

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

Name of the component	globus-gram5-ige		
Release	5.2.3	RT Ticket	4921
Software Provider	IGE		
	Mattias Ellert	mattias.ellert@fysast.uu.se	
Validator	Name:	E-Mail	
	Enol Fernández	enolfc@ifca.unican.es	
V. Hours Worked	1:30		
Component status	Accepted	Date	20/02/2013
Verification start date	20/02/2013	Verification end date	20/02/2013

Summary:

This is a verification of GRAM5 version 5.2.3 with no new functionality introduced. Gram5 5.2.3 improves memory/process management and the scalability and reliability of the product. Verification was performed against fork + pbs jobmanager. No issues were found.

GGUS Tickets:

None

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	19		3	21
	Specific Quality Criteria			
TP				
VLD	15		12	27

RELEASE:	IGE.globus-gram5.d	VALIDATOR:	Enol Fernandez	RT TICKET:	4921
Criteria	Accepted (Y/N/NA)	Tested (TP/VLD)	Comments		
DOCUMENTATION QC					
GENERIC_DOC_1 (Functional Description)	Y	VLD	All docs available from: http://globus.org.eu/toolkit/docs/5.2/5.2.3/gram5/		
GENERIC_DOC_2 (Release Notes)	Y	VLD	All docs available from: http://globus.org.eu/toolkit/docs/5.2/5.2.3/gram5/		
GENERIC_DOC_3 (User Documentation)	Y	VLD	All docs available from: http://globus.org.eu/toolkit/docs/5.2/5.2.3/gram5/		
GENERIC_DOC_4 (Online help (man pages)	Y	VLD	All docs available from: http://globus.org.eu/toolkit/docs/5.2/5.2.3/gram5/		
GENERIC_DOC_5 (API Documentation)	Y	VLD	All docs available from: http://globus.org.eu/toolkit/docs/5.2/5.2.3/gram5/		
GENERIC_DOC_6 (Administrator Document)	Y	VLD	All docs available from: http://globus.org.eu/toolkit/docs/5.2/5.2.3/gram5/		
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	All docs available from: http://globus.org.eu/toolkit/docs/5.2/5.2.3/gram5/		
GENERIC_DOC_8 (Software License)	Y	VLD	Apache		
GENERIC_DOC_9 (Release changes testing)	Y	VLD	All docs available from: http://globus.org.eu/toolkit/docs/5.2/5.2.3/gram5/		
SOFTWARE DISTRIBUTION QC					
GENERIC_DIST_1 (Source Code Availability)	Y	VLD	Source available at globus repo		
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	Binary installed without issues		
SOFTWARE FEATURES QC					
GENERIC_SOFT_1 (Backwards Compatibility)	Not tested	VLD	No previous UI available for testing		
GENERIC_SOFT_2 (New features testing)	Y	VLD	Changes are internal improvements, tested basic features		
SERVICE CRITERIA QC					
GENERIC_SERVICE_1 (Service control and	Y	VLD	Startup scripts available and working		
GENERIC_SERVICE_2 (Log Files)	Y	VLD	Log files in standard locations available		
GENERIC_SERVICE_3 (Service Reliability)	NA	VLD	Tests available at Quality Report		
GENERIC_SERVICE_4 (Service Robustness)	NA	VLD	Tests available at Quality Report		
GENERIC_SERVICE_6 (Default Password Config)	Y	VLD	No default password config		
GENERIC_SERVICE_7 (Default Configuration)	NA	VLD	No automatic configuration		
SECURITY QC					
GENERIC_SEC_1 (World Writable Files)	Y	VLD	See log report		
GENERIC_SEC_3 (Passwords in world readable)	Y	VLD	No passwords stored in files		
MISCELLANEOUS QC					
GENERIC_MISC_1 (Bug Tracking System)	Y	VLD	IGE enrolled in GGUS		
AUTHENTICATION QC					
AUTHN_CRED_1 (X.509 Certificate support)	Y	VLD	Tested with X.509 proxy		
AUTHN_CRED_2 (SHA2 Certificate support)	Y	VLD	Client proxy with SHA2		
AUTHN_CRED_3 (RFC Proxy support)	Y	VLD	Tested with RFC Client proxy		
AUTHN_PROTO_1 (TLSSSLv3 Support)	Not tested	VLD	Not tested, globus uses GSI		
AUTHN_DELEG_1 (Delegation Interface)	NA	VLD	No delegation		
AUTHORISATION QC					
AUTHZ_PCYDEF_3 (Ban UserGroup of use)	Not tested	VLD	Tested in previous release		
AUTHZ_PCYDEF_4 (Allowed users definition)	Not tested	VLD	Tested in previous release		
AUTHZ_PEP_2 (User Mapping)	Y	VLD	See log report		
JOB EXECUTION QC					
JOBEXEC_IFACE_1 (Job Execution Interface)	Y	VLD	GRAM5 interface supported (simple tests)		
JOBEXEC_JOB_1 (Simple Job)	Y	VLD	See report		

JOBEXEC_JOB_2 (Simple Job with inputout	Y	VLD	See report
JOBEXEC_JOB_3 (Cancel Job)	Y	VLD	See report
JOBEXEC_EXECMNGR_1 (Not Invasive De	Y	VLD	No changes needed in the deployment
JOBEXEC_EXECMNGR_2 (Job Managemen	Y	VLD	Indirectly tested by JOBEXEC_JOB_*
JOBEXEC_EXECMNGR_3 (Information Ret	NA	VLD	No info published
JOBEXEC_AVAIL_1 (Service Redundancy)	Y	VLD	No problem in having more than one GRAM5
JOBEXEC_AVAIL_2 (Self Disabling Mechan	NA	VLD	Not available
JOBEXEC_AVAIL_4 (Timely Job Status Upd	Y	VLD	See report
PARALLEL JOB QC			
PARALLEL_JOB_1 (Simple parallel job subn	Y	VLD	See report, used count attribute
PARALLEL_JOB_2 (Single machine parallel	NA	VLD	host_count available, not enough resources for testing
PARALLEL_JOB_3 (Fine grained mapping p	NA	VLD	Should be tested with real LRMS
PARALLEL_MPI_1 (Precompiled MPI job Ex	NA	VLD	Functionality not provided by GRAM, may be achieved by external tools
PARALLEL_MPI_2 (MPI job Execution from	NA	VLD	Functionality not provided by GRAM, may be achieved by external tools
PARALLEL_OMP_1 (Precompiled OpenMP	NA	VLD	Functionality not provided by GRAM, may be achieved by external tools
PARALLEL_OMP_2 (OpenMP job Execution	NA	VLD	Functionality not provided by GRAM, may be achieved by external tools
MONITORING PROBES QC			
MON_PROBE_GENERIC_1 (Certificate Life	NA	VLD	No probe available
MON_PROBE_GENERIC_2 (Service Probe)	NA	VLD	No probe available
ACCOUNTING CAPABILITY QC			
ACC_JOBEXEC_1 (Job Execution Appliance	NA	VLD	Not provided by gram5
CLIENT TOOLS QC			
CLIENT_TOOLS_1 (Command line options d	Y	VLD	Man and -h options ok
CLIENT_TOOLS_2 (Error Messages)	Y	VLD	Errors are descriptive

Validator comments:

Installation:

```
[root@test27]# apt-get install ige-meta-globus-gram5-ige
[...]
Preparing to replace libssl0.9.8 0.9.8o-4squeeze13 (using
.../libssl0.9.8_0.9.8o-4squeeze14_amd64.deb) ...
Unpacking replacement libssl0.9.8 ...
Selecting previously deselected package autotools-dev.
Unpacking autotools-dev (from .../autotools-dev_20100122.1_all.deb) ...
Selecting previously deselected package cpp-4.4.
Unpacking cpp-4.4 (from .../cpp-4.4_4.4.5-8_amd64.deb) ...
Selecting previously deselected package cpp.
Unpacking cpp (from .../cpp_4%3a4.4.5-1_amd64.deb) ...
Selecting previously deselected package libltdl7.
Unpacking libltdl7 (from .../libltdl7_2.2.6b-2_amd64.deb) ...
Selecting previously deselected package libglobus-common0.
Unpacking libglobus-common0 (from .../libglobus-common0_14.9-
1~bpo60+1_amd64.deb) ...
Selecting previously deselected package globus-common-progs.
Unpacking globus-common-progs (from .../globus-common-progs_14.9-
1~bpo60+1_amd64.deb) ...
Selecting previously deselected package liburi-perl.
Unpacking liburi-perl (from .../liburi-perl_1.54-2_all.deb) ...
Selecting previously deselected package libhtml-tagset-perl.
Unpacking libhtml-tagset-perl (from .../libhtml-tagset-perl_3.20-2_all.deb)
...
Selecting previously deselected package libhtml-parser-perl.
Unpacking libhtml-parser-perl (from .../libhtml-parser-perl_3.66-1_amd64.deb)
...
Selecting previously deselected package libhtml-tree-perl.
Unpacking libhtml-tree-perl (from .../libhtml-tree-perl_3.23-2_all.deb) ...
Selecting previously deselected package libwww-perl.
Unpacking libwww-perl (from .../libwww-perl_5.836-1_all.deb) ...
Selecting previously deselected package libxml-parser-perl.
Unpacking libxml-parser-perl (from .../libxml-parser-perl_2.36-
1.1+b1_amd64.deb) ...
Selecting previously deselected package globus-core.
Unpacking globus-core (from .../globus-core_8.9-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gass-cache5.
Unpacking libglobus-gass-cache5 (from .../libglobus-gass-cache5_8.1-
2~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-callout0.
Unpacking libglobus-callout0 (from .../libglobus-callout0_2.2-
1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-openssl-error0.
Unpacking libglobus-gsi-openssl-error0 (from .../libglobus-gsi-openssl-
error0_2.1-2~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-proxy-ssl1.
Unpacking libglobus-gsi-proxy-ssl1 (from .../libglobus-gsi-proxy-ssl1_4.1-
2~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-openssl-module0.
Unpacking libglobus-openssl-module0 (from .../libglobus-openssl-module0_3.2-
1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-cert-utils0.
Unpacking libglobus-gsi-cert-utils0 (from .../libglobus-gsi-cert-utils0_8.3-
1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-sysconfig1.
Unpacking libglobus-gsi-sysconfig1 (from .../libglobus-gsi-sysconfig1_5.3-
1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-callback0.
Unpacking libglobus-gsi-callback0 (from .../libglobus-gsi-callback0_4.4-
1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-credential1.
Unpacking libglobus-gsi-credential1 (from .../libglobus-gsi-credential1_5.3-
1~bpo60+1_amd64.deb) ...
```

```
Selecting previously deselected package libglobus-gsi-proxy-core0.
Unpacking libglobus-gsi-proxy-core0 (from ../libglobus-gsi-proxy-core0_6.2-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gssapi-gsi4.
Unpacking libglobus-gssapi-gsi4 (from ../libglobus-gssapi-gsi4_10.7-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gss-assist3.
Unpacking libglobus-gss-assist3 (from ../libglobus-gss-assist3_8.6-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gssapi-error2.
Unpacking libglobus-gssapi-error2 (from ../libglobus-gssapi-error2_4.1-2~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-xio0.
Unpacking libglobus-xio0 (from ../libglobus-xio0_3.3-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-xio-gsi-driver0.
Unpacking libglobus-xio-gsi-driver0 (from ../libglobus-xio-gsi-driver0_2.3-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-io3.
Unpacking libglobus-io3 (from ../libglobus-io3_9.3-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-ftp-controll1.
Unpacking libglobus-ftp-controll1 (from ../libglobus-ftp-controll1_4.4-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-xio-popen-driver0.
Unpacking libglobus-xio-popen-driver0 (from ../libglobus-xio-popen-driver0_2.3-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-ftp-client2.
Unpacking libglobus-ftp-client2 (from ../libglobus-ftp-client2_7.4-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gass-transfer2.
Unpacking libglobus-gass-transfer2 (from ../libglobus-gass-transfer2_7.2-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gass-copy2.
Unpacking libglobus-gass-copy2 (from ../libglobus-gass-copy2_8.6-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gass-server-ez2.
Unpacking libglobus-gass-server-ez2 (from ../libglobus-gass-server-ez2_4.3-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gram-protocol3.
Unpacking libglobus-gram-protocol3 (from ../libglobus-gram-protocol3_11.3-2~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-rsl2.
Unpacking libglobus-rsl2 (from ../libglobus-rsl2_9.1-2~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gram-client3.
Unpacking libglobus-gram-client3 (from ../libglobus-gram-client3_12.4-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package globus-gass-cache-program.
Unpacking globus-gass-cache-program (from ../globus-gass-cache-program_5.2-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package globus-gass-copy-progs.
Unpacking globus-gass-copy-progs (from ../globus-gass-copy-progs_8.6-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package globus-gatekeeper.
Unpacking globus-gatekeeper (from ../globus-gatekeeper_9.14-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package globus-gram-audit.
Unpacking globus-gram-audit (from ../globus-gram-audit_3.2-1~bpo60+1_all.deb)
...
Selecting previously deselected package globus-gram-client-tools.
Unpacking globus-gram-client-tools (from ../globus-gram-client-tools_10.4-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gram-job-manager-callout-error0.
Unpacking libglobus-gram-job-manager-callout-error0 (from ../libglobus-gram-job-manager-callout-error0_2.1-2~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-scheduler-event-generator0.
Unpacking libglobus-scheduler-event-generator0 (from ../libglobus-scheduler-event-generator0_4.7-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-usage0.
```

```
Unpacking libglobus-usage0 (from ../libglobus-usage0_3.1-2~bpo60+1_amd64.deb)
...
Selecting previously deselected package globus-gram-job-manager-scripts.
Unpacking globus-gram-job-manager-scripts (from ../globus-gram-job-manager-
scripts_4.2-2~bpo60+1_all.deb) ...
Selecting previously deselected package globus-proxy-utils.
Unpacking globus-proxy-utils (from ../globus-proxy-utils_5.0-
2~bpo60+1_amd64.deb) ...
Selecting previously deselected package globus-gram-job-manager.
Unpacking globus-gram-job-manager (from ../globus-gram-job-manager_13.51-
1.1~bpo60+1_amd64.deb) ...
Selecting previously deselected package globus-gram-job-manager-condor.
Unpacking globus-gram-job-manager-condor (from ../globus-gram-job-manager-
condor_1.4-1~bpo60+1_all.deb) ...
Selecting previously deselected package globus-gram-job-manager-doc.
Unpacking globus-gram-job-manager-doc (from ../globus-gram-job-manager-
doc_13.51-1.1~bpo60+1_all.deb) ...
Selecting previously deselected package globus-gram-job-manager-fork.
Unpacking globus-gram-job-manager-fork (from ../globus-gram-job-manager-
fork_1.5-1~bpo60+1_all.deb) ...
Selecting previously deselected package globus-gram-job-manager-fork-setup-
poll.
Unpacking globus-gram-job-manager-fork-setup-poll (from ../globus-gram-job-
manager-fork-setup-poll_1.5-1~bpo60+1_all.deb) ...
Selecting previously deselected package globus-scheduler-event-generator-
progs.
Unpacking globus-scheduler-event-generator-progs (from ../globus-scheduler-
event-generator-progs_4.7-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package globus-gram-job-manager-fork-setup-
seg.
Unpacking globus-gram-job-manager-fork-setup-seg (from ../globus-gram-job-
manager-fork-setup-seg_1.5-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package globus-gram-job-manager-lsf.
Unpacking globus-gram-job-manager-lsf (from ../globus-gram-job-manager-
lsf_1.1-1~bpo60+1_all.deb) ...
Selecting previously deselected package globus-gram-job-manager-lsf-setup-
poll.
Unpacking globus-gram-job-manager-lsf-setup-poll (from ../globus-gram-job-
manager-lsf-setup-poll_1.1-1~bpo60+1_all.deb) ...
Selecting previously deselected package globus-gram-job-manager-lsf-setup-seg.
Unpacking globus-gram-job-manager-lsf-setup-seg (from ../globus-gram-job-
manager-lsf-setup-seg_1.1-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package globus-gram-job-manager-pbs.
Unpacking globus-gram-job-manager-pbs (from ../globus-gram-job-manager-
pbs_1.6-1~bpo60+1_all.deb) ...
Selecting previously deselected package globus-gram-job-manager-pbs-setup-
poll.
Unpacking globus-gram-job-manager-pbs-setup-poll (from ../globus-gram-job-
manager-pbs-setup-poll_1.6-1~bpo60+1_all.deb) ...
Selecting previously deselected package globus-gram-job-manager-pbs-setup-seg.
Unpacking globus-gram-job-manager-pbs-setup-seg (from ../globus-gram-job-
manager-pbs-setup-seg_1.6-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package globus-gram-job-manager-scripts-doc.
Unpacking globus-gram-job-manager-scripts-doc (from ../globus-gram-job-
manager-scripts-doc_4.2-2~bpo60+1_all.deb) ...
Selecting previously deselected package globus-gram-job-manager-sge.
Unpacking globus-gram-job-manager-sge (from ../globus-gram-job-manager-
sge_1.5-1~bpo60+1_all.deb) ...
Selecting previously deselected package globus-gram-job-manager-sge-setup-
poll.
Unpacking globus-gram-job-manager-sge-setup-poll (from ../globus-gram-job-
manager-sge-setup-poll_1.5-1~bpo60+1_all.deb) ...
Selecting previously deselected package globus-gram-job-manager-sge-setup-seg.
Unpacking globus-gram-job-manager-sge-setup-seg (from ../globus-gram-job-
manager-sge-setup-seg_1.5-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package globus-gram-job-manager-slurm.
Unpacking globus-gram-job-manager-slurm (from ../globus-gram-job-manager-
slurm_0.1-2~bpo60+1_all.deb) ...
Selecting previously deselected package globus-gsi-cert-utils-progs.
```

```
Unpacking globus-gsi-cert-utils-progs (from ../globus-gsi-cert-utils-
progs_8.3-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-common-dev.
Unpacking libglobus-common-dev (from ../libglobus-common-dev_14.9-
1~bpo60+1_amd64.deb) ...
Selecting previously deselected package zlib1g-dev.
Unpacking zlib1g-dev (from ../zlib1g-dev_1%3a1.2.3.4.dfsg-3_amd64.deb) ...
Selecting previously deselected package libssl-dev.
Unpacking libssl-dev (from ../libssl-dev_0.9.8o-4squeeze14_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-proxy-ssl-dev.
Unpacking libglobus-gsi-proxy-ssl-dev (from ../libglobus-gsi-proxy-ssl-
dev_4.1-2~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-openssl-error-dev.
Unpacking libglobus-gsi-openssl-error-dev (from ../libglobus-gsi-openssl-
error-dev_2.1-2~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-openssl-module-dev.
Unpacking libglobus-openssl-module-dev (from ../libglobus-openssl-module-
dev_3.2-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-cert-utils-dev.
Unpacking libglobus-gsi-cert-utils-dev (from ../libglobus-gsi-cert-utils-
dev_8.3-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-sysconfig-dev.
Unpacking libglobus-gsi-sysconfig-dev (from ../libglobus-gsi-sysconfig-
dev_5.3-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-callout-dev.
Unpacking libglobus-callout-dev (from ../libglobus-callout-dev_2.2-
1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-callback-dev.
Unpacking libglobus-gsi-callback-dev (from ../libglobus-gsi-callback-dev_4.4-
1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-credential-dev.
Unpacking libglobus-gsi-credential-dev (from ../libglobus-gsi-credential-
dev_5.3-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gsi-proxy-core-dev.
Unpacking libglobus-gsi-proxy-core-dev (from ../libglobus-gsi-proxy-core-
dev_6.2-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gssapi-gsi-dev.
Unpacking libglobus-gssapi-gsi-dev (from ../libglobus-gssapi-gsi-dev_10.7-
1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gss-assist-dev.
Unpacking libglobus-gss-assist-dev (from ../libglobus-gss-assist-dev_8.6-
1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gssapi-error-dev.
Unpacking libglobus-gssapi-error-dev (from ../libglobus-gssapi-error-dev_4.1-
2~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-xio-dev.
Unpacking libglobus-xio-dev (from ../libglobus-xio-dev_3.3-
1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-xio-gsi-driver-dev.
Unpacking libglobus-xio-gsi-driver-dev (from ../libglobus-xio-gsi-driver-
dev_2.3-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-io-dev.
Unpacking libglobus-io-dev (from ../libglobus-io-dev_9.3-1~bpo60+1_amd64.deb)
...
Selecting previously deselected package libglobus-gram-protocol-dev.
Unpacking libglobus-gram-protocol-dev (from ../libglobus-gram-protocol-
dev_11.3-2~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-rsl-dev.
Unpacking libglobus-rsl-dev (from ../libglobus-rsl-dev_9.1-
2~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gram-client-dev.
Unpacking libglobus-gram-client-dev (from ../libglobus-gram-client-dev_12.4-
1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gram-client-doc.
Unpacking libglobus-gram-client-doc (from ../libglobus-gram-client-doc_12.4-
1~bpo60+1_all.deb) ...
Selecting previously deselected package libglobus-gram-job-manager-callout-
error-dev.
```

```
Unpacking libglobus-gram-job-manager-callout-error-dev (from ../libglobus-gram-job-manager-callout-error-dev_2.1-2~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-gram-job-manager-callout-error-doc.
Unpacking libglobus-gram-job-manager-callout-error-doc (from ../libglobus-gram-job-manager-callout-error-doc_2.1-2~bpo60+1_all.deb) ...
Selecting previously deselected package libglobus-gram-protocol-doc.
Unpacking libglobus-gram-protocol-doc (from ../libglobus-gram-protocol-doc_11.3-2~bpo60+1_all.deb) ...
Selecting previously deselected package libglobus-rsl-doc.
Unpacking libglobus-rsl-doc (from ../libglobus-rsl-doc_9.1-2~bpo60+1_all.deb)
...
Selecting previously deselected package libltdl-dev.
Unpacking libltdl-dev (from ../libltdl-dev_2.2.6b-2_amd64.deb) ...
Selecting previously deselected package libglobus-scheduler-event-generator-dev.
Unpacking libglobus-scheduler-event-generator-dev (from ../libglobus-scheduler-event-generator-dev_4.7-1~bpo60+1_amd64.deb) ...
Selecting previously deselected package libglobus-scheduler-event-generator-doc.
Unpacking libglobus-scheduler-event-generator-doc (from ../libglobus-scheduler-event-generator-doc_4.7-1~bpo60+1_all.deb) ...
Selecting previously deselected package ige-meta-globus-gram5.
Unpacking ige-meta-globus-gram5 (from ../ige-meta-globus-gram5_3.1~bpo60+1_all.deb) ...
Selecting previously deselected package ige-meta-globus-gram5-ige.
Unpacking ige-meta-globus-gram5-ige (from ../ige-meta-globus-gram5-ige_3.0~bpo60+1_all.deb) ...
Selecting previously deselected package libfont-afm-perl.
Unpacking libfont-afm-perl (from ../libfont-afm-perl_1.20-1_all.deb) ...
Selecting previously deselected package libglobus-callout-doc.
Unpacking libglobus-callout-doc (from ../libglobus-callout-doc_2.2-1~bpo60+1_all.deb) ...
Selecting previously deselected package libglobus-common-doc.
Unpacking libglobus-common-doc (from ../libglobus-common-doc_14.9-1~bpo60+1_all.deb) ...
Selecting previously deselected package libglobus-gsi-callback-doc.
Unpacking libglobus-gsi-callback-doc (from ../libglobus-gsi-callback-doc_4.4-1~bpo60+1_all.deb) ...
Selecting previously deselected package libglobus-gsi-cert-utils-doc.
Unpacking libglobus-gsi-cert-utils-doc (from ../libglobus-gsi-cert-utils-doc_8.3-1~bpo60+1_all.deb) ...
Selecting previously deselected package libglobus-gsi-credential-doc.
Unpacking libglobus-gsi-credential-doc (from ../libglobus-gsi-credential-doc_5.3-1~bpo60+1_all.deb) ...
Selecting previously deselected package libglobus-gsi-openssl-error-doc.
Unpacking libglobus-gsi-openssl-error-doc (from ../libglobus-gsi-openssl-error-doc_2.1-2~bpo60+1_all.deb) ...
Selecting previously deselected package libglobus-gsi-proxy-core-doc.
Unpacking libglobus-gsi-proxy-core-doc (from ../libglobus-gsi-proxy-core-doc_6.2-1~bpo60+1_all.deb) ...
Selecting previously deselected package libglobus-gsi-proxy-ssl-doc.
Unpacking libglobus-gsi-proxy-ssl-doc (from ../libglobus-gsi-proxy-ssl-doc_4.1-2~bpo60+1_all.deb) ...
Selecting previously deselected package libglobus-gsi-sysconfig-doc.
Unpacking libglobus-gsi-sysconfig-doc (from ../libglobus-gsi-sysconfig-doc_5.3-1~bpo60+1_all.deb) ...
Selecting previously deselected package libglobus-gss-assist-doc.
Unpacking libglobus-gss-assist-doc (from ../libglobus-gss-assist-doc_8.6-1~bpo60+1_all.deb) ...
Selecting previously deselected package libglobus-gssapi-error-doc.
Unpacking libglobus-gssapi-error-doc (from ../libglobus-gssapi-error-doc_4.1-2~bpo60+1_all.deb) ...
Selecting previously deselected package libglobus-gssapi-gsi-doc.
Unpacking libglobus-gssapi-gsi-doc (from ../libglobus-gssapi-gsi-doc_10.7-1~bpo60+1_all.deb) ...
Selecting previously deselected package libglobus-openssl-module-doc.
Unpacking libglobus-openssl-module-doc (from ../libglobus-openssl-module-doc_3.2-1~bpo60+1_all.deb) ...
```



```
Selecting previously deselected package libglobus-xio-doc.
Unpacking libglobus-xio-doc (from ../libglobus-xio-doc_3.3-1~bpo60+1_all.deb)
...
Selecting previously deselected package libglobus-xio-gsi-driver-doc.
Unpacking libglobus-xio-gsi-driver-doc (from ../libglobus-xio-gsi-driver-
doc_2.3-1~bpo60+1_all.deb) ...
Selecting previously deselected package libhtml-format-perl.
Unpacking libhtml-format-perl (from ../libhtml-format-perl_2.04-2_all.deb)
...
Selecting previously deselected package libtimedate-perl.
Unpacking libtimedate-perl (from ../libtimedate-perl_1.2000-1_all.deb) ...
Selecting previously deselected package libmailtools-perl.
Unpacking libmailtools-perl (from ../libmailtools-perl_2.06-1_all.deb) ...
Selecting previously deselected package libtool.
Unpacking libtool (from ../libtool_2.2.6b-2_amd64.deb) ...
Processing triggers for man-db ...
Setting up libssl0.9.8 (0.9.8o-4squeeze14) ...
Setting up autotools-dev (20100122.1) ...
Setting up cpp-4.4 (4.4.5-8) ...
Setting up cpp (4:4.4.5-1) ...
Setting up libltdl7 (2.2.6b-2) ...
Setting up libglobus-common0 (14.9-1~bpo60+1) ...
Setting up globus-common-progs (14.9-1~bpo60+1) ...
No diversion 'diversion of /usr/share/globus/config.guess to
/usr/share/globus/config.guess.gpt by globus-common-progs', none removed.
Setting up liburi-perl (1.54-2) ...
Setting up libhtml-tagset-perl (3.20-2) ...
Setting up libhtml-parser-perl (3.66-1) ...
Setting up libhtml-tree-perl (3.23-2) ...
Setting up libwww-perl (5.836-1) ...
Setting up libxml-parser-perl (2.36-1.1+b1) ...
Setting up globus-core (8.9-1~bpo60+1) ...
Setting up libglobus-gass-cache5 (8.1-2~bpo60+1) ...
Setting up libglobus-callout0 (2.2-1~bpo60+1) ...
Setting up libglobus-gsi-openssl-error0 (2.1-2~bpo60+1) ...
Setting up libglobus-gsi-proxy-ssl1 (4.1-2~bpo60+1) ...
Setting up libglobus-openssl-module0 (3.2-1~bpo60+1) ...
Setting up libglobus-gsi-cert-utils0 (8.3-1~bpo60+1) ...
Setting up libglobus-gsi-sysconfig1 (5.3-1~bpo60+1) ...
Setting up libglobus-gsi-callback0 (4.4-1~bpo60+1) ...
Setting up libglobus-gsi-credential1 (5.3-1~bpo60+1) ...
Setting up libglobus-gsi-proxy-core0 (6.2-1~bpo60+1) ...
Setting up libglobus-gssapi-gsi4 (10.7-1~bpo60+1) ...
Setting up libglobus-gss-assist3 (8.6-1~bpo60+1) ...
Setting up libglobus-gssapi-error2 (4.1-2~bpo60+1) ...
Setting up libglobus-xio0 (3.3-1~bpo60+1) ...
Setting up libglobus-xio-gsi-driver0 (2.3-1~bpo60+1) ...
Setting up libglobus-io3 (9.3-1~bpo60+1) ...
Setting up libglobus-ftp-controll1 (4.4-1~bpo60+1) ...
Setting up libglobus-xio-popen-driver0 (2.3-1~bpo60+1) ...
Setting up libglobus-ftp-client2 (7.4-1~bpo60+1) ...
Setting up libglobus-gass-transfer2 (7.2-1~bpo60+1) ...
Setting up libglobus-gass-copy2 (8.6-1~bpo60+1) ...
Setting up libglobus-gass-server-ez2 (4.3-1~bpo60+1) ...
Setting up libglobus-gram-protocol3 (11.3-2~bpo60+1) ...
Setting up libglobus-rsl2 (9.1-2~bpo60+1) ...
Setting up libglobus-gram-client3 (12.4-1~bpo60+1) ...
Setting up globus-gass-cache-program (5.2-1~bpo60+1) ...
Setting up globus-gass-copy-progs (8.6-1~bpo60+1) ...
Setting up globus-gatekeeper (9.14-1~bpo60+1) ...
insserv: warning: script 'K02vmcontext' missing LSB tags and overrides
insserv: warning: script 'S18cloud' missing LSB tags and overrides
insserv: warning: script 'vmcontext' missing LSB tags and overrides
insserv: warning: script 'cloud' missing LSB tags and overrides
globus-gatekeeper disabled, please adjust the configuration to your needs ...
(warning).
and then set RUN to 'yes' in /etc/default/globus-gatekeeper to enable it. ...
(warning).
See /usr/share/doc/globus-gatekeeper/README.Debian for details. ... (warning).
```

```
Setting up globus-gram-audit (3.2-1~bpo60+1) ...
Setting up globus-gram-client-tools (10.4-1~bpo60+1) ...
Setting up libglobus-gram-job-manager-callout-error0 (2.1-2~bpo60+1) ...
Setting up libglobus-scheduler-event-generator0 (4.7-1~bpo60+1) ...
Setting up libglobus-usage0 (3.1-2~bpo60+1) ...
Setting up globus-gram-job-manager-scripts (4.2-2~bpo60+1) ...
Setting up globus-proxy-utils (5.0-2~bpo60+1) ...
Setting up globus-gram-job-manager (13.51-1.1~bpo60+1) ...
Setting up globus-gram-job-manager-condor (1.4-1~bpo60+1) ...
Setting up globus-gram-job-manager-doc (13.51-1.1~bpo60+1) ...
Setting up globus-gram-job-manager-fork (1.5-1~bpo60+1) ...
Setting up globus-gram-job-manager-fork-setup-poll (1.5-1~bpo60+1) ...
Setting up globus-scheduler-event-generator-progs (4.7-1~bpo60+1) ...
insserv: warning: script 'K02vmcontext' missing LSB tags and overrides
insserv: warning: script 'S18cloud' missing LSB tags and overrides
insserv: warning: script 'vmcontext' missing LSB tags and overrides
insserv: warning: script 'cloud' missing LSB tags and overrides
globus-scheduler-event-generator: no LRMS installed
Setting up globus-gram-job-manager-fork-setup-seg (1.5-1~bpo60+1) ...
globus-scheduler-event-generator: no LRMS installed
Setting up globus-gram-job-manager-lsf (1.1-1~bpo60+1) ...
Setting up globus-gram-job-manager-lsf-setup-poll (1.1-1~bpo60+1) ...
Setting up globus-gram-job-manager-lsf-setup-seg (1.1-1~bpo60+1) ...
globus-scheduler-event-generator: no LRMS installed
Setting up globus-gram-job-manager-pbs (1.6-1~bpo60+1) ...
Setting up globus-gram-job-manager-pbs-setup-poll (1.6-1~bpo60+1) ...
Setting up globus-gram-job-manager-pbs-setup-seg (1.6-1~bpo60+1) ...
globus-scheduler-event-generator: no LRMS installed
Setting up globus-gram-job-manager-scripts-doc (4.2-2~bpo60+1) ...
Setting up globus-gram-job-manager-sge (1.5-1~bpo60+1) ...
Setting up globus-gram-job-manager-sge-setup-poll (1.5-1~bpo60+1) ...
Setting up globus-gram-job-manager-sge-setup-seg (1.5-1~bpo60+1) ...
globus-scheduler-event-generator: no LRMS installed
Setting up globus-gram-job-manager-slurm (0.1-2~bpo60+1) ...
Setting up globus-gsi-cert-utils-progs (8.3-1~bpo60+1) ...
Setting up libglobus-common-dev (14.9-1~bpo60+1) ...
Setting up zlib1g-dev (1:1.2.3.4.dfsg-3) ...
Setting up libssl-dev (0.9.8o-4squeeze14) ...
Setting up libglobus-gsi-proxy-ssl-dev (4.1-2~bpo60+1) ...
Setting up libglobus-gsi-openssl-error-dev (2.1-2~bpo60+1) ...
Setting up libglobus-openssl-module-dev (3.2-1~bpo60+1) ...
Setting up libglobus-gsi-cert-utils-dev (8.3-1~bpo60+1) ...
Setting up libglobus-gsi-sysconfig-dev (5.3-1~bpo60+1) ...
Setting up libglobus-callout-dev (2.2-1~bpo60+1) ...
Setting up libglobus-gsi-callback-dev (4.4-1~bpo60+1) ...
Setting up libglobus-gsi-credential-dev (5.3-1~bpo60+1) ...
Setting up libglobus-gsi-proxy-core-dev (6.2-1~bpo60+1) ...
Setting up libglobus-gssapi-gsi-dev (10.7-1~bpo60+1) ...
Setting up libglobus-gss-assist-dev (8.6-1~bpo60+1) ...
Setting up libglobus-gssapi-error-dev (4.1-2~bpo60+1) ...
Setting up libglobus-xio-dev (3.3-1~bpo60+1) ...
Setting up libglobus-xio-gsi-driver-dev (2.3-1~bpo60+1) ...
Setting up libglobus-io-dev (9.3-1~bpo60+1) ...
Setting up libglobus-gram-protocol-dev (11.3-2~bpo60+1) ...
Setting up libglobus-rsl-dev (9.1-2~bpo60+1) ...
Setting up libglobus-gram-client-dev (12.4-1~bpo60+1) ...
Setting up libglobus-gram-client-doc (12.4-1~bpo60+1) ...
Setting up libglobus-gram-job-manager-callout-error-dev (2.1-2~bpo60+1) ...
Setting up libglobus-gram-job-manager-callout-error-doc (2.1-2~bpo60+1) ...
Setting up libglobus-gram-protocol-doc (11.3-2~bpo60+1) ...
Setting up libglobus-rsl-doc (9.1-2~bpo60+1) ...
Setting up libltdl-dev (2.2.6b-2) ...
Setting up libglobus-scheduler-event-generator-dev (4.7-1~bpo60+1) ...
Setting up libglobus-scheduler-event-generator-doc (4.7-1~bpo60+1) ...
Setting up ige-meta-globus-gram5 (3.1~bpo60+1) ...
Setting up ige-meta-globus-gram5-ige (3.0~bpo60+1) ...
Setting up libfont-afm-perl (1.20-1) ...
Setting up libglobus-callout-doc (2.2-1~bpo60+1) ...
Setting up libglobus-common-doc (14.9-1~bpo60+1) ...
```

```

Setting up libglobus-gsi-callback-doc (4.4-1~bpo60+1) ...
Setting up libglobus-gsi-cert-utils-doc (8.3-1~bpo60+1) ...
Setting up libglobus-gsi-credential-doc (5.3-1~bpo60+1) ...
Setting up libglobus-gsi-openssl-error-doc (2.1-2~bpo60+1) ...
Setting up libglobus-gsi-proxy-core-doc (6.2-1~bpo60+1) ...
Setting up libglobus-gsi-proxy-ssl-doc (4.1-2~bpo60+1) ...
Setting up libglobus-gsi-sysconfig-doc (5.3-1~bpo60+1) ...
Setting up libglobus-gss-assist-doc (8.6-1~bpo60+1) ...
Setting up libglobus-gssapi-error-doc (4.1-2~bpo60+1) ...
Setting up libglobus-gssapi-gsi-doc (10.7-1~bpo60+1) ...
Setting up libglobus-openssl-module-doc (3.2-1~bpo60+1) ...
Setting up libglobus-xio-doc (3.3-1~bpo60+1) ...
Setting up libglobus-xio-gsi-driver-doc (2.3-1~bpo60+1) ...
Setting up libhtml-format-perl (2.04-2) ...
Setting up libtimedate-perl (1.2000-1) ...
Setting up libmailtools-perl (2.06-1) ...
Setting up libtool (2.2.6b-2) ...

```

Check services:

```

+ service globus-gatekeeper
Usage: /etc/init.d/globus-gatekeeper
{start|stop|status|restart|condrestart|try-restart|reload|force-reload}
+ service globus-gatekeeper status
globus-gatekeeper is not running
+ service globus-gatekeeper start
Started globus-gatekeeper
+ service globus-gatekeeper status
globus-gatekeeper is running (pid=8107)
+ grep gatekeeper
+ ps aux
root      8107  0.0  0.0  58668  876 ?        S   12:33   0:00
/usr/sbin/globus-gatekeeper -pidfile /var/run/globus-gatekeeper.pid -p 2119 -l
/var/log/globus-gatekeeper.log
root      8114  0.0  0.0   7548  828 pts/1    S+  12:33   0:00 grep
gatekeeper
+ service globus-gatekeeper stop
Stopped globus-gatekeeper
+ service globus-gatekeeper status
globus-gatekeeper is not running
+ grep gatekeeper
+ ps aux
root      8125  0.0  0.0   7548  828 pts/1    S+  12:33   0:00 grep
gatekeeper
+ service globus-gatekeeper start
Started globus-gatekeeper
+ tail /var/log/globus-gatekeeper.log
TIME: Wed Feb 20 12:33:09 2013
PID: 8107 -- Failure: Gatekeeper shutdown on signal:15
TIME: Wed Feb 20 12:33:10 2013
PID: 8129 -- Notice: 6: /usr/sbin/globus-gatekeeper pid=8129 starting at Wed
Feb 20 12:33:10 2013

TIME: Wed Feb 20 12:33:10 2013
PID: 8129 -- Notice: 6: GRAM contact:
test27.egi.cesga.es:2119:/DC=es/DC=irisgrid/O=rediris-test-egi-cesga-sha-
2/CN=test27.egi.cesga.es

TIME: Wed Feb 20 12:33:10 2013
PID: 8129 -- Notice: 0: GATEKEEPER_ACCT_FD=6 (/var/log/globus-gatekeeper.log)

```

Logs:

- log created in standard location: /var/log/globus-gatekeeper.log and under /var/log/globus

Configuration:

```

+ globus-gatekeeper-admin -l
jobmanager-condor [DISABLED]
jobmanager-fork-poll [DISABLED]
jobmanager-fork-seg [DISABLED]
jobmanager-lsf-poll [DISABLED]
jobmanager-lsf-seg [DISABLED]
jobmanager-pbs-poll [DISABLED]
jobmanager-pbs-seg [DISABLED]
jobmanager-sge-poll [DISABLED]
jobmanager-sge-seg [DISABLED]
jobmanager-slurm [DISABLED]
+ globus-gatekeeper-admin -e jobmanager-fork-poll -n jobmanager
+ globus-gatekeeper-admin -e jobmanager-pbs-poll -n jobmanager-pbs
+ globus-gatekeeper-admin -e jobmanager-pbs-seg -n jobmanager-pbs2
+ globus-gatekeeper-admin -l
jobmanager-condor [DISABLED]
jobmanager-fork-poll [ENABLED]
jobmanager-fork-seg [DISABLED]
jobmanager-lsf-poll [DISABLED]
jobmanager-lsf-seg [DISABLED]
jobmanager-pbs-poll [ENABLED]
jobmanager-pbs-seg [ENABLED]
jobmanager-sge-poll [DISABLED]
jobmanager-sge-seg [DISABLED]
jobmanager-slurm [DISABLED]
jobmanager [ALIAS to jobmanager-fork-poll]
jobmanager-pbs [ALIAS to jobmanager-pbs-poll]
jobmanager-pbs2 [ALIAS to jobmanager-pbs-seg]
+ globus-scheduler-event-generator-admin -e pbs
+ globus-scheduler-event-generator-admin -l
fork [DISABLED]
lsf [DISABLED]
pbs [ENABLED]
sge [DISABLED]
+ service globus-scheduler-event-generator status
globus-scheduler-event-generator (pbs) is not running
globus-scheduler-event-generator not running, no LRMs installed
+ service globus-scheduler-event-generator start
Started globus-scheduler-event-generator for (pbs)
+ service globus-scheduler-event-generator status
globus-scheduler-event-generator (pbs) is running (pid=8215)

```

Tests:

1. Created test accounts: enol & test
2. Created grid-mapfile mapping to test
3. Copied valid proxy to enol account

```

+ grid-proxy-init -rfc
Your identity: /DC=es/DC=irisgrid/O=ifca/CN=Enol-Fernandez-delCastillo
Creating proxy ..... Done
Your proxy is valid until: Thu Feb 21 00:38:59 2013
+ grid-proxy-info
subject  : /DC=es/DC=irisgrid/O=ifca/CN=Enol-Fernandez-delCastillo/CN=16386451
issuer   : /DC=es/DC=irisgrid/O=ifca/CN=Enol-Fernandez-delCastillo
identity : /DC=es/DC=irisgrid/O=ifca/CN=Enol-Fernandez-delCastillo
type     : RFC 3820 compliant impersonation proxy
strength : 512 bits
path     : /tmp/x509up_u1001
timeleft : 12:00:00

```

4. Job tests with fork:

```

*** Using jobmanager ***
### Simple whoami:
test

```

```

### File transfer:
ls -l myfile
-rw-r--r-- 1 enol enol 35083 Feb 20 12:39 myfile
job:
&
(executable=/bin/ls)
(arguments=-l)
(file_stage_in = (${GLOBUSRUN_GASS_URL} # "/home/enol/myfile" afile))
output:
total 36
-rw-r--r-- 1 test test 35083 Feb 20 12:39 afile

### Job Status:
job:
&
(executable=/bin/sleep)
(arguments=1m)
job id:
https://test27.egi.cesga.es:39119/16289892015995048991/4693754395253423236/
Wed Feb 20 12:39:02 CET 2013
Status: ACTIVE
Wed Feb 20 12:39:22 CET 2013
Status: ACTIVE
Wed Feb 20 12:39:42 CET 2013
Status: ACTIVE
Wed Feb 20 12:40:02 CET 2013
Status: ACTIVE
Wed Feb 20 12:40:22 CET 2013
Status: DONE

### Job Cancel:
job:
&
(executable=/bin/sleep)
(arguments=10m)
Wed Feb 20 12:40:42 CET 2013
job id:
https://test27.egi.cesga.es:39119/16289892018744998491/4693754395253423236/
ACTIVE
Wed Feb 20 12:41:42 CET 2013
Cancelling...
Status post cancel:
DONE

### Parallel job:
job:
&
(executable=/bin/ls)
(arguments=-ltr)
(count=2)
output:
total 36
-rw-r--r-- 1 test test 35083 Feb 20 12:39 afile
total 36
-rw-r--r-- 1 test test 35083 Feb 20 12:39 afile

```

5. Job tests with pbs (poll):

```

*** Using jobmanager-pbs ***
### Simple whoami:
test

### File transfer:
ls -l myfile

```

```

-rw-r--r-- 1 enol enol 109980 Feb 20 12:41 myfile
job:
&
(executable=/bin/ls)
(arguments=-l)
(file_stage_in = ($(GLOBUSRUN_GASS_URL) # "/home/enol/myfile" afile))
output:
total 112
-rw-r--r-- 1 test test 109980 Feb 20 12:41 afile

### Job Status:
job:
&
(executable=/bin/sleep)
(arguments=1m)
job id:
https://test27.egi.cesga.es:50073/16289892018267962756/4693754395253414555/
Wed Feb 20 12:41:51 CET 2013
Status: ACTIVE
PBS Status:
Job id          Name          User          Time Use S Queue
-----
64.test27      STDIN         test          0 R testq
Wed Feb 20 12:42:11 CET 2013
Status: ACTIVE
PBS Status:
Job id          Name          User          Time Use S Queue
-----
64.test27      STDIN         test          00:00:00 R testq
Wed Feb 20 12:42:31 CET 2013
Status: ACTIVE
PBS Status:
Job id          Name          User          Time Use S Queue
-----
64.test27      STDIN         test          00:00:00 R testq
Wed Feb 20 12:42:51 CET 2013
Status: ACTIVE
PBS Status:
Wed Feb 20 12:43:11 CET 2013
Status: DONE
PBS Status:

### Job Cancel:
job:
&
(executable=/bin/sleep)
(arguments=10m)
Wed Feb 20 12:43:31 CET 2013
job id:
https://test27.egi.cesga.es:50073/16289892019050401216/4693754395253414555/
ACTIVE
PBS Status:
Job id          Name          User          Time Use S Queue
-----
65.test27      STDIN         test          0 R testq
Wed Feb 20 12:44:32 CET 2013
Cancelling...
PBS Status:
Status post cancel:
DONE
PBS Status:

```

6. Job tests with pbs (seg):

```

*** Using jobmanager-pbs2 ***
### Simple whoami:

```

```

test

### File transfer:
ls -l myfile
-rw-r--r-- 1 enol enol 145536 Feb 20 12:44 myfile
job:
&
(executable=/bin/ls)
(arguments=-l)
(file_stage_in = ($(GLOBUSRUN_GASS_URL) # "/home/enol/myfile" afile))
output:
total 148
-rw-r--r-- 1 test test 145536 Feb 20 12:44 afile

### Job Status:
job:
&
(executable=/bin/sleep)
(arguments=1m)
job id:
https://test27.egi.cesga.es:50073/16289892017835515621/4693754395253414555/
Wed Feb 20 12:44:34 CET 2013
Status: ACTIVE
PBS Status:
Job id          Name          User          Time Use S Queue
-----
68.test27      STDIN        test          0 R testq
Wed Feb 20 12:44:54 CET 2013
Status: ACTIVE
PBS Status:
Job id          Name          User          Time Use S Queue
-----
68.test27      STDIN        test          0 R testq
Wed Feb 20 12:45:14 CET 2013
Status: ACTIVE
PBS Status:
Job id          Name          User          Time Use S Queue
-----
68.test27      STDIN        test          00:00:00 R testq
Wed Feb 20 12:45:34 CET 2013
Status: ACTIVE
PBS Status:
Wed Feb 20 12:45:54 CET 2013
Status: DONE
PBS Status:

### Job Cancel:
job:
&
(executable=/bin/sleep)
(arguments=10m)
Wed Feb 20 12:46:14 CET 2013
job id:
https://test27.egi.cesga.es:50073/16289893117277280801/4693754395253414555/
ACTIVE
PBS Status:
Job id          Name          User          Time Use S Queue
-----
69.test27      STDIN        test          0 R testq
Wed Feb 20 12:47:15 CET 2013
Cancelling...
PBS Status:
Status post cancel:
DONE
PBS Status:

```

7. Look for world writable files:

```
# find / -xdev -type f -perm -o+w -exec ls -l {} \;
```


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):

Comments for SR (TSA1.3):

Comments for DMSU (TSA2.5):

Comments for TP: