86_64
- Author: Henri Mikkonen
- Date: 27-April-2012
- Test Report Template : v. 3.2

Summary

1. Deployment tests:
 - 1.1. Clean Installation - PASS
 - 1.2. Upgrade Installation - NA
2. Static Code Analysis - NA
3. Unit Tests Execution - YES
4. System tests:
 - 4.1. Functionality tests - PASS
 - 4.2. Regression tests - NA
 - 4.3. Standard Conformance tests - NA
 - 4.4. Performance tests - NA
 - 4.5. Scalability tests - NA
 - 4.6. Integration tests - NA

REMARKS: No upgrade installation as this is the first EMI version.

***** Detailed Testing Report *****

1. Deployment log

1.1. Clean Installation

- YUM/APT Testing Repo file contents:

```
[root@hip-paha-virt7 yum.repos.d]# cat emi-2-rc-sl5.repo
[core]
name=name=SL 5 base
baseurl=http://linuxsoft.cern.ch/scientific/5x/$basearch/SL
    http://ftp.scientificlinux.org/linux/scientific/5x/$basearch/SL
    http://ftp1.scientificlinux.org/linux/scientific/5x/$basearch/SL
    http://ftp2.scientificlinux.org/linux/scientific/5x/$basearch/SL
protect=0
gpgcheck=0

[extras]
name=epel
baseurl=http://mirror.uv.es/mirror/fedora-epel/5/$basearch
    http://ftp.fi.muni.cz/pub/linux/fedora/epel/5/$basearch
    http://mirror.switch.ch/ftp/mirror/epel/5/$basearch
    http://mirror.de.leaseweb.net/epel/5/$basearch
    http://ftp.rediris.es/mirror/fedora-epel/5/$basearch
```

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```
protect=0
pggcheck=0
```

```
[EGI-trustanchors]
name=EGI-trustanchors
baseurl=http://repository.egi.eu/sw/production/cas/1/current/
pggkey=http://repository.egi.eu/sw/production/cas/1/GPG-KEY-EUGridPMA-RPM-3
pggcheck=1
enabled=1
```

```
[EMI-2-RC-base]
name=EMI 2 RC Base Repository
baseurl=http://emisoft.web.cern.ch/emisoft/dist/EMI/2/RC/sl5/$basearch/base
pggkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/2/RPM-GPG-KEY-emi
priority=45
protect=1
enabled=1
pggcheck=0
```

```
[EMI-2-RC-third-party]
name=EMI 2 RC Third-Party Repository
baseurl=http://emisoft.web.cern.ch/emisoft/dist/EMI/2/RC/sl5/$basearch/third-party
pggkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/2/RPM-GPG-KEY-emi
protect=1
enabled=1
priority=45
pggcheck=0
```

```
[Oracle]
name=Oracle Repository (not for distribution)
baseurl=http://eticsoft.web.cern.ch/eticsoft/repository/externals/oracle-instantclient/10.2.0.4
protect=1
enabled=1
priority=45
```

- YUM/APT Install command: yum install pseudonymity-server pseudonymity-ui

- YUM/APT log:

Loaded plugins: kernel-module

EGI-trustanchors

EMI-2-RC-base

EMI-2-RC-base/primary_db

EMI-2-RC-third-party

EMI-2-RC-third-party/primary_db

Oracle

Not using downloaded repomd.xml because it is older than what we have:

Current : Sat Oct 8 23:00:31 2011

Downloaded: Sun May 8 10:58:36 2011

core

core/primary_db

extras

extras/primary_db

sl-base

sl-base/primary

sl-base

sl-security

sl-security/primary_db

Setting up Install Process

Resolving Dependencies

--> Running transaction check

---> Package pseudonymity-server.noarch 0:1.1.0-0.sl5 set to be updated

--> Processing Dependency: emi-trustmanager for package: pseudonymity-server

--> Processing Dependency: bouncycastle for package: pseudonymity-server

--> Processing Dependency: pseudonymity-common for package: pseudonymity-server

--> Processing Dependency: emi-trustmanager-axis for package: pseudonymity-server

--> Processing Dependency: emi-trustmanager-tomcat for package: pseudonymity-server

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```

--> Package pseudonymity-ui.noarch 0:1.1.0-0.s15 set to be updated
--> Running transaction check
--> Package bouncycastle.x86_64 0:1.45-6.el5 set to be updated
--> Processing Dependency: java >= 1:1.6 for package: bouncycastle
--> Package emi-trustmanager.noarch 0:3.1.3-1.s15 set to be updated
--> Package emi-trustmanager-axis.noarch 0:2.0.2-1.s15 set to be updated
--> Processing Dependency: axis for package: emi-trustmanager-axis
--> Package emi-trustmanager-tomcat.noarch 0:3.0.1-1.s15 set to be updated
--> Processing Dependency: log4j for package: emi-trustmanager-tomcat
--> Package pseudonymity-common.noarch 0:1.1.0-0.s15 set to be updated
--> Running transaction check
--> Package axis.x86_64 0:1.2.1-2jpp.6 set to be updated
--> Processing Dependency: jakarta-commons-discovery for package: axis
--> Processing Dependency: javamail for package: axis
--> Processing Dependency: jakarta-commons-logging for package: axis
--> Processing Dependency: jaf for package: axis
--> Processing Dependency: jakarta-commons-httpclient for package: axis
--> Processing Dependency: wsdl4j for package: axis
--> Package java-1.6.0-openjdk.x86_64 1:1.6.0.0-1.25.1.10.6.el5_8 set to be updated
--> Processing Dependency: tzdata-java for package: java-1.6.0-openjdk
--> Package log4j.x86_64 0:1.2.13-3jpp.2 set to be updated
--> Processing Dependency: xml-commons-apis for package: log4j
--> Running transaction check
--> Package classpathx-jaf.x86_64 0:1.0-9jpp.1 set to be updated
--> Package classpathx-mail.x86_64 0:1.1.1-4jpp.2 set to be updated
--> Package jakarta-commons-discovery.x86_64 1:0.3-4jpp.1 set to be updated
--> Package jakarta-commons-httpclient.x86_64 1:3.0-7jpp.1 set to be updated
--> Package jakarta-commons-logging.x86_64 0:1.0.4-6jpp.1 set to be updated
--> Package jdk.x86_64 2000:1.6.0_31-fcs set to be updated
--> Package tzdata-java.x86_64 0:2012b-3.el5 set to be updated
--> Package wsdl4j.x86_64 0:1.5.2-4jpp.1 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin

```

Dependencies Resolved

Package	Arch	Version
Installing:		
pseudonymity-server	noarch	1.1.0-
pseudonymity-ui	noarch	1.1.0-
Installing for dependencies:		
axis	x86_64	1.2.1-
bouncycastle	x86_64	1.45-6
classpathx-jaf	x86_64	1.0-9j
classpathx-mail	x86_64	1.1.1-
emi-trustmanager	noarch	3.1.3-
emi-trustmanager-axis	noarch	2.0.2-
emi-trustmanager-tomcat	noarch	3.0.1-
jakarta-commons-discovery	x86_64	1:0.3-
jakarta-commons-httpclient	x86_64	1:3.0-
jakarta-commons-logging	x86_64	1.0.4-
java-1.6.0-openjdk	x86_64	1:1.6.
jdk	x86_64	2000:1
log4j	x86_64	1.2.13
pseudonymity-common	noarch	1.1.0-
tzdata-java	x86_64	2012b-
wsdl4j	x86_64	1.5.2-

Transaction Summary

```

=====
Install      18 Package(s)
Upgrade      0 Package(s)

```

Total download size: 139 M

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Is this ok [y/N]: y

Downloading Packages:

```
(1/18): emi-trustmanager-axis-2.0.2-1.s15.noarch.rpm
(2/18): emi-trustmanager-tomcat-3.0.1-1.s15.noarch.rpm
(3/18): classpathx-jaf-1.0-9jpp.1.x86_64.rpm
(4/18): jakarta-commons-logging-1.0.4-6jpp.1.x86_64.rpm
(5/18): jakarta-commons-discovery-0.3-4jpp.1.x86_64.rpm
(6/18): tzdata-java-2012b-3.e15.x86_64.rpm
(7/18): emi-trustmanager-3.1.3-1.s15.noarch.rpm
(8/18): wsdl4j-1.5.2-4jpp.1.x86_64.rpm
(9/18): jakarta-commons-httpclient-3.0-7jpp.1.x86_64.rpm
(10/18): log4j-1.2.13-3jpp.2.x86_64.rpm
(11/18): classpathx-mail-1.1.1-4jpp.2.x86_64.rpm
(12/18): pseudonymity-common-1.1.0-0.s15.noarch.rpm
(13/18): pseudonymity-ui-1.1.0-0.s15.noarch.rpm
(14/18): axis-1.2.1-2jpp.6.x86_64.rpm
(15/18): bouncycastle-1.45-6.e15.x86_64.rpm
(16/18): pseudonymity-server-1.1.0-0.s15.noarch.rpm
(17/18): java-1.6.0-openjdk-1.6.0.0-1.25.1.10.6.e15_8.x86_64.rpm
(18/18): jdk-1.6.0_31-fcs.x86_64.rpm
```

Total

Running rpm_check_debug

Running Transaction Test

Finished Transaction Test

Transaction Test Succeeded

Running Transaction

```
Installing      : jakarta-commons-logging
Installing      : jdk
```

Unpacking JAR files...

```
rt.jar...
jsse.jar...
charsets.jar...
tools.jar...
localedata.jar...
plugin.jar...
javaws.jar...
deploy.jar...
```

```
Installing      : log4j
Installing      : classpathx-jaf
Installing      : jakarta-commons-discovery
Installing      : jakarta-commons-httpclient
Installing      : tzdata-java
Installing      : java-1.6.0-openjdk
Installing      : emi-trustmanager
Installing      : bouncycastle
Installing      : wsdl4j
Installing      : classpathx-mail
Installing      : pseudonymity-common
Installing      : axis
Installing      : emi-trustmanager-axis
Installing      : emi-trustmanager-tomcat
Installing      : pseudonymity-ui
Installing      : pseudonymity-server
```

Installed:

```
pseudonymity-server.noarch 0:1.1.0-0.s15
```

Dependency Installed:

```
axis.x86_64 0:1.2.1-2jpp.6          bouncycastle.x86_64 0:1.45-6.e15          cl
emi-trustmanager.noarch 0:3.1.3-1.s15    emi-trustmanager-axis.noarch 0:2.0.2-1.s15    em
jakarta-commons-httpclient.x86_64 1:3.0-7jpp.1    jakarta-commons-logging.x86_64 0:1.0.4-6jpp.1    ja
log4j.x86_64 0:1.2.13-3jpp.2        pseudonymity-common.noarch 0:1.1.0-0.s15    tz
```

Complete!

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- Configuration log: Followed the details at: <https://twiki.cern.ch/twiki/bin/view/EMI/Pseudonymity>

1.2. Upgrade Installation

- YUM/APT Production Repo file contents: NA (See remarks)
- YUM/APT Install command: NA (See remarks)
- YUM/APT Testing Repo file contents: NA (See remarks)
- YUM/APT Upgrade command: NA (See remarks)
- YUM/APT log: NA (See remarks)
- Configuration log: NA (See remarks)

2. Static Code Analysis

- URL where static code analysis results can be accessed NA

3. Unit Tests

- URL pointing to the results of the Unit Tests.

<http://etics-repository.cern.ch:8080/repository/reports/id/a71a1c15-7fd4-4c73-ab6a-b4214f308426/s>

<http://etics-repository.cern.ch:8080/repository/reports/id/a71a1c15-7fd4-4c73-ab6a-b4214f308426/s>

- Code Coverage %, if available. NA

4. System tests

- URL where the tests/testsuite can be accessed:

<https://twiki.cern.ch/twiki/bin/view/EMI/PseudonymityTestPlan>

- URL where the test results can be accessed:

see Summary / 4.1 below

OR

please, use the template below to include the test results in this document:

----- System Test Summary -----

For each Basic Functionality test, please include the following summary:

- * Description of the test: see 4.1
- * Result: PASSED/FAILED: see 4.1

For each Regression test, please include the following summary:

- * Description of the test: NA
- * Test Unique ID/RfC unique ID: NA
- * Result: PASSED/FAILED: NA

For each of Performance and Scalability tests, please include the following summary:

- * Description of the test: NA
- * Description of the specific context: NA
- * Result: PASSED/FAILED: NA

For each Standards Compliance/Conformance test, please include the following summary:

- * Description of the test: NA
- * Adopted Standard: NA
- * Result: PASSED/FAILED: NA

For each Integration test, please include the following summary:

- * Description of involved components and testbed setup: NA
- * Description of the test: NA
- * Description of the specific context: NA
- * Result: PASSED/FAILED: NA

4.1. Basic Functionality tests

For each test:

COPY & PASTE TEST OUTPUT.

Test-Server-Config-1:

(The configuration is invalid, because the host certificate filename is wrong:

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```
[root@hip-paha-virt7 ~]# /etc/init.d/pseudonymity-service start
...
09:42:55.726 [main] ERROR o.g.p.s.s.PseudonymityService - Error initializing trustmanager connect
java.security.cert.CertificateException: Error while reading certificates or CRLs: /etc/grid-secu
    at org.glite.security.trustmanager.UpdatingKeyManager.loadKeystore(UpdatingKeyManager.jav
    at org.glite.security.trustmanager.UpdatingKeyManager.<init>(UpdatingKeyManager.java:178)
    at org.glite.security.trustmanager.ContextWrapper.initKeyManagers(ContextWrapper.java:490)
    at org.glite.security.trustmanager.ContextWrapper.init(ContextWrapper.java:412) ~[trustma
    at org.glite.security.trustmanager.ContextWrapper.<init>(ContextWrapper.java:263) ~[trust
    at org.glite.pseudo.server.standalone.PseudonymityService.configureTMConnector(Pseudonymi
    at org.glite.pseudo.server.standalone.PseudonymityService.configureServer(PseudonymitySer
    at org.glite.pseudo.server.standalone.PseudonymityService.<init>(PseudonymityService.java
    at org.glite.pseudo.server.standalone.PseudonymityService.main(PseudonymityService.java:3
...
[root@hip-paha-virt7 ~]# /etc/init.d/pseudonymity-service status
Pseudonymity Service not running!
[root@hip-paha-virt7 ~]#
```

PASSED

Test-Server-Config-2:

```
[root@hip-paha-virt7 ~]# /etc/init.d/pseudonymity-service start

[root@hip-paha-virt7 ~]# /etc/init.d/pseudonymity-service status
Pseudonymity Service running!
[root@hip-paha-virt7 ~]#
```

PASSED

Test-Func-1:

```
[root@hip-paha-virt7 ~]# pseudo-cert-request --url https://hip-paha-virt7.cern.ch:8443/pseudo/Log
pseudo-cert-request: org.glite.pseudo.ui.PseudoInit - Copyright (c) 2011. Members of the EMI Coll

ServiceUrl: https://hip-paha-virt7.cern.ch:8443/pseudo/Login
New Key Password:
Retype:
Proxy Filename: /tmp/x509up_u1000
Connecting to the pseudonymity service ... ok
Generating a public/private keypair (1024 bit) ... ok
Submitting the certificate request ... ok

Pseudo certificate (/root/.globus/pseudocert.pem) expires on 'Sun Apr 27 09:44:01 CEST 2014'.

[root@hip-paha-virt7 ~]#
```

PASSED

Test-Func-2:

```
[root@hip-paha-virt7 ~]# openssl x509 -in /root/.globus/pseudocert.pem -subject -noout
subject= /CN=bb081b91d248465e/OU=Tech/O=HIP/DC=pseudotest/C=FI
[root@hip-paha-virt7 ~]#
```

PASSED

Test-Func-3:

Output is in the Web browser.

For the user "CN=Henri Johannes Mikkonen, CN=610244, CN=mikkonen, OU=Users, OU=Organic Units, DC=

PASSED

Test-Func-4:

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Output is in the Web browser.

For the admin "CN=Henri Johannes Mikkonen, CN=610244, CN=mikkonen, OU=Users, OU=Organic Units, DO

PASSED

4.2. Regression tests

For each test: NA

4.3. Standard Conformance tests

For each test: NA

4.4. Performance tests

For each test: NA

4.5. Scalability tests

For each test: NA

4.6. Integration tests

For each test: NA

-----End of System Test Summary -----

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