

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

Name of the component	Globus-gram5		
Release	5.2.1	RT Ticket	4076
Software Provider	IGE		
Release Contact	Name: Mattias Ellert	E-Mail	mattias.ellert@fys ast.uu.se
Validator	Name: Emmanouil Paisios	E-Mail	paisios@lrz.de
V. Hours Worked	8		
Component status	VERIFIED	Date	31.07.2012
Verification start date	30.07.2012	Verification end date	01.08.2012

Summary:

This release of GRAM5 fixes an important bug (https://ggus.eu/tech/ticket_show.php?ticket=82377) this issue was blocking moving this service into production. There are several other bugfixes and features which are detailed here: <http://globus.org/toolkit/docs/5.2/5.2.1/gram5/rn/#gram5RN>

GGUS Tickets:

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP	4		1	5
VLD	7			7
	Specific Quality Criteria			
TP	7	2		9
VLD	7			7

Quality Criteria verification cheatsheet:

Criteria	Accepted (Y/N/NA)	Tested (TP/VLD)	Comments
DOCUMENTATION QC			
GENERIC_DOC_1 (Functional Description)	Optional		
GENERIC_DOC_2 (Release Notes)	Y	VLD	
GENERIC_DOC_3 (User Documentation)	Optional		
GENERIC_DOC_4 (Online help (man pages))	Optional		
GENERIC_DOC_5 (API Documentation)	Optional		
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)	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	TP	
GENERIC_SOFT_2 (New features testing)	Y	TP	
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)	Optional		
GENERIC_SERVICE_6 (Default Password Configuration)	NA	VLD	
SECURITY QC			
GENERIC_SEC_1 (World Writable Files)	Y	TP	

GENERIC_SEC_3 (Passwords in world readable files)	NA		
MISCELLANEOUS QC			
GENERIC_MISC_2 (Bug Tracking System)			
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)	Y	TP	
AUTHZ_PCYDEF_4 (Allowed users definition)	Y	TP	
AUTHZ_PEP_1 (Policy Enforcement)	NA		
AUTHZ_PEP_2 (User Mapping)	Y	VLD	
JOB EXECUTION QC			
JOBEXEC_IFACE_1 (Job Execution Interface)	Y	VLD	
JOBEXEC_JOB_1 (Simple Job)	Y	VLD	
JOBEXEC_JOB_2 (Simple Job with input/output files)	Y	VLD	
JOBEXEC_JOB_3 (Cancel Job)	Y	VLD	
JOBEXEC_EXECMNG R_1 (Not Invasive Deployment)	NA		
JOBEXEC_EXECMNG R_2 (Job Management)	Y	TP	
JOBEXEC_EXECMNG R_3 (Information Retrieval)	Y	TP	
JOBEXEC_AVAIL_1 (Service Redundancy)		TP	
JOBEXEC_AVAIL_2 (Self Disabling Mechanism)	Optional	TP	
JOBEXEC_AVAIL_4 (Timely Job Status Updates)	Optional	TP	
PARALLEL JOB QC			
PARALLEL_JOB_1 (Simple parallel job submission)			
PARALLEL_JOB_2 (Single machine parallel job submission)	Optional		
PARALLEL_JOB_3 (Fine grained mapping parallel job submission)	Optional		
PARALLEL_MPI_1			

(Precompiled MPI job Execution)			
PARALLEL_MPI_2 (MPI job Execution from source.)			
PARALLEL_OMP_1 (PrecompiledOpenMP job Execution)			
PARALLEL_OMP_2 (OpenMP job Execution from source)			
MONITORING PROBES QC			
MON_PROBE_GENE RIC_1 (Certificate Lifetime Probe)	Optional		
MON_PROBE_GENE RIC_2 (Service Probe)	Optional		
ACCOUNTING CAPABILITY QC			
ACC_JOBEXEC_1 (Job Execution Appliances Accounting)			
CLIENT TOOLS QC			
CLIENT_TOOLS_1 (Command lineOptions coherency)	Optional		
CLIENT_TOOLS_2 (Error Messages)	Optional		

Validator comments:

Installation:

Installed:	
globus-gatekeeper.x86_64 0:9.11-1.e15	
globus-gram-job-manager-fork.x86_64 0:1.5-1.e15	
Dependency Installed:	
globus-callout.x86_64 0:2.2-1.e15	globus-
common.x86_64 0:14.6-1.e15	globus-
common-progs.x86_64 0:14.6-1.e15	
globus-ftp-client.x86_64 0:7.3-1.e15	globus-
ftp-control.x86_64 0:4.4-1.e15	globus-
gass-cache.x86_64 0:8.1-2.e15	
globus-gass-cache-program.x86_64 0:5.1-1.e15	globus-
gass-copy.x86_64 0:8.4-1.e15	globus-gass-
copy-progs.x86_64 0:8.4-1.e15	
globus-gass-server-ez.x86_64 0:4.3-1.e15	globus-
gass-transfer.x86_64 0:7.2-1.e15	globus-gram-
client.x86_64 0:12.4-1.e15	
globus-gram-job-manager.x86_64 0:13.33-1.1.e15	globus-
gram-job-manager-callout-error.x86_64 0:2.1-2.e15	globus-gram-
job-manager-fork-setup-seg.x86_64 0:1.5-1.e15	
globus-gram-job-manager-scripts.noarch 0:4.2-2.e15	globus-
gram-protocol.x86_64 0:11.3-1.e15	globus-gsi-
callback.x86_64 0:4.2-1.e15	

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globus-gsi-cert-utils.x86_64 0:8.3-1.e15          globus-
gsi-credential.x86_64 0:5.3-1.e15                globus-gsi-
openssl-error.x86_64 0:2.1-2.e15
globus-gsi-proxy-core.x86_64 0:6.2-1.e15          globus-
gsi-proxy-ssl.x86_64 0:4.1-2.e15                 globus-gsi-
sysconfig.x86_64 0:5.2-1.e15
globus-gss-assist.x86_64 0:8.5-1.e15              globus-
gssapi-error.x86_64 0:4.1-2.e15                  globus-
gssapi-gsi.x86_64 0:10.6-1.e15
globus-io.x86_64 0:9.3-1.e15                      globus-
openssl-module.x86_64 0:3.2-1.e15                 globus-
proxy-utils.x86_64 0:5.0-2.e15
globus-rsl.x86_64 0:9.1-2.e15                     globus-
scheduler-event-generator.x86_64 0:4.6-1.e15      globus-
scheduler-event-generator-progs.x86_64 0:4.6-1.e15
globus-usage.x86_64 0:3.1-2.e15                  globus-
xio.x86_64 0:3.3-1.e15                            globus-xio-
gsi-driver.x86_64 0:2.3-1.e15
globus-xio-popen-driver.x86_64 0:2.3-1.e15

Complete!
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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: