

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

Name of the component	WMS		
Release	<b>EMI.argus.sl5.x86_64-1.6.1</b>	RT Ticket	#5411
Software Provider	EMI		
Release Contact	Name:	E-Mail	
	Cristina Aiftimei	cristina.aiftimei@pd.infn.it	
Validator	Name:	E-Mail	
	Esteban Freire García	esfreire@cesga.es	
V. Hours Worked	5h		
Component status	<b>Accepted</b>	Date	
Verification start date	29/05/13	Verification end date	11/06/13

**Summary of Quality Criteria verification:**

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
<b>TP</b>				
<b>VLD</b>	14	0	0	14
	Specific Quality Criteria			
<b>TP</b>				
<b>VLD</b>	6	0	0	6

Summary:

**EMI.argus.sl5.x86\_64-1.6.1 was installed from scratch without any important issue.**

## Quality Criteria verification cheatsheet:

Criteria	Accepted	Tested	(Comments
<b>DOCUMENTATION QC</b>			
GENERIC_DOC_1 (Functional Description)	Y	VLD	<a href="https://twiki.cem.ch/twiki/bin/view/EGEE/ArgusEMIDeployment">https://twiki.cem.ch/twiki/bin/view/EGEE/ArgusEMIDeployment</a>
GENERIC_DOC_2 (Release Notes)	Y	VLD	<a href="https://twiki.cem.ch/twiki/bin/view/EMI/EMI2Final#ARGUS_v_1_5_0_task_23307">https://twiki.cem.ch/twiki/bin/view/EMI/EMI2Final#ARGUS_v_1_5_0_task_23307</a>
GENERIC_DOC_3 (User Documentation)	Y	VLD	<a href="https://twiki.cem.ch/twiki/bin/view/EGEE/ArgusEMIDeployment">https://twiki.cem.ch/twiki/bin/view/EGEE/ArgusEMIDeployment</a>
GENERIC_DOC_4 (Online help (man pages))	Optional		
GENERIC_DOC_5 (API Documentation)	Optional		
GENERIC_DOC_6 (Administrator Documentation)	Y	VLD	<a href="https://twiki.cem.ch/twiki/pub/EMI/ArgusEMIDocumentation/EMI-Argus-SysAdminGuide-1.1.0.pdf">https://twiki.cem.ch/twiki/pub/EMI/ArgusEMIDocumentation/EMI-Argus-SysAdminGuide-1.1.0.pdf</a>
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	<a href="https://twiki.cem.ch/twiki/bin/view/EMI/ArgusSRC">https://twiki.cem.ch/twiki/bin/view/EMI/ArgusSRC</a>
GENERIC_DOC_8 (Software License)			
GENERIC_DOC_9 (Release changes text)	Y	VLD	<a href="https://twiki.cem.ch/twiki/bin/view/EMI/EMI2Final#ARGUS_v_1_5_0_task_23307">https://twiki.cem.ch/twiki/bin/view/EMI/EMI2Final#ARGUS_v_1_5_0_task_23307</a>
<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)			
GENERIC_SOFT_2 (New features testing)	Y	VLD	Read ex summary
<b>SERVICE CRITERIA QC</b>			
GENERIC_SERVICE_1 (Service control)	Y	VLD	Read ex summary
GENERIC_SERVICE_2 (Log Files)	Y	VLD	Read ex summary
GENERIC_SERVICE_3 (Service Reliability)	Optional		
GENERIC_SERVICE_4 (Service Robustness)	Optional		
GENERIC_SERVICE_5 (Automatic Configuration)	Optional		
GENERIC_SERVICE_6 (Default Passwords)	Y	VLD	Read ex summary
<b>SECURITY QC</b>			
GENERIC_SEC_1 (World Writable Files)	Y	VLD	Read ex summary
GENERIC_SEC_3 (Passwords in world)	Y	VLD	Read ex summary
<b>MISCELLANEOUS QC</b>			
GENERIC_MISC_2 (Bug Tracking System)			
<b>AUTHENTICATION QC</b>			
AUTHN_IFACE_1 (X.509 Certificate support)	Y	VLD	Read ex summary
AUTHN_IFACE_2 (SAML authentication)	Optional		
<b>AUTHORISATION QC</b>			
AUTHZ_MGMT_1 (Policy Listing)	Y	VLD	Read ex summary
AUTHZ_MGMT_2 (Policy Repositories)	Y	VLD	Read ex summary
AUTHZ_PCYDEF_1 ((un) Banning Policies)			
AUTHZ_PCYDEF_2 (Policy Definition Files)			
AUTHZ_PCYDEF_3 (Ban User/FQAN)			
AUTHZ_PCYDEF_4 (Allowed users definitions)	Y	VLD	Read ex summary
AUTHZ_PDP_1 (XACML Interface)			
AUTHZ_PEP_1 (Policy Enforcement)	Y	VLD	Read ex summary
AUTHZ_PEP_2 (User Mapping)	Y	VLD	Read ex summary
<b>MONITORING PROBES QC</b>			
MON_PROBE_GENERIC_1 (Certificate)	Optional		
MON_PROBE_GENERIC_2 (Service Probe)	Optional		

**Validator comments:**

\* RT ticket, <https://rt.egi.eu/rt/Ticket/Display.html?id=5411>

\* Repo used

{{{

```
[root@test30 yum.repos.d]# cat EMI.argus.sl5.x86_64.repo
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -
(5411,1046,971)
```

```
[EMI.argus.sl5.x86_64]
name=EMI.argus.sl5.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-3.emi.argus.sl5.x86_64/1/6/1/
enabled=1
protect=1
priority=1
gpgcheck=1
gpgkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emi
}}}
```

== Installation

\* Yum install fetch-crl

{{{

```
=====
=====
=====
```

Package Repository	Arch Size	Version
-----------------------	--------------	---------

```
=====
Installing:
fetch-crl                noarch                2.8.5-1.el5
epel                     24 k
```

Transaction Summary

```
=====
=====
=====
```

}}}

\* run it immediately (it can take some time...)



giflib	x86_64	4.1.3-7.3.3.el5
sl-base	39 k	
glite-info-provider-service	noarch	1.12.0-1.el5
EMI.argus.sl5.x86_64	67 k	
glite-yaim-bdii	noarch	4.3.13-1.el5
EMI.argus.sl5.x86_64	11 k	
glite-yaim-core	noarch	5.1.2-1.sl5
EMI.argus.sl5.x86_64	118 k	
glue-schema	noarch	2.0.10-1.el5
EMI.argus.sl5.x86_64	34 k	
jakarta-commons-io	noarch	1.4-3.el5
epel	105 k	
java-1.6.0-openjdk	x86_64	1:1.6.0.0-
1.40.1.11.11.el5_9	sl-security	36 M
lcg-expiregridmapdir	noarch	3.0.1-1
EMI.argus.sl5.x86_64	6.6 k	
lib64ldap2.4_2	x86_64	2.4.22-1.el5
EMI.argus.sl5.x86_64	300 k	
libtool-ltdl	x86_64	1.5.22-7.el5_4
sl-base	38 k	
openldap-clients	x86_64	2.3.43-25.el5_8.1
sl-base	224 k	
openldap-servers	x86_64	2.3.43-25.el5_8.1
sl-base	2.2 M	
openldap2.4	x86_64	2.4.22-1.el5
EMI.argus.sl5.x86_64	40 k	
openldap2.4-clients	x86_64	2.4.22-1.el5
EMI.argus.sl5.x86_64	298 k	
openldap2.4-extra-schemas	noarch	1.3-10.el5
EMI.argus.sl5.x86_64	46 k	
openldap2.4-servers	x86_64	2.4.22-1.el5
EMI.argus.sl5.x86_64	2.1 M	
tzdata-java	x86_64	2013c-1.el5
sl-security	185 k	
unixODBC-libs	x86_64	2.2.11-10.el5
sl-base	554 k	
voms-api-java3	noarch	3.0.0-1.el5
EMI.argus.sl5.x86_64	120 k	
yaim-argus_server	noarch	1.6.0-1.el5
EMI.argus.sl5.x86_64	15 k	

### Transaction Summary

```

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}}}

```

== YAIM configuration ==

```

* Site-info used
{{{
[root@test30 etc]# cat site-info.def
# YAIM example site configuration file - adapt it to your site!

#####
# CE configuration variables #
#####

# Argus service hostname
ARGUS_HOST=test30.egi.cesga.es
WMS_HOST=test22.egi.cesga.es
LB_HOST=test22.egi.cesga.es
BDII_HOST=topbdii02.ncg.ingrid.pt
SITE_BDII_HOST=sbdii02.ncg.ingrid.pt
##LFC_HOST=lx7607.cern.ch
PX_HOST=myproxy.egi.cesga.es
MON_HOST=test07.egi.cesga.es

YAIM_LOGGING_LEVEL=DEBUG

#####
# Site configuration variables #
#####

SITE_EMAIL=egee-admin@cesga.es

SITE_NAME=CESGA
SITE_LOC="Santiago de Compostela, Spain"
SITE_LAT=42.875558      #42.8757 # -90 to 90 degrees
SITE_LONG=-8.553147    #-8.5536 # -180 to 180 degrees

# PAP administrator DN allowed to use 'pap-admin' command
PAP_ADMIN_DN="/DC=es/DC=irisgrid/O=cesga/CN=esteban.freire"
##PAP_ADMIN_DN="/DC=es/DC=irisgrid/O=cesga/CN=alvarosimon"

# These variables tell YAIM where to find additional configuration files.
###WN_LIST=/opt/glite/yaim/etc/wn-list.conf
USERS_CONF=/opt/glite/yaim/etc/users.conf
GROUPS_CONF=/opt/glite/yaim/etc/groups.conf
###FUNCTIONS_DIR=/opt/glite/yaim/functions

#####
# SubCluster configuration #
#####
# Architecture and environment specific settings

```

```
CE_CPU_MODEL=Opteron
CE_CPU_VENDOR=amd
CE_CPU_SPEED=2200
```

```
CE_OS="ScientificSL" # Forma correcta
CE_OS_RELEASE=5.5
CE_OS_VERSION="Boron"
```

```
#New variables
```

```
CE_PHYSCPU=2
CE_LOGCPU=2
CE_OS_ARCH=x86_64
CE_CAPABILITY="CPUScalingReferenceSI00=2395"
CE_OTHERDESCR="Cores=24,Benchmark=9.58-HEP-SPEC06"
SE_MOUNT_INFO_LIST="none"
CE_SI00=2395
```

```
CE_MINPHYSMEM=524
CE_MINVIRTMEM=512
CE_SMPSIZE=2
CE_SF00=1714
CE_OUTBOUNDIP=TRUE
CE_INBOUNDIP=FALSE
CE_RUNTIMEENV="
```

```
  LCG-2
  LCG-2_1_0
  LCG-2_1_1
  LCG-2_2_0
  LCG-2_3_0
  LCG-2_3_1
  LCG-2_4_0
  LCG-2_5_0
  LCG-2_6_0
  LCG-2_7_0
  GLITE-3_0_0
  GLITE-3_0_2
  GLITE-3_1_0
  R-GMA
```

```
"
```

```
# VOS="atlas alice lhcb cms dteam biomed"
# Space separated list of supported VOs by your site
VOS="ops dteam ops.vo.ibergrid.eu"
QUEUES="GRID_ops GRID_dteam GRID_opsibeu"
VO_SW_DIR=/opt/exp_soft
```

```
#New in Yaim 3.0.1
```

```
GRID_OPS_GROUP_ENABLE="ops /VO=ops/GROUP=/ops/ROLE=lcgadmin"
```

```
GRID_DTEAM_GROUP_ENABLE="dteam
/VO=dteam/GROUP=/dteam/ROLE=lcgadmin"
GRID_OPSIBEU_GROUP_ENABLE="ops.vo.ibergrid.eu
/VO=ops.vo.ibergrid.eu/GROUP=/ops.vo.ibergrid.eu/ROLE=VO-Admin
/VO=ops.vo.ibergrid.eu/GROUP=/ops.vo.ibergrid.eu/ROLE=Production"
#GRID_IBERIBEU_GROUP_ENABLE="iber.vo.ibergrid.eu
/VO=iber.vo.ibergrid.eu/GROUP=/iber.vo.ibergrid.eu/ROLE=VO-Admin
/VO=iber.vo.ibergrid.eu/GROUP=/iber.vo.ibergrid.eu/ROLE=Production"
```

```
#:
#dteam
#:
VO_DTEAM_SW_DIR=$VO_SW_DIR/dteam
VO_DTEAM_DEFAULT_SE=$DPM_HOST
VO_DTEAM_STORAGE_DIR=$CLASSIC_STORAGE_DIR/dteam
VO_DTEAM_QUEUES="GRID_small"
#New conf (https://wiki.egi.eu/wiki/Dteam\_vo)
VO_DTEAM_VOMS_SERVERS='vomss://voms.hellasgrid.gr:8443/voms/dteam?/dteam/'
VO_DTEAM_VOMSES=""dteam lcg-voms.cern.ch 15004
/DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch dteam 24' 'dteam voms.cern.ch
15004 /DC=ch/DC=cern/OU=computers/CN=voms.cern.ch dteam 24' 'dteam
voms.hellasgrid.gr 15004
/C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms.hellasgrid.gr dteam 24' 'dteam
voms2.hellasgrid.gr 15004
/C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms2.hellasgrid.gr dteam 24'"
VO_DTEAM_VOMS_CA_DN=""/DC=ch/DC=cern/CN=CERN Trusted Certification
Authority' '/DC=ch/DC=cern/CN=CERN Trusted Certification Authority'
'/C=GR/O=HellasGrid/OU=Certification Authorities/CN=HellasGrid CA 2006'
'/C=GR/O=HellasGrid/OU=Certification Authorities/CN=HellasGrid CA 2006'"
```

```
#:
#ops
#:
VO_OPS_SW_DIR=$VO_SW_DIR/ops
VO_OPS_DEFAULT_SE=$DPM_HOST
VO_OPS_STORAGE_DIR=$CLASSIC_STORAGE_DIR/ops
VO_OPS_QUEUES="GRID_ops"
VO_OPS_VOMS_SERVERS=""vomss://voms.cern.ch:8443/voms/ops?/ops/"
VO_OPS_VOMSES=""ops voms.cern.ch 15009
/DC=ch/DC=cern/OU=computers/CN=voms.cern.ch ops' 'ops lcg-voms.cern.ch
15009 /DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch ops'"
VO_OPS_VOMS_CA_DN=""/DC=ch/DC=cern/CN=CERN Trusted Certification
Authority' '/DC=ch/DC=cern/CN=CERN Trusted Certification Authority'"
```

```
## IBERGRID VOS ##
# ops.vo.ibergrid.eu
```



```

#VO_OPS_VO_IBERGRID_EU_SW_DIR=$VO_SW_DIR/opsibeu
#VO_OPS_VO_IBERGRID_EU_DEFAULT_SE=$DPM_HOST
#VO_OPS_VO_IBERGRID_EU_STORAGE_DIR=$CLASSIC_STORAGE_DIR/opsibeu
#VO_OPS_VO_IBERGRID_EU_QUEUES="GRID_opsibeu"
#VO_OPS_VO_IBERGRID_EU_VOMS_SERVERS=""vomss://voms02.ncg.ingrid.pt:8443/voms/ops.vo.ibergrid.eu?/ops.vo.ibergrid.eu"
#VO_OPS_VO_IBERGRID_EU_VOMSES=""ops.vo.ibergrid.eu voms02.ncg.ingrid.pt 40001 /C=PT/O=LIPCA/O=LIP/OU=Lisboa/CN=voms02.ncg.ingrid.pt ops.vo.ibergrid.eu"
#VO_OPS_VO_IBERGRID_EU_VOMS_CA_DN=""/C=PT/O=LIPCA/CN=LIP Certification Authority"
VO_OPS_VO_IBERGRID_EU_SW_DIR=$VO_SW_DIR/opsibeu
VO_OPS_VO_IBERGRID_EU_DEFAULT_SE=$DPM_HOST
VO_OPS_VO_IBERGRID_EU_STORAGE_DIR=$CLASSIC_STORAGE_DIR/opsibeu
VO_OPS_VO_IBERGRID_EU_QUEUES="GRID_opsibeu"
VO_OPS_VO_IBERGRID_EU_VOMS_SERVERS=""vomss://test10.egi.cesga.es:8443/voms/ops.vo.ibergrid.eu"
#VO_OPS_VO_IBERGRID_EU_VOMSES=""ops.vo.ibergrid.eu test10.egi.cesga.es 15000 /DC=es/DC=irisgrid/O=rediris-test-egi-cesga-sha-2/CN=test10.egi.cesga.es ops.vo.ibergrid.eu"
VO_OPS_VO_IBERGRID_EU_VOMSES=""ops.vo.ibergrid.eu test10.egi.cesga.es 15000 /DC=es/DC=irisgrid/O=cesga/CN=host/test10.egi.cesga.es ops.vo.ibergrid.eu"
VO_OPS_VO_IBERGRID_EU_VOMS_CA_DN=""/DC=es/DC=irisgrid/CN=IRISGrid CA"

```

```

# iber.vo.ibergrid.eu
#VO_IBER_VO_IBERGRID_EU_SW_DIR=$VO_SW_DIR/iberibeu
#VO_IBER_VO_IBERGRID_EU_DEFAULT_SE=$DPM_HOST
#VO_IBER_VO_IBERGRID_EU_STORAGE_DIR=$CLASSIC_STORAGE_DIR/iberibeu
#VO_IBER_VO_IBERGRID_EU_QUEUES="GRID_iberibeu"
#VO_IBER_VO_IBERGRID_EU_VOMS_SERVERS=""vomss://voms02.ncg.ingrid.pt:8443/voms/iber.vo.ibergrid.eu?/iber.vo.ibergrid.eu"
#VO_IBER_VO_IBERGRID_EU_VOMSES=""iber.vo.ibergrid.eu voms02.ncg.ingrid.pt 40003 /C=PT/O=LIPCA/O=LIP/OU=Lisboa/CN=voms02.ncg.ingrid.pt iber.vo.ibergrid.eu"
#VO_IBER_VO_IBERGRID_EU_VOMS_CA_DN=""/C=PT/O=LIPCA/CN=LIP Certification Authority"

```

```

}}}
```

```

* Configuration
```

```

{{{
[root@test30 etc]# /opt/glite/yaim/bin/yaim -c -s site-info.def -n ARGUS_server
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: test30.egi.cesga.es  
DEBUG: Sourcing /opt/glite/yaim/bin/./defaults/site-info.pre  
DEBUG: Sourcing /opt/glite/yaim/bin/./defaults/glite-argus\_server.pre  
INFO: Using site configuration file: site-info.def  
DEBUG: Sourcing site-info.def file: site-info.def  
DEBUG: Sourcing /opt/glite/yaim/bin/./defaults/site-info.post  
DEBUG: Sourcing /opt/glite/yaim/bin/./defaults/glite-argus\_server.post  
DEBUG: Sourcing /opt/glite/yaim/bin/./defaults/mapping  
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: Jun 11 09:49 site-info.def  
yaim command: -c -s site-info.def -n ARGUS\_server  
log file: /opt/glite/yaim/bin/./log/yaimlog  
Tue Jun 11 09:57:48 CEST 2013 : /opt/glite/yaim/bin/yaim

Installed YAIM versions:  
yaim-argus-server 1.6.0-1  
glite-yaim-bdii 4.3.13-1  
glite-yaim-core 5.1.2-1

#####

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  
DEBUG: Detect platform: OS flavour detected is: "Scientific Linux release 5.9 (Boron)"  
DEBUG: Detected architecture is 64BIT

DEBUG: Detect platform: OS type detected: sl5  
DEBUG: Resulted NODE\_TYPE\_LIST is : ARGUS\_server  
DEBUG: Setting environment variable GRID\_ENV\_LOCATION, to value  
"/usr/libexec".  
DEBUG: Unset environment variable GRID\_ENV\_LOCATION.  
DEBUG: Setting environment variable LCG\_LOCATION, to value "/usr".  
DEBUG: Unset environment variable LCG\_LOCATION.  
DEBUG: Setting environment variable GLITE\_LOCATION, to value "/usr".  
DEBUG: Unset environment variable GLITE\_LOCATION.  
DEBUG: Setting environment variable GLITE\_LOCATION\_VAR, to value "/var".  
DEBUG: Unset environment variable GLITE\_LOCATION\_VAR.  
DEBUG: Appending value "/bin" to environment variable PATH.  
DEBUG: Deleting value "/bin" from environment variable PATH.  
DEBUG: Appending value "/opt/glite/share/man" to environment variable  
MANPATH.  
DEBUG: Deleting value "/opt/glite/share/man" from environment variable  
MANPATH.  
DEBUG: Sourcing node definition file: /opt/glite/yaim/bin/./node-info.d/glite-  
argus\_server  
INFO: Executing function: config\_host\_certs\_check  
INFO: Executing function: config\_edgusers\_check  
INFO: Executing function: config\_vomsmmap\_check  
INFO: Executing function: config\_vomsdir\_check  
INFO: Executing function: config\_pap\_service\_check  
INFO: Executing function: config\_pdp\_service\_check  
INFO: Executing function: config\_pep\_service\_check  
INFO: Executing function: config\_info\_glue2\_service\_argus\_check  
INFO: Executing function: config\_bdii\_5.2\_check  
DEBUG: Skipping function: config\_host\_certs\_setenv because it is not defined  
INFO: Executing function: config\_host\_certs  
DEBUG: Skipping function: config\_edgusers\_setenv because it is not defined  
INFO: Executing function: config\_edgusers  
DEBUG: Creating user edguser...  
DEBUG: User edguser doesn't exist  
DEBUG: YAIM is going to add user edguser  
DEBUG: HOME directory \${EDG\_HOME\_DIR} is specified for the user  
DEBUG: Checking whether the group edguser infosys for user edguser already exist...  
DEBUG: Group edguser added  
DEBUG: Group infosys added  
DEBUG: User edguser added  
DEBUG: Creating user edginfo...  
DEBUG: User edginfo doesn't exist  
DEBUG: YAIM is going to add user edginfo  
DEBUG: HOME directory \${EDGINFO\_HOME\_DIR} is specified for the user  
DEBUG: Checking whether the group edginfo infosys for user edginfo already exist...  
DEBUG: Group edginfo added  
DEBUG: Group infosys added  
DEBUG: User edginfo added  
DEBUG: Creating user glite...  
DEBUG: User glite doesn't exist

DEBUG: YAIM is going to add user glite  
DEBUG: HOME directory \${GLITE\_HOME\_DIR} is specified for the user  
DEBUG: Checking whether the group glite for user glite already exist...  
DEBUG: Group glite added  
DEBUG: User glite added  
DEBUG: Creating user edguser...  
DEBUG: Skipping user edguser since it already exists...  
INFO: Executing function: config\_vomsmap\_setenv  
DEBUG: Setting environment variable GRIDMAPDIR, to value "/etc/grid-security/gridmapdir".  
DEBUG: Unset environment variable GRIDMAPDIR.  
INFO: Executing function: config\_vomsmap  
INFO: Creating grid-map directory in /etc/grid-security/gridmapdir  
INFO: Creating voms grid-map file in /etc/grid-security/voms-grid-mapfile  
INFO: Creating voms groupmap file in /etc/grid-security/groupmapfile  
DEBUG: \*\*\*\* VO OPS \*\*\*\*  
DEBUG: create gridmapdir files  
DEBUG: \*\*\*\* VO DTEAM \*\*\*\*  
DEBUG: create gridmapdir files  
DEBUG: \*\*\*\* VO OPS.VO.IBERGRID.EU \*\*\*\*  
DEBUG: create gridmapdir files  
INFO: Copying the /etc/grid-security/voms-grid-mapfile in the standard location  
/etc/grid-security/grid-mapfile  
INFO: Executing function: config\_vomsdir\_setenv  
DEBUG: This function currently doesn't set any environment variables.  
INFO: Executing function: config\_vomsdir  
INFO: Create the /etc/grid-security/vomsdir/ directory  
DEBUG: .lsc file configuration for VO ops...  
DEBUG: Create the /etc/grid-security/vomsdir/ops directory  
DEBUG: Create the /etc/grid-security/vomsdir/ops/voms.cern.ch.lsc  
DEBUG: Copying /DC=ch/DC=cern/OU=computers/CN=voms.cern.ch in /etc/grid-security/vomsdir/ops/voms.cern.ch.lsc  
DEBUG: Create the /etc/grid-security/vomsdir/ops/lcg-voms.cern.ch.lsc  
DEBUG: Copying /DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch in /etc/grid-security/vomsdir/ops/lcg-voms.cern.ch.lsc  
DEBUG: Copying the voms.cern.ch CA DN /DC=ch/DC=cern/CN=CERN Trusted Certification Authority in /etc/grid-security/vomsdir/ops/voms.cern.ch.lsc  
DEBUG: Copying the lcg-voms.cern.ch CA DN /DC=ch/DC=cern/CN=CERN Trusted Certification Authority in /etc/grid-security/vomsdir/ops/lcg-voms.cern.ch.lsc  
DEBUG: .lsc file configuration for VO dteam...  
DEBUG: Create the /etc/grid-security/vomsdir/dteam directory  
DEBUG: Create the /etc/grid-security/vomsdir/dteam/lcg-voms.cern.ch.lsc  
DEBUG: Copying /DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch in /etc/grid-security/vomsdir/dteam/lcg-voms.cern.ch.lsc  
DEBUG: Create the /etc/grid-security/vomsdir/dteam/voms.cern.ch.lsc  
DEBUG: Copying /DC=ch/DC=cern/OU=computers/CN=voms.cern.ch in /etc/grid-security/vomsdir/dteam/voms.cern.ch.lsc  
DEBUG: Create the /etc/grid-security/vomsdir/dteam/voms.hellasgrid.gr.lsc  
DEBUG: Copying /C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms.hellasgrid.gr in /etc/grid-security/vomsdir/dteam/voms.hellasgrid.gr.lsc

DEBUG: Create the /etc/grid-security/vomsdir/dteam/voms2.hellasgrid.gr.lsc  
DEBUG: Copying /C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms2.hellasgrid.gr  
in /etc/grid-security/vomsdir/dteam/voms2.hellasgrid.gr.lsc  
DEBUG: Copying the lcg-voms.cern.ch CA DN /DC=ch/DC=cern/CN=CERN  
Trusted Certification Authority in /etc/grid-security/vomsdir/dteam/lcg-voms.cern.ch.lsc  
DEBUG: Copying the voms.cern.ch CA DN /DC=ch/DC=cern/CN=CERN Trusted  
Certification Authority in /etc/grid-security/vomsdir/dteam/voms.cern.ch.lsc  
DEBUG: Copying the voms.hellasgrid.gr CA DN  
/C=GR/O=HellasGrid/OU=Certification Authorities/CN=HellasGrid CA 2006 in  
/etc/grid-security/vomsdir/dteam/voms.hellasgrid.gr.lsc  
DEBUG: Copying the voms2.hellasgrid.gr CA DN  
/C=GR/O=HellasGrid/OU=Certification Authorities/CN=HellasGrid CA 2006 in  
/etc/grid-security/vomsdir/dteam/voms2.hellasgrid.gr.lsc  
DEBUG: .lsc file configuration for VO ops.vo.ibergrid.eu...  
DEBUG: Create the /etc/grid-security/vomsdir/ops.vo.ibergrid.eu directory  
DEBUG: Create the /etc/grid-  
security/vomsdir/ops.vo.ibergrid.eu/test10.egi.cesga.es.lsc  
DEBUG: Copying /DC=es/DC=irisgrid/O=cesga/CN=host/test10.egi.cesga.es in  
/etc/grid-security/vomsdir/ops.vo.ibergrid.eu/test10.egi.cesga.es.lsc  
DEBUG: Copying the test10.egi.cesga.es CA DN  
/DC=es/DC=irisgrid/CN=IRISGridCA in /etc/grid-  
security/vomsdir/ops.vo.ibergrid.eu/test10.egi.cesga.es.lsc  
INFO: Executing function: config\_pap\_service\_setenv  
DEBUG: No environment setting  
INFO: Executing function: config\_pap\_service  
DEBUG: Checking whether PAP is actually installed  
INFO: Stopping Argus PAP service...  
PAP server is not running!  
DEBUG: Making a backup copy of the configuration files  
INFO: Create the Argus PAP /usr/share/argus/pap/conf/pap\_configuration.ini file  
DEBUG: Retrieving the DN of the host certificate  
INFO: Create the Argus PAP /usr/share/argus/pap/conf/pap\_authorization.ini file  
INFO: Create the Argus PAP /usr/share/argus/pap/conf/pap-admin.properties file  
INFO: Fixing files and directory permissions in /usr/share/argus/pap  
INFO: Starting Argus PAP service...  
INFO: Executing function: config\_pdp\_service\_setenv  
DEBUG: No environment setting  
INFO: Executing function: config\_pdp\_service  
DEBUG: Checking whether PDP is actually installed  
INFO: Stopping Argus PDP service...  
Unable to connect to localhost:8153, perhaps the service is not running  
DEBUG: Making a backup copy of the configuration files  
INFO: Create the Argus PDP /etc/argus/pdp/pdp.ini file  
INFO: Fixing files and directory permissions  
INFO: Register /etc/init.d/argus-pdp...  
INFO: Starting Argus PDP service...  
Starting argus-pdp... [ OK ]  
INFO: Executing function: config\_pep\_service\_setenv  
DEBUG: No environment setting  
INFO: Executing function: config\_pep\_service

```
DEBUG: Checking whether PEP is actually installed
INFO: Stopping Argus PEP Server service...
Unable to connect to localhost:8155, perhaps the service is not running
DEBUG: Making a backup copy of the configuration files
INFO: Create the Argus PEP Server /etc/argus/pepd/pepd.ini file
INFO: Fixing files and directory permissions in /usr/share/argus/pepd
INFO: Starting Argus PEP Server service...
Starting argus-pepd... [ OK ]
INFO: Executing function: config_info_glue2_service_argus_setenv
DEBUG: No environment setting
INFO: Executing function: config_info_glue2_service_argus
DEBUG: Create /etc/argus/info-glue2 directory
DEBUG: Create endpoint /etc/argus/info-glue2/glite-info-glue2-argus-pap.conf
DEBUG: Create endpoint /etc/argus/info-glue2/glite-info-glue2-argus-pdp.conf
DEBUG: Fixing wrong PDP 'GLUE2EndpointURL: http://localhost:8152/authz'
DEBUG: Create endpoint /etc/argus/info-glue2/glite-info-glue2-argus-pep.conf
DEBUG: Create service /etc/argus/info-glue2/glite-info-glue2-service-argus.conf
DEBUG: Create the /var/lib/bdii/gip/provider in case it doesn't exist
INFO: Create the GLUE2 info provider: /var/lib/bdii/gip/provider/glite-info-glue2-
provider-service-argus
DEBUG: Endpoint conf files: /etc/argus/info-glue2/glite-info-glue2-argus-
pap.conf,/etc/argus/info-glue2/glite-info-glue2-argus-pdp.conf,/etc/argus/info-
glue2/glite-info-glue2-argus-pep.conf
DEBUG: Service conf file: /etc/argus/info-glue2/glite-info-glue2-service-argus.conf
file
DEBUG: Create README in /etc/argus/info-glue2
DEBUG: Skipping function: config_bdii_5.2_setenv because it is not defined
INFO: Executing function: config_bdii_5.2
Stopping BDII: BDII already stopped
Starting BDII slapd: [ OK ]
Starting BDII update process: [ OK ]
INFO: Configuration Complete. [ OK ]
INFO: YAIME terminated successfully.
[root@test30 etc]#
}}}
```

== Testing ==

=== Checking the main daemons (OK) =====

{ { {

```
[root@test30 etc]# /etc/init.d/argus-pap status
PAP running!
```

```
[root@test30 grid-security]# /etc/init.d/argus-pdp status
argus-pdp is running..
```

```
[root@test30 grid-security]# /etc/init.d/argus-pepd status
argus-pepd is running...
```

} } }

{ { {

```
[root@test30 etc]# /usr/sbin/papctl status
PAP running!
}}
```

\* Adding new policies

```
{
{
{
[root@test30 etc]# pap-admin add-policies-from-file my-policy-sa2v2.spl
[root@test30 etc]# pap-admin add-policies-from-file my-policy-sa2v2-deny.spl
[root@test30 etc]#
}}
```

```
{
{
{
[root@test30 etc]# 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" }
  }
}

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" }
}
}
[root@test30 etc]#

}}}}

```

==== Access through http (OK) =====

\* Connect to <https://test30.egi.cesga.es:8150/pap/services> is working

==== Trying some tests =====

===== Submitting jobs from the an UI in Production as OPS SGM user =====

{{{

- First test with sgm Role for OPS VO (OK):

```

[esfreire@test13 ~]$ voms-proxy-info -all
subject  : /DC=es/DC=irisgrid/O=cesga/CN=javier-lopez/CN=proxy
issuer   : /DC=es/DC=irisgrid/O=cesga/CN=javier-lopez
identity : /DC=es/DC=irisgrid/O=cesga/CN=javier-lopez
type     : full legacy globus proxy
strength : 1024
path     : /tmp/x509up_u501
timeleft : 11:59:37

```



```
key usage : Digital Signature, Key Encipherment, Data Encipherment
=== VO ops extension information ===
VO      : ops
subject : /DC=es/DC=irisgrid/O=cesga/CN=javier-lopez
issuer  : /DC=ch/DC=cern/OU=computers/CN=lcg-voms.cern.ch
attribute : /ops/Role=lcgadmin/Capability=NULL
attribute : /ops/NGI/Role=NULL/Capability=NULL
attribute : /ops/NGI/Portugal/Role=NULL/Capability=NULL
attribute : /ops/NGI/Spain/Role=NULL/Capability=NULL
attribute : /ops/Role=NULL/Capability=NULL
timeleft : 11:59:36
uri     : lcg-voms.cern.ch:15009
```

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

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

```
[esfreire@test13 ~]$ glite-ce-job-submit -D esfreire -r test06.egi.cesga.es:8443/cream-
pbs-GRID_ops check_bug.jdl
https://test06.egi.cesga.es:8443/CREAM573148572
```

```
[esfreire@test13 ~]$ glite-ce-job-status
https://test06.egi.cesga.es:8443/CREAM573148572
```

```
***** JobID=[https://test06.egi.cesga.es:8443/CREAM573148572]
      Status    = [DONE-OK]
      ExitCode   = [0]
```

```
}}}
```

```
{{{
```

```
* Using tests from:
```

```
* http://glite.cvs.cern.ch/cgi-bin/glite.cgi/org.glite.testsuites.ctb/Argus/
}}}
```

```
===== test-list-policies.sh (OK) =====
```

```
{{{
```

```
[root@test10 tests]# ./test-list-policies.sh?revision=1.3
PAP_CTRL set to: /etc/rc.d/init.d/argus-pap
```

Wed Oct 5 10:07:17 CEST 2011

---Test-List-Policies---

1) testing list policies on an empty repository

default (local):

No policies has been found.

OK

2) testing list policies

OK

2) testing list policies with wrong pap-alias

org.glite.authz.pap.repository.exceptions.NotFoundException: Not found:

papAlias=dummy\_pap

OK

---Test-List-Polices: TEST PASSED---

Wed Oct 5 10:07:49 CEST 2011

}}}

==== test-ban-unban.sh (OK) =====

{

root@test30 tests\_verification]# ./test-list-policies.sh\?revision\=1.3

PAP\_CTRL set to: /etc/rc.d/init.d/argus-pap

Tue Jun 11 10:23:30 CEST 2013

---Test-List-Policies---

1) testing list policies on an empty repository

default (local):

No policies has been found.

OK

2) testing list policies

OK

2) testing list policies with wrong pap-alias

org.glite.authz.pap.repository.exceptions.NotFoundException: Not found:

papAlias=dummy\_pap

OK

---Test-List-Polices: TEST PASSED---

Tue Jun 11 10:24:06 CEST 2013

[root@test30 tests\_verification]# ./test-ban-unban.sh\?revision\=1.5

PAP\_CTRL set to: /etc/rc.d/init.d/argus-pap

Tue Jun 11 10:25:08 CEST 2013

---Test-BAN/UNBAN---

1) testing user ban

OK

2) testing user unban

OK

3) testing unbanning non existing subject

ban policy not found.

OK  
---Test-BAN/UNBAND: TEST PASSED---  
Tue Jun 11 10:25:23 CEST 2013  
}}}

=====  
test-ban-unban-fqan.sh (OK) =====  
{{{  
[root@test30 tests\_verification]# ./test-ban-unban-fqan.sh\?view\=co  
PAP\_CTRL set to: /etc/rc.d/init.d/argus-pap  
Tue Jun 11 10:25:53 CEST 2013  
---Test-BAN/UNBAN-FQAN---  
1) testing fqan ban  
OK  
2) testing fqan unban  
OK  
3) testing unbanning non existing fqan  
ban policy not found.  
OK  
---Test-BAN/UNBAND-FQAN: TEST PASSED---  
Tue Jun 11 10:26:08 CEST 2013  
}}}

=====  
test-remove-policies.sh (OK) =====  
{{{  
[root@test30 tests\_verification]# ./test-remove-policies.sh\?revision\=1.3  
PAP\_CTRL set to: /etc/rc.d/init.d/argus-pap  
Tue Jun 11 10:26:41 CEST 2013  
---Test-Remove-Policies---  
1) testing removal with non existing id  
error.  
org.glite.authz.pap.repository.exceptions.NotFoundException: Id not found: dummy\_id  
OK  
2) testing removal with resource id  
ID=1811e438-484a-414c-b073-f49e413ba3d8  
OK  
3) testing removal with action id  
ID=public-ec52e51b-4787-4205-90a1-b5f42b2245c8  
OK  
4) testing removal with rule id  
ID=6610b04b-3427-49ad-a616-abfcd7cd8144  
OK  
5) testing removal with multiple rules  
ID=4665f850-05d9-4c6e-a03b-a42ffaf90374  
268df794-d310-496c-8fac-c41616a44bfe  
404d03dc-3f24-4ce3-987c-3da8e7d75d5e  
OK  
6) testing removal with multiple rules and one wrong  
ID=8a9ac327-b6e4-43da-98a1-241cc6a79876  
f337aad4-89c9-4c9a-bb47-e977b1fda60e

86e97aa9-7ab6-4cb6-a4f7-6f907663a984

error.

org.glite.authz.pap.repository.exceptions.NotFoundException: Id not found: another-non-existing-id

OK

7) testing removal with empty repository

error.

org.glite.authz.pap.repository.exceptions.NotFoundException: Id not found: 8a9ac327-b6e4-43da-98a1-241cc6a79876

OK

---Test-Remove-Polices: TEST PASSED---

Tue Jun 11 10:29:43 CEST 2013

}}}

=====  
pap-ping.sh

{

[root@test30 tests\_verification]# ./pap-ping.sh\?view\=co

PAP\_CTRL set to: /etc/rc.d/init.d/argus-pap

Tue Jun 11 10:36:36 CEST 2013

---Test-PAP-Ping---

1) test PAP ping

Contacting PAP at "https://test30.egi.cesga.es:8150/pap/services/"... ok (PAP version: 1.6.1)

OK

---Test-PAP-Ping: TEST PASSED---

Tue Jun 11 10:36:41 CEST 2013

}}}

=====  
set-get-pap-orders.sh (OK)

{

[root@test30 tests\_verification]# ./set-get-pap-orders.sh\?revision\=1.3

PAP\_CTRL set to: /etc/rc.d/init.d/argus-pap

Tue Jun 11 10:37:05 CEST 2013

---Test-Set/Get-paps-order---

1) testing gpo with no order

default

OK

2) testing spo with 3 paps

OK

2) Inverting the order

OK

3) using a non existing alias

org.glite.authz.pap.distribution.DistributionConfigurationException: Error in remote paps order: unknown alias "local-pp3"

OK

---Test-Set/Get-paps-order: TEST PASSED---

Tue Jun 11 10:37:53 CEST 2013

}}}

===== set-get-poll-interval.sh (OK) =====

```
{}{}
[root@test30 tests_verification]# ./set-get-poll-interval.sh\?revision\=1.3
PAP_CTRL set to: /etc/rc.d/init.d/argus-pap
Tue Jun 11 10:38:07 CEST 2013
---Test-Set/Get-Poll-Interval---
1) Setting polling time
OK
2) Retrieving polling time
OK
---Test-Set/Get-Poll-Interval: TEST PASSED---
Tue Jun 11 10:38:17 CEST 2013

{}{}
```

===== test-authz.sh (OK) =====

```
{}{}
[root@test30 tests_verification]# ./test-authz.sh\?view\=co
Tue Jun 11 10:39:57 CEST 2013
---Test-argus---
PAP_CTRL set to: /etc/rc.d/init.d/argus-pap
1) testing lp with no authorization
OK
2) testing lp with anyone full power
OK
---Test-argus: TEST PASSED---
Tue Jun 11 10:41:15 CEST 2013

{}{}
```

===== Adding a policy again =====

```
{}{}
[root@test30 etc]# pwd
/opt/glite/yaim/etc
[root@test30 etc]# pap-admin add-policies-from-file my-policy-sa2v2.spl
[root@test30 etc]# pap-admin add-policies-from-file my-policy-sa2v2-deny.spl
```

```
[root@test30 etc]# 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" }
}
}

```

```

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" }
}
}
[root@test30 etc]#
}}}
```

**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):**

EMI.argus.sl5.x86\_64-1.6.1 was installed from scratch without any important issue.

**Comments for DMSU (TSA2.5):**

**Comments for TP:**