

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

Name of the component	GridFTP		
Release	5.2.3	RT Ticket	#4912 #4913 #4920
Software Provider	IGE		
Release Contact	Name:	E-Mail	
	Mattias Ellert	mattias.ellert@fysast.uu.se	
Validator	Name:	E-Mail	
	Álvaro Simón	asimon@cesga.es	
V. Hours Worked	3		
Component status	Verified	Date	22/02/13
Verification start date	22/02/13	Verification end date	22/02/13

Summary:

New GridFTP 5.2.3 was tested without problems. It were used SHA2 certificates to check its SHA2 cert compatibility.

GGUS Tickets:

- None

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	13	0/1	0	14
	Specific Quality Criteria			
TP				
VLD	16	0	0	16

Quality Criteria verification cheatsheet:

Criteria	Accepted (Y/N/N)	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 Documentat	Optional		
GENERIC_DOC_7 (Service Reference Card)	Optional		
GENERIC_DOC_8 (Software License)	Y	VLD	
GENERIC_DOC_9 (Release changes testing)	Optional		
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)			
SERVICE CRITERIA QC			
GENERIC_SERVICE_1 (Service control and s	Y	VLD	
GENERIC_SERVICE_2 (Log Files)			
GENERIC_SERVICE_3 (Service Reliability)	Optional		
GENERIC_SERVICE_4 (Service Robustness)	Optional		
GENERIC_SERVICE_6 (Default Password Co			
GENERIC_SERVICE_7 (Default Configuration			
SECURITY QC			
GENERIC_SEC_1 (World Writable Files)	Y	VLD	
GENERIC_SEC_3 (Passwords in world readab	Y	VLD	
MISCELLANEOUS QC			
GENERIC_MISC_1 (Bug Tracking System)			
AUTHENTICATION QC			
AUTHN_CRED_1 (X.509 Certificate support)	Y	VLD	
AUTHN_CRED_2 (SHA2 Certificate support)	Y	VLD	
AUTHN_CRED_3 (RFC Proxy support)	Optional		
AUTHN_PROTO_1 (TLSSSLv3 Support)			
AUTHORISATION QC			
AUTHZ_PCYDEF_3 (Ban UserGroup of users	Y	VLD	
AUTHZ_PCYDEF_4 (Allowed users definition	Y	VLD	
AUTHZ_PEP_2 (User Mapping)	Y	VLD	
FILE TRANSFER QC			
FILETRANS_API_1 (GridFTP File Access)	Y	VLD	
MONITORING PROBES QC			
MON_PROBE_GENERIC_1 (Certificate Lifetim	Optional		
MON_PROBE_GENERIC_2 (Service Probe)	Optional		
CLIENT TOOLS QC			
CLIENT_TOOLS_1 (Command line options co	Optional		
CLIENT_TOOLS_2 (Error Messages)	Optional		

Validator comments:

IGE-globus-gridftp 5.2.3

SL6
====

```
# cat IGE.globus-gridftp.sl6.x86_64.repo
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) - (4913,846,771)
```

```
[IGE.globus-gridftp.sl6.x86_64]
name=IGE.globus-gridftp.sl6.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-2.ige.globus-gridftp.sl6.x86_64/5/2/3/
enabled=1
protect=1
priority=1
pgpcheck=1
pgpkey=http://repo-rpm.ige-project.eu/RPM-GPG-KEY-IGE
```

```
# yum update
```

Package	Size	Arch	Version	Repository
globus-common		x86_64	14.9-1.el6	IGE.globus-
gridftp.sl6.x86_64	114 k	x86_64	14.9-1.el6	IGE.globus-
globus-common-devel		x86_64	14.9-1.el6	IGE.globus-
gridftp.sl6.x86_64	62 k	x86_64	14.9-1.el6	IGE.globus-
globus-common-progs		x86_64	14.9-1.el6	IGE.globus-
gridftp.sl6.x86_64	32 k	x86_64	14.9-1.el6	IGE.globus-
globus-core		x86_64	8.9-2.el6	IGE.globus-
gridftp.sl6.x86_64	46 k	x86_64	8.9-2.el6	IGE.globus-
globus-gridftp-server		x86_64	6.16-1.1.el6	IGE.globus-
gridftp.sl6.x86_64	154 k	x86_64	6.16-1.1.el6	IGE.globus-
globus-gridftp-server-devel		x86_64	6.16-1.1.el6	IGE.globus-
gridftp.sl6.x86_64	22 k	x86_64	6.16-1.1.el6	IGE.globus-
globus-gridftp-server-progs		x86_64	6.16-1.1.el6	IGE.globus-
gridftp.sl6.x86_64	44 k	x86_64	6.16-1.1.el6	IGE.globus-
globus-gsi-callback		x86_64	4.4-1.el6	IGE.globus-
gridftp.sl6.x86_64	37 k	x86_64	4.4-1.el6	IGE.globus-
globus-gsi-callback-devel		x86_64	4.4-1.el6	IGE.globus-
gridftp.sl6.x86_64	10 k	x86_64	4.4-1.el6	IGE.globus-
ige-meta-globus-gridftp		noarch	3.1-1.el6	IGE.globus-
gridftp.sl6.x86_64	3.3 k	noarch	3.1-1.el6	IGE.globus-

```
# cat /etc/grid-security/grid-mapfile
"/DC=es/DC=irisgrid/O=cesga/CN=host/test20.egi.cesga.es" grid
```

```
Add new gridftp user (grid)
#useradd grid
```

```
[root@test20 yum.repos.d]# /etc/init.d/globus-gridftp-server start
Starting globus-gridftp-server: [ OK ]
[root@test20 yum.repos.d]# /etc/init.d/globus-gridftp-server status
GridFTP server is running (pid=1033)
```

```
# globus-url-copy -vb -tcp-bs 2097152 -p 4 baro gsiftp://test20.egi.cesga.es/tmp/baro
Source: file:///root/
Dest: gsiftp://test20.egi.cesga.es/tmp/
iptables.orig -> baro
```

```
# ls -l /tmp/baro
-rw-r--r-- 1 grid grid 1640 Feb 22 10:03 /tmp/baro
```

SL5
====

```
# yum install ige-meta-globus-gridftp
```

```
=====
Package                               Arch      Version      Repository
Size
=====
Installing:
  ige-meta-globus-gridftp              noarch    3.1-1.el5    IGE.globus-
gridftp.sl5.x86_64                    3.2 k
Installing for dependencies:
  e2fsprogs-devel                      x86_64    1.39-23.el5  sl-base
633 k
  globus-authz                         x86_64    2.2-1.el5    IGE.globus-
gridftp.sl5.x86_64                    14 k
  globus-authz-callout-error           x86_64    2.2-1.el5    IGE.globus-
gridftp.sl5.x86_64                    11 k
  globus-authz-callout-error-devel     x86_64    2.2-1.el5    IGE.globus-
gridftp.sl5.x86_64                    6.1 k
  globus-authz-devel                   x86_64    2.2-1.el5    IGE.globus-
gridftp.sl5.x86_64                    5.6 k
=====
```

globus-callout		x86_64	2.2-1.e15	IGE.globus-
gridftp.sl5.x86_64	17 k			
globus-callout-devel		x86_64	2.2-1.e15	IGE.globus-
gridftp.sl5.x86_64	8.2 k			
globus-common		x86_64	14.9-1.e15	IGE.globus-
gridftp.sl5.x86_64	132 k			
globus-common-devel		x86_64	14.9-1.e15	IGE.globus-
gridftp.sl5.x86_64	64 k			
globus-common-progs		x86_64	14.9-1.e15	IGE.globus-
gridftp.sl5.x86_64	34 k			
globus-core		x86_64	8.9-2.e15	IGE.globus-
gridftp.sl5.x86_64	47 k			
globus-ftp-client		x86_64	7.4-1.e15	IGE.globus-
gridftp.sl5.x86_64	109 k			
globus-ftp-client-devel		x86_64	7.4-1.e15	IGE.globus-
gridftp.sl5.x86_64	25 k			
globus-ftp-client-doc		x86_64	7.4-1.e15	IGE.globus-
gridftp.sl5.x86_64	444 k			
globus-ftp-control		x86_64	4.4-1.e15	IGE.globus-
gridftp.sl5.x86_64	73 k			
globus-ftp-control-devel		x86_64	4.4-1.e15	IGE.globus-
gridftp.sl5.x86_64	15 k			
globus-ftp-control-doc		x86_64	4.4-1.e15	IGE.globus-
gridftp.sl5.x86_64	259 k			
globus-gass-cache		x86_64	8.1-2.e15	IGE.globus-
gridftp.sl5.x86_64	26 k			
globus-gass-cache-devel		x86_64	8.1-2.e15	IGE.globus-
gridftp.sl5.x86_64	9.2 k			
globus-gass-cache-program		x86_64	5.2-1.e15	IGE.globus-
gridftp.sl5.x86_64	26 k			
globus-gass-copy		x86_64	8.6-1.e15	IGE.globus-
gridftp.sl5.x86_64	38 k			
globus-gass-copy-devel		x86_64	8.6-1.e15	IGE.globus-
gridftp.sl5.x86_64	13 k			
globus-gass-copy-doc		x86_64	8.6-1.e15	IGE.globus-
gridftp.sl5.x86_64	145 k			
globus-gass-copy-progs		x86_64	8.6-1.e15	IGE.globus-
gridftp.sl5.x86_64	45 k			
globus-gass-server-ez		x86_64	4.3-1.e15	IGE.globus-
gridftp.sl5.x86_64	15 k			
globus-gass-server-ez-devel		x86_64	4.3-1.e15	IGE.globus-
gridftp.sl5.x86_64	6.2 k			
globus-gass-server-ez-progs		x86_64	4.3-1.e15	IGE.globus-
gridftp.sl5.x86_64	11 k			
globus-gass-transfer		x86_64	7.2-1.e15	IGE.globus-
gridftp.sl5.x86_64	43 k			
globus-gass-transfer-devel		x86_64	7.2-1.e15	IGE.globus-
gridftp.sl5.x86_64	16 k			
globus-gass-transfer-doc		x86_64	7.2-1.e15	IGE.globus-
gridftp.sl5.x86_64	242 k			
globus-gfork		x86_64	3.2-1.e15	IGE.globus-
gridftp.sl5.x86_64	20 k			
globus-gfork-devel		x86_64	3.2-1.e15	IGE.globus-
gridftp.sl5.x86_64	5.8 k			
globus-gfork-progs		x86_64	3.2-1.e15	IGE.globus-
gridftp.sl5.x86_64	17 k			
globus-gram-client		x86_64	12.4-1.e15	IGE.globus-
gridftp.sl5.x86_64	22 k			
globus-gram-protocol		x86_64	11.3-4.e15	IGE.globus-
gridftp.sl5.x86_64	40 k			
globus-gridftp-server		x86_64	6.16-1.1.e15	IGE.globus-
gridftp.sl5.x86_64	174 k			
globus-gridftp-server-control		x86_64	2.7-1.e15	IGE.globus-
gridftp.sl5.x86_64	78 k			
globus-gridftp-server-control-devel		x86_64	2.7-1.e15	IGE.globus-
gridftp.sl5.x86_64	12 k			
globus-gridftp-server-devel		x86_64	6.16-1.1.e15	IGE.globus-
gridftp.sl5.x86_64	21 k			
globus-gridftp-server-progs		x86_64	6.16-1.1.e15	IGE.globus-
gridftp.sl5.x86_64	48 k			
globus-gsi-callback		x86_64	4.4-1.e15	IGE.globus-
gridftp.sl5.x86_64	43 k			
globus-gsi-callback-devel		x86_64	4.4-1.e15	IGE.globus-
gridftp.sl5.x86_64	9.7 k			
globus-gsi-cert-utils		x86_64	8.3-1.e15	IGE.globus-
gridftp.sl5.x86_64	20 k			
globus-gsi-cert-utils-devel		x86_64	8.3-1.e15	IGE.globus-
gridftp.sl5.x86_64	9.5 k			
globus-gsi-cert-utils-progs		x86_64	8.3-1.e15	IGE.globus-
gridftp.sl5.x86_64	26 k			
globus-gsi-credential		x86_64	5.3-1.e15	IGE.globus-
gridftp.sl5.x86_64	36 k			
globus-gsi-credential-devel		x86_64	5.3-1.e15	IGE.globus-
gridftp.sl5.x86_64	9.7 k			
globus-gsi-openssl-error		x86_64	2.1-2.e15	IGE.globus-
gridftp.sl5.x86_64	16 k			
globus-gsi-openssl-error-devel		x86_64	2.1-2.e15	IGE.globus-
gridftp.sl5.x86_64	7.3 k			
globus-gsi-proxy-core		x86_64	6.2-1.e15	IGE.globus-
gridftp.sl5.x86_64	37 k			
globus-gsi-proxy-core-devel		x86_64	6.2-1.e15	IGE.globus-
gridftp.sl5.x86_64	9.8 k			
globus-gsi-proxy-ssl		x86_64	4.1-2.e15	IGE.globus-
gridftp.sl5.x86_64	18 k			
globus-gsi-proxy-ssl-devel		x86_64	4.1-2.e15	IGE.globus-
gridftp.sl5.x86_64	8.6 k			
globus-gsi-sysconfig		x86_64	5.3-1.e15	IGE.globus-
gridftp.sl5.x86_64	31 k			
globus-gsi-sysconfig-devel		x86_64	5.3-1.e15	IGE.globus-
gridftp.sl5.x86_64	11 k			
globus-gss-assist		x86_64	8.6-1.e15	IGE.globus-
gridftp.sl5.x86_64	35 k			
globus-gss-assist-devel		x86_64	8.6-1.e15	IGE.globus-
gridftp.sl5.x86_64	10 k			
globus-gssapi-error		x86_64	4.1-2.e15	IGE.globus-
gridftp.sl5.x86_64	14 k			

globus-gssapi-error-devel		x86_64	4.1-2.e15	IGE.globus-
gridftp.sl5.x86_64	7.1 k	x86_64	10.7-1.e15	IGE.globus-
globus-gssapi-gsi		x86_64	10.7-1.e15	IGE.globus-
gridftp.sl5.x86_64	62 k	x86_64	10.7-1.e15	IGE.globus-
globus-gssapi-gsi-devel		x86_64	10.7-1.e15	IGE.globus-
gridftp.sl5.x86_64	14 k	x86_64	9.3-1.e15	IGE.globus-
globus-io		x86_64	9.3-1.e15	IGE.globus-
gridftp.sl5.x86_64	44 k	x86_64	9.3-1.e15	IGE.globus-
globus-io-devel		x86_64	9.3-1.e15	IGE.globus-
gridftp.sl5.x86_64	12 k	x86_64	3.2-1.e15	IGE.globus-
globus-openssl-module		x86_64	3.2-1.e15	IGE.globus-
gridftp.sl5.x86_64	14 k	x86_64	3.2-1.e15	IGE.globus-
globus-openssl-module-devel		x86_64	3.2-1.e15	IGE.globus-
gridftp.sl5.x86_64	7.3 k	x86_64	5.0-2.e15	IGE.globus-
globus-proxy-utils		x86_64	5.0-2.e15	IGE.globus-
gridftp.sl5.x86_64	45 k	x86_64	9.1-2.e15	IGE.globus-
globus-rsl		x86_64	9.1-2.e15	IGE.globus-
gridftp.sl5.x86_64	29 k	x86_64	3.1-2.e15	IGE.globus-
globus-usage		x86_64	3.1-2.e15	IGE.globus-
gridftp.sl5.x86_64	17 k	x86_64	3.1-2.e15	IGE.globus-
globus-usage-devel		x86_64	3.1-2.e15	IGE.globus-
gridftp.sl5.x86_64	6.4 k	x86_64	3.3-1.e15	IGE.globus-
globus-xio		x86_64	3.3-1.e15	IGE.globus-
gridftp.sl5.x86_64	178 k	x86_64	3.3-1.e15	IGE.globus-
globus-xio-devel		x86_64	3.3-1.e15	IGE.globus-
gridftp.sl5.x86_64	49 k	x86_64	2.3-1.e15	IGE.globus-
globus-xio-gsi-driver		x86_64	2.3-1.e15	IGE.globus-
gridftp.sl5.x86_64	37 k	x86_64	2.3-1.e15	IGE.globus-
globus-xio-gsi-driver-devel		x86_64	2.3-1.e15	IGE.globus-
gridftp.sl5.x86_64	10 k	x86_64	2.2-1.e15	IGE.globus-
globus-xio-pipe-driver		x86_64	2.2-1.e15	IGE.globus-
gridftp.sl5.x86_64	17 k	x86_64	2.2-1.e15	IGE.globus-
globus-xio-pipe-driver-devel		x86_64	2.2-1.e15	IGE.globus-
gridftp.sl5.x86_64	5.3 k	x86_64	2.3-1.e15	IGE.globus-
globus-xio-popen-driver		x86_64	2.3-1.e15	IGE.globus-
gridftp.sl5.x86_64	21 k	x86_64	2.3-1.e15	IGE.globus-
globus-xio-popen-driver-devel		x86_64	2.3-1.e15	IGE.globus-
gridftp.sl5.x86_64	6.5 k	x86_64	1.2-1.e15	sl-base
keyutils-libs-devel		x86_64	1.2-1.e15	sl-base
27 k				
krb5-devel		x86_64	1.6.1-70.e15	sl-security
1.9 M				
libselinux-devel		x86_64	1.33.4-5.7.e15	sl-security
149 k				
libsepol-devel		x86_64	1.15.2-3.e15	sl-base
192 k				
libtool-ltdl		x86_64	1.5.22-7.e15_4	sl-base
38 k				
openssl-devel		x86_64	0.9.8e-22.e15_8.4	sl-security
1.9 M				
perl-Compress-Zlib		x86_64	1.42-1.fc6	sl-base
52 k				
perl-HTML-Parser		x86_64	3.55-1.fc6	sl-base
91 k				
perl-HTML-Tagset		noarch	3.10-2.1.1	sl-base
14 k				
perl-URI		noarch	1.35-3	sl-base
116 k				
perl-XML-Parser		x86_64	2.34-6.1.2.2.1	sl-base
209 k				
perl-libwww-perl		noarch	5.805-1.1.1	sl-base
375 k				
pkgconfig		x86_64	1:0.21-2.e15	sl-base
61 k				
zlib-devel		x86_64	1.2.3-3	sl-base
102 k				

Transaction Summary

=====

```
Install      92 Package(s)
Upgrade      0 Package(s)
```

```
# /etc/init.d/globus-gridftp-server start
Starting globus-gridftp-server: [ OK ]
[root@test20 grid-security]# /etc/init.d/globus-gridftp-server status
GridFTP server is running (pid=2630)
```

```
# globus-url-copy -vb -tcp-bs 2097152 -p 4 test gsiftp://test20.egi.cesga.es/tmp/test
Source: file:///root/
Dest: gsiftp://test20.egi.cesga.es/tmp/
test
```

```
debian6
=====
```

```
# apt-get install ige-meta-globus-gridftp
```

```
root@test20:~# /etc/init.d/globus-gridftp-server start
Starting globus-gridftp-server.
```

```
root@test20:~# /etc/init.d/globus-gridftp-server status
GridFTP server is running (pid=8624)
```

```
# globus-url-copy -vb -tcp-bs 2097152 -p 4 test gsiftp://test20.egi.cesga.es/tmp/test
Source: file:///root/
Dest: gsiftp://test20.egi.cesga.es/tmp/
test
```

```
# ls -l /tmp/test
-rw-r--r-- 1 grid grid 0 Feb 22 12:27 /tmp/test
```

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: