

Quality Criteria Verification
Executive Summary
For QCV, Stage Rollout, DMSU and EGI internal

Name of the component	APEL Publisher		
Release	3.2.8	RT Ticket	3181
Software Provider	EMI		
Release Contact	Name:	E-Mail	
	Cristina Aiftimiei	cristina.aiftimiei@pd.infn.it	
Validator	Name:	E-Mail	
	Álvaro Simón	asimon@cesga.es	
V. Hours Worked	5		
Component status	Verified	Date	02/12/11
Verification start date	01/12/11	Verification end date	02/12/11

Summary:
APEL publisher was installed and tested without problems.

GGUS Tickets:
None

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	16	0	0	16
	Specific Quality Criteria			
TP				
VLD	5	0	2	7

Quality Criteria verification cheatsheet:

Criteria	Accepted (Y/N/NA)	Tested (TP/VLD)	Comments
Generic QC			
GENERIC_DOC_1 (Functional Description)	Y	VLD	https://twiki.cern.ch/twiki/pub/EMI/APELClient/
GENERIC_DOC_2 (Release Notes)	Y	VLD	http://www.eu-emi.eu/products/-/asset_publisher/z2MT/content/apel-publisher#Release_Notes
GENERIC_DOC_5 (API Documentation)			
GENERIC_DOC_6 (Administrator Documentation)	Y	VLD	https://twiki.cern.ch/twiki/pub/EMI/APELClient/Publisher_System_Administrator_Guide_v1.0.0.pdf
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	https://twiki.cern.ch/twiki/bin/view/EMI/APEL/PublisherReferenceCard
GENERIC_DOC_8 (Software License)	Y	VLD	
GENERIC_DOC_9 (Release changes testing)	Y	VLD	
GENERIC_DIST_1 (Source Code Availability)	Y	VLD	
GENERIC_DIST_2 (Source Distribution)	Y	VLD	
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	
GENERIC_SERVICE_1 (Service control and status)	Y	VLD	
GENERIC_SERVICE_2 (Log Files)	Y	VLD	
GENERIC_SERVICE_3 (Service Reliability)	Y	VLD	
GENERIC_SERVICE_4 (Service Robustness)	Y	VLD	
GENERIC_SERVICE_4 (Automatic Configuration)	Y	VLD	
GENERIC_SEC_1 (World Writable Files)	Y	VLD	
GENERIC_SEC_2 (Directory Traversal Attacks testing)	Optional		
GENERIC_MISC_2 (Bug Tracking System)	Y	VLD	
Information Capabilities QC			
INFOMODEL_SCHEMA_1 (GlueSchema Support)	NA		
INFODISC_IFACE_1 (Information Discovery Interface)	NA		
Operations Capabilities QC			
MON_PROBE_GENERIC_2 (Service Probe)	TBD		
ACC_JOBEXEC_1 (Job Execution Appliances Account)	Y	VLD	
ACC_STORE_1 (Local Accounting Store)	Y	VLD	
ACC_STORE_2 (Accounting Records Transmission)	Y	VLD	
ACC_CRON_1 (Periodic Local Registry Store)	Y	VLD	
ACC_CRON_2 (Periodic Central Registry Update.)	Y	VLD	

Validator comments:

= APEL installation =

```
# cat epel.repo
[epel]
name=Extra Packages for Enterprise Linux 5 - $basearch
#baseurl=http://download.fedoraproject.org/pub/epel/5/$basearch
mirrorlist=http://mirrors.fedoraproject.org/mirrorlist?repo=epel-5&arch=$basearch
failovermethod=priority
enabled=1
gpgcheck=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-EPEL

[epel-debuginfo]
name=Extra Packages for Enterprise Linux 5 - $basearch - Debug
#baseurl=http://download.fedoraproject.org/pub/epel/5/$basearch/debug
mirrorlist=http://mirrors.fedoraproject.org/mirrorlist?repo=epel-debug-5&arch=$basearch
failovermethod=priority
enabled=0
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-EPEL
gpgcheck=1

[epel-source]
name=Extra Packages for Enterprise Linux 5 - $basearch - Source
#baseurl=http://download.fedoraproject.org/pub/epel/5/SRPMS
mirrorlist=http://mirrors.fedoraproject.org/mirrorlist?repo=epel-source-5&arch=$basearch
failovermethod=priority
enabled=0
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-EPEL
gpgcheck=1

# cat EMI.apel.s15.x86_64.repo
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -
(3181,396,317)
```

```
[EMI.apel.s15.x86_64]
name=EMI.apel.s15.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/emi.apel.s15.x86_64/3/2/8/
enabled=1
protect=1
priority=5
gpgcheck=1
gpgkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/1/RPM-GPG-KEY-emi
```

```
# yum update
```

```
=====
Updating:
 glite-apel-core           noarch           2.0.14-4.s15
EMI.apel.s15.x86_64       1.0 M
 glite-apel-publisher     noarch           2.0.16-0.s15
EMI.apel.s15.x86_64       57 k
 glite-yaim-core          noarch           5.0.2-1.s15
EMI.apel.s15.x86_64       116 k
Installing for dependencies:
 axis                      x86_64           1.2.1-2jpp.6           s1-base
3.6 M
 bcel                      x86_64           5.1-8jpp.1             s1-base
1.1 M
```

classpathx-jaf	x86_64	1.0-9jpp.1	sl-base
111 k			
classpathx-mail	x86_64	1.1.1-4jpp.2	sl-base
1.2 M			
geronimo-specs	x86_64	1.0-0.M2.2jpp.12	sl-base
258 k			
geronimo-specs-compatible	x86_64	1.0-0.M2.2jpp.12	sl-base
5.4 k			
jakarta-commons-discovery	x86_64	1:0.3-4jpp.1	sl-base
150 k			
jakarta-commons-httpclient	x86_64	1:3.0-7jpp.1	sl-base
595 k			
jakarta-commons-logging	x86_64	1.0.4-6jpp.1	sl-base
115 k			
mx4j	x86_64	1:3.0.1-6jpp.4	sl-base
2.7 M			
mysql-connector-java	x86_64	1:5.1.12-2.e15	epel
2.5 M			
regexp	x86_64	1.4-2jpp.2	sl-base
102 k			
tomcat5-servlet-2.4-api	x86_64	5.5.23-0jpp.17.e15_6	sl-
security	163 k		
wsdl4j	x86_64	1.5.2-4jpp.1	sl-base
428 k			
xml-commons	x86_64	1.3.02-0.b2.7jpp.10	sl-base
19 k			
xml-commons-resolver	x86_64	1.1-1jpp.12	sl-base
170 k			

Transaction Summary

=====

Install 16 Package(s)
 Upgrade 3 Package(s)

= Configuration =

```
# yum install mysql-server
# service mysqld start
# chkconfig --level 345 mysqld *****
```

- MYSQL_PASSWORD: This is the root password for MySQL set up in 3.1.4

- SITE_NAME: The official (GOCDDB) name for the site.

- CE_HOST: The hostname for the site CE. If there is more than one CE, YAIM must be run once per CE (with CE_HOST set to each hostname every time).

- APEL_DB_PASSWORD: YAIM will create an accounting user with this password for MySQL.

- MON_HOST: The hostname for this emi-apel host (the installation host).

```
# /opt/glite/yaim/bin/yaim -c -n glite-APEL -s site-info.def
```

Testing

```
#!/usr/bin/apel-sge-log-parser -f /etc/glite-apel-sge/parser-config-yaim.xml
```

...

...

```
Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - The LcgProcessedFiles schema is up-to-date
```

```
Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - Checking the SpecRecords table for patch 28593
```

```
Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - Checking the SpecRecords table for patch 65723
```

Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - The SpecRecords schema is up-to-date

Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - Checking the GkRecords table

Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - The GkRecords schema is up-to-date

Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - Checking the MessageRecords table

Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - The MessageRecords schema is up-to-date

Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - **** Schema checks complete ****

Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - Finding CPU spec values from GIIS server: test06.egi.cesga.es

Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - LDAP URL:
ldap://test06.egi.cesga.es:2170

Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - Found New ClusterId, now storing it

Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - Found New ClusterId, now storing it

Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - Reprocess disabled, checking new event logs only

Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - **** Updating SGE end event table (EventRecords) ****

Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - Processing
/usr/local/sge/V61u3/default/common/accounting

Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - Event records inserted: 134

Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - Checking the BlahdRecords table

Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - The BlahdRecords schema is up-to-date

Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - Reprocess disabled, checking new event logs only

Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - Processing
/var/log/cream/accounting/blahp.log-20111202

Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - Processing
/var/log/cream/accounting/blahp.log-20111201

Fri Dec 2 18:17:10 UTC 2011: apel-sge-log-parser - Processing
/var/log/cream/accounting/blahp.log-20111130

Fri Dec 2 18:17:11 UTC 2011: apel-sge-log-parser - Blahd records inserted: 130

Fri Dec 2 18:17:11 UTC 2011: apel-sge-log-parser - ----- Processing finished -----

Not applicable Quality Criteria

Specific Functional Tests to be repeated in SR:

Test number	Description	Motivation

Specific Non-functional tests (Scalability, etc...) to be repeated in SR:

Test number	Description	Motivation

Comments for UMD QC definition (TSA2.2):

- Review criteria xxxx
- Add criteria xxxx

Comments for SR (TSA1.3):

Comments for DMSU (TSA2.5):

Comments for TP: