

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

Name of the component	DPM SL6/SL5		
Release	1.8.6	RT Ticket	#5110 #5111
Software Provider	EMI3		
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	22/03/13
Verification start date	18/03/13	Verification end date	22/03/13

**Summary:**

**No important issues found during verification process. DPM service also works using SHA-2 host certificates without problems.**

**UMD2 to UM3 migration workaround:**

- # yum remove emi-dpm\_mysql gridsite-libs emi-version emi-dpm\_disk gridsite
- # yum install emi-dpm\_mysql emi-dpm\_disk
- # yum update

**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>	12	0	0	12
	Specific Quality Criteria			
<b>TP</b>				
<b>VLD</b>	14	0	0	14

Criteria	Accepted (Y/N/N	Tested (TP/VLD)	Comments
<b>DOCUMENTATION QC</b>			
GENERIC_DOC_1 (Functional Description)	Y	VLD	
GENERIC_DOC_2 (Release Notes)	Y	VLD	
GENERIC_DOC_3 (User Documentation)	Y	VLD	
GENERIC_DOC_4 (Online help (man pages))	Y	VLD	
GENERIC_DOC_5 (API Documentation)	Y	VLD	
GENERIC_DOC_6 (Administrator Documentation)	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)	Y	VLD	
<b>SERVICE CRITERIA QC</b>			
GENERIC_SERVICE_1 (Service control and status)	Y	VLD	
GENERIC_SERVICE_2 (Log Files)	Y	VLD	
GENERIC_SERVICE_3 (Service Reliability)	Optional		
GENERIC_SERVICE_4 (Service Robustness)	Optional		
GENERIC_SERVICE_5 (Automatic Configuration)	Optional		
GENERIC_SERVICE_6 (Default Password Configura	Y	VLD	
GENERIC_SERVICE_7 (Default Configuration )	Y	VLD	
<b>SECURITY QC</b>			
GENERIC_SEC_1 (World Writable Files)			
GENERIC_SEC_3 (Passwords in world readable files)			
<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)	Optional		
AUTHN_CRED_3 (RFC Proxy support)	Optional		
AUTHN_PROTO_1 (TLS/SSLv3 Support)	Y	VLD	
AUTHN_DELEG_1 (Delegation Interface)	Y	VLD	
<b>AUTHORISATION QC</b>			
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>FILE ACCESS QC</b>			
FILEACC_API_1 (POSIX Read file access)	Optional		
FILEACC_API_2 (POSIX Write file access)	Optional		
<b>FILE TRANSFER QC</b>			
FILETRANS_API_1 (GridFTP File Access)	Y	VLD	
FILETRANS_API_2 (HTTPS File Access)			
FILETRANS_API_3 (WebDAV File Access)	Optional		
<b>STORAGE MANAGEMENT QC</b>			
STORAGE_API_1 (SRM API Support)			
STORAGE_API_2 (LCGUTILS test)			
STORAGE_DEVICE_1 (Information retrieval)	Y	VLD	
STORAGE_DEVICE_2 (Fine grained authorization)	Optional		
STORAGE_DEVICE_3 (Space reservations)	Optional		
STORAGE_DEVICE_4 (Checksum )	Optional		
<b>MONITORING PROBES QC</b>			
MON_PROBE_GENERIC_1 (Certificate Lifetime Prot	Optional		
MON_PROBE_GENERIC_2 (Service Probe)	Optional		
MON_PROBE_STORAGE_1 (SRM Probes)	Y	VLD	

**Validator comments:**  
**SL6**

```
# yum install emi-dpm_mysql emi-dpm_disk
```

```
=====
```

Package Repository	Size	Arch	Version	
Installing:				
emi-dpm_disk EMI.dpm.sl6.x86_64	3.0 k	x86_64	1.8.6-1.el6	
emi-dpm_mysql EMI.dpm.sl6.x86_64	3.2 k	x86_64	1.8.6-1.el6	
Installing for dependencies:				
CGSI-gSOAP EMI.dpm.sl6.x86_64	38 k	x86_64	1.3.5-2.el6	
MySQL-python 85 k		x86_64	1.2.3-0.3.c1.1.el6	sl
alsa-lib 369 k		x86_64	1.0.22-3.el6	sl
apr 122 k		x86_64	1.3.9-5.el6_2	sl
apr-util 86 k		x86_64	1.3.9-3.el6_0.1	sl
apr-util-ldap 15 k		x86_64	1.3.9-3.el6_0.1	sl
at 59 k		x86_64	3.1.10-43.el6_2.1	sl
atk 190 k		x86_64	1.28.0-2.el6	sl
audit-libs-python 58 k		x86_64	2.2-2.el6	sl
avahi-libs 53 k		x86_64	0.6.25-11.el6	sl
bc 109 k		x86_64	1.06.95-1.el6	sl
bdi EMI.dpm.sl6.x86_64	22 k	noarch	5.2.12-1.el6	
boost-regex 474 k		x86_64	1.41.0-11.el6_1.2	sl
cairo 308 k		x86_64	1.8.8-3.1.el6	sl
cdparanoia-libs 47 k		x86_64	10.2-5.1.el6	sl
cups 2.3 M		x86_64	1:1.4.2-48.el6	sl
cups-libs 315 k		x86_64	1:1.4.2-48.el6	sl
cvs 711 k		x86_64	1.11.23-11.el6_2.1	sl
dbus security	206 k	x86_64	1:1.2.24-7.el6_3	sl-
dmlite-libs EMI.dpm.sl6.x86_64	174 k	x86_64	0.4.2-1.el6	
dmlite-plugins-adapter EMI.dpm.sl6.x86_64	65 k	x86_64	0.4.0-1.el6	
dmlite-plugins-mysql EMI.dpm.sl6.x86_64	65 k	x86_64	0.4.1-1.el6	
dpm EMI.dpm.sl6.x86_64	151 k	x86_64	1.8.6-1.el6	
dpm-copy-server-mysql EMI.dpm.sl6.x86_64	122 k	x86_64	1.8.6-1.el6	
dpm-devel EMI.dpm.sl6.x86_64	204 k	x86_64	1.8.6-1.el6	
dpm-dsi EMI.dpm.sl6.x86_64	23 k	x86_64	1.8.3-2.el6	
dpm-libs EMI.dpm.sl6.x86_64	133 k	x86_64	1.8.6-1.el6	
dpm-name-server-mysql EMI.dpm.sl6.x86_64	124 k	x86_64	1.8.6-1.el6	

```
=====
```

dpm-perl EMI.dpm.sl6.x86_64	168 k	x86_64	1.8.6-1.el6	
dpm-python EMI.dpm.sl6.x86_64	204 k	x86_64	1.8.6-1.el6	
dpm-rfio-server EMI.dpm.sl6.x86_64	78 k	x86_64	1.8.6-1.el6	
dpm-server-mysql EMI.dpm.sl6.x86_64	107 k	x86_64	1.8.6-1.el6	
dpm-srm-server-mysql EMI.dpm.sl6.x86_64	289 k	x86_64	1.8.6-1.el6	
dpm-yaim EMI.dpm.sl6.x86_64	33 k	noarch	4.2.9-1.el6	
ed 71 k		x86_64	1.1-3.3.el6	sl
edg-mkgridmap EMI.dpm.sl6.x86_64	27 k	noarch	4.0.0-1	
emi-version EMI.dpm.sl6.x86_64	2.2 k	x86_64	2.6.0-1.sl6	
expect 255 k		x86_64	5.44.1.15-4.el6	sl
fetch-crl 45 k		noarch	3.0.8-1.el6	epel
finger 21 k		x86_64	0.17-39.el6	sl
fontconfig 185 k		x86_64	2.8.0-3.el6	sl
foomatic 250 k		x86_64	4.0.4-1.el6_1.1	sl
foomatic-db 979 k		noarch	4.0-7.20091126.el6	sl
foomatic-db-filesystem 3.4 k		noarch	4.0-7.20091126.el6	sl
foomatic-db-ppds 19 M		noarch	4.0-7.20091126.el6	sl
freetype 358 k		x86_64	2.3.11-6.el6_2.9	sl
gettext 1.8 M		x86_64	0.17-16.el6	sl
ghostscript security	4.4 M	x86_64	8.70-14.el6_3.1	sl-
ghostscript-fonts 749 k		noarch	5.50-23.1.el6	sl
glite-info-provider-service EMI.dpm.sl6.x86_64	61 k	noarch	1.9.0-5.el6	
glite-yaim-bdii EMI.dpm.sl6.x86_64	10 k	noarch	4.3.11-1.el6	
glite-yaim-core EMI.dpm.sl6.x86_64	102 k	noarch	5.1.0-1.sl6	
globus-authz 15 k		x86_64	2.2-1.el6	epel
globus-authz-callout-error 12 k		x86_64	2.2-1.el6	epel
globus-callout 18 k		x86_64	2.2-1.el6	epel
globus-common EMI.dpm.sl6.x86_64	115 k	x86_64	14.7-1.el6	
globus-ftp-client 95 k		x86_64	7.4-1.el6	epel
globus-ftp-control 68 k		x86_64	4.4-1.el6	epel
globus-gass-copy 35 k		x86_64	8.6-1.el6	epel
globus-gass-transfer 40 k		x86_64	7.2-1.el6	epel
globus-gfork 20 k		x86_64	3.2-1.el6	epel
globus-gridftp-server EMI.dpm.sl6.x86_64	154 k	x86_64	6.14-1.el6	
globus-gridftp-server-control EMI.dpm.sl6.x86_64	70 k	x86_64	2.7-1.el6	

globus-gridftp-server-progs EMI.dpm.sl6.x86_64	44 k	x86_64	6.14-1.e16	
globus-gsi-callback EMI.dpm.sl6.x86_64	38 k	x86_64	4.3-1.e16	
globus-gsi-cert-utils 20 k		x86_64	8.3-1.e16	epel
globus-gsi-credential 33 k		x86_64	5.3-1.e16	epel
globus-gsi-openssl-error 17 k		x86_64	2.1-2.e16	epel
globus-gsi-proxy-core 33 k		x86_64	6.2-1.e16	epel
globus-gsi-proxy-ssl 17 k		x86_64	4.1-2.e16	epel
globus-gsi-sysconfig 28 k		x86_64	5.3-1.e16	epel
globus-gss-assist 33 k		x86_64	8.6-1.e16	epel
globus-gssapi-error 14 k		x86_64	4.1-2.e16	epel
globus-gssapi-gsi 56 k		x86_64	10.7-1.e16	epel
globus-io 40 k		x86_64	9.3-1.e16	epel
globus-openssl-module 14 k		x86_64	3.2-1.e16	epel
globus-usage 17 k		x86_64	3.1-2.e16	epel
globus-xio 160 k		x86_64	3.3-1.e16	epel
globus-xio-gsi-driver 35 k		x86_64	2.3-1.e16	epel
globus-xio-pipe-driver 18 k		x86_64	2.2-1.e16	epel
globus-xio-popen-driver 21 k		x86_64	2.3-1.e16	epel
glue-schema EMI.dpm.sl6.x86_64	31 k	noarch	2.0.8-2.e16	
gnutls 341 k		x86_64	2.8.5-4.e16_2.2	sl
gridsite EMI.dpm.sl6.x86_64	75 k	x86_64	1.7.25-1.emi2.e16	
gridsite-libs EMI.dpm.sl6.x86_64	86 k	x86_64	1.7.25-1.emi2.e16	
gsoap 198 k		x86_64	2.7.16-3.e16	epel
gststreamer 763 k		x86_64	0.10.29-1.e16	sl
gststreamer-plugins-base 942 k		x86_64	0.10.29-1.e16	sl
gststreamer-tools 22 k		x86_64	0.10.29-1.e16	sl
gtk2 3.3 M		x86_64	2.18.9-10.e16	sl
hicolor-icon-theme 39 k		noarch	0.11-1.1.e16	sl
httpd 812 k		x86_64	2.2.15-15.sl6.1	sl
httpd-tools 69 k		x86_64	2.2.15-15.sl6.1	sl
iso-codes 2.4 M		noarch	3.16-2.e16	sl
jasper-libs 135 k		x86_64	1.900.1-15.e16_1.1	sl
json-c 24 k		x86_64	0.10-2.e16	epel
lcg-expiregridmapdir EMI.dpm.sl6.x86_64	6.7 k	noarch	3.0.1-1	
lcgdm-dav EMI.dpm.sl6.x86_64	16 k	x86_64	0.11.0-2.e16	

lcmdm-dav-libs EMI.dpm.sl6.x86_64	34 k	x86_64	0.11.0-2.e16	
lcmdm-dav-server EMI.dpm.sl6.x86_64	74 k	x86_64	0.11.0-2.e16	
lcmdm-devel EMI.dpm.sl6.x86_64	44 k	x86_64	1.8.6-1.e16	
lcmdm-libs EMI.dpm.sl6.x86_64	91 k	x86_64	1.8.6-1.e16	
lcms-libs 99 k		x86_64	1.19-1.e16	sl
libICE 52 k		x86_64	1.0.6-1.e16	sl
libSM 25 k		x86_64	1.1.0-7.1.e16	sl
libX11 581 k		x86_64	1.3-2.e16	sl
libX11-common 187 k		noarch	1.3-2.e16	sl
libXau 21 k		x86_64	1.0.5-1.e16	sl
libXcomposite 16 k		x86_64	0.4.1-2.e16	sl
libXcursor 31 k		x86_64	1.1.10-2.e16	sl
libXdamage 15 k		x86_64	1.1.2-1.e16	sl
libXext 32 k		x86_64	1.1-3.e16	sl
libXfixes 19 k		x86_64	4.0.4-1.e16	sl
libXfont 127 k		x86_64	1.4.1-2.e16_1	sl
libXft 48 k		x86_64	2.1.13-4.1.e16	sl
libXi 31 k		x86_64	1.3-3.e16	sl
libXinerama 14 k		x86_64	1.1-1.e16	sl
libXrandr 29 k		x86_64	1.3.0-4.e16	sl
libXrender 26 k		x86_64	0.9.5-1.e16	sl
libXt 173 k		x86_64	1.0.7-1.e16	sl
libXtst 21 k		x86_64	1.0.99.2-3.e16	sl
libXv 20 k		x86_64	1.0.5-1.e16	sl
libXxf86vm 18 k		x86_64	1.1.0-1.e16	sl
libfontenc 24 k		x86_64	1.0.5-2.e16	sl
libgomp 116 k		x86_64	4.4.6-4.e16	sl
libgudev1 58 k		x86_64	147-2.41.e16	sl
libcups 4.9 M		x86_64	4.2.1-9.1.e16_2	sl
libjpeg 133 k		x86_64	6b-46.e16	sl
libmng 164 k		x86_64	1.0.10-4.1.e16	sl
libogg 20 k		x86_64	2:1.1.4-2.1.e16	sl
liboil 120 k		x86_64	0.3.16-4.1.e16	sl
libpng 181 k		x86_64	2:1.2.49-1.e16_2	sl
libselinux-python 201 k		x86_64	2.0.94-5.3.e16	sl

libsemanage-python 80 k		x86_64	2.0.43-4.1.e16	sl
libtasn1 237 k		x86_64	2.3-3.e16_2.1	sl
libthai 182 k		x86_64	0.1.12-3.e16	sl
libtheora 128 k		x86_64	1:1.1.0-2.e16	sl
libtiff security	341 k	x86_64	3.9.4-9.e16_3	sl-
libtool-ltdl 43 k		x86_64	2.2.6-15.5.e16	sl
libudev 74 k		x86_64	147-2.41.e16	sl
libvisual 134 k		x86_64	0.4.0-9.1.e16	sl
libvorbis 167 k		x86_64	1:1.2.3-4.e16_2.1	sl
libxcb 99 k		x86_64	1.5-1.e16	sl
libxslt security	451 k	x86_64	1.1.26-2.e16_3.1	sl-
mailcap 26 k		noarch	2.1.31-2.e16	sl
make 388 k		x86_64	1:3.81-20.e16	sl
mesa-dri-drivers 11 M		x86_64	7.11-5.e16	sl
mesa-libGL 144 k		x86_64	7.11-5.e16	sl
mesa-libGLU 200 k		x86_64	7.11-5.e16	sl
mod_ssl 86 k		x86_64	1:2.2.15-15.sl6.1	sl
mysql security	884 k	x86_64	5.1.66-2.e16_3	sl-
openjpeg-libs security	58 k	x86_64	1.3-9.e16_3	sl-
openldap-clients security	163 k	x86_64	2.4.23-26.e16_3.2	sl-
openldap-servers security	2.0 M	x86_64	2.4.23-26.e16_3.2	sl-
pango 350 k		x86_64	1.28.1-3.e16_0.5	sl
patch 90 k		x86_64	2.6-6.e16	sl
pax 68 k		x86_64	3.4-10.1.e16	sl
perl 10 M		x86_64	4:5.10.1-127.e16	sl
perl-Authen-SASL 50 k		noarch	2.13-2.e16	sl
perl-CGI 206 k		x86_64	3.51-127.e16	sl
perl-Compress-Raw-Zlib 67 k		x86_64	1:2.020-127.e16	sl
perl-Compress-Zlib 42 k		x86_64	2.020-127.e16	sl
perl-Convert-ASN1 42 k		noarch	0.22-1.e16	sl
perl-Crypt-SSLeay 138 k		x86_64	0.57-16.e16	sl
perl-DBI 704 k		x86_64	1.609-4.e16	sl
perl-Date-Manip 1.3 M		noarch	6.24-1.e16	sl
perl-Digest-HMAC 21 k		noarch	1.01-22.e16	sl
perl-Digest-SHA1 48 k		x86_64	2.12-2.e16	sl



perl-ExtUtils-MakeMaker 290 k	x86_64	6.55-127.e16	sl
perl-ExtUtils-ParseXS 42 k	x86_64	1:2.2003.0-127.e16	sl
perl-GSSAPI 63 k	x86_64	0.26-5.e16	sl
perl-HTML-Parser 108 k	x86_64	3.64-2.e16	sl
perl-HTML-Tagset 15 k	noarch	3.20-4.e16	sl
perl-IO-Compress-Base 66 k	x86_64	2.020-127.e16	sl
perl-IO-Compress-Zlib 133 k	x86_64	2.020-127.e16	sl
perl-IO-Socket-SSL 68 k	noarch	1.31-2.e16	sl
perl-LDAP 353 k	noarch	1:0.40-1.e16	sl
perl-Module-Pluggable 37 k	x86_64	1:3.90-127.e16	sl
perl-Net-LibIDN 34 k	x86_64	0.12-3.e16	sl
perl-Net-SSLeay 172 k	x86_64	1.35-9.e16	sl
perl-Pod-Escapes 30 k	x86_64	1:1.04-127.e16	sl
perl-Pod-Simple 209 k	x86_64	1:3.13-127.e16	sl
perl-TermReadKey 30 k	x86_64	2.30-13.e16	sl
perl-Test-Harness 229 k	x86_64	3.17-127.e16	sl
perl-Test-Simple 110 k	x86_64	0.92-127.e16	sl
perl-Text-Iconv 21 k	x86_64	1.7-6.e16	sl
perl-URI 116 k	noarch	1.40-2.e16	sl
perl-XML-DOM 135 k	noarch	1.44-7.e16	sl
perl-XML-Filter-BufferText 8.5 k	noarch	1.01-8.e16	sl
perl-XML-LibXML 363 k	x86_64	1:1.70-5.e16	sl
perl-XML-Namespacesupport 16 k	noarch	1.10-3.e16	sl
perl-XML-Parser 223 k	x86_64	2.36-7.e16	sl
perl-XML-RegExp 8.8 k	noarch	0.03-7.e16	sl
perl-XML-SAX 77 k	noarch	0.96-7.e16	sl
perl-XML-SAX-Writer 23 k	noarch	0.50-8.e16	sl
perl-YAML-Syck 74 k	x86_64	1.07-4.e16	sl
perl-devel 420 k	x86_64	4:5.10.1-127.e16	sl
perl-libs 575 k	x86_64	4:5.10.1-127.e16	sl
perl-libwww-perl 386 k	noarch	5.833-2.e16	sl
perl-version 48 k	x86_64	3:0.77-127.e16	sl
phonon-backend-gstreamer 125 k	x86_64	1:4.6.2-24.e16	sl
pixman 146 k	x86_64	0.18.4-1.e16_0.1	sl
pkgconfig 69 k	x86_64	1:0.23-9.1.e16	sl

polycycoreutils-python 339 k	x86_64	2.0.83-19.24.e16	sl
poppler 556 k	x86_64	0.12.4-3.e16_0.1	sl
poppler-data 2.2 M	noarch	0.4.0-1.e16	sl
poppler-utils 72 k	x86_64	0.12.4-3.e16_0.1	sl
portreserve 22 k	x86_64	0.0.4-9.e16	sl
python-lxml 2.0 M	x86_64	2.2.3-1.1.e16	sl
qt 4.0 M	x86_64	1:4.6.2-24.e16	sl
qt-sqlite 50 k	x86_64	1:4.6.2-24.e16	sl
qt-x11 12 M	x86_64	1:4.6.2-24.e16	sl
qt3 3.5 M	x86_64	3.3.8b-30.e16	sl
redhat-lsb 23 k	x86_64	4.0-3.e16	sl
redhat-lsb-graphics 11 k	x86_64	4.0-3.e16	sl
redhat-lsb-printing 9.6 k	x86_64	4.0-3.e16	sl
setools-libs 399 k	x86_64	3.3.7-4.e16	sl
setools-libs-python 221 k	x86_64	3.3.7-4.e16	sl
tcl 1.9 M	x86_64	1:8.5.7-6.e16	sl
time 25 k	x86_64	1.7-37.1.e16	sl
tmpwatch 30 k	x86_64	2.9.16-4.e16	sl
urw-fonts 3.0 M	noarch	2.4-10.e16	sl
voms EMI.dpm.sl6.x86_64 136 k	x86_64	2.0.9-1.e16	
xml-common 8.4 k	noarch	0.6.3-32.e16	sl
xorg-x11-font-utils 74 k	x86_64	1:7.2-11.e16	sl

Transaction Summary

=====

Install 227 Package(s)

**# yum install mysql-server**

**# /opt/glite/yaim/bin/yaim -c -s site-info.def -n emi\_dpm\_mysql -n emi\_dpm\_disk**

**# ./create-default-dirs-DPM.sh**

# ldapsearch -x -H ldap://test08.egi.cesga.es:2170 -b o=grid

# extended LDIF

#

```
# LDAPv3
# base <o=grid> with scope subtree
# filter: (objectclass=*)
# requesting: ALL
#

# grid
dn: o=grid
objectClass: organization
o: grid

# local, grid
dn: Mds-Vo-name=local,o=grid
Mds-Vo-name: local
objectClass: Mds

# resource, grid
dn: Mds-Vo-name=resource,o=grid
Mds-Vo-name: resource
objectClass: Mds

# test08.egi.cesga.es, resource, grid
dn: GlueSEUniqueID=test08.egi.cesga.es,Mds-Vo-name=resource,o=grid
GlueSEImplementationVersion: 1.8.6
GlueSETotalOnlineSize: 23
GlueSEStatus: Production
objectClass: GlueTop
objectClass: GlueSE
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueSETotalNearlineSize: 0
GlueSEArchitecture: multidisk
GlueSESizeTotal: 23
GlueSESizeFree: 20
...

$ uberftp test08.egi.cesga.es 'ls /etc/hosts'
220 test08.egi.cesga.es GridFTP Server 6.14 (gcc64, 1342551528-83) [Globus Toolkit 5.2.1] ready.
230 User opssgm003 logged in.
-rw-r--r-- 1 root root 158 Jan 12 14:28 /etc/hosts

$globus-url-copy file:/home/asimon/test.sh gsiftp://test08.egi.cesga.es/tmp/deleteme.test

[root@test08 tmp]# ls -l
total 8
-rw-r--r-- 1 opssgm003 opssgm 122 Feb 1 10:09 deleteme.test

$ export LFC_HOST=test08.egi.cesga.es

$ lfc-ls /dpm/egi.cesga.es/home/ops
generated
```

```
$ export LCG_GFAL_INFOSYS=test08.egi.cesga.es:2170
```

```
$ lcg-cr -v --vo ops file:/home/asimon/test.sh -l lfn:/dpm/egi.cesga.es/home/ops/generated/my_test -d test08.egi.cesga.es
```

```
Using grid catalog type: lfc
```

```
Using grid catalog : test08.egi.cesga.es
```

```
Checksum type: None
```

```
SE type: SRMv2
```

```
Destination SURL : srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2013-02-01/filecd0d4a88-52c3-4d0d-9aa5-44cbbedb180e
```

```
Source SRM Request Token: e8232030-53f8-402a-8fe2-d33222d71447
```

```
Source URL: file:/home/asimon/test.sh
```

```
File size: 122
```

```
VO name: ops
```

```
Destination specified: test08.egi.cesga.es
```

```
Destination URL for copy: gsiftp://test08.egi.cesga.es/test08.egi.cesga.es:/storage/ops/2013-02-01/filecd0d4a88-52c3-4d0d-9aa5-44cbbedb180e.1.0
```

```
# streams: 1
```

```
122 bytes      0.99 KB/sec avg      0.99 KB/sec inst
```

```
Transfer took 1000 ms
```

```
Using grid catalog type: lfc
```

```
Using grid catalog : test08.egi.cesga.es
```

```
Site URL to be registered: srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2013-02-01/filecd0d4a88-52c3-4d0d-9aa5-44cbbedb180e
```

```
File size: 122
```

```
Using LFN: lfn:/dpm/egi.cesga.es/home/ops/generated/my_test
```

```
Using GUID: guid:bf8b4857-18a9-44cb-b38c-f5e9ace66528
```

```
Registering LFN: /dpm/egi.cesga.es/home/ops/generated/my_test (bf8b4857-18a9-44cb-b38c-f5e9ace66528)
```

```
Registering SURL: srm://test08.egi.cesga.es/dpm/egi.cesga.es/home/ops/generated/2013-02-01/filecd0d4a88-52c3-4d0d-9aa5-44cbbedb180e (bf8b4857-18a9-44cb-b38c-f5e9ace66528)
```

```
guid:bf8b4857-18a9-44cb-b38c-f5e9ace66528
```

```
$ lfc-ls -l /dpm/egi.cesga.es/home/ops/generated/my_test
```

```
-rw-rw-r-- 1 101 101 122 Feb 01 10:27 /dpm/egi.cesga.es/home/ops/generated/my_test
```

```
$ dpns-mkdir /dpm/egi.cesga.es/home/ops/mytest
```

```
$ dpns-ls /dpm/egi.cesga.es/home/ops
```

```
generated
```

```
mytest
```

**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:**