

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

Name of the component	LFC		
Release	1.8.5	RT Ticket	4721
Software Provider	EMI		
Release Contact	Name:	E-Mail	
	cristina.aiftimiei@pd.infn.it		
Validator	Name:	E-Mail	
	Mario David (david@lip.pt)		
V. Hours Worked	2		
Component status	ACCEPT	Date	7 December 2012
Verification start date	7 December 2012	Verification end date	7 December 2012

Summary:

- Update from LFC 1.8.4
- YAIM has been run, the DB scripts to update the schema have run inside the yaim, with success.

GGUS Tickets:

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP	1			1
VLD	19			19
	Specific Quality Criteria			
TP	6			6
VLD	4			5

Quality Criteria verification cheatsheet:

Criteria	Accepted (Y/N/NA)	Tested (TP/VLD)
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))	Y	VLD
GENERIC_DOC_5 (API Documentation)	Optional	
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)	Y	TP
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)	Y	VLD
GENERIC_SOFT_2 (New features testing)	Y	VLD
SERVICE CRITERIA QC		
GENERIC_SERVICE_1 (Service control and sta	Y	VLD
GENERIC_SERVICE_2 (Log Files)	Y	VLD
GENERIC_SERVICE_3 (Service Reliability)	Y	VLD
GENERIC_SERVICE_4 (Service Robustness)		
GENERIC_SERVICE_5 (Automatic Configuration)	Y	VLD
GENERIC_SERVICE_6 (Default Password Conf	Y	VLD
GENERIC_SERVICE_7 (Default Configuration)		
SECURITY QC		
GENERIC_SEC_1 (World Writable Files)	Y	VLD
GENERIC_SEC_3 (Passwords in world readable)	Y	VLD
MISCELLANEOUS QC		
GENERIC_MISC_1 (Bug Tracking System)	Y	VLD
AUTHENTICATION QC		
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)		
AUTHORISATION QC		
AUTHZ_PCYDEF_3 (Ban UserGroup of users)		
AUTHZ_PCYDEF_4 (Allowed users definition)		
AUTHZ_PEP_2 (User Mapping)		
METADATA CATALOGUE QC		
METADATA_LFC_API_1 (LFC API)	Y	TP
METADATA_LFC_FUNC_1 (Directory Managem	Y	TP
METADATA_LFC_FUNC_2 (ACL Operations)	Y	TP
METADATA_LFC_FUNC_3 (Entry Comments)	Y	TP
METADATA_LFC_FUNC_4 (UserGroup Map Ma	Y	TP
METADATA_LFC_FUNC_5 (Entry Management)	Y	TP
MONITORING PROBES QC		
MON_PROBE_GENERIC_1 (Certificate Lifetime)	Y	VLD
MON_PROBE_GENERIC_2 (Service Probe)	Y	VLD
MON_PROBE_METADATA_1 (LFC Probes)	Y	VLD
CLIENT TOOLS QC		
CLIENT_TOOLS_1 (Command line options cohe	Optional	
CLIENT_TOOLS_2 (Error Messages)	Optional	

Validator comments:

The service is working OK

It is in production for some days now, passing SAM/Nagios tests and serving local-lfc ops and several central Ibergrid regional VO's.

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: