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

Name of the component	DPM		
Release	1.8.5	RT Ticket	4725
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:
- Urgent release solves a security vulnerability found in previous version.
- Update from version 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				
VLD	9			9

Quality Criteria verification cheatsheet:

Criteria	Accepted (Y/	Tested (TP/	Comments
DOCUMENTATION QC			
GENERIC_DOC_1 (Functional Description)	Y	VLD	https://svnweb.cern.ch/trac/lcgdm/wiki/Dpm
GENERIC_DOC_2 (Release Notes)	Y	VLD	
GENERIC_DOC_3 (User Documentation)	Y	VLD	https://svnweb.cern.ch/trac/lcgdm/wiki/Dpm/User/Tutorial
GENERIC_DOC_4 (Online help (man pages))	Y	VLD	man pages
GENERIC_DOC_5 (API Documentation)	Y	VLD	http://grid-deployment.web.cern.ch/grid-deployment/documentation/LFC_DPM/dpm/
GENERIC_DOC_6 (Administrator Documentatio	Y	VLD	https://svnweb.cern.ch/trac/lcgdm/wiki/Dpm
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	https://svnweb.cern.ch/trac/lcgdm/wiki/Dpm/Admin/ReferenceCard
GENERIC_DOC_8 (Software License)	Y	VLD	Apache2
GENERIC_DOC_9 (Release changes testing)	Y	TP	
SOFTWARE DISTRIBUTION QC			
GENERIC_DIST_1 (Source Code Availability)	Y	VLD	http://svn.cern.ch/guest/lcgdm/lcg-dm/tags/
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	
SOFTWARE FEATURES QC			
GENERIC_SOFT_1 (Backwards Compatibility)	Y	VLD	an sql is available for DB schma upgrade
GENERIC_SOFT_2 (New features testing)	Y	VLD	some of the new features where tested (not all)
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	service running for some days in production
GENERIC_SERVICE_4 (Service Robustness)	Optional		
GENERIC_SERVICE_5 (Automatic Configuratio	Y	VLD	YAIM configuration framework
GENERIC_SERVICE_6 (Default Password Conf	Y	VLD	no default passwords
SECURITY QC			
GENERIC_SEC_1 (World Writable Files)	Y	VLD	
GENERIC_SEC_3 (Passwords in world readable	Y	VLD	
MISCELLANEOUS QC			
GENERIC_MISC_2 (Bug Tracking System)	Y	VLD	https://its.cern.ch/jira/browse/LCGDM
AUTHENTICATION QC			
AUTHN_IFACE_1 (X.509 Certificate support)	Y	VLD	
AUTHN_DELEG_1 (Delegation Interface)	Y	VLD	
AUTHORISATION QC			
AUTHZ_PCYDEF_3 (Ban User/FQAN)			Not verified
AUTHZ_PCYDEF_4 (Allowed users definition)			Not verified
AUTHZ_PEP_1 (Policy Enforcement)			Not verified
AUTHZ_PEP_2 (User Mapping)			Not verified
FILE ACCESS QC			
FILEACC_API_1 (POSIX Read file access)	Optional		
FILEACC_API_2 (POSIX Write file access)	Optional		
FILE TRANSFER QC			
FILETRANS_API_1 (GridFTP File Access)	Y	VLD	
FILETRANS_API_2 (HTTPS File Access)			Not verified
FILETRANS_API_3 (WebDAV File Access)	Optional		
STORAGE MANAGEMENT QC			
STORAGE_API_1 (SRM API Support)	Y	VLD	
STORAGE_API_2 (LCG-UTILS test)	Y	VLD	
STORAGE_DEVICE_1 (Information retrieval)	Y	VLD	
STORAGE_DEVICE_2 (Fine grained authorizati	Optional		
STORAGE_DEVICE_3 (Space reservations)	Y	VLD	
STORAGE_DEVICE_4 (Checksum)	Y	VLD	
MONITORING PROBES QC			
MON_PROBE_GENERIC_1 (Certificate Lifetime	Y	VLD	
MON_PROBE_GENERIC_2 (Service Probe)	Optional		
MON_PROBE_STORAGE_1 (SRM Probes)			

Validator comments:

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: