

Quality Criteria Verification Report

Product	EMI.dpm-argus.sl5.sl6.x86_64-1.8.8	Release	1.8.8
Software Provider	EMI	RT Ticket	#7325 #7326
Provider contact	Cristina Aiftimiei <crisrina.aiftimiei@pd.infn.it>		
Verifier	Esteban Freire (esfreire@cesga.es)		
Hours worked	4h	Date	21/10/14
Status	Accepted		

Summary

According to the following link, <http://gridpp-storage.blogspot.it/2014/08/argus-user-suspension-with-dpm.html>, it is not necessary to reconfigure with YAIM after installing EMI.dpm-argus package. It is just necessary to install the **dpm-argus** and **argus-pep-api-c** packages which are content on EMI.dpm-argus package and configure a crond which runs the **dpns-arguspoll** command each hour, which one synchronizes the DPM's internal user banning states from the ARGUS service.

Related tickets

None

Documentation Criteria

Document	
Release notes	https://svnweb.cern.ch/trac/lcgdm/blog/dpm-argus_fix
User Documentation	http://wiki.hellasgrid.gr/wiki/bin/view/HellasGrid/GOC/InstallationOfArgusEMI-3SL6
API Documentation	
Admin Documentation	https://svnweb.cern.ch/trac/lcgdm/wiki/Dpm/Admin/Install
Software License	

Generic Criteria

Criteria	Status ¹	Additional Comments
Binary Distribution	OK	
Upgrade	OK	
X.509 Certificate support	OK	
SHA-2 Certificates Support	OK	

¹OK, WARN, FAIL, NA (Not Applicable) or NT (Not Tested)

RFC Proxy support	OK	
ARGUS Integration	NA	
World Writable Files	NT	Minor release
Passwords in world readable files	NT	Minor release
GlueSchema 1.3 Support	OK	
GlueSchema 2.0 Support	OK	
Middleware Version Information	NT	Minor release
Service Probes	OK	
Accounting Records	NA	
Bug Tracking System	OK	

Specific QC

Basic Functionality Test

EMI.dpm-argus.sl5.sl6.x86_64-1.8.8

* Ticket:

* <https://rt.egi.eu/rt/Ticket/Display.html?id=7325>

* <https://rt.egi.eu/rt/Ticket/Display.html?id=7326>

== Configuring the repository ==

```
{{{
```

```
[root@test08 ~]# cat /etc/yum.repos.d/EMI.dpm-argus.sl6.x86_64.repo
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -
(7326,1616,1545)
```

```
[EMI.dpm-argus.sl6.x86_64]
name=EMI.dpm-argus.sl6.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-3.emi.dpm-argus.sl6.x86_64/1/8/8/
enabled=1
protect=1
priority=1
gpgcheck=1
gpgkey=http://repository.egi.eu/sw/production/umd/UMD-RPM-PGP-KEY
```

```
}}}
```

* Installation:

```
{{{
```

```
[root@test08 yum.repos.d]# yum install dpm-argus
Loaded plugins: priorities, security
469 packages excluded due to repository priority protections
Setting up Install Process
Resolving Dependencies
--> Running transaction check
```

```

--> Package dpm-argus.x86_64 0:1.8.8-2.el6 will be installed
--> Processing Dependency: libargus-pep.so.2()(64bit) for package: dpm-argus-1.8.8-2.el6.x86_64
--> Running transaction check
--> Package argus-pep-api-c.x86_64 0:2.2.0-1.el6 will be installed
--> Finished Dependency Resolution

```

Dependencies Resolved

```

=====
=====
=====
=====

```

Package	Arch	Size	Version
Repository			

```

=====
=====
=====
=====

```

```

Installing:
dpm-argus                x86_64                1.8.8-2.el6
EMI.dpm-argus.sl6.x86_64      20 k
Installing for dependencies:
argus-pep-api-c           x86_64                2.2.0-1.el6
EMI.dpm-argus.sl6.x86_64      48 k

```

Transaction Summary

```

=====
=====
=====
=====

```

```

}}}
```

According to the following link, <http://gridpp-storage.blogspot.it/2014/08/argus-user-suspension-with-dpm.html>, it is not necessary to reconfigure with YAIM after installing EMI.dpm-argus package. It is just necessary to install the **dpm-argus** and **argus-pep-api-c** packages which are content on EMI.dpm-argus package and configure a crond which runs the **dpns-arguspoll** command each hour, which one synchronizes the DPM's internal user banning states from the ARGUS service.

== Creating a crond to Sync DPM's internal user banning states from argus:

```

{{{
[root@test08 ~]# cat /etc/cron.hourly/dpm-argus
#!/bin/sh

export DPNS_HOST=test08.egi.cesga.es
dpns-arguspoll policy https://test30.egi.cesga.es:8154/authz
}}}
```

```
== Executing the dpns-arguspoll command by hand ==
{{{
[root@test08 ~]# export DPNS_HOST=test08.egi.cesga.es
[root@test08 ~]# dpns-arguspoll policy https://test30.egi.cesga.es:8154/authz
request: 1 subjects
request.subject[0]: 2 attributes
request.subject[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:subject:subject-id
request.subject[0].attribute[0].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[0].value[0]= /DC=es/DC=irisgrid/O=cesga/CN=javier-lopez
request.subject[0].attribute[1].id= http://glite.org/xacml/attribute/subject-issuer
request.subject[0].attribute[1].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[1].value[0]= /DC=es/DC=irisgrid/CN=IRISGridCA
request: 1 resources
request.resource[0]: 1 attributes
request.resource[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:resource:resource-id
request.resource[0].attribute[0].value[0]= policy
request.action: 1 attributes
request.action.attribute[0].id= urn:oasis:names:tc:xacml:1.0:action:action-id
request.action.attribute[0].value[0]= ANY
request: 1 subjects
request.subject[0]: 2 attributes
request.subject[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:subject:subject-id
request.subject[0].attribute[0].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[0].value[0]= /DC=es/DC=irisgrid/O=cesga/CN=alvarosimon
request.subject[0].attribute[1].id= http://glite.org/xacml/attribute/subject-issuer
request.subject[0].attribute[1].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[1].value[0]= /DC=es/DC=irisgrid/CN=IRISGridCA
request: 1 resources
request.resource[0]: 1 attributes
request.resource[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:resource:resource-id
request.resource[0].attribute[0].value[0]= policy
request.action: 1 attributes
request.action.attribute[0].id= urn:oasis:names:tc:xacml:1.0:action:action-id
request.action.attribute[0].value[0]= ANY
request: 1 subjects
request.subject[0]: 2 attributes
request.subject[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:subject:subject-id
request.subject[0].attribute[0].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[0].value[0]= /DC=es/DC=irisgrid/O=cesga/CN=Robot -
Ibergrid SAM NagiosUser managed by Esteban Freire Garcia
request.subject[0].attribute[1].id= http://glite.org/xacml/attribute/subject-issuer
request.subject[0].attribute[1].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[1].value[0]= /DC=es/DC=irisgrid/CN=IRISGridCA
request: 1 resources
request.resource[0]: 1 attributes
request.resource[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:resource:resource-id
request.resource[0].attribute[0].value[0]= policy
request.action: 1 attributes
request.action.attribute[0].id= urn:oasis:names:tc:xacml:1.0:action:action-id
request.action.attribute[0].value[0]= ANY
```

request: 1 subjects
request.subject[0]: 2 attributes
request.subject[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:subject:subject-id
request.subject[0].attribute[0].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[0].value[0]= /DC=es/DC=irisgrid/O=ifca/CN=Enol-Fernandez-delCastillo
request.subject[0].attribute[1].id= http://glite.org/xacml/attribute/subject-issuer
request.subject[0].attribute[1].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[1].value[0]= /DC=es/DC=irisgrid/CN=IRISGridCA
request: 1 resources
request.resource[0]: 1 attributes
request.resource[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:resource:resource-id
request.resource[0].attribute[0].value[0]= policy
request.action: 1 attributes
request.action.attribute[0].id= urn:oasis:names:tc:xacml:1.0:action:action-id
request.action.attribute[0].value[0]= ANY
request: 1 subjects
request.subject[0]: 1 attributes
request.subject[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:subject:subject-id
request.subject[0].attribute[0].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[0].value[0]= /DC=es/DC=irisgrid/O=ifca/CN=Enol-Fernandez-delCastillo/CN=1626651936
request: 1 resources
request.resource[0]: 1 attributes
request.resource[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:resource:resource-id
request.resource[0].attribute[0].value[0]= policy
request.action: 1 attributes
request.action.attribute[0].id= urn:oasis:names:tc:xacml:1.0:action:action-id
request.action.attribute[0].value[0]= ANY
request: 1 subjects
request.subject[0]: 1 attributes
request.subject[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:subject:subject-id
request.subject[0].attribute[0].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[0].value[0]= /DC=es/DC=irisgrid/O=ifca/CN=Enol-Fernandez-delCastillo/CN=1489883631
request: 1 resources
request.resource[0]: 1 attributes
request.resource[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:resource:resource-id
request.resource[0].attribute[0].value[0]= policy
request.action: 1 attributes
request.action.attribute[0].id= urn:oasis:names:tc:xacml:1.0:action:action-id
request.action.attribute[0].value[0]= ANY
request: 1 subjects
request.subject[0]: 1 attributes
request.subject[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:subject:subject-id
request.subject[0].attribute[0].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[0].value[0]= nobody
request: 1 resources
request.resource[0]: 1 attributes
request.resource[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:resource:resource-id

request.resource[0].attribute[0].value[0]= policy
request.action: 1 attributes
request.action.attribute[0].id= urn:oasis:names:tc:xacml:1.0:action:action-id
request.action.attribute[0].value[0]= ANY
request: 1 subjects
request.subject[0]: 2 attributes
request.subject[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:subject:subject-id
request.subject[0].attribute[0].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[0].value[0]= /C=IT/O=INFN/OU=Personal
Certificate/L=Padova/CN=Cristina Aiftimiei
request.subject[0].attribute[1].id= http://glite.org/xacml/attribute/subject-issuer
request.subject[0].attribute[1].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[1].value[0]= /C=IT/O=INFN/CN=INFN CA
request: 1 resources
request.resource[0]: 1 attributes
request.resource[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:resource:resource-id
request.resource[0].attribute[0].value[0]= policy
request.action: 1 attributes
request.action.attribute[0].id= urn:oasis:names:tc:xacml:1.0:action:action-id
request.action.attribute[0].value[0]= ANY
request: 1 subjects
request.subject[0]: 2 attributes
request.subject[0].attribute[0].id= http://glite.org/xacml/attribute/virtual-organization
request.subject[0].attribute[0].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[0].value[0]= ops
request.subject[0].attribute[1].id= http://glite.org/xacml/attribute/fqan
request.subject[0].attribute[1].datatype= http://glite.org/xacml/datatype/fqan
request.subject[0].attribute[1].value[0]= /ops
request: 1 resources
request.resource[0]: 1 attributes
request.resource[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:resource:resource-id
request.resource[0].attribute[0].value[0]= policy
request.action: 1 attributes
request.action.attribute[0].id= urn:oasis:names:tc:xacml:1.0:action:action-id
request.action.attribute[0].value[0]= ANY
request: 1 subjects
request.subject[0]: 2 attributes
request.subject[0].attribute[0].id= http://glite.org/xacml/attribute/virtual-organization
request.subject[0].attribute[0].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[0].value[0]= dteam
request.subject[0].attribute[1].id= http://glite.org/xacml/attribute/fqan
request.subject[0].attribute[1].datatype= http://glite.org/xacml/datatype/fqan
request.subject[0].attribute[1].value[0]= /dteam
request: 1 resources
request.resource[0]: 1 attributes
request.resource[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:resource:resource-id
request.resource[0].attribute[0].value[0]= policy
request.action: 1 attributes
request.action.attribute[0].id= urn:oasis:names:tc:xacml:1.0:action:action-id
request.action.attribute[0].value[0]= ANY

request: 1 subjects
request.subject[0]: 2 attributes
request.subject[0].attribute[0].id= http://glite.org/xacml/attribute/virtual-organization
request.subject[0].attribute[0].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[0].value[0]= ops.vo.ibergrid.eu
request.subject[0].attribute[1].id= http://glite.org/xacml/attribute/fqan
request.subject[0].attribute[1].datatype= http://glite.org/xacml/datatype/fqan
request.subject[0].attribute[1].value[0]= /ops.vo.ibergrid.eu
request: 1 resources
request.resource[0]: 1 attributes
request.resource[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:resource:resource-id
request.resource[0].attribute[0].value[0]= policy
request.action: 1 attributes
request.action.attribute[0].id= urn:oasis:names:tc:xacml:1.0:action:action-id
request.action.attribute[0].value[0]= ANY
request: 1 subjects
request.subject[0]: 2 attributes
request.subject[0].attribute[0].id= http://glite.org/xacml/attribute/virtual-organization
request.subject[0].attribute[0].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[0].value[0]= iber.vo.ibergrid.eu
request.subject[0].attribute[1].id= http://glite.org/xacml/attribute/fqan
request.subject[0].attribute[1].datatype= http://glite.org/xacml/datatype/fqan
request.subject[0].attribute[1].value[0]= /iber.vo.ibergrid.eu
request: 1 resources
request.resource[0]: 1 attributes
request.resource[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:resource:resource-id
request.resource[0].attribute[0].value[0]= policy
request.action: 1 attributes
request.action.attribute[0].id= urn:oasis:names:tc:xacml:1.0:action:action-id
request.action.attribute[0].value[0]= ANY
request: 1 subjects
request.subject[0]: 2 attributes
request.subject[0].attribute[0].id= http://glite.org/xacml/attribute/virtual-organization
request.subject[0].attribute[0].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[0].value[0]= ops
request.subject[0].attribute[1].id= http://glite.org/xacml/attribute/fqan
request.subject[0].attribute[1].datatype= http://glite.org/xacml/datatype/fqan
request.subject[0].attribute[1].value[0]= /ops/Role=lcgadmin
request: 1 resources
request.resource[0]: 1 attributes
request.resource[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:resource:resource-id
request.resource[0].attribute[0].value[0]= policy
request.action: 1 attributes
request.action.attribute[0].id= urn:oasis:names:tc:xacml:1.0:action:action-id
request.action.attribute[0].value[0]= ANY
request: 1 subjects
request.subject[0]: 2 attributes
request.subject[0].attribute[0].id= http://glite.org/xacml/attribute/virtual-organization
request.subject[0].attribute[0].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[0].value[0]= ops

request.subject[0].attribute[1].id= http://glite.org/xacml/attribute/fqan
request.subject[0].attribute[1].datatype= http://glite.org/xacml/datatype/fqan
request.subject[0].attribute[1].value[0]= /ops/NGI
request: 1 resources
request.resource[0]: 1 attributes
request.resource[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:resource:resource-id
request.resource[0].attribute[0].value[0]= policy
request.action: 1 attributes
request.action.attribute[0].id= urn:oasis:names:tc:xacml:1.0:action:action-id
request.action.attribute[0].value[0]= ANY
request: 1 subjects
request.subject[0]: 2 attributes
request.subject[0].attribute[0].id= http://glite.org/xacml/attribute/virtual-organization
request.subject[0].attribute[0].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[0].value[0]= ops
request.subject[0].attribute[1].id= http://glite.org/xacml/attribute/fqan
request.subject[0].attribute[1].datatype= http://glite.org/xacml/datatype/fqan
request.subject[0].attribute[1].value[0]= /ops/NGI/Portugal
request: 1 resources
request.resource[0]: 1 attributes
request.resource[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:resource:resource-id
request.resource[0].attribute[0].value[0]= policy
request.action: 1 attributes
request.action.attribute[0].id= urn:oasis:names:tc:xacml:1.0:action:action-id
request.action.attribute[0].value[0]= ANY
request: 1 subjects
request.subject[0]: 2 attributes
request.subject[0].attribute[0].id= http://glite.org/xacml/attribute/virtual-organization
request.subject[0].attribute[0].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[0].value[0]= ops
request.subject[0].attribute[1].id= http://glite.org/xacml/attribute/fqan
request.subject[0].attribute[1].datatype= http://glite.org/xacml/datatype/fqan
request.subject[0].attribute[1].value[0]= /ops/NGI/Spain
request: 1 resources
request.resource[0]: 1 attributes
request.resource[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:resource:resource-id
request.resource[0].attribute[0].value[0]= policy
request.action: 1 attributes
request.action.attribute[0].id= urn:oasis:names:tc:xacml:1.0:action:action-id
request.action.attribute[0].value[0]= ANY
request: 1 subjects
request.subject[0]: 2 attributes
request.subject[0].attribute[0].id= http://glite.org/xacml/attribute/virtual-organization
request.subject[0].attribute[0].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[0].value[0]= cesga
request.subject[0].attribute[1].id= http://glite.org/xacml/attribute/fqan
request.subject[0].attribute[1].datatype= http://glite.org/xacml/datatype/fqan
request.subject[0].attribute[1].value[0]= /cesga
request: 1 resources
request.resource[0]: 1 attributes


```

request.resource[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:resource:resource-id
request.resource[0].attribute[0].value[0]= policy
request.action: 1 attributes
request.action.attribute[0].id= urn:oasis:names:tc:xacml:1.0:action:action-id
request.action.attribute[0].value[0]= ANY
request: 1 subjects
request.subject[0]: 2 attributes
request.subject[0].attribute[0].id= http://glite.org/xacml/attribute/virtual-organization
request.subject[0].attribute[0].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[0].value[0]= nobody
request.subject[0].attribute[1].id= http://glite.org/xacml/attribute/fqan
request.subject[0].attribute[1].datatype= http://glite.org/xacml/datatype/fqan
request.subject[0].attribute[1].value[0]= /nobody
request: 1 resources
request.resource[0]: 1 attributes
request.resource[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:resource:resource-id
request.resource[0].attribute[0].value[0]= policy
request.action: 1 attributes
request.action.attribute[0].id= urn:oasis:names:tc:xacml:1.0:action:action-id
request.action.attribute[0].value[0]= ANY
request: 1 subjects
request.subject[0]: 2 attributes
request.subject[0].attribute[0].id= http://glite.org/xacml/attribute/virtual-organization
request.subject[0].attribute[0].datatype= http://www.w3.org/2001/XMLSchema#string
request.subject[0].attribute[0].value[0]= dteam
request.subject[0].attribute[1].id= http://glite.org/xacml/attribute/fqan
request.subject[0].attribute[1].datatype= http://glite.org/xacml/datatype/fqan
request.subject[0].attribute[1].value[0]= /dteam/NGI_IT
request: 1 resources
request.resource[0]: 1 attributes
request.resource[0].attribute[0].id= urn:oasis:names:tc:xacml:1.0:resource:resource-id
request.resource[0].attribute[0].value[0]= policy
request.action: 1 attributes
request.action.attribute[0].id= urn:oasis:names:tc:xacml:1.0:action:action-id
request.action.attribute[0].value[0]= ANY
}}}
```

== Testing ==

```

{{{
[esfreire@test13 ~]$ lcg-info --list-service --vo ops | grep test08
- Service: http://test08.egi.cesga.es:8446/srm/managerv2
```

```
[rdiez@test13 ~]$ export LFC_HOST=lfc.egi.cesga.es
```

```
[rdiez@test13 ~]$ export VO_OPS_DEFAULT_SE=test08.egi.cesga.es
```

```

[esfreire@test13 ~]$ lcg-ls -v srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/
SE type: SRMv2
/dpm/egi.cesga.es/home/ops//cattest_150714
```

```
/dpm/egi.cesga.es/home/ops//cattest_171014
/dpm/egi.cesga.es/home/ops//cattest_171014b
/dpm/egi.cesga.es/home/ops//generated
/dpm/egi.cesga.es/home/ops//my_test
/dpm/egi.cesga.es/home/ops//test201014
/dpm/egi.cesga.es/home/ops//testdelme
/dpm/egi.cesga.es/home/ops//testdelme2
/dpm/egi.cesga.es/home/ops//testdelme3
/dpm/egi.cesga.es/home/ops//testfile-put-1404293132-52addc5eb585.txt
/dpm/egi.cesga.es/home/ops//testfile-put-1413797183-63e4ec032f50.txt
```

```
[esfreire@test13 ~]$ lcg-cr -v --vo ops file:/home/esfreire/hola.sh -l
lfn:/grid/ops/testc_esfreire_211014 -d test08.egi.cesga.es
Using grid catalog type: lfc
Using grid catalog : lfc.egi.cesga.es
Checksum type: None
SE type: SRMv2
Destination SURL :
srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2014-10-
21/file944d42d4-356c-408b-85bc-81af8ee7ee92
Source SRM Request Token: c7b3bbe8-813d-49f1-b18d-4c6ba9cd3c80
Source URL: file:/home/esfreire/hola.sh
File size: 38
VO name: ops
Destination specified: test08.egi.cesga.es
Destination URL for copy:
gsiftp://test08.egi.cesga.es/test08.egi.cesga.es:/storage/ops/2014-10-21/file944d42d4-
356c-408b-85bc-81af8ee7ee92.19989.0
# streams: 1
      0 bytes    0.00 KB/sec avg    0.00 KB/sec inst
      0 bytes    0.00 KB/sec avg    0.00 KB/sec inst
```

```
Transfer took 1010 ms
Using grid catalog type: lfc
Using grid catalog : lfc.egi.cesga.es
Site URL to be registered:
srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2014-10-
21/file944d42d4-356c-408b-85bc-81af8ee7ee92
File size: 38
Using LFN: lfn:/grid/ops/testc_esfreire_211014
Using GUID: guid:21f29cf8-648d-4e90-a464-82ed95741ee7
Registering LFN: /grid/ops/testc_esfreire_211014 (21f29cf8-648d-4e90-a464-
82ed95741ee7)
Registering SURL:
srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2014-10-
21/file944d42d4-356c-408b-85bc-81af8ee7ee92 (21f29cf8-648d-4e90-a464-
82ed95741ee7)
guid:21f29cf8-648d-4e90-a464-82ed95741ee7
```

```
[esfreire@test13 ~]$ lcg-lr --vo ops lfn:/grid/ops/testc_esfreire_211014
srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2014-10-
21/file944d42d4-356c-408b-85bc-81af8ee7ee92
```

```
[esfreire@test13 ~]$ lcg-del --vo ops -a lfn:/grid/ops/testc_esfreire_211014
[esfreire@test13 ~]$ lcg-lr --vo ops lfn:/grid/ops/testc_esfreire_211014
[LFC][lfc_getreplica][] lfc.egi.cesga.es: /grid/ops/testc_esfreire_211014: No such file or
directory
lcg_lr: No such file or directory
```

```
}}}
```

* Testing gfal commands on Dpm-MySQL:

```
{ { {
[rdiez@test13 ~]$ export VO_OPS_DEFAULT_SE=test08.egi.cesga.es
[rdiez@test13 ~]$ export LFC_HOST=test09.egi.cesga.es
```

```
[esfreire@test13 ~]$ lfc-ls /grid/ops
SAM
asimon
file-lfc-probe-lfc.egee.cesga.es
fileasgtest
filefgtest150714
generated
```

```
[rdiez@test13 ~]$ dpns-ls /dpm/egi.cesga.es/home
cesga
dteam
iber.vo.ibergrid.eu
ops
ops.vo.ibergrid.eu
```

```
}}}
```

```
{ { {
```

```
[rdiez@test13 ~]$ gfal-ls -HI srm://test08.egi.cesga.es:8446/srm/managerv2?
SFN=/dpm/egi.cesga.es/home/ops/
-rw-rw-r-- 1 2 2 Jul 15 13:29 266 cattest_150714 None
drwxrwxr-x 1 2 2 Sep 18 03:17 0.0 generated None
-rw-rw-r-- 1 2 2 May 16 2013 266 my_test None
drwxrwxr-x 1 2 2 May 16 2013 0.0 mytest None
-rw-rw-r-- 1 2 2 Jul 15 13:39 38 test150714 None
```

```
-rw-rw-r-- 1 2 2 Jul 2 10:25 20 testfile-put-1404293132-52addc5eb585.txt  
None
```

```
[esfreire@test13 ~]$ gfal-copy srm://test08.egi.cesga.es:8446/srm/managerv2?  
SFN=/dpm/egi.cesga.es/home/ops/testfile-put-1404293132-52addc5eb585.txt  
file:/home/esfreire/test211014  
Copying 1 [DONE] after 1s
```

```
[esfreire@test13 ~]$ gfal-copy file:/home/esfreire/hola.sh  
srm://test08.egi.cesga.es:8446/srm/managerv2?  
SFN=/dpm/egi.cesga.es/home/ops/test211014  
Copying 1 [DONE] after 1s
```

```
{{{  
[esfreire@test13]$ gfal-rm srm://test08.egi.cesga.es:8446/srm/managerv2?  
SFN=/dpm/egi.cesga.es/home/ops/test211014
```

```
{{{  
[esfreire@test13 ~]$ cat hola.sh |gfal-save  
srm://test08.egi.cesga.es:8446/srm/managerv2?  
SFN=/dpm/egi.cesga.es/home/ops/cattest_171014
```

```
[esfreire@test13 ~]$ gfal-cat srm://test08.egi.cesga.es:8446/srm/managerv2?  
SFN=/dpm/egi.cesga.es/home/ops/cattest_171014  
#!/bin/bash
```

```
##sleep 60  
hostname  
date
```

```
}}}
```

```
{{{  
[esfreire@test13 ~]$ gfal-sum srm://test08.egi.cesga.es:8446/srm/managerv2?  
SFN=/dpm/egi.cesga.es/home/ops/test171014 MD5  
srm://test08.egi.cesga.es:8446/srm/managerv2?  
SFN=/dpm/egi.cesga.es/home/ops/test171014 e8a436b9f55861dce93c946464a44d63  
}}}
```

```
{{{  
[esfreire@test13 ~]$ gfal-xattr srm://test08.egi.cesga.es:8446/srm/managerv2?  
SFN=/dpm/egi.cesga.es/home/ops/test171014  
user.replicas = rfiio://test08.egi.cesga.es//storage/ops/2014-10-17/test171014.19417.0  
user.status = ONLINE  
}}}
```

```
{{{
```

World writable files (OK)

An easy way to find world-writable files is using the find command:

```
find / -type f -perm -002 -exec ls -l {} \;
```

For finding world-writable files in the packages contents:

```
[root@test08 ~]# rpm -qalv | egrep "^[^-d]([-r][-w][-xs]){2}[-r]w"  
drwxrwxrwt 2 root root 0 Jul 20 2011 /tmp  
drwxrwxrwt 2 root root 0 Jul 20 2011 /var/tmp
```

```
}}}
```

```
ldapsearch -x -h test08.egi.cesga.es -p 2170 -b GLUE2GroupID=resource,o=glue  
objectclass=GLUE2Endpoint
```

```
[root@wms03 ~]# glue-validator -H test08.egi.cesga.es -p 2170 -b o=grid -g glue1 -s  
general -v 3  
OK - errors 0, warnings 0, info 0 | errors=0;warnings=0;info=0
```

```
[root@wms03 ~]# glue-validator -H test08.egi.cesga.es -p 2170 -b o=glue -g glue2 -s  
general -v 3  
WARNING - errors 0, warnings 11, info 0 | errors=0;warnings=11;info=0
```

```
[root@wms03 ~]# glue-validator -H test22.egi.cesga.es -p 2170 -b o=glue -g egi-glue2  
-s general -v 3  
OK - errors 0, warnings 0, info 2 | errors=0;warnings=0;info=2
```

```
[root@wms03 ~]# glue-validator -g egi-glue2 -H test08.egi.cesga.es -p 2170 -b o=glue  
-s egi-profile -n -v 3 --exclude-known-issues --nagios  
OK - errors 0, warnings 0, info 6 | errors=0;warnings=0;info=6
```

New Features/Fixed Bugs

Additional Info
