

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

Name of the component	StoRM		
Release	1.10.0	RT Ticket	4146/4147
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	2		
Component status	OK	Date	27 July 2012
Verification start date	27 July 2012	Verification end date	27 July 2012

Summary:

This report contains the test both for SL5 and SL6
Overall service is OK in both, in SL5 this was done in a production instance
For SL5 we have done an update directly from UMD1 storm 1.8.2 directly to UMD2 storm 1.10.0
I did a reconfiguration
Services started OK. SAM Nagios OK, atlas and cms transfers OK

For SL6 I did an update from UMD2 storm 1.9.0 to 1.10.0
Yaim re configuration OK

GGUS Tickets:

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	15			15
	Specific Quality Criteria			
TP				
VLD	6			6

Quality Criteria verification cheatsheet:

Criteria	Accepted (Y/N/NA)	Tested (TP/VLD)	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)	Y	VLD	
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	
GENERIC_DOC_8 (Software License)	Y	VLD	
GENERIC_DOC_9 (Release changes testing)			not tested all changes
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 status)	Y	VLD	
GENERIC_SERVICE_2 (Log Files)	Y	VLD	
GENERIC_SERVICE_3 (Service Reliability)	Optional		
GENERIC_SERVICE_4 (Service Robustness)			
GENERIC_SERVICE_5 (Automatic Configuration)	Y	VLD	YAIM
GENERIC_SERVICE_6 (Default Password Configuration)	Y	VLD	No default passwd
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	
AUTHN_DELEG_1 (Delegation Interface)			
AUTHORISATION QC			
AUTHZ_PCYDEF_3 (Ban User/FQAN)			not tested
AUTHZ_PCYDEF_4 (Allowed users definition)			not tested
AUTHZ_PEP_1 (Policy Enforcement)			not tested
AUTHZ_PEP_2 (User Mapping)			not tested
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 tested
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)			not tested
STORAGE_DEVICE_2 (Fine grained authorization)	Optional		
STORAGE_DEVICE_3 (Space reservations)	Optional		
STORAGE_DEVICE_4 (Checksum)	Y	VLD	
MONITORING PROBES QC			
MON_PROBE_GENERIC_1 (Certificate Lifetime Probe)	Optional		
MON_PROBE_GENERIC_2 (Service Probe)	Optional		
MON_PROBE_STORAGE_1 (SRM Probes)			not tested

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: