

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

Name of the component	EMI-ARGUS		
Release	EMI3	RT Ticket	#5086 #5087
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	7		
Component status	<b>Verified</b>	Date	21/03/13
Verification start date	18/03/13	Verification end date	21/03/13

**Summary:**

**No issues found during ARGUS verification. Fetch-crl should be installed and executed before ARGUS install.**

**GGUS Tickets:**

**None**

**Summary of Quality Criteria verification:**

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

## Quality Criteria verification cheatsheet:

Criteria	Accepted (Y/N/N)	Tested (TP/VLD)	Comments
<b>DOCUMENTATION QC</b>			
GENERIC_DOC_1 (Functional Description)	Y	VLD	<a href="https://twiki.cern.ch/twiki/bin/view/EMI/ArgusEMIDocumentation">https://twiki.cern.ch/twiki/bin/view/EMI/ArgusEMIDocumentation</a>
GENERIC_DOC_2 (Release Notes)	Y	VLD	<a href="http://www.eu-emi.eu/products/-/asset_publish">http://www.eu-emi.eu/products/-/asset_publish</a>
GENERIC_DOC_3 (User Documentation)	Y	VLD	<a href="https://twiki.cern.ch/twiki/bin/view/EGEE/ArgusEMIDeployment">https://twiki.cern.ch/twiki/bin/view/EGEE/ArgusEMIDeployment</a>
GENERIC_DOC_4 (Online help (man pages))	Y	VLD	
GENERIC_DOC_5 (API Documentation)	Y	VLD	
GENERIC_DOC_6 (Administrator Documentat	Y	VLD	
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	
GENERIC_DOC_8 (Software License)	Y	VLD	
GENERIC_DOC_9 (Release changes testing)	Optional		
<b>SOFTWARE DISTRIBUTION QC</b>			
GENERIC_DIST_1 (Source Code Availability)	Y	VLD	
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	
<b>SOFTWARE FEATURES QC</b>			
GENERIC_SOFT_1 (Backwards Compatibility)	Y	VLD	
GENERIC_SOFT_2 (New features testing)			
<b>SERVICE CRITERIA QC</b>			
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 Configurati	Y	VLD	
GENERIC_SERVICE_6 (Default Password Co	Y	VLD	
GENERIC_SERVICE_7 (Default Configuration	Y	VLD	
<b>SECURITY QC</b>			
GENERIC_SEC_1 (World Writable Files)	Y	VLD	
GENERIC_SEC_3 (Passwords in world readab	Y	VLD	
<b>MISCELLANEOUS QC</b>			
GENERIC_MISC_1 (Bug Tracking System)	Y	VLD	
<b>AUTHENTICATION QC</b>			
AUTHN_CRED_1 (X.509 Certificate support)	Y	VLD	
AUTHN_CRED_2 (SHA2 Certificate support)	Y	VLD	
AUTHN_CRED_3 (RFC Proxy support)	Y	VLD	
AUTHN_PROTO_1 (TLS/SSLv3 Support)	Y	VLD	
<b>AUTHORISATION QC</b>			
AUTHZ_MGMT_1 (Policy Listing)	Y	VLD	
AUTHZ_MGMT_2 (Policy Repositories Manag	Y	VLD	
AUTHZ_PCYDEF_1 ((un) Banning Policies)	Y	VLD	
AUTHZ_PCYDEF_2 (Policy Definition from file	Y	VLD	
AUTHZ_PCYDEF_3 (Ban UserGroup of users	Y	VLD	
AUTHZ_PCYDEF_4 (Allowed users definition)	Y	VLD	
AUTHZ_PEP_2 (User Mapping)	Y	VLD	
<b>MONITORING PROBES QC</b>			
MON_PROBE_GENERIC_1 (Certificate Lifetim	Y	VLD	
MON_PROBE_GENERIC_2 (Service Probe)	Y	VLD	

## Validator comments:

### Information:

<https://twiki.cern.ch/twiki/bin/view/EGEE/AuthzQSYumYaimInstall>  
<https://twiki.cern.ch/twiki/bin/view/EGEE/AuthzQSPolicySetup>

```
# cat EMI.argus.sl6.x86_64.repo  
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) - (5087,891,816)
```

```
[EMI.argus.sl6.x86_64]  
name=EMI.argus.sl6.x86_64  
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-3.emi.argus.sl6.x86_64/1/6/0/  
enabled=1  
protect=1  
priority=1  
gpgcheck=1  
gpgkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emisoft
```

```
# yum install emi-argus fetch-crl  
# /usr/sbin/fetch-crl
```

Dependencies Resolved

Package Repository	Size	Arch	Version
Installing:			
emi-argus		noarch	1.6.0-1.el6
EMI.argus.sl6.x86_64	2.6 k		
Installing for dependencies:			
alsa-lib		x86_64	1.0.22-3.el6
sl	369 k		
argus-pap		noarch	1.6.0-1.el6
EMI.argus.sl6.x86_64	16 M		
argus-pdp		noarch	1.6.0-1.el6
EMI.argus.sl6.x86_64	12 M		
argus-pdp-pep-common		noarch	1.4.0-2.el6
EMI.argus.sl6.x86_64	77 k		
argus-pep-api-c		x86_64	2.2.0-1.el6
EMI.argus.sl6.x86_64	48 k		
argus-pep-common		noarch	2.3.0-1.el6
EMI.argus.sl6.x86_64	264 k		
argus-pep-server		noarch	1.6.0-3.el6
EMI.argus.sl6.x86_64	13 M		
argus-pepcli		x86_64	2.2.0-1.el6
EMI.argus.sl6.x86_64	21 k		
at		x86_64	3.1.10-43.el6_2.1
sl	59 k		
atk		x86_64	1.28.0-2.el6
sl	190 k		
audit-libs-python		x86_64	2.2-2.el6
sl	58 k		
avahi-libs		x86_64	0.6.25-11.el6
sl	53 k		
bc		x86_64	1.06.95-1.el6
sl	109 k		
bdii		noarch	5.2.17-1.el6
EMI.argus.sl6.x86_64	23 k		
bouncycastle		noarch	1.46-1.el6
epel	2.3 M		
bouncycastle-mail		noarch	1.46-1.sl6
EMI.argus.sl6.x86_64	468 k		
cairo		x86_64	1.8.8-3.1.el6
sl	308 k		
canl-java		noarch	1.1.0-2.sl6
EMI.argus.sl6.x86_64	261 k		
cdparanoia-libs		x86_64	10.2-5.1.el6
sl	47 k		
cups		x86_64	1:1.4.2-50.el6_4.4
sl-security	2.3 M		
cups-libs		x86_64	1:1.4.2-50.el6_4.4
sl-security	316 k		
cvs		x86_64	1.11.23-11.el6_2.1
sl	711 k		
dbus		x86_64	1:1.2.24-7.el6_3
sl-security	206 k		
ed		x86_64	1.1-3.3.el6
sl	71 k		
emi-version		x86_64	3.0.0-1.sl6
EMI.argus.sl6.x86_64	2.2 k		
expect		x86_64	5.44.1.15-4.el6
sl	255 k		
flac		x86_64	1.2.1-6.1.el6
sl	242 k		
fontconfig		x86_64	2.8.0-3.el6
sl	185 k		
foomatic		x86_64	4.0.4-1.el6_1.1
sl	250 k		
foomatic-db		noarch	4.0-7.20091126.el6
sl	979 k		
foomatic-db-filesystem		noarch	4.0-7.20091126.el6
sl	3.4 k		

fomatic-db-ppds		noarch	4.0-7.20091126.e16
sl	19 M		
freetype		x86_64	2.3.11-14.e16_3.1
sl-security	358 k		
gettext		x86_64	0.17-16.e16
sl	1.8 M		
ghostscript		x86_64	8.70-14.e16_3.1
sl-security	4.4 M		
ghostscript-fonts		noarch	5.50-23.1.e16
sl	749 k		
giflib		x86_64	4.1.6-3.1.e16
sl	36 k		
glite-info-provider-service		noarch	1.12.0-1.e16
EMI.argus.sl6.x86_64	62 k		
glite-yaim-bdii		noarch	4.3.13-1.e16
EMI.argus.sl6.x86_64	11 k		
glite-yaim-core		noarch	5.1.1-1.sl6
EMI.argus.sl6.x86_64	102 k		
glue-schema		noarch	2.0.10-1.e16
EMI.argus.sl6.x86_64	31 k		
gnutls		x86_64	2.8.5-10.e16_4.1
sl-security	345 k		
gststreamer		x86_64	0.10.29-1.e16
sl	763 k		
gststreamer-plugins-base		x86_64	0.10.29-1.e16
sl	942 k		
gststreamer-tools		x86_64	0.10.29-1.e16
sl	22 k		
gtk2		x86_64	2.18.9-10.e16
sl	3.3 M		
hicolor-icon-theme		noarch	0.11-1.1.e16
sl	39 k		
iso-codes		noarch	3.16-2.e16
sl	2.4 M		
jakarta-commons-io		noarch	1.4-3.e16
sl	104 k		
jasper-libs		x86_64	1.900.1-15.e16_1.1
sl	135 k		
java-1.6.0-openjdk		x86_64	1:1.6.0.0-
1.57.1.11.9.e16_4		sl-security	25 M
jline		noarch	0.9.94-0.8.e16
sl	85 k		
jpackage-utils		noarch	1.7.5-3.12.e16
sl	58 k		
lcg-expiregridmapdir		noarch	3.0.1-1
EMI.argus.sl6.x86_64	6.7 k		
lcms-libs		x86_64	1.19-1.e16
sl	99 k		
libICE		x86_64	1.0.6-1.e16
sl	52 k		
libSM		x86_64	1.1.0-7.1.e16
sl	25 k		
libX11		x86_64	1.5.0-4.e16
sl-security	584 k		
libX11-common		noarch	1.5.0-4.e16
sl-security	191 k		
libXau		x86_64	1.0.6-4.e16
sl-security	23 k		
libXcomposite		x86_64	0.4.3-4.e16
sl-security	20 k		
libXcursor		x86_64	1.1.13-2.e16
sl-security	36 k		
libXdamage		x86_64	1.1.3-4.e16
sl-security	17 k		
libXext		x86_64	1.3.1-2.e16
sl-security	34 k		
libXfixes		x86_64	5.0-3.e16
sl-security	23 k		
libXfont		x86_64	1.4.5-2.e16
sl-security	135 k		
libXft		x86_64	2.3.1-2.e16
sl-security	54 k		
libXi		x86_64	1.6.1-3.e16
sl-security	34 k		
libXinerama		x86_64	1.1.2-2.e16
sl-security	19 k		
libXrandr		x86_64	1.4.0-1.e16
sl-security	36 k		
libXrender		x86_64	0.9.7-2.e16
sl-security	29 k		
libXt		x86_64	1.1.3-1.e16
sl-security	183 k		
libXtst		x86_64	1.2.1-2.e16
sl-security	28 k		
libXv		x86_64	1.0.7-2.e16
sl-security	23 k		
libXxf86vm		x86_64	1.1.2-2.e16
sl-security	21 k		
libasyncns		x86_64	0.8-1.1.e16
sl	23 k		
libfontenc		x86_64	1.0.5-2.e16
sl	24 k		
libgomp		x86_64	4.4.6-4.e16
sl	116 k		
libgudev1		x86_64	147-2.41.e16
sl	58 k		
libjpeg-turbo		x86_64	1.2.1-1.e16
sl-security	173 k		
libmng		x86_64	1.0.10-4.1.e16
sl	164 k		
libogg		x86_64	2:1.1.4-2.1.e16
sl	20 k		

liboil		x86_64	0.3.16-4.1.e16
sl	120 k		
libpng		x86_64	2:1.2.49-1.e16_2
sl	181 k		
libselinux-python		x86_64	2.0.94-5.3.e16
sl	201 k		
libsemanage-python		x86_64	2.0.43-4.1.e16
sl	80 k		
libsndfile		x86_64	1.0.20-5.e16
sl	232 k		
libtasn1		x86_64	2.3-3.e16_2.1
sl	237 k		
libthai		x86_64	0.1.12-3.e16
sl	182 k		
libtheora		x86_64	1:1.1.0-2.e16
sl	128 k		
libtiff		x86_64	3.9.4-9.e16_3
sl-security	341 k		
libtool-ltdl		x86_64	2.2.6-15.5.e16
sl	43 k		
libudev		x86_64	147-2.41.e16
sl	74 k		
libvisual		x86_64	0.4.0-9.1.e16
sl	134 k		
libvorbis		x86_64	1:1.2.3-4.e16_2.1
sl	167 k		
libxcb		x86_64	1.8.1-1.e16
sl-security	109 k		
make		x86_64	1:3.81-20.e16
sl	388 k		
mesa-dri-drivers		x86_64	9.0-0.7.e16
sl-security	4.1 M		
mesa-dri-filesystem		x86_64	9.0-0.7.e16
sl-security	43 k		
mesa-dri1-drivers		x86_64	7.11-8.e16
sl-security	3.8 M		
mesa-libGL		x86_64	9.0-0.7.e16
sl-security	162 k		
mesa-libGLU		x86_64	9.0-0.7.e16
sl-security	224 k		
openjpeg-libs		x86_64	1.3-9.e16_3
sl-security	58 k		
openldap-clients		x86_64	2.4.23-26.e16_3.2
sl-security	163 k		
openldap-servers		x86_64	2.4.23-26.e16_3.2
sl-security	2.0 M		
pango		x86_64	1.28.1-3.e16_0.5
sl	350 k		
patch		x86_64	2.6-6.e16
sl	90 k		
pax		x86_64	3.4-10.1.e16
sl	68 k		
perl		x86_64	4:5.10.1-127.e16
sl	10 M		
perl-CGI		x86_64	3.51-127.e16
sl	206 k		
perl-ExtUtils-MakeMaker		x86_64	6.55-127.e16
sl	290 k		
perl-ExtUtils-ParseXS		x86_64	1:2.2003.0-127.e16
sl	42 k		
perl-Module-Pluggable		x86_64	1:3.90-127.e16
sl	37 k		
perl-Pod-Escapes		x86_64	1:1.04-127.e16
sl	30 k		
perl-Pod-Simple		x86_64	1:3.13-127.e16
sl	209 k		
perl-Test-Harness		x86_64	3.17-127.e16
sl	229 k		
perl-Test-Simple		x86_64	0.92-127.e16
sl	110 k		
perl-devel		x86_64	4:5.10.1-127.e16
sl	420 k		
perl-libs		x86_64	4:5.10.1-127.e16
sl	575 k		
perl-version		x86_64	3:0.77-127.e16
sl	48 k		
phonon-backend-gstreamer		x86_64	1:4.6.2-24.e16
sl	125 k		
pixman		x86_64	0.26.2-4.e16
sl-security	199 k		
pkgconfig		x86_64	1:0.23-9.1.e16
sl	69 k		
policycoreutils-python		x86_64	2.0.83-19.24.e16
sl	339 k		
poppler		x86_64	0.12.4-3.e16_0.1
sl	556 k		
poppler-data		noarch	0.4.0-1.e16
sl	2.2 M		
poppler-utils		x86_64	0.12.4-3.e16_0.1
sl	72 k		
portreserve		x86_64	0.0.4-9.e16
sl	22 k		
pulseaudio-libs		x86_64	0.9.21-13.e16
sl	461 k		
qt		x86_64	1:4.6.2-24.e16
sl	4.0 M		
qt-sqlite		x86_64	1:4.6.2-24.e16
sl	50 k		
qt-x11		x86_64	1:4.6.2-24.e16
sl	12 M		
qt3		x86_64	3.3.8b-30.e16
sl	3.5 M		

redhat-lsb		x86_64	4.0-3.e16
sl	23 k	x86_64	
redhat-lsb-graphics		x86_64	4.0-3.e16
sl	11 k		
redhat-lsb-printing		x86_64	4.0-3.e16
sl	9.6 k		
rhino		noarch	1.7-0.7.r2.2.e16
sl	777 k		
setools-libs		x86_64	3.3.7-4.e16
sl	399 k		
setools-libs-python		x86_64	3.3.7-4.e16
sl	221 k		
tcl		x86_64	1:8.5.7-6.e16
sl	1.9 M		
time		x86_64	1.7-37.1.e16
sl	25 k		
tmpwatch		x86_64	2.9.16-4.e16
sl	30 k		
tzdata-java		noarch	2012j-2.e16
sl-security	154 k		
urw-fonts		noarch	2.4-10.e16
sl	3.0 M		
voms-api-java3		noarch	3.0.0-1.e16
EMI.argus.sl6.x86_64	118 k		
xml-common		noarch	0.6.3-32.e16
sl	8.4 k		
xorg-x11-font-utils		x86_64	1:7.2-11.e16
sl	74 k		
yaim-argus_server		noarch	1.6.0-1.e16
EMI.argus.sl6.x86_64	15 k		

Transaction Summary

=====  
 Install 149 Package(s)  
 =====

Configure site-info.def and run YAIM

**# /opt/glite/yaim/bin/yaim -c -s site-info.def -n ARGUS\_server**

Check Ports

**# nc -v test30.egi.cesga.es 8154**  
 Connection to test30.egi.cesga.es 8154 port [tcp/\*] succeeded!

Connect to:

**https://test30.egi.cesga.es:8154/authz**

**# /etc/init.d/argus-pap status**  
 PAP running!

**# /etc/init.d/argus-pdp status**  
 argus-pdp is running...

== Information Model Capability ==

**# /etc/init.d/bdii status**  
 BDII Running

**# glue-validator -g glue1 -H localhost -p 2170 -b o=grid**  
 Validating data types. ... ok  
 Verifying that attributes are not empty. ... ok  
 Verifying the existence of mandatory attributes. ... ok  
 Verifying the object class ... ok  
 Verifying single-valued attributes only have one value. ... ok  
 Validating data types. ... ok  
 Verifying that attributes are not empty. ... ok  
 Verifying the existence of mandatory attributes. ... ok  
 Verifying the object class ... ok  
 Verifying single-valued attributes only have one value. ... ok  
 Validating data types. ... ok  
 Verifying that attributes are not empty. ... ok  
 Verifying the existence of mandatory attributes. ... ok  
 Verifying the object class ... ok  
 Verifying single-valued attributes only have one value. ... ok

-----  
 Ran 15 tests in 0.001s

OK

**# glue-validator -g glue2 -H localhost -p 2170 -b o=glue**  
 Validating data types. ... ok  
 Verifying that attributes are not empty. ... ok  
 Verifying the existence of mandatory attributes. ... ok  
 Verifying the object class ... ok  
 Verifying single-valued attributes only have one value. ... ok  
 Validating data types. ... ok  
 Verifying that attributes are not empty. ... ok  
 Verifying the existence of mandatory attributes. ... ok  
 Verifying the object class ... ok  
 Verifying single-valued attributes only have one value. ... ok  
 Validating data types. ... ok  
 Verifying that attributes are not empty. ... ok  
 Verifying the existence of mandatory attributes. ... ok

Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok  
Validating data types. ... ok  
Verifying that attributes are not empty. ... ok  
Verifying the existence of mandatory attributes. ... ok  
Verifying the object class ... ok  
Verifying single-valued attributes only have one value. ... ok

-----  
Ran 50 tests in 0.006s

OK

**# ldapsearch -x -h test30.egi.cesga.es -p 2170 -b GLUE2GroupID=resource,o=glue  
objectclass=GLUE2Endpoint**

# extended LDIF

#

# LDAPv3

# base <GLUE2GroupID=resource,o=glue> with scope subtree

# filter: objectclass=GLUE2Endpoint

# requesting: ALL

#

# test30.egi.cesga.es\_organ.glite.Argus\_1527385135\_organ.glite.Argus.PAP\_11974634  
73, test30.egi.cesga.es\_organ.glite.Argus\_1527385135, resource, glue  
dn: GLUE2EndpointID=test30.egi.cesga.es\_organ.glite.Argus\_1527385135\_organ.glite.A  
rgus.PAP\_1197463473, GLUE2ServiceID=test30.egi.cesga.es\_organ.glite.Argus\_152738  
5135, GLUE2GroupID=resource,o=glue

GLUE2EntityValidity: 3600

GLUE2EndpointQualityLevel: production

GLUE2EndpointImplementor: glite

GLUE2EntityOtherInfo: InfoProviderName=glite-info-glue2-endpoint

GLUE2EntityOtherInfo: InfoProviderVersion=1.4

GLUE2EntityOtherInfo: InfoProviderHost=test30.egi.cesga.es

GLUE2EntityOtherInfo: ProfileName=EGI

GLUE2EntityOtherInfo: ProfileVersion=1.0

GLUE2EntityOtherInfo: OSName=Scientific

GLUE2EntityOtherInfo: OSVersion=6.3

GLUE2EntityOtherInfo: MiddlewareName=EMI

GLUE2EntityOtherInfo: MiddlewareVersion=3.0.0-1

GLUE2EntityOtherInfo: HostDN=/DC=es/DC=irisgrid/O=cesga/CN=host/test30.egi.ces  
ga.es

GLUE2EndpointCapability: security.authorization

GLUE2EndpointHealthState: critical

GLUE2EndpointServiceForeignKey: test30.egi.cesga.es\_organ.glite.Argus\_1527385135

GLUE2EntityName: PAP endpoint for Service test30.egi.cesga.es\_organ.glite.Argus\_  
1527385135

GLUE2EndpointInterfaceName: org.glite.Argus.PAP

GLUE2EndpointURL: https://test30.egi.cesga.es:8150/pap/services/ProvisioningSe  
rvice

GLUE2EndpointDowntimeInfo: See the GOC DB for downtimes: https://goc.egi.eu/

GLUE2EndpointImplementationVersion: 1.6.0

GLUE2EndpointSemantics: https://twiki.cern.ch/twiki/bin/view/EMI/ArgusEMIDocum  
entation

GLUE2EndpointIssuerCA: /DC=es/DC=irisgrid/CN=IRISGridCA

GLUE2EndpointServingState: production

GLUE2EndpointImplementationName: Argus

GLUE2EndpointStartTime: 2013-03-19T09:07:21Z

GLUE2EndpointInterfaceVersion: 1.0.0

objectClass: GLUE2Endpoint

GLUE2EndpointTrustedCA: IGTf

GLUE2EndpointID: test30.egi.cesga.es\_organ.glite.Argus\_1527385135\_organ.glite.Argu  
s.PAP\_1197463473

GLUE2EntityCreationTime: 2013-03-19T09:31:57Z

# test30.egi.cesga.es\_organ.glite.Argus\_1527385135\_organ.glite.Argus.PEP\_31950242  
23, test30.egi.cesga.es\_organ.glite.Argus\_1527385135, resource, glue

dn: GLUE2EndpointID=test30.egi.cesga.es\_organ.glite.Argus\_1527385135\_organ.glite.A

rgus.PEP\_3195024223, GLUE2ServiceID=test30.egi.cesga.es\_organ.glite.Argus\_152738

5135, GLUE2GroupID=resource,o=glue

GLUE2EntityValidity: 3600

GLUE2EndpointQualityLevel: production

GLUE2EndpointImplementor: glite

```

GLUE2EndpointHealthStateInfo: You need root privileges to run this script
GLUE2EntityOtherInfo: InfoProviderName=glite-info-glue2-endpoint
GLUE2EntityOtherInfo: InfoProviderVersion=1.4
GLUE2EntityOtherInfo: InfoProviderHost=test30.egi.cesga.es
GLUE2EntityOtherInfo: ProfileName=EGI
GLUE2EntityOtherInfo: ProfileVersion=1.0
GLUE2EntityOtherInfo: OSName=Scientific
GLUE2EntityOtherInfo: OSVersion=6.3
GLUE2EntityOtherInfo: MiddlewareName=EMI
GLUE2EntityOtherInfo: MiddlewareVersion=3.0.0-1
GLUE2EntityOtherInfo: HostDN=/DC=es/DC=irisgrid/O=cesga/CN=host/test30.egi.cesga.es
GLUE2EndpointCapability: security.authorization
GLUE2EndpointCapability: security.identitymapping
GLUE2EndpointHealthState: critical
GLUE2EndpointServiceForeignKey: test30.egi.cesga.es_org.glite.Argus_1527385135
GLUE2EntityName: PEP endpoint for Service test30.egi.cesga.es_org.glite.Argus_1527385135
GLUE2EndpointInterfaceName: org.glite.Argus.PEP
GLUE2EndpointURL: https://test30.egi.cesga.es:8154/authz
GLUE2EndpointDowntimeInfo: See the GOC DB for downtimes: https://goc.egi.eu/
GLUE2EndpointImplementationVersion: 1.6.0
GLUE2EndpointSemantics: https://twiki.cern.ch/twiki/bin/view/EMI/ArgusEMIDocumentation
GLUE2EndpointIssuerCA: /DC=es/DC=irisgrid/CN=IRISGridCA
GLUE2EndpointServingState: production
GLUE2EndpointImplementationName: Argus
GLUE2EndpointStartTime: 2013-03-19T09:07:36Z
GLUE2EndpointInterfaceVersion: 1.0.0
objectClass: GLUE2Endpoint
GLUE2EndpointTrustedCA: IGTf
GLUE2EndpointID: test30.egi.cesga.es_org.glite.Argus_1527385135_org.glite.Argus.PEP_3195024223
GLUE2EntityCreationTime: 2013-03-19T09:31:57Z

# test30.egi.cesga.es_org.glite.Argus_1527385135_org.glite.Argus.PDP_1547825216, test30.egi.cesga.es_org.glite.Argus_1527385135, resource, glue
dn: GLUE2EndpointID=test30.egi.cesga.es_org.glite.Argus_1527385135_org.glite.Argus.PDP_1547825216, GLUE2ServiceID=test30.egi.cesga.es_org.glite.Argus_1527385135, GLUE2GroupID=resource,o=glue
GLUE2EntityValidity: 3600
GLUE2EndpointQualityLevel: production
GLUE2EndpointImplementor: glite
GLUE2EndpointHealthStateInfo: You need root privileges to run this script
GLUE2EntityOtherInfo: InfoProviderName=glite-info-glue2-endpoint
GLUE2EntityOtherInfo: InfoProviderVersion=1.4
GLUE2EntityOtherInfo: InfoProviderHost=test30.egi.cesga.es
GLUE2EntityOtherInfo: ProfileName=EGI
GLUE2EntityOtherInfo: ProfileVersion=1.0
GLUE2EntityOtherInfo: OSName=Scientific
GLUE2EntityOtherInfo: OSVersion=6.3
GLUE2EntityOtherInfo: MiddlewareName=EMI
GLUE2EntityOtherInfo: MiddlewareVersion=3.0.0-1
GLUE2EntityOtherInfo: HostDN=/DC=es/DC=irisgrid/O=cesga/CN=host/test30.egi.cesga.es
GLUE2EndpointCapability: security.authorization
GLUE2EndpointHealthState: critical
GLUE2EndpointServiceForeignKey: test30.egi.cesga.es_org.glite.Argus_1527385135
GLUE2EntityName: PDP endpoint for Service test30.egi.cesga.es_org.glite.Argus_1527385135
GLUE2EndpointInterfaceName: org.glite.Argus.PDP
GLUE2EndpointURL: https://test30.egi.cesga.es:8152/authz
GLUE2EndpointDowntimeInfo: See the GOC DB for downtimes: https://goc.egi.eu/
GLUE2EndpointImplementationVersion: 1.6.0
GLUE2EndpointSemantics: https://twiki.cern.ch/twiki/bin/view/EMI/ArgusEMIDocumentation
GLUE2EndpointIssuerCA: /DC=es/DC=irisgrid/CN=IRISGridCA
GLUE2EndpointServingState: production
GLUE2EndpointImplementationName: Argus
GLUE2EndpointStartTime: 2013-03-19T09:07:29Z
GLUE2EndpointInterfaceVersion: 1.0.0
objectClass: GLUE2Endpoint
GLUE2EndpointTrustedCA: IGTf
GLUE2EndpointID: test30.egi.cesga.es_org.glite.Argus_1527385135_org.glite.Argus.PDP_1547825216
GLUE2EntityCreationTime: 2013-03-19T09:31:57Z

# search result
search: 2
result: 0 Success

# numResponses: 4
# numEntries: 3

== GENERIC_SEC_1 ==

# find / -type f -perm -002 -exec ls -l {} \; [OK]
# rpm -qalv | egrep "^[-d]([-r] [-w] [-xs]) {2} [-r]w" [OK]

= Global Banning Configuration =
Add the Global Banning PAP server from CERN as a remote PAP:

# pap-admin add-pap centralbanning argus.cern.ch "/DC=ch/DC=cern/OU=computers/CN=argus.cern.ch"
SSL authentication error. Caused by javax.net.ssl.SSLPeerUnverifiedException: peer not authenticated.

# pap-admin enable-pap centralbanning

Set centralbanning as default rule before run local rules

```



```
# pap-admin set-paps-order centralbanning default
```

```
# pap-admin refresh-cache centralbanning  
Refreshing cache for pap "centralbanning"... ok.
```

```
https://test30.egi.cesga.es:8150/pap/services is working
```

```
Create a local policy
```

```
# sh from-groupmap-to-policy.sh > my-policy-sa2.spl
```

```
# cat my-policy-sa2v2.spl  
resource "http://test30.egi.cesga.es/policy" {  
  obligation "http://glite.org/xacml/obligation/local-environment-map" {  
    action ".*" {  
      rule permit { vo = "ops" }  
      rule permit { vo = "dteam" }  
      rule permit { vo = "ops.vo.ibergrid.eu" }  
      rule permit { pfqan = "/ops/Role=lcgadmin/Capability=NULL" }  
      rule permit { pfqan = "/ops/Role=lcgadmin" }  
      rule permit { pfqan = "/ops/Role=NULL/Capability=NULL" }  
      rule permit { pfqan = "/ops" }  
      rule permit { pfqan = "/ops/Role=pilot/Capability=NULL" }  
      rule permit { pfqan = "/ops/Role=pilot" }  
      rule permit { pfqan = "/dteam/Role=lcgadmin/Capability=NULL" }  
      rule permit { pfqan = "/dteam/Role=lcgadmin" }  
      rule permit { pfqan = "/dteam/Role=production/Capability=NULL" }  
      rule permit { pfqan = "/dteam/Role=production" }  
      rule permit { pfqan = "/dteam/Role=NULL/Capability=NULL" }  
      rule permit { pfqan = "/dteam" }  
      rule permit { pfqan = "/ops.vo.ibergrid.eu/Role=VO-Admin/Capability=NULL" }  
      rule permit { pfqan = "/ops.vo.ibergrid.eu/Role=VO-Admin" }  
      rule permit { pfqan = "/ops.vo.ibergrid.eu/Role=SW-Admin/Capability=NULL" }  
      rule permit { pfqan = "/ops.vo.ibergrid.eu/Role=SW-Admin" }  
      rule permit { pfqan = "/ops.vo.ibergrid.eu/Role=Production/Capability=NULL" }  
      rule permit { pfqan = "/ops.vo.ibergrid.eu/Role=Production" }  
      rule permit { pfqan = "/ops.vo.ibergrid.eu/Role=NULL/Capability=NULL" }  
      rule permit { pfqan = "/ops.vo.ibergrid.eu" }  
    }  
  }  
}
```

```
# pap-admin add-policies-from-file my-policy-sa2v2.spl
```

```
# pap-admin lp
```

```
default (local):
```

```
resource "http://test30.egi.cesga.es/policy" {  
  obligation "http://glite.org/xacml/obligation/local-environment-map" {  
  }  
  action ".*" {  
    rule permit { vo="ops" }  
    rule permit { vo="dteam" }  
    rule permit { vo="ops.vo.ibergrid.eu" }  
    rule permit { pfqan="/ops/Role=lcgadmin/Capability=NULL" }  
    rule permit { pfqan="/ops/Role=lcgadmin" }  
    rule permit { pfqan="/ops/Role=NULL/Capability=NULL" }  
    rule permit { pfqan="/ops" }  
    rule permit { pfqan="/ops/Role=pilot/Capability=NULL" }  
    rule permit { pfqan="/ops/Role=pilot" }  
    rule permit { pfqan="/dteam/Role=lcgadmin/Capability=NULL" }  
    rule permit { pfqan="/dteam/Role=lcgadmin" }  
    rule permit { pfqan="/dteam/Role=production/Capability=NULL" }  
    rule permit { pfqan="/dteam/Role=production" }  
    rule permit { pfqan="/dteam/Role=NULL/Capability=NULL" }  
    rule permit { pfqan="/dteam" }  
    rule permit { pfqan="/ops.vo.ibergrid.eu/Role=VO-Admin/Capability=NULL" }  
    rule permit { pfqan="/ops.vo.ibergrid.eu/Role=VO-Admin" }  
    rule permit { pfqan="/ops.vo.ibergrid.eu/Role=SW-Admin/Capability=NULL" }  
    rule permit { pfqan="/ops.vo.ibergrid.eu/Role=SW-Admin" }  
    rule permit { pfqan="/ops.vo.ibergrid.eu/Role=Production/Capability=NULL" }  
    rule permit { pfqan="/ops.vo.ibergrid.eu/Role=Production" }  
    rule permit { pfqan="/ops.vo.ibergrid.eu/Role=NULL/Capability=NULL" }  
    rule permit { pfqan="/ops.vo.ibergrid.eu" }  
  }  
}
```

```
# cat my-policy-sa2v2-deny.spl
```

```
resource "http://test30.egi.cesga.es/deny" {  
  obligation "http://glite.org/xacml/obligation/local-environment-map" {  
    action ".*" {  
      rule permit { vo = "ops" }  
      rule deny { vo = "dteam" }  
      rule permit { vo = "ops.vo.ibergrid.eu" }  
      rule permit { pfqan = "/ops/Role=lcgadmin/Capability=NULL" }  
      rule permit { pfqan = "/ops/Role=lcgadmin" }  
      rule permit { pfqan = "/ops/Role=NULL/Capability=NULL" }  
      rule permit { pfqan = "/ops" }  
      rule permit { pfqan = "/ops/Role=pilot/Capability=NULL" }  
      rule permit { pfqan = "/ops/Role=pilot" }  
      rule deny { pfqan = "/dteam/Role=lcgadmin/Capability=NULL" }  
      rule deny { pfqan = "/dteam/Role=lcgadmin" }  
      rule deny { pfqan = "/dteam/Role=production/Capability=NULL" }  
    }  
  }  
}
```

```

rule deny {pfqan = "/dteam/Role=production" }
rule deny {pfqan = "/dteam/Role=NULL/Capability=NULL" }
rule deny {pfqan = "/dteam" }
rule permit {pfqan = "/ops.vo.ibergrid.eu/Role=VO-Admin/Capability=NULL" }
rule permit {pfqan = "/ops.vo.ibergrid.eu/Role=VO-Admin" }
rule permit {pfqan = "/ops.vo.ibergrid.eu/Role=SW-Admin/Capability=NULL" }
rule permit {pfqan = "/ops.vo.ibergrid.eu/Role=SW-Admin" }
rule permit {pfqan = "/ops.vo.ibergrid.eu/Role=Production/Capability=NULL" }
rule permit {pfqan = "/ops.vo.ibergrid.eu/Role=Production" }
rule permit {pfqan = "/ops.vo.ibergrid.eu/Role=NULL/Capability=NULL" }
rule permit {pfqan = "/ops.vo.ibergrid.eu" }
}
}

```

**# pap-admin add-policies-from-file my-policy-sa2v2-deny.spl**

TESTING  
=====

Modify cream configuration

# Set USE\_ARGUS to yes to enable the configuration of ARGUS

```

USE_ARGUS=yes
##USE_ARGUS=no

```

# In case ARGUS is to be used the following should be set  
# The ARGUS service PEPD endpoints as a space separated list:

```

ARGUS_PEPD_ENDPOINTS="https://test30.egi.cesga.es:8154/authz"
CREAM_PEPD_RESOURCEID="http://test30.egi.cesga.es/policy"

```

And test it using the new ARGUS

FROM UI

```

$ voms-proxy-info --all
subject : /DC=es/DC=irisgrid/O=cesga/CN=alvarosimon/CN=proxy
issuer : /DC=es/DC=irisgrid/O=cesga/CN=alvarosimon
identity : /DC=es/DC=irisgrid/O=cesga/CN=alvarosimon
type : proxy
strength : 1024 bits
path : /tmp/x509up_u500
timeleft : 11:59:56
key usage : Digital Signature, Key Encipherment, Data Encipherment
=== VO ops extension information ===
VO : ops
subject : /DC=es/DC=irisgrid/O=cesga/CN=alvarosimon
issuer : /DC=ch/DC=cern/OU=computers/CN=voms.cern.ch
attribute : /ops/Role=NULL/Capability=NULL
attribute : /ops/NGI/Role=NULL/Capability=NULL
attribute : /ops/NGI/Spain/Role=NULL/Capability=NULL
timeleft : 11:59:57
uri : voms.cern.ch:15009

```

```

$ glite-ce-delegate-proxy -e test06.egi.cesga.es asimon1
Proxy with delegation id [asimon1] succesfully delegated to endpoint [test06.egi.cesga.es]
[asimon@test13 ~]$ glite-ce-proxy-renew -e test06.egi.cesga.es asimon1
Proxy with delegation id [asimon1] succesfully renewed to endpoint [test06.egi.cesga.es]

```

```

$ glite-ce-job-submit -D asimon1 -r test06.egi.cesga.es:8443/cream-pbs-GRID_ops testCREAM.jdl
https://test06.egi.cesga.es:8443/CREAM238298093

```

**\$ glite-ce-job-status -L 2 https://test06.egi.cesga.es:8443/CREAM238298093**

```

***** JobID=[https://test06.egi.cesga.es:8443/CREAM238298093]
Current Status = [DONE-OK]
Working Dir = [[reserved]]
ExitCode = [0]
Grid JobID = [N/A]
LRMS Abs JobID = [[reserved]]
LRMS JobID = [[reserved]]
Deleg Proxy ID = [asimon1]
DelegProxyInfo = [[ isRFC="false"; valid from="3/20/13 12:19 PM (GMT)"; valid to="3/20/13 9:29 PM (GMT)";
holder DN="CN=alvarosimon,O=cesga,DC=irisgrid,DC=es"; holder AC
issuer="CN=proxy,CN=proxy,CN=alvarosimon,O=cesga,DC=irisgrid,DC=es"; VO="ops"; AC
issuer="CN=voms.cern.ch,OU=computers,DC=cern,DC=ch"; VOMS attributes={ /ops/Role=NULL/Capability=NULL,
/ops/NGI/Role=NULL/Capability=NULL, /ops/NGI/Spain/Role=NULL/Capability=NULL } ]]
Worker Node = [test15.egi.cesga.es]
Local User = [ops026]
CREAM ISB URI =
[gsiftp://test06.egi.cesga.es/var/cream_sandbox/ops/CN_alvarosimon_O_cesga_DC_irisgrid_DC_es_ops_Role_NULL_Capability_NULL_ops026/23/CREAM238298093/ISB]
CREAM OSB URI =
[gsiftp://test06.egi.cesga.es/var/cream_sandbox/ops/CN_alvarosimon_O_cesga_DC_irisgrid_DC_es_ops_Role_NULL_Capability_NULL_ops026/23/CREAM238298093/OSB]
JDL = [[ StdOutput = "test1xx.out"; BatchSystem = "pbs"; QueueName = "GRID_ops"; Executable =
"/bin/hostname"; OutputSandboxBaseDestUri = "gsiftp://se2.egi.cesga.es/tmp"; OutputSandbox =
{ "test1xx.out","test1xx.err" }; StdError = "test1xx.err" ]]
Type = [normal]

Job status changes:

```

```
-----  
Status      = [REGISTERED] - [Wed 20 Mar 2013 13:25:47] (1363782347)  
Status      = [PENDING] - [Wed 20 Mar 2013 13:25:48] (1363782348)  
Status      = [RUNNING] - [Wed 20 Mar 2013 13:25:51] (1363782351)  
Status      = [REALLY-RUNNING] - [Wed 20 Mar 2013 13:25:51] (1363782351)  
Status      = [DONE-OK] - [Wed 20 Mar 2013 13:25:53] (1363782353)
```

Issued Commands:

-----

```
*** Command Name      = [JOB_REGISTER]  
Command Category     = [JOB_MANAGEMENT]  
Command Status       = [SUCCESSFULL]  
Creation Time        = [Wed 20 Mar 2013 13:25:47] (1363782347)  
Start Scheduling Time = [Wed 20 Mar 2013 13:25:47] (1363782347)  
Start Processing Time = [Wed 20 Mar 2013 13:25:47] (1363782347)  
Execution Completed Time = [Wed 20 Mar 2013 13:25:47] (1363782347)
```

```
*** Command Name      = [JOB_START]  
Command Category     = [JOB_MANAGEMENT]  
Command Status       = [CREATED]  
Creation Time        = [Wed 20 Mar 2013 13:25:48] (1363782348)  
Start Scheduling Time = [Wed 20 Mar 2013 13:25:48] (1363782348)  
Start Processing Time = [Wed 20 Mar 2013 13:25:48] (1363782348)
```

**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:**