

Quality Criteria Verification Report

Product	dpm	Release	1.8.9
Software Provider	DPM	RT Ticket	#7967 and #7968
Provider contact	cristina.aiftimiei@pd.infn.it		
Verifier	rdiez@cesga.es		
Hours worked	4 hours	Date	14/01/2015
Status	Accepted		

Summary

No issues found during verification process.

Related tickets

None

Documentation Criteria

Document	Link
Release notes	https://svnweb.cern.ch/trac/lcgdm/attachment/wiki/Dpm/DPM1.8.9-relnotes.txt
User Documentation	http://www.eu-emi.eu/releases/emi-3-monte-bianco/updates/-/asset_publisher/5Na8/content/update-22-10-11-2014-v-3-13-0-1#DPM_LFC_v_1_8_9
API Documentation	http://www.eu-emi.eu/releases/emi-3-monte-bianco/updates/-/asset_publisher/5Na8/content/update-22-10-11-2014-v-3-13-0-1#DPM_LFC_v_1_8_9
Admin Documentation	http://www.eu-emi.eu/releases/emi-3-monte-bianco/updates/-/asset_publisher/5Na8/content/update-22-10-11-2014-v-3-13-0-1#DPM_LFC_v_1_8_9
Software License	http://www.eu-emi.eu/releases/emi-3-monte-bianco/updates/-/asset_publisher/5Na8/content/update-22-10-11-2014-v-3-13-0-1#DPM_LFC_v_1_8_9

Generic Criteria

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

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

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

Specific QC

Basic Functionality Test

== Verification of dpm.sl6.x86_64-1.8.9 ==

=== Ticket assigned ===

* [Ticket <https://rt.egi.eu/rt/Ticket/Display.html?id=7967>]

```

{{{
[root@test08 yum.repos.d]# wget http://admin-
repo.egi.eu/sw/unverified/umd-
3.dpm.dpm.sl6.x86_64/1/8/9/repofiles/DPM.dpm.sl6.x86_64.repo

```

```

[root@test08 yum.repos.d]# cat DPM.dpm.sl6.x86_64.repo
# EGI Software Repository - REPO META
(releaseId,repositoryId,repofileId) - (7967,1783,1712)

```

```

[DPM.dpm.sl6.x86_64]
name=DPM.dpm.sl6.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-
3.dpm.dpm.sl6.x86_64/1/8/9/
enabled=1
protect=1
priority=1
gpgcheck=1
gpgkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emi

```

```

}}}
```

* Installation

```

{{{
[root@test08 yum.repos.d]# yum clean all

```

```

[root@test08 yum.repos.d]# yum upgrade
}}}
```

```

{{{
Dependencies Resolved

```

```

=====
=====

```


lcgdm-dav-libs	x86_64
0.15.1-1.el6	DPM.dpm.sl6.x86_64
38 k	
lcgdm-dav-server	x86_64
0.15.1-1.el6	DPM.dpm.sl6.x86_64
81 k	
lcgdm-devel	x86_64
1.8.9-2.el6	DPM.dpm.sl6.x86_64
52 k	
lcgdm-libs	x86_64
1.8.9-2.el6	DPM.dpm.sl6.x86_64
103 k	

Transaction Summary

```

=====
=====
=====
==
Install      2 Package(s)
Upgrade     18 Package(s)
}}}
```

== YAIM reconfiguration ==

```

{{{
[root@test08 ~]# /opt/glite/yaim/bin/yaim -d 6 -c -s
/opt/glite/yaim/etc/site-info.def -n emi_dpm_mysql -n emi_dpm_disk
}}}
```

== Testing ==

```

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

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

[rdiez@test13 ~]$ lcg-info --list-service --vo ops | grep cesga
- Service: cream.egi.cesga.es_org.glite.ce.CREAM_2584464575
- Service: httpg://se2.egi.cesga.es:8446/srm/managerv2
- Service: httpg://test08.egi.cesga.es:8446/srm/managerv2
- Service: local-http://lfc.egi.cesga.es:8085/
- Service: local-http://test09.egi.cesga.es:8085/
- Service: local-lfc.egi.cesga.es
- Service: local-test09.egi.cesga.es
- Service: test06.egi.cesga.es_org.glite.ce.CREAM_4167804123
- Service: test22.egi.cesga.es_org.glite.wms.WMProxy_4261324311
- Service: test31.egi.cesga.es_org.glite.ce.CREAM_4053595441
- Service: wms03.egi.cesga.es_org.glite.wms.WMProxy_1755854367

[rdiez@test13 ~]$ lcg-cr -v --vo ops file:/home/rdiez/hola.sh -l
lfn:/grid/ops/testc_rdiez -d test08.egi.cesga.es
Using grid catalog type: lfc
Using grid catalog : test09.egi.cesga.es
Checksum type: None
SE type: SRMv2
Destination URL :
srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2015-01-
13/fileaa67c2bc-0946-4651-bf4f-da7c2ccd4e1c
Source SRM Request Token: e379cf9d-dae8-4e18-aa9b-63506fc2ce05
Source URL: file:/home/rdiez/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/2015-01-13/fileaa67c2bc-0946-4651-bf4f-da7c2ccd4e1c.28058.0

```
# streams: 1
          0 bytes          0.00 KB/sec avg          0.00 KB/sec inst
          38 bytes          0.24 KB/sec avg          0.24 KB/sec inst
```

Transfer took 1000 ms
Using grid catalog type: lfc
Using grid catalog : test09.egi.cesga.es
Site URL to be registered:
srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2015-01-13/fileaa67c2bc-0946-4651-bf4f-da7c2ccd4e1c

c
File size: 38
Using LFN: lfn:/grid/ops/testc_rdiez
Using GUID: guid:110a13c7-122e-49b0-8854-b5a2ec798c21
Registering LFN: /grid/ops/testc_rdiez (110a13c7-122e-49b0-8854-b5a2ec798c21)
Registering SURL:
srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2015-01-13/fileaa67c2bc-0946-4651-bf4f-da7c2ccd4e1c (110a13c7-122e-49b0-8854-b5a2ec798c21)
guid:110a13c7-122e-49b0-8854-b5a2ec798c21

```
[rdiez@test13 ~]$ lcg-ls -v
srm://grid002.ft.uam.es:8443/pnfs/ft.uam.es/data/
SE type: SRMV2
/pnfs/ft.uam.es/data/temp
/pnfs/ft.uam.es/data/users
/pnfs/ft.uam.es/data/atlas
/pnfs/ft.uam.es/data/ops
/pnfs/ft.uam.es/data/dteam
/pnfs/ft.uam.es/data/ops.vo.ibergrid.eu
/pnfs/ft.uam.es/data/phys.vo.ibergrid.eu
```

```
[rdiez@test13 ~]$ lcg-cr -v --vo ops file:/home/rdiez/hola.sh -l
lfn:/grid/ops/filefgtest3 -d se2.egi.cesga.es
Using grid catalog type: lfc
Using grid catalog : test09.egi.cesga.es
Checksum type: None
SE type: SRMV2
Destination SURL :
srm://se2.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2015-01-13/file739fe94c-fe46-49a2-832d-720be8ee8f96
Source SRM Request Token: c394742a-d507-469b-b6fd-2ad4718dad41
Source URL: file:/home/rdiez/hola.sh
File size: 38
VO name: ops
Destination specified: se2.egi.cesga.es
Destination URL for copy:
gsiftp://se2.egi.cesga.es/se2.egi.cesga.es:/mnt/xen01/ops/2015-01-13/file739fe94c-fe46-49a2-832d-720be8ee8f96.18421775.0
```

```
# 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 : test09.egi.cesga.es

```
Site URL to be registered:
srm://se2.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2015-01-
13/file739fe94c-fe46-49a2-832d-720be8ee8f96
File size: 38
Using LFN: lfn:/grid/ops/filefgtest3
Using GUID: guid:6282a0e0-2e46-4306-a3bb-62e9cb8e5570
Registering LFN: /grid/ops/filefgtest3 (6282a0e0-2e46-4306-a3bb-
62e9cb8e5570)
Registering SURL:
srm://se2.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2015-01-
13/file739fe94c-fe46-49a2-832d-720be8ee8f96 (6282a0e0-2e46-4306-a3bb-
62e9cb8e5570)
guid:6282a0e0-2e46-4306-a3bb-62e9cb8e5570
```

```
[rdiez@test13 ~]$ lcg-lr --vo ops lfn:/grid/ops/filefgtest3
srm://se2.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2015-01-
13/file739fe94c-fe46-49a2-832d-720be8ee8f96
```

```
[rdiez@test13 ~]$ lcg-del --vo ops -a lfn:/grid/ops/filefgtest3
```

```
[rdiez@test13 ~]$ lcg-lr --vo ops lfn:/grid/ops/filefgtest3
[LFC][lfc_getreplica][] test09.egi.cesga.es: /grid/ops/filefgtest3: No
such file or directory
lcg_lr: No such file or directory
```

```
}}}
```

```
== Verification of dpm.sl5.x86_64-1.8.9 ==
```

```
=== Ticket assigned ===
```

```
* [Ticket https://rt.egi.eu/rt/Ticket/Display.html?id=7968]
```

```
{
[root@test08 yum.repos.d]# wget http://admin-
repo.egi.eu/sw/unverified/umd-
3.dpm.dpm.sl5.x86_64/1/8/9/repofiles/DPM.dpm.sl5.x86_64.repo
```

```
[root@test08 yum.repos.d]# cat DPM.dpm.sl5.x86_64.repo
# EGI Software Repository - REPO META
(releaseId,repositoryId,repofileId) - (7968,1784,1713)
```

```
[DPM.dpm.sl5.x86_64]
name=DPM.dpm.sl5.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-
3.dpm.dpm.sl5.x86_64/1/8/9/
enabled=1
protect=1
priority=1
pgpcheck=1
pgpkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emi
}}
```

```
* Installation (from scratch in SL5)
```

```
{
[root@test08 ~]# yum clean all
```

```
[root@test08 ~]# yum upgrade
```

```
[root@test08 ~]# yum install emi-dpm_mysql emi-dpm_disk
}}
```

```
{{{
Dependencies Resolved
```

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

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

```
Installing:
emi-dpm_disk                x86_64
1.8.9-1.el5.centos         DPM.dpm.s15.x86_64
2.9 k
emi-dpm_mysql              x86_64
1.8.9-1.el5.centos         DPM.dpm.s15.x86_64
3.1 k
```

```
Installing for dependencies:
CGSI-gSOAP                x86_64
1.3.6-5.el5               UMD-3-updates
75 k
MySQL-python              x86_64
1.2.3-0.1.c1.el5         sl-base
95 k
apr                       x86_64
1.2.7-11.el5_6.5         sl-base
119 k
apr-util                  x86_64
1.2.7-11.el5_5.2         sl-base
79 k
bdii                      noarch
5.2.23-1.el5             UMD-3-updates
25 k
boost141-regex           x86_64
1.41.0-4.el5             UMD-3-updates
719 k
boost141-thread          x86_64
1.41.0-4.el5             UMD-3-updates
45 k
c-ares                   x86_64
1.6.0-5.el5             sl-base
49 k
canl-c                   x86_64
2.1.5-1.el5             UMD-3-updates
70 k
distcache                x86_64
1.4.5-14.1              sl-base
121 k
dmlite-libs              x86_64
0.7.2-1.el5            DPM.dpm.s15.x86_64
318 k
dmlite-plugins-adapter  x86_64
0.7.2-1.el5            DPM.dpm.s15.x86_64
211 k
```

dmlite-plugins-mysql	x86_64
0.7.2-1.el5	DPM.dpm.s15.x86_64
164 k	
dpm	x86_64
1.8.9-2.el5	DPM.dpm.s15.x86_64
222 k	
dpm-copy-server-mysql	x86_64
1.8.9-2.el5	DPM.dpm.s15.x86_64
161 k	
dpm-devel	x86_64
1.8.9-2.el5	DPM.dpm.s15.x86_64
230 k	
dpm-dsi	x86_64
1.9.3-3.el5	DPM.dpm.s15.x86_64
31 k	
dpm-libs	x86_64
1.8.9-2.el5	DPM.dpm.s15.x86_64
157 k	
dpm-name-server-mysql	x86_64
1.8.9-2.el5	DPM.dpm.s15.x86_64
131 k	
dpm-perl	x86_64
1.8.9-2.el5	DPM.dpm.s15.x86_64
238 k	
dpm-python	x86_64
1.8.9-2.el5	DPM.dpm.s15.x86_64
1.2 M	
dpm-rfio-server	x86_64
1.8.9-2.el5	DPM.dpm.s15.x86_64
91 k	
dpm-server-mysql	x86_64
1.8.9-2.el5	DPM.dpm.s15.x86_64
128 k	
dpm-srm-server-mysql	x86_64
1.8.9-2.el5	DPM.dpm.s15.x86_64
389 k	
dpm-yaim	noarch
4.2.20-1.el5.centos	UMD-3-updates
40 k	
edg-mkgridmap	noarch
4.0.0-1	UMD-3-base
27 k	
emi-version	x86_64
3.7.4-1.el5	UMD-3-updates
2.3 k	
expect	x86_64
5.43.0-8.el5	s1-base
160 k	
fetch-curl	noarch
2.8.5-1.el5	UMD-3-updates
24 k	
glite-info-provider-service	noarch
1.13.4-1.el5	UMD-3-updates
69 k	
glite-yaim-bdii	noarch
4.3.15-1.el5	UMD-3-updates
11 k	
glite-yaim-core	noarch
5.1.2-1.s15	UMD-3-updates
118 k	

globus-authz	x86_64
2.2-8.el5	UMD-3-updates
15 k	
globus-authz-callout-error	x86_64
2.2-8.el5	UMD-3-updates
12 k	
globus-callout	x86_64
2.4-2.el5	UMD-3-updates
20 k	
globus-common	x86_64
14.10-2.el5	UMD-3-updates
132 k	
globus-ftp-client	x86_64
7.6-1.el5	UMD-3-updates
110 k	
globus-ftp-control	x86_64
4.7-1.el5	UMD-3-updates
75 k	
globus-gass-copy	x86_64
8.6-7.el5	UMD-3-updates
38 k	
globus-gass-transfer	x86_64
7.2-9.el5	UMD-3-updates
44 k	
globus-gfork	x86_64
3.2-1.el5	UMD-3-updates
20 k	
globus-gridftp-server	x86_64
6.38-1.1.el5	UMD-3-updates
185 k	
globus-gridftp-server-control	x86_64
2.10-1.el5	UMD-3-updates
79 k	
globus-gridftp-server-progs	x86_64
6.38-1.1.el5	UMD-3-updates
49 k	
globus-gsi-callback	x86_64
4.6-2.el5	UMD-3-updates
43 k	
globus-gsi-cert-utils	x86_64
8.6-2.el5	UMD-3-updates
21 k	
globus-gsi-credential	x86_64
6.0-2.el5	UMD-3-updates
38 k	
globus-gsi-openssl-error	x86_64
2.1-10.el5	UMD-3-updates
17 k	
globus-gsi-proxy-core	x86_64
6.2-9.el5	UMD-3-updates
38 k	
globus-gsi-proxy-ssl	x86_64
4.1-10.el5	UMD-3-updates
18 k	
globus-gsi-sysconfig	x86_64
5.3-8.el5	UMD-3-updates
31 k	
globus-gss-assist	x86_64
9.0-1.el5	UMD-3-updates
36 k	

globus-gssapi-error	x86_64
4.1-10.el5	UMD-3-updates
15 k	
globus-gssapi-gsi	x86_64
10.10-2.el5	UMD-3-updates
63 k	
globus-io	x86_64
9.5-1.el5	UMD-3-updates
45 k	
globus-openssl-module	x86_64
3.3-2.el5	UMD-3-updates
15 k	
globus-usage	x86_64
3.1-2.el5	UMD-3-updates
17 k	
globus-xio	x86_64
3.6-2.el5	UMD-3-updates
180 k	
globus-xio-gsi-driver	x86_64
2.4-1.el5	UMD-3-updates
38 k	
globus-xio-pipe-driver	x86_64
2.2-1.el5	UMD-3-updates
17 k	
globus-xio-popen-driver	x86_64
2.3-1.el5	UMD-3-updates
21 k	
glue-schema	noarch
2.0.11-1.el5	UMD-3-updates
34 k	
gridsite	x86_64
2.2.5-1.el5	UMD-3-updates
83 k	
gridsite-compat1.7	x86_64
1.7.29-1.el5	UMD-3-updates
40 k	
gridsite-libs	x86_64
2.2.5-1.el5	UMD-3-updates
133 k	
gsoap	x86_64
2.7.13-5.el5	UMD-3-updates
444 k	
httpd	x86_64
2.2.3-91.s15	s1-base
1.3 M	
json-c	x86_64
0.10-2.el5	UMD-3-updates
24 k	
lcg-expiregridmapdir	noarch
3.0.1-1	UMD-3-base
6.6 k	
lcgdm-dav	x86_64
0.15.1-1.el5	DPM.dpm.s15.x86_64
19 k	
lcgdm-dav-libs	x86_64
0.15.1-1.el5	DPM.dpm.s15.x86_64
43 k	
lcgdm-dav-server	x86_64
0.15.1-1.el5	DPM.dpm.s15.x86_64
96 k	

lcgdm-devel	x86_64
1.8.9-2.el5	DPM.dpm.sl5.x86_64
51 k	
lcgdm-libs	x86_64
1.8.9-2.el5	DPM.dpm.sl5.x86_64
117 k	
lib64ldap2.4_2	x86_64
2.4.22-1.el5	UMD-3-updates
300 k	
libicu	x86_64
3.6-5.16.1	sl-base
5.2 M	
libtool-ltdl	x86_64
1.5.22-7.el5_4	sl-base
38 k	
libxslt	x86_64
1.1.17-4.el5_8.3	sl-base
424 k	
mod_ssl	x86_64
1:2.2.3-91.sl5	sl-base
99 k	
mysql	x86_64
5.0.95-5.el5_9	sl-base
4.9 M	
openldap-clients	x86_64
2.3.43-28.el5_10	sl-base
224 k	
openldap-servers	x86_64
2.3.43-28.el5_10	sl-base
2.2 M	
openldap2.4	x86_64
2.4.22-1.el5	UMD-3-updates
40 k	
openldap2.4-clients	x86_64
2.4.22-1.el5	UMD-3-updates
298 k	
openldap2.4-extra-schemas	noarch
1.3-10.el5	UMD-3-updates
46 k	
openldap2.4-servers	x86_64
2.4.22-1.el5	UMD-3-updates
2.1 M	
perl-Compress-Zlib	x86_64
1.42-1.fc6	sl-base
52 k	
perl-Convert-ASN1	noarch
0.20-1.1	sl-base
42 k	
perl-Crypt-SSLeay	x86_64
0.51-11.el5	sl-base
45 k	
perl-DBI	x86_64
1.52-2.el5	sl-base
605 k	
perl-DateManip	noarch
5.44-1.2.1	sl-base
143 k	
perl-HTML-Parser	x86_64
3.55-1.fc6	sl-base
91 k	

```

perl-HTML-Tagset
3.10-2.1.1
15 k
perl-IO-Socket-SSL
1.01-2.el5
50 k
perl-LDAP
1:0.33-4.el5_8
313 k
perl-Net-SSLeay
1.30-4.fc6
192 k
perl-URI
1.35-3
116 k
perl-XML-DOM
1.44-2.el5
138 k
perl-XML-Namespacesupport
1.09-1.2.1
15 k
perl-XML-Parser
2.34-6.1.2.2.1
209 k
perl-XML-RegExp
0.03-2.el5
8.2 k
perl-XML-SAX
0.14-13.el5
77 k
perl-libwww-perl
5.805-1.1.1
376 k
postgresql-libs
8.1.23-10.el5_10
197 k
python-lxml
2.0.11-2.el5
1.8 M
python-uuid
1.30-3.el5
14 k
unixODBC-libs
2.2.11-10.el5
554 k
voms
2.0.11-1
165 k
sl-base noarch
sl-base noarch
sl-base noarch
sl-base x86_64
sl-base noarch
sl-base noarch
epel noarch
sl-base noarch
sl-base x86_64
epel noarch
sl-base noarch
sl-base noarch
sl-base x86_64
sl-security x86_64
sl-base x86_64
epel noarch
sl-base x86_64
UMD-3-updates x86_64

```

Transaction Summary

```

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

```

```

Install      110 Package(s)
Upgrade       0 Package(s)

```

```

Total download size: 30 M
}}}
```

```

{{{
[root@test08 ~]# yum install mysql-server

```

Dependencies Resolved

```
=====
=====
=====
Package                               Arch
Version                               Repository
Size
=====
=====
Installing:
mysql-server                           x86_64
5.0.95-5.el5_9                          sl-base
9.9 M
Installing for dependencies:
perl-DBD-MySQL                          x86_64
3.0007-2.el5                             sl-base
147 k
```

Transaction Summary

```
=====
=====
=====
Install      2 Package(s)
Upgrade      0 Package(s)
```

Total download size: 10 M
}}}

== YAIM reconfiguration ==

```
{
{
[root@test08 ~]# /opt/glite/yaim/bin/yaim -d 6 -c -s
/opt/glite/yaim/etc/site-info.def -n emi_dpm_mysql -n emi_dpm_disk
}}
```

== Testing ==

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

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

```
[rdiez@test13 ~]$ lcg-info --list-service --vo ops | grep cesga
- Service: cream.egi.cesga.es_org.glite.ce.CREAM_2584464575
- Service: httpg://se2.egi.cesga.es:8446/srm/managerv2
- Service: httpg://test08.egi.cesga.es:8446/srm/managerv2
- Service: local-http://lfc.egi.cesga.es:8085/
- Service: local-http://test09.egi.cesga.es:8085/
- Service: local-lfc.egi.cesga.es
- Service: local-test09.egi.cesga.es
- Service: test06.egi.cesga.es_org.glite.ce.CREAM_4167804123
- Service: test22.egi.cesga.es_org.glite.wms.WMProxy_4261324311
- Service: test31.egi.cesga.es_org.glite.ce.CREAM_4053595441
- Service: wms03.egi.cesga.es_org.glite.wms.WMProxy_1755854367
```

```
[rdiez@test13 ~]$ lcg-cr -v --vo ops file:/home/rdiez/hola.sh -l
lfn:/grid/ops/testc_rdiez4 -d test08.egi.cesga.es
```

```
[rdiez@test13 ~]$ lcg-cr -v --vo ops file:/home/rdiez/hola.sh -l
lfn:/grid/ops/testc_rdiez4 -d test08.egi.cesga.es
```

Using grid catalog type: lfc

```

Using grid catalog : test09.egi.cesga.es
Checksum type: None
SE type: SRMV2
Destination SURL :
srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2015-01-
14/file459aade1-c5df-43f3-b884-791b2a572a88
Source SRM Request Token: 49120fdd-72bd-408b-b172-f2446c68e599
Source URL: file:/home/rdiez/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/2015-01-
14/file459aade1-c5df-43f3-b884-791b2a572a88.1.0
# 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
      0 bytes      0.00 KB/sec avg      0.00 KB/sec inst
      0 bytes      0.00 KB/sec avg      0.00 KB/sec inst
      0 bytes      0.00 KB/sec avg      0.00 KB/sec inst
      0 bytes      0.00 KB/sec avg      0.00 KB/sec inst
      0 bytes      0.00 KB/sec avg      0.00 KB/sec inst
      0 bytes      0.00 KB/sec avg      0.00 KB/sec inst
      0 bytes      0.00 KB/sec avg      0.00 KB/sec inst
      0 bytes      0.00 KB/sec avg      0.00 KB/sec inst
      0 bytes      0.00 KB/sec avg      0.00 KB/sec inst
      38 bytes      0.00 KB/sec avg      0.00 KB/sec inst
      38 bytes      0.00 KB/sec avg      0.00 KB/sec inst

```

```

Transfer took 11010 ms
Using grid catalog type: lfc
Using grid catalog : test09.egi.cesga.es
Site URL to be registered:
srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2015-01-
14/file459aade1-c5df-43f3-b884-791b2a572a88
File size: 38
Using LFN: lfn:/grid/ops/testc_rdiez4
Using GUID: guid:3750cf5b-9697-4233-9cc6-b96977cbe1aa
Registering LFN: /grid/ops/testc_rdiez4 (3750cf5b-9697-4233-9cc6-
b96977cbe1aa)
Registering SURL:
srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2015-01-
14/file459aade1-c5df-43f3-b884-791b2a572a88 (3750cf5b-9697-4233-9cc6-
b96977cbe1aa)
guid:3750cf5b-9697-4233-9cc6-b96977cbe1aa

```

```

[rdiez@test13 ~]$ lcg-ls -v
srm://grid002.ft.uam.es:8443/pnfs/ft.uam.es/data/
SE type: SRMV2
/pnfs/ft.uam.es/data/temp
/pnfs/ft.uam.es/data/users
/pnfs/ft.uam.es/data/atlas
/pnfs/ft.uam.es/data/ops
/pnfs/ft.uam.es/data/dteam
/pnfs/ft.uam.es/data/ops.vo.ibergrid.eu
/pnfs/ft.uam.es/data/phys.vo.ibergrid.eu

```

```

[rdiez@test13 ~]$ lcg-cr -v --vo ops file:/home/rdiez/hola.sh -l
lfn:/grid/ops/filefgtest4 -d se2.egi.cesga.es
Using grid catalog type: lfc
Using grid catalog : test09.egi.cesga.es
Checksum type: None

```

```

SE type: SRMv2
Destination SURL :
srm://se2.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2015-01-
13/file4fd0ed3e-56b1-45ab-a408-50088fd22a28
Source SRM Request Token: ea99034f-4e48-4eda-b094-ca537fb9f92a
Source URL: file:/home/rdiez/hola.sh
File size: 38
VO name: ops
Destination specified: se2.egi.cesga.es
Destination URL for copy:
gsiftp://se2.egi.cesga.es/se2.egi.cesga.es:/mnt/xen01/ops/2015-01-
13/file4fd0ed3e-56b1-45ab-a408-50088fd22a28.18426045.0
# streams: 1
          0 bytes          0.00 KB/sec avg          0.00 KB/sec inst
          38 bytes          0.28 KB/sec avg          0.28 KB/sec inst

Transfer took 1000 ms
Using grid catalog type: lfc
Using grid catalog : test09.egi.cesga.es
Site URL to be registered:
srm://se2.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2015-01-
13/file4fd0ed3e-56b1-45ab-a408-50088fd22a28
File size: 38
Using LFN: lfn:/grid/ops/filefgtest4
Using GUID: guid:2229eda5-0e22-44e2-84aa-67be5d9f54da
Registering LFN: /grid/ops/filefgtest4 (2229eda5-0e22-44e2-84aa-
67be5d9f54da)
Registering SURL:
srm://se2.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2015-01-
13/file4fd0ed3e-56b1-45ab-a408-50088fd22a28 (2229eda5-0e22-44e2-84aa-
67be5d9f54da)
guid:2229eda5-0e22-44e2-84aa-67be5d9f54da

[rdiez@test13 ~]$ lcg-lr --vo ops lfn:/grid/ops/filefgtest4
srm://se2.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2015-01-
13/file4fd0ed3e-56b1-45ab-a408-50088fd22a28

[rdiez@test13 ~]$ lcg-del --vo ops -a lfn:/grid/ops/filefgtest4

[rdiez@test13 ~]$ lcg-lr --vo ops lfn:/grid/ops/filefgtest4
[LFC][lfc_getreplica][] test09.egi.cesga.es: /grid/ops/filefgtest4: No
such file or directory
lcg_lr: No such file or directory

}}}
```

New Features/Fixed Bugs

None

Additional Info

None