

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

Name of the component	UI		
Release	2.0.0	RT Ticket	3887
Software Provider			
Release Contact	Name: Cristina Aiftimiei	E-Mail cristina.aiftimiei@pd.infn.it	
Validator	Name: Mario David	E-Mail: david@lip.pt	
V. Hours Worked			
Component status	3	Date	
Verification start date	12 June 2012	Verification end date	12 June 2012

Summary:

**Data management tools tested
lcg-infosites also tested
voms-proxy also tested
Job submission tools not tested**

GGUS Tickets:

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	7	1		8
	Specific Quality Criteria			
TP				
VLD	2			2

Quality Criteria verification cheatsheet:

Criteria	Accepted (Y/N/I)	Tested (T/P/N)	Comments
DOCUMENTATION QC			
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))	Optional		
GENERIC_DOC_5 (API Documentation)	Y	VLD	
GENERIC_DOC_6 (Administrator Documentation)	Optional		
GENERIC_DOC_7 (Service Reference Card)	Optional		
GENERIC_DOC_8 (Software License)	Y	VLD	
GENERIC_DOC_9 (Release changes testing)			
SOFTWARE DISTRIBUTION QC			
GENERIC_DIST_1 (Source Code Availability)	Y	VLD	
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	
SOFTWARE FEATURES QC			
GENERIC_SOFT_1 (Backwards Compatibility)	N	VLD	Major release, not quite backward compat
GENERIC_SOFT_2 (New features testing)			
SERVICE CRITERIA QC			
GENERIC_SERVICE_5 (Automatic Configuration)	Y	VLD	yaim configuration
GENERIC_SERVICE_6 (Default Password Configuration)			
SECURITY QC			
GENERIC_SEC_1 (World Writable Files)			
GENERIC_SEC_3 (Passwords in world readable files)			
MISCELLANEOUS QC			
GENERIC_MISC_2 (Bug Tracking System)	Y	VLD	
AUTHENTICATION QC			
AUTHN_IFACE_1 (X.509 Certificate support)	Y	VLD	
CLIENT TOOLS QC			

Validator comments:

Upgrading from a UMD1 version
yum update – FAILED due to dependencies
I have done:
yum remove lcg-util-py26

After this: yum update – OK
And re-installed
yum install emi-ui – OK

I have re-configured with yaim – OK

Some client commands
[david@ui03 ~]\$ voms-proxy-init -voms dteam
Enter GRID pass phrase:
Your identity: /C=PT/O=LIPCA/O=LIP/OU=Lisboa/CN=Mario David
Creating temporary proxy Done
Contacting voms2.hellasgrid.gr:15004
[/C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms2.hellasgrid.gr] "dteam" Done
Creating proxy Done

Your proxy is valid until Wed Jun 13 03:10:32 2012

```
[david@ui03 ~]$ lcg-cp -v --vo dteam file:/home/csys/david/ganglia-lip-2.png
srm://srm02.lip.pt/dteam/caneco4
Using grid catalog type: UNKNOWN
Using grid catalog : prod-lfc-shared-central.cern.ch
VO name: dteam
Checksum type: None
Destination SE type: SRMv2
Destination SRM Request Token: 6bda1f71-f826-412e-9b68-7df07550ded6
Source URL: file:/home/csys/david/ganglia-lip-2.png
File size: 273504
Source URL for copy: file:/home/csys/david/ganglia-lip-2.png
Destination URL: gsiftp://gftp03.lip.pt:2811//lustre/data1/dteam//caneco4
# streams: 1
      273504 bytes  2204.29 KB/sec avg  2204.29 KB/sec inst
Transfer took 1010 ms
```

```
[david@ui03 ~]$ lcg-infosites --vo dteam ce
# CPU      Free Total Jobs    Running      Waiting      ComputingElement
-----
 1872    29      1569           1166    403 abaddon.hec.lanacs.ac.uk:8443/cream-lsf-hex
 1104    224       0    0  444444adm01.atlas.ualberta.ca:8443/cream-pbs-dteam
  388     3        0    0  444444agh5.atlas.unimelb.edu.au:8443/cream-pbs-dteam
...
```

```
[david@ui03 ~]$ lcg-ls -l srm://srm02.lip.pt/dteam/
dr-xr-xr-x 1 2 2 0 UNKNOWN /dteam/generated
-rw-rw-rw- 1 2 2 589415080 ONLINE /dteam/xdxd
* Checksum: 1cafc663 (ADLER32)
-rw-rw-rw- 1 2 2 330 ONLINE /dteam/FFread2
...
```

```
[david@ui03 ~]$ lcg-get-checksum srm://srm02.lip.pt/dteam/FFread2
4db16472 srm://srm02.lip.pt/dteam/FFread2
```

```
[david@ui03 ~]$ lcg-geturls srm://srm02.lip.pt/dteam/FFread2
gsiftp://gftp03.lip.pt:2811//lustre/data1/dteam//FFread2
```

```
[david@ui03 ~]$ lfc-ls -l /grid/dteam
-r-xr-xr-x 1 20124 2688 12 May 09 2011 .fuse_hidden0000000200000001
-rw----- 1 19310 2688 0 Oct 04 2006 .m.swo
-rw----- 1 19310 2688 0 Oct 04 2006 .m.swp
-rw-rw-r-- 1 19035 2688 10240000 Jul 04 2006 060704_test10
-rw-rw-r-- 1 19035 2688 10240000 Jul 04 2006 060704_test11
...
```

```
[david@ui03 ~]$ lcg-cr -v --vo dteam -d srm://srm02.lip.pt/dteam/caramelo33 -l
lfn:/grid/dteam/mdavid/mais1 file:/home/csys/david/ganglia-lip-2.png
Using grid catalog type: lfc
Using grid catalog : prod-lfc-shared-central.cern.ch
Checksum type: None
SE type: SRMv2
```

Destination SURL : srm://srm02.lip.pt/dteam/caramelo33
 Source SRM Request Token: 6a308c86-7173-48e8-ba72-56f158b7f69d
 Source URL: file:/home/csys/david/ganglia-lip-2.png
 File size: 273504
 VO name: dteam
 Destination specified: srm://srm02.lip.pt/dteam/caramelo33
 Destination URL for copy: gsiftp://gftp03.lip.pt:2811//lustre/data1/dteam//caramelo33
 # streams: 1
 273504 bytes 2388.88 KB/sec avg 2388.88 KB/sec inst
 Transfer took 1010 ms
 Using grid catalog type: lfc
 Using grid catalog : prod-lfc-shared-central.cern.ch
 Site URL to be registered: srm://srm02.lip.pt/dteam/caramelo33
 File size: 273504
 Using LFN: lfn:/grid/dteam/mdavid/mais1
 Using GUID: guid:92ef15da-9a62-43e5-9816-d7b7e900d4fe
 Registering LFN: /grid/dteam/mdavid/mais1 (92ef15da-9a62-43e5-9816-d7b7e900d4fe)
 Registering SURL: srm://srm02.lip.pt/dteam/caramelo33 (92ef15da-9a62-43e5-9816-d7b7e900d4fe)
 guid:92ef15da-9a62-43e5-9816-d7b7e900d4fe
 Did not test the Job submission

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: