

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

Name of the component	APEL SL5		
Release	3.3.0	RT Ticket	#3882
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	3h		
Component status	Verified	Date	25/06/12
Verification start date	25/06/12	Verification end date	25/06/12

Summary:
No issues found during verification process.

GGUS Tickets:
None

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD				
	Specific Quality Criteria			
TP				
VLD				

Quality Criteria verification cheatsheet:

Criteria	Accepted (Y/N/N)	Tested (TP/VLD)	Comments
DOCUMENTATION QC			
GENERIC_DOC_1 (Functional Description)	Optional		
GENERIC_DOC_2 (Release Notes)	Y	VLD	
GENERIC_DOC_3 (User Documentation)	Optional		
GENERIC_DOC_4 (Online help (man pages))	Optional		
GENERIC_DOC_5 (API Documentation)	Optional		
GENERIC_DOC_6 (Administrator Documentat	Optional		
GENERIC_DOC_7 (Service Reference Card)	Optional		
GENERIC_DOC_8 (Software License)	Y	VLD	
GENERIC_DOC_9 (Release changes testing)			
SOFTWARE DISTRIBUTION QC			
GENERIC_DIST_1 (Source Code Availability)	Y	VLD	
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	
SOFTWARE FEATURES QC			
GENERIC_SOFT_1 (Backwards Compatibility)			
GENERIC_SOFT_2 (New features testing)			
SERVICE CRITERIA QC			
GENERIC_SERVICE_1 (Service control and s	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_5 (Automatic Configurat	Y	VLD	
GENERIC_SERVICE_6 (Default Password Co	Y	VLD	
SECURITY QC			
GENERIC_SEC_1 (World Writable Files)	Y	VLD	
GENERIC_SEC_3 (Passwords in world readat	Y	VLD	
MISCELLANEOUS QC			
GENERIC_MISC_2 (Bug Tracking System)	Y	VLD	
AUTHENTICATION QC			
AUTHN_IFACE_1 (X.509 Certificate support)	Y	VLD	
MONITORING PROBES QC			
MON_PROBE_GENERIC_1 (Certificate Lifetir	Optional		
MON_PROBE_GENERIC_2 (Service Probe)	Optional		
ACCOUNTING CAPABILITY QC			
ACC_STORE_1 (Local Accounting Store)	Y	VLD	
ACC_STORE_2 (Accounting Records Transm	Y	VLD	

Validator comments:

```
# cat EMI.apel.s15.x86_64.repo
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) - (3882,539,466)
```

```
[EMI.apel.s15.x86_64]
name=EMI.apel.s15.x86_64
baseurl=http://admin-Repo.egi.eu/sw/unverified/emi.apel.s15.x86_64/3/3/0/
enabled=1
protect=1
priority=1
gpgcheck=1
gpgkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/2/RPM-GPG-KEY-emi
```

```
=====
Package                               Arch                               Version
Repository                             Size
=====
```

Package	Arch	Version
Installing:		
kernel	x86_64	2.6.18-308.8.2.el5
sl-security		21 M
Updating:		
bind-libs	x86_64	30:9.3.6-897 k
20.P1.el5_8.1	sl-security	
bind-utils	x86_64	30:9.3.6-180 k
20.P1.el5_8.1	sl-security	
ca-policy-egi-core	noarch	1.48-1
EGI-trustanchors		5.4 k
ca-policy-lcg	noarch	1.48-1
EGI-trustanchors		2.0 k
ca_AAACertificateServices	noarch	1.48-1
EGI-trustanchors		5.7 k
ca_AEGIS	noarch	1.48-1
EGI-trustanchors		5.3 k
ca_AIST	noarch	1.48-1
EGI-trustanchors		5.6 k
ca_APAC	noarch	1.48-1
EGI-trustanchors		5.9 k
ca_ASGCCA-2007	noarch	1.48-1
EGI-trustanchors		5.3 k
ca_AddTrust-External-CA-Root	noarch	1.48-1
EGI-trustanchors		5.8 k
ca_ArmeSfo	noarch	1.48-1
EGI-trustanchors		5.0 k
ca_AustrianGrid	noarch	1.48-1
EGI-trustanchors		5.3 k
ca_BEGrid2008	noarch	1.48-1
EGI-trustanchors		5.1 k
ca_BG-ACAD-CA	noarch	1.48-1
EGI-trustanchors		5.2 k
ca_BYGCA	noarch	1.48-1
EGI-trustanchors		5.2 k
ca_BalticGrid	noarch	1.48-1
EGI-trustanchors		5.3 k
ca_BrGrid	noarch	1.48-1
EGI-trustanchors		5.5 k
ca_CALG	noarch	1.48-1
EGI-trustanchors		5.3 k
ca_CERN-Root	noarch	1.48-1
EGI-trustanchors		5.2 k
ca_CERN-TCA	noarch	1.48-1
EGI-trustanchors		5.2 k
ca_CESNET-CA-3	noarch	1.48-1
EGI-trustanchors		4.8 k
ca_CESNET-CA-Root	noarch	1.48-1
EGI-trustanchors		5.2 k
ca_CNIC	noarch	1.48-1
EGI-trustanchors		5.3 k
ca_CNRS2	noarch	1.48-1
EGI-trustanchors		5.0 k
ca_CNRS2-Grid-FR	noarch	1.48-1
EGI-trustanchors		5.3 k
ca_CNRS2-Projets	noarch	1.48-1
EGI-trustanchors		5.3 k
ca_CyGrid	noarch	1.48-1
EGI-trustanchors		5.1 k
ca_DFN-GridGermany-Root	noarch	1.48-1
EGI-trustanchors		5.5 k
ca_DFN-SLCS	noarch	1.48-1
EGI-trustanchors		5.1 k
ca_DOEGrids	noarch	1.48-1
EGI-trustanchors		6.3 k
ca_DZeScience	noarch	1.48-1
EGI-trustanchors		7.1 k
ca_DigiCertAssuredIDRootCA-Root	noarch	1.48-1
EGI-trustanchors		5.4 k
ca_DigiCertGridCA-1-Classic	noarch	1.48-1
EGI-trustanchors		5.7 k
ca_DigiCertGridRootCA-Root	noarch	1.48-1
EGI-trustanchors		5.4 k
ca_DigiCertGridTrustCA-Classic	noarch	1.48-1
EGI-trustanchors		6.0 k
ca_ESnet	noarch	1.48-1
EGI-trustanchors		6.1 k

ca_FNAL-SLCS			noarch	1.48-1
EGI-trustanchors	5.3 k			
ca_GermanGrid			noarch	1.48-1
EGI-trustanchors	5.4 k			
ca_Grid-Ireland			noarch	1.48-1
EGI-trustanchors	5.2 k			
ca_GridCanada			noarch	1.48-1
EGI-trustanchors	5.3 k			
ca_HIAST			noarch	1.48-1
EGI-trustanchors	6.7 k			
ca_HKU			noarch	1.48-1
EGI-trustanchors	5.0 k			
ca_HellasGrid-CA-2006			noarch	1.48-1
EGI-trustanchors	5.1 k			
ca_HellasGrid-Root			noarch	1.48-1
EGI-trustanchors	5.4 k			
ca_IGCA			noarch	1.48-1
EGI-trustanchors	5.1 k			
ca_IHEP			noarch	1.48-1
EGI-trustanchors	5.3 k			
ca_INFN-CA-2006			noarch	1.48-1
EGI-trustanchors	5.1 k			
ca_IRAN-GRID			noarch	1.48-1
EGI-trustanchors	5.2 k			
ca_IUCC			noarch	1.48-1
EGI-trustanchors	5.4 k			
ca_Junet-CA			noarch	1.48-1
EGI-trustanchors	5.2 k			
ca_KEK			noarch	1.48-1
EGI-trustanchors	5.5 k			
ca_KISTI-2007			noarch	1.48-1
EGI-trustanchors	5.2 k			
ca_LACGridCA			noarch	1.48-1
EGI-trustanchors	5.4 k			
ca_LIPCA			noarch	1.48-1
EGI-trustanchors	5.0 k			
ca_MARGI			noarch	1.48-1
EGI-trustanchors	5.1 k			
ca_MD-Grid			noarch	1.48-1
EGI-trustanchors	5.5 k			
ca_MREN-CA			noarch	1.48-1
EGI-trustanchors	5.1 k			
ca_MYIFAM			noarch	1.48-1
EGI-trustanchors	5.3 k			
ca_MaGrid			noarch	1.48-1
EGI-trustanchors	5.3 k			
ca_NAREGI			noarch	1.48-1
EGI-trustanchors	5.5 k			
ca_NCHC			noarch	1.48-1
EGI-trustanchors	5.1 k			
ca_NCSA-mics			noarch	1.48-1
EGI-trustanchors	5.3 k			
ca_NCSA-slcs			noarch	1.48-1
EGI-trustanchors	5.3 k			
ca_NCSA-tfca			noarch	1.48-1
EGI-trustanchors	5.2 k			
ca_NECTEC			noarch	1.48-1
EGI-trustanchors	5.5 k			
ca_NERSC-SLCS			noarch	1.48-1
EGI-trustanchors	5.8 k			
ca_NICS-MyProxy			noarch	1.48-1
EGI-trustanchors	5.3 k			
ca_NIIF			noarch	1.48-1
EGI-trustanchors	5.2 k			
ca_NIKHEF			noarch	1.48-1
EGI-trustanchors	5.4 k			
ca_NorduGrid			noarch	1.48-1
EGI-trustanchors	5.1 k			
ca_PK-Grid-2007			noarch	1.48-1
EGI-trustanchors	5.7 k			
ca_PRAGMA-UCSD			noarch	1.48-1
EGI-trustanchors	5.6 k			
ca_PSC-Myproxy-CA			noarch	1.48-1
EGI-trustanchors	5.3 k			
ca_PolishGrid			noarch	1.48-1
EGI-trustanchors	5.2 k			
ca_QuoVadis-Root-CA1			noarch	1.48-1
EGI-trustanchors	5.7 k			
ca_RDIG			noarch	1.48-1
EGI-trustanchors	5.6 k			
ca_REUNA-ca			noarch	1.48-1
EGI-trustanchors	5.3 k			
ca_RomanianGRID			noarch	1.48-1
EGI-trustanchors	5.3 k			
ca_SDG			noarch	1.48-1
EGI-trustanchors	5.3 k			
ca_SEE-GRID			noarch	1.48-1
EGI-trustanchors	5.4 k			
ca_SRCE			noarch	1.48-1
EGI-trustanchors	4.9 k			
ca_SWITCH-QuoVadis-Grid-ICA			noarch	1.48-1
EGI-trustanchors	5.2 k			
ca_SWITCHgrid-Root			noarch	1.48-1
EGI-trustanchors	5.3 k			
ca_SWITCHslcs2011			noarch	1.48-1
EGI-trustanchors	4.9 k			
ca_SiGNET-CA			noarch	1.48-1
EGI-trustanchors	5.4 k			
ca_SlovakGrid			noarch	1.48-1
EGI-trustanchors	5.3 k			
ca_TACC-Classic			noarch	1.48-1
EGI-trustanchors	5.3 k			

ca_TACC-MICS			
EGI-trustanchors	5.3 k	noarch	1.48-1
ca_TACC-Root		noarch	1.48-1
EGI-trustanchors	5.2 k		
ca_TERENA-eScience-SSL-CA		noarch	1.48-1
EGI-trustanchors	5.7 k		
ca_TERENAEsciencePersonalCA		noarch	1.48-1
EGI-trustanchors	5.2 k		
ca_TRGrid		noarch	1.48-1
EGI-trustanchors	5.2 k		
ca_UGRID		noarch	1.48-1
EGI-trustanchors	5.1 k		
ca_UKeScienceCA-2007		noarch	1.48-1
EGI-trustanchors	4.9 k		
ca_UKeScienceCA-2A		noarch	1.48-1
EGI-trustanchors	4.9 k		
ca_UKeScienceCA-2B		noarch	1.48-1
EGI-trustanchors	4.9 k		
ca_UKeScienceRoot-2007		noarch	1.48-1
EGI-trustanchors	5.4 k		
ca_ULAGrid-CA-2008		noarch	1.48-1
EGI-trustanchors	5.4 k		
ca_UNAMgrid-ca		noarch	1.48-1
EGI-trustanchors	5.5 k		
ca_UNLPGrid		noarch	1.48-1
EGI-trustanchors	5.3 k		
ca_UTN-USERFirst-Hardware		noarch	1.48-1
EGI-trustanchors	5.7 k		
ca_UTNAAclient		noarch	1.48-1
EGI-trustanchors	5.1 k		
ca_UniandesCA		noarch	1.48-1
EGI-trustanchors	5.3 k		
ca_cilogon-silver		noarch	1.48-1
EGI-trustanchors	5.1 k		
ca_ncsa-gridshib-ca		noarch	1.48-1
EGI-trustanchors	5.4 k		
ca_pkIRISGrid		noarch	1.48-1
EGI-trustanchors	5.5 k		
ca_policy_igtf-classic		noarch	1.48-1
EGI-trustanchors	6.1 k		
ca_policy_igtf-mics		noarch	1.48-1
EGI-trustanchors	2.8 k		
ca_policy_igtf-slcs		noarch	1.48-1
EGI-trustanchors	2.9 k		
expat		i386	1.95.8-11.e15_8
sl-security	78 k		
expat		x86_64	1.95.8-11.e15_8
sl-security	77 k		
glite-apel-core		noarch	2.0.14-5.s15
EMI.apel.s15.x86_64	1.0 M		
glite-apel-publisher		noarch	2.0.16-1.s15
EMI.apel.s15.x86_64	57 k		
glite-apel-yaim		noarch	1.0.2-4.s15
EMI.apel.s15.x86_64	6.6 k		
glite-yaim-core		noarch	5.1.0-1.s15
EMI.apel.s15.x86_64	118 k		
java-1.6.0-openjdk		x86_64	1:1.6.0.0-36 M
1.27.1.10.8.e15_8		sl-security	
java-1.6.0-openjdk-devel		x86_64	1:1.6.0.0-12 M
1.27.1.10.8.e15_8		sl-security	
lcg-CA		noarch	1.48-1
EGI-trustanchors	2.1 k		
openssl		i686	0.9.8e-22.e15_8.4
sl-security	1.5 M		
openssl		x86_64	0.9.8e-22.e15_8.4
sl-security	1.5 M		
python		x86_64	2.4.3-46.e15_8.2
sl-security	59 k		
python-libs		x86_64	2.4.3-46.e15_8.2
sl-security	5.9 M		
tzdata		x86_64	2012c-1.e15
sl-security	766 k		
tzdata-java		x86_64	2012c-1.e15
sl-security	181 k		
Removing:			
kernel		x86_64	2.6.18-238.5.1.e15
installed	93 M		
Installing for dependencies:			
avahi		x86_64	0.6.16-10.e15_6
sl-security	257 k		
avahi-compat-libdns_sd		x86_64	0.6.16-10.e15_6
sl-security	24 k		
cups		x86_64	1:1.3.7-30.e15
sl-security	3.1 M		
redhat-lsb		x86_64	3.1-12.3.EL
sl-base	21 k		

Transaction Summary

```

=====
Install      5 Package(s)
Upgrade     124 Package(s)
Remove       1 Package(s)
Reinstall    0 Package(s)
Downgrade    0 Package(s)
=====

```

Total download size: 86 M

= Configuration =

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

WARNING:

WARNING: *****
WARNING: Your siteinfo directory is world readable. This is generally a bad idea
WARNING: as configuration files may contain passwords and other sensitive information.
WARNING: *****
WARNING:
INFO: Configuring HOST: test07.egi.cesga.es
INFO: Using site configuration file: site-info.def
INFO:

#####

```
 .      /'.-.' )
 .      yA,-"-,(,m:/) .oo.      oo      o      ooo      o.      .oo
 .      /      -Y a a Y-.      8' .8'      8'8.      8      8b      d'8
 .      /      ~ ~ /      8'      .8oo88.      8      8      8'      8
 .      ( /      '===='      8      .8'      8.      8      8      Y      8
 .      Y,-''-,Yy,-.,/      o8o      o8o      o88o      o8o      o8o      o8o
 .      I_)_) I_)_)
```

current working directory: /opt/glite/yaim/etc
site-info.def date: dic 2 2011 site-info.def
yaim command: -c -n glite-APEL -s site-info.def
log file: /opt/glite/yaim/bin/./log/yaimlog
lun jun 25 10:45:13 CEST 2012 : /opt/glite/yaim/bin/yaim

Installed YAIM versions:
glite-apel-yaim ame:-ame:
glite-yaim-core 5.1.0-1

#####

INFO: The default location of the grid-env.(c)sh files will be: /usr/libexec
INFO: Sourcing the utilities in /opt/glite/yaim/functions/utills
INFO: Detecting environment
INFO: Executing function: config_apel_check
INFO: Executing function: config_crl
INFO: Now updating the CRLs - this may take a few minutes...
mysqldadmin: CREATE DATABASE failed; error: 'Can't create database 'accounting'; database exists'
ERROR 1050 (42501) at line 10: Table 'RepublishInfo' already exists
WARNING: /usr/libexec/fetch-crl.sh didn't finish successfully
WARNING: CRLs may not be updated, please have a look !
Enabling periodic fetch-crl: [OK]
INFO: Executing function: config_apel
INFO: Configuration Complete. [OK]
INFO: YAIM terminated succesfully.

```
# /usr/bin/apel-pbs-log-parser -f /etc/glite-apel-pbs/parser-config-yaim.xml
Mon Jun 25 11:53:06 UTC 2012: apel-pbs-log-parser - Read-in configuration: [quiet, p, inspectTables, c, e,
recursiveEventFiles, b, recursiveBlahdFiles] [DBPassword=****, site=CESGA-EGEE,
pbslog=/var/lib/torque/server_priv/accounting, GIIS=test06.egi.cesga.es, CHost=test06.egi.cesga.es,
blahdlogPrefix=blahp.log., DBURL=jdbc:mysql://test07.egi.cesga.es:3306/accounting, DBUsername=accounting,
timeZone=UTC, blahdlog=/var/log/cream/accounting]
Mon Jun 25 11:53:06 UTC 2012: apel-pbs-log-parser - ----- Starting the apel application -----
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - **** APEL is examining the schema ****
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - Checking the LcgRecords table
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - The LcgRecords schema is up-to-date
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - Checking the BlahdRecords table
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - The BlahdRecords schema is up-to-date
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - Checking the LcgProcessedFiles table
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - The LcgProcessedFiles schema is up-to-date
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - Checking the SpecRecords table for patch 28593
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - Checking the SpecRecords table for patch 65723
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - The SpecRecords schema is up-to-date
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - Checking the GkRecords table
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - The GkRecords schema is up-to-date
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - Checking the MessageRecords table
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - The MessageRecords schema is up-to-date
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - **** Schema checks complete ****
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - Finding CPU spec values from GIIS server: test06.egi.cesga.es
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - LDAP URL: ldap://test06.egi.cesga.es:2170
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - The ClusterId : SpecInt pair are latest, no update required
test06.egi.cesga.es:8443/cream-pbs-GRID_dteam:2395
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - The ClusterId : SpecInt pair are latest, no update required
test06.egi.cesga.es:8443/cream-pbs-GRID_ops:2395
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - The ClusterId : SpecInt pair are latest, no update required
test06.egi.cesga.es:8443/cream-pbs-GRID_iberibeu:2395
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - The ClusterId : SpecInt pair are latest, no update required
test06.egi.cesga.es:8443/cream-pbs-GRID_opsibeu:2395
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - Reprocess disabled, checking new event logs only
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - **** Updating PBS end event table (EventRecords) ****
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - Ignoring already processed event log file: test06.egi.cesga.es
/var/lib/torque/server_priv/accounting/20120620
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - Processing batch log file: test06.egi.cesga.es
/var/lib/torque/server_priv/accounting/20120625
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - Ignoring already processed event log file: test06.egi.cesga.es
/var/lib/torque/server_priv/accounting/20120619
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - Event records inserted: 5
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - Checking the BlahdRecords table
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - The BlahdRecords schema is up-to-date
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - Reprocess disabled, checking new event logs only
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - Ignoring already processed accounting log file:
test06.egi.cesga.es /var/log/cream/accounting/blahp.log-20120620
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - Processing /var/log/cream/accounting/blahp.log-20120625
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-log-parser - Blahd records inserted: 5
Mon Jun 25 11:53:07 UTC 2012: apel-pbs-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: