

Criteria	Accepted (Y/N/N/)	Tested (TP/VLD)
<b>Generic QC</b>		
GENERIC_DOC_1 (Functional Description)	Y	
GENERIC_DOC_2 (Release Notes)	Y	
GENERIC_DOC_5 (API Documentation)	Y	
GENERIC_DOC_6 (Administrator Documentation)	Y	
GENERIC_DOC_7 (Service Reference Card)	Y	
GENERIC_DOC_8 (Software License)	Y	
GENERIC_DOC_9 (Release changes testing)	Y	
GENERIC_DIST_1 (Source Code Availability)	Y	
GENERIC_DIST_2 (Source Distribution)	Y	
GENERIC_DIST_3 (Binary Distribution)	Y	
GENERIC_SERVICE_1 (Service control and status)	Y	
GENERIC_SERVICE_2 (Log Files)	Y	
GENERIC_SERVICE_3 (Service Reliability)	Y	
GENERIC_SERVICE_4 (Service Robustness)	Y	
GENERIC_SEC_1 (World Writable Files)	Y	
GENERIC_SEC_2 (Directory Traversal Attacks testing)	Y	
GENERIC_MISC_2 (Bug Tracking System)	Y	
<b>Security Capabilities QC</b>		
AUTHN_IFACE_1 (X.509 Certificate support)	Y	
AUTHN_IFACE_2 (SAML authentication)	N (Opt)	
AUTHN_DELEG_1 (Delegation Interface)	TBD	
AUTHZ_PCYDEF_3 (Ban UserFQAN)	Y	
AUTHZ_PCYDEF_4 (Allowed users definition)	Y	
AUTHZ_PEP_1 (Policy Enforcement)	Y	
AUTHZ_PEP_2 (User Mapping)	Y	
<b>Operations Capabilities QC</b>		
MON_PROBE_GENERIC_2 (Service Probe)	Y	
<b>RELEASE:</b>	UMD 1.4	<b>VALIDATOR:</b>
<b>RT TICKET:</b>	<a href="https://rt.egi.eu/guest/Ticket/Display.ht">https://rt.egi.eu/guest/Ticket/Display.ht</a>	

<b>Comments</b>
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Apache
Configurable, not In default conf.
Also chroot support
<a href="https://bugzilla.mcs.anl.gov/globus/">https://bugzilla.mcs.anl.gov/globus/</a>

Via gridmap file

Manual testing
Ivan Diaz
<a href="#">ml?id=3043</a>

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

Name of the component	IGE.globus-gridftp.sl5.x86_64-5.0.5		
Release	UMD1.4	Release	
Software Provider	EMI		
Contact	Name:	E-Mail	Phone:
	Mattias Ellert mattias.ellert@fysast.uu.se		
Validator	Name:	E-Mail	Phone:
	Iván Díaz	idiaz@cesga.es	
Component status	<b>Accepted</b>	Date	01/12/11
Verification start date	01/12/11	Verification end date	01/12/11

**Summary:**

**GridFTP was installed from UMD repository without problems. Functionality worked perfectly after activating logging in startup script and creating an appropriate gridmap-file. It has no SAML support, but it is marked as optional.**

**Validator comments:**

Used /etc/yum.repos.d/IGE.globus-gridftp.sl5.x86\_64.repo repofile.

**INSTALLATION**

```
[root@test20 ~]# yum install ige-meta-globus-gridftp.noarch
Loaded plugins: kernel-module, priorities, protectbase
Repository EGI-trustanchors is listed more than once in the configuration
543 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package ige-meta-globus-gridftp.noarch 0:1.0-1.e15 set to be updated
--> Processing Dependency: globus-gridftp-server for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gridftp-server-devel for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gridftp-server-progs for package: ige-meta-globus-gridftp
--> Running transaction check
---> Package globus-gridftp-server.x86_64 0:3.33-1.2.e15 set to be updated
---> Package globus-gridftp-server-devel.x86_64 0:3.33-1.2.e15 set to be updated
---> Package globus-gridftp-server-progs.x86_64 0:3.33-1.2.e15 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin

Dependencies Resolved

=====
Package                               Arch                               Version
Repository                             Size                               Arch                               Version
=====
Installing:
  ige-meta-globus-gridftp                               1.0-1.e15
UMD-1-updates                               2.4 k
Installing for dependencies:
  globus-gridftp-server                               x86_64                               3.33-1.2.e15
UMD-1-updates                               119 k
  globus-gridftp-server-devel                               x86_64                               3.33-1.2.e15
UMD-1-updates                               18 k
  globus-gridftp-server-progs                               x86_64                               3.33-1.2.e15
UMD-1-updates                               40 k

Transaction Summary
=====
Install      4 Package(s)
Upgrade     0 Package(s)

Total download size: 180 k
Is this ok [y/N]: y
```

```
Downloading Packages:
(1/4): ige-meta-globus-gridftp-1.0-1.el5.noarch.rpm
| 2.4 kB 00:00
(2/4): globus-gridftp-server-devel-3.33-1.2.el5.x86_64.rpm
| 18 kB 00:00
(3/4): globus-gridftp-server-progs-3.33-1.2.el5.x86_64.rpm
| 40 kB 00:00
(4/4): globus-gridftp-server-3.33-1.2.el5.x86_64.rpm
| 119 kB 00:01
-----
Total
58 kB/s | 180 kB 00:03
Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction
Installing : globus-gridftp-server
1/4
Installing : globus-gridftp-server-progs
2/4
Installing : globus-gridftp-server-devel
3/4
Installing : ige-meta-globus-gridftp
4/4

Installed:
 ige-meta-globus-gridftp.noarch 0:1.0-1.el5

Dependency Installed:
 globus-gridftp-server.x86_64 0:3.33-1.2.el5 globus-gridftp-server-devel.x86_64 0:3.33-1.2.el5
 globus-gridftp-server-progs.x86_64 0:3.33-1.2.el5

Complete!
[root@test20 yum.repos.d]#
[root@test20 yum.repos.d]# yum remove globus-*
Loaded plugins: kernel-module, priorities, protectbase
Repository EGI-trustanchors is listed more than once in the configuration
Setting up Remove Process
Resolving Dependencies
--> Running transaction check
----> Package globus-authz.x86_64 0:0.7-4.el5 set to be erased
----> Package globus-authz-callout-error.x86_64 0:0.5-3.el5 set to be erased
----> Package globus-authz-callout-error-devel.x86_64 0:0.5-3.el5 set to be erased
----> Package globus-authz-devel.x86_64 0:0.7-4.el5 set to be erased
----> Package globus-callout.x86_64 0:0.7-8.el5 set to be erased
----> Package globus-callout-devel.x86_64 0:0.7-8.el5 set to be erased
----> Package globus-common.x86_64 0:11.6-2.el5 set to be erased
----> Package globus-common-devel.x86_64 0:11.6-2.el5 set to be erased
----> Package globus-common-progs.x86_64 0:11.6-2.el5 set to be erased
----> Package globus-core.x86_64 0:5.17-3.el5 set to be erased
----> Package globus-ftp-client.x86_64 0:6.0-2.el5 set to be erased
--> Processing Dependency: globus-ftp-client for package: ige-meta-globus-gridftp
----> Package globus-ftp-client-devel.x86_64 0:6.0-2.el5 set to be erased
----> Package globus-ftp-client-doc.x86_64 0:6.0-2.el5 set to be erased
----> Package globus-ftp-control.x86_64 0:2.12-2.el5 set to be erased
----> Package globus-ftp-control-devel.x86_64 0:2.12-2.el5 set to be erased
----> Package globus-ftp-control-doc.x86_64 0:2.12-2.el5 set to be erased
----> Package globus-gass-cache.x86_64 0:5.4-4.el5 set to be erased
----> Package globus-gass-cache-devel.x86_64 0:5.4-4.el5 set to be erased
----> Package globus-gass-cache-program.x86_64 0:2.8-3.el5 set to be erased
----> Package globus-gass-copy.x86_64 0:5.14-2.el5 set to be erased
----> Package globus-gass-copy-devel.x86_64 0:5.14-2.el5 set to be erased
----> Package globus-gass-copy-doc.x86_64 0:5.14-2.el5 set to be erased
----> Package globus-gass-copy-progs.x86_64 0:5.14-2.el5 set to be erased
----> Package globus-gass-server-ez.x86_64 0:2.6-3.el5 set to be erased
----> Package globus-gass-server-ez-devel.x86_64 0:2.6-3.el5 set to be erased
----> Package globus-gass-server-ez-progs.x86_64 0:2.6-3.el5 set to be erased
----> Package globus-gass-transfer.x86_64 0:4.3-3.el5 set to be erased
----> Package globus-gass-transfer-devel.x86_64 0:4.3-3.el5 set to be erased
----> Package globus-gass-transfer-doc.x86_64 0:4.3-3.el5 set to be erased
----> Package globus-gfork.x86_64 0:0.2-6.el5 set to be erased
----> Package globus-gfork-devel.x86_64 0:0.2-6.el5 set to be erased
----> Package globus-gfork-progs.x86_64 0:0.2-6.el5 set to be erased
----> Package globus-gram-client.x86_64 0:10.4-4.el5 set to be erased
----> Package globus-gram-protocol.x86_64 0:9.7-6.el5 set to be erased
----> Package globus-gridftp-server.x86_64 0:3.33-1.2.el5 set to be erased
----> Package globus-gridftp-server-control.x86_64 0:0.46-1.el5 set to be erased
----> Package globus-gridftp-server-control-devel.x86_64 0:0.46-1.el5 set to be erased
----> Package globus-gridftp-server-devel.x86_64 0:3.33-1.2.el5 set to be erased
----> Package globus-gridftp-server-progs.x86_64 0:3.33-1.2.el5 set to be erased
----> Package globus-gsi-callback.x86_64 0:2.8-2.el5 set to be erased
----> Package globus-gsi-callback-devel.x86_64 0:2.8-2.el5 set to be erased
----> Package globus-gsi-cert-utils.x86_64 0:6.7-2.el5 set to be erased
----> Package globus-gsi-cert-utils-devel.x86_64 0:6.7-2.el5 set to be erased
----> Package globus-gsi-credential.x86_64 0:3.5-3.el5 set to be erased
----> Package globus-gsi-credential-devel.x86_64 0:3.5-3.el5 set to be erased
----> Package globus-gsi-openssl-error.x86_64 0:0.14-8.el5 set to be erased
----> Package globus-gsi-openssl-error-devel.x86_64 0:0.14-8.el5 set to be erased
----> Package globus-gsi-proxy-core.x86_64 0:4.7-2.el5 set to be erased
----> Package globus-gsi-proxy-core-devel.x86_64 0:4.7-2.el5 set to be erased
----> Package globus-gsi-proxy-ssl.x86_64 0:2.3-3.el5 set to be erased
----> Package globus-gsi-proxy-ssl-devel.x86_64 0:2.3-3.el5 set to be erased
----> Package globus-gsi-sysconfig.x86_64 0:3.2-1.el5 set to be erased
----> Package globus-gsi-sysconfig-devel.x86_64 0:3.2-1.el5 set to be erased
----> Package globus-gss-assist.x86_64 0:5.10-1.el5 set to be erased
----> Package globus-gss-assist-devel.x86_64 0:5.10-1.el5 set to be erased
----> Package globus-gssapi-error.x86_64 0:2.5-8.el5 set to be erased
----> Package globus-gssapi-error-devel.x86_64 0:2.5-8.el5 set to be erased
----> Package globus-gssapi-gsi.x86_64 0:7.8-1.el5 set to be erased
```

```

---> Package globus-gssapi-gsi-devel.x86_64 0:7.8-1.el5 set to be erased
---> Package globus-io.x86_64 0:6.3-6.el5 set to be erased
---> Package globus-io-devel.x86_64 0:6.3-6.el5 set to be erased
---> Package globus-libtool.x86_64 0:1.2-4.el5 set to be erased
---> Package globus-libtool-devel.x86_64 0:1.2-4.el5 set to be erased
---> Package globus-openssl.x86_64 0:5.1-2.el5 set to be erased
---> Package globus-openssl-devel.x86_64 0:5.1-2.el5 set to be erased
---> Package globus-openssl-module.x86_64 0:1.3-3.el5 set to be erased
---> Package globus-openssl-module-devel.x86_64 0:1.3-3.el5 set to be erased
---> Package globus-rsl.x86_64 0:7.3-1.el5 set to be erased
---> Package globus-usage.x86_64 0:1.4-2.el5 set to be erased
---> Package globus-usage-devel.x86_64 0:1.4-2.el5 set to be erased
---> Package globus-xio.x86_64 0:2.8-4.el5 set to be erased
---> Package globus-xio-devel.x86_64 0:2.8-4.el5 set to be erased
---> Package globus-xio-gsi-driver.x86_64 0:0.6-7.el5 set to be erased
---> Package globus-xio-gsi-driver-devel.x86_64 0:0.6-7.el5 set to be erased
---> Package globus-xio-pipe-driver.x86_64 0:0.1-3.el5 set to be erased
---> Package globus-xio-pipe-driver-devel.x86_64 0:0.1-3.el5 set to be erased
---> Package globus-xio-popen-driver.x86_64 0:0.9-3.el5 set to be erased
---> Package globus-xio-popen-driver-devel.x86_64 0:0.9-3.el5 set to be erased
--> Running transaction check
---> Package ige-meta-globus-gridftp.noarch 0:1.0-1.el5 set to be erased
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin

```

Dependencies Resolved

```

=====
Package
Version
Repository
Arch
Size
=====
Removing:
globus-authz
4.el5
installed
x86_64
23 k
0.7-
globus-authz-callout-error
3.el5
installed
x86_64
16 k
0.5-
globus-authz-callout-error-devel
3.el5
installed
x86_64
5.4 k
0.5-
globus-authz-devel
4.el5
installed
x86_64
4.3 k
0.7-
globus-callout
8.el5
installed
x86_64
27 k
0.7-
globus-callout-devel
8.el5
installed
x86_64
9.6 k
0.7-
globus-common
2.el5
installed
x86_64
259 k
11.6-
globus-common-devel
2.el5
installed
x86_64
318 k
11.6-
globus-common-progs
2.el5
installed
x86_64
270 k
11.6-
globus-core
3.el5
installed
x86_64
361 k
5.17-
globus-ftp-client
2.el5
installed
x86_64
228 k
6.0-
globus-ftp-client-devel
2.el5
installed
x86_64
117 k
6.0-
globus-ftp-client-doc
2.el5
installed
x86_64
1.7 M
6.0-
globus-ftp-control
2.el5
installed
x86_64
149 k
2.12-
globus-ftp-control-devel
2.el5
installed
x86_64
59 k
2.12-
globus-ftp-control-doc
2.el5
installed
x86_64
784 k
2.12-
globus-gass-cache
4.el5
installed
x86_64
47 k
5.4-
globus-gass-cache-devel
4.el5
installed
x86_64
20 k
5.4-
globus-gass-cache-program
3.el5
installed
x86_64
67 k
2.8-
globus-gass-copy
2.el5
installed
x86_64
76 k
5.14-
globus-gass-copy-devel
2.el5
installed
x86_64
29 k
5.14-
globus-gass-copy-doc
2.el5
installed
x86_64
437 k
5.14-
globus-gass-copy-progs
2.el5
installed
x86_64
87 k
5.14-
globus-gass-server-ez
3.el5
installed
x86_64
24 k
2.6-
globus-gass-server-ez-devel
3.el5
installed
x86_64
5.5 k
2.6-
globus-gass-server-ez-progs
3.el5
installed
x86_64
19 k
2.6-
globus-gass-transfer
3.el5
installed
x86_64
81 k
4.3-
globus-gass-transfer-devel
3.el5
installed
x86_64
52 k
4.3-
globus-gass-transfer-doc
3.el5
installed
x86_64
821 k
4.3-
globus-gfork
6.el5
installed
x86_64
36 k
0.2-
globus-gfork-devel
6.el5
installed
x86_64
5.3 k
0.2-
globus-gfork-progs
6.el5
installed
x86_64
28 k
0.2-
globus-gram-client
4.el5
installed
x86_64
43 k
10.4-

```

globus-gram-protocol		x86_64		9.7-
6.e15	installed		114 k	
globus-gridftp-server		x86_64		3.33-
1.2.e15	installed		276 k	
globus-gridftp-server-control		x86_64		0.46-
1.e15	installed		125 k	
globus-gridftp-server-control-devel		x86_64		0.46-
1.e15	installed		35 k	
globus-gridftp-server-devel		x86_64		3.33-
1.2.e15	installed		72 k	
globus-gridftp-server-progs		x86_64		3.33-
1.2.e15	installed		81 k	
globus-gsi-callback		x86_64		2.8-
2.e15	installed		82 k	
globus-gsi-callback-devel		x86_64		2.8-
2.e15	installed		15 k	
globus-gsi-cert-utils		x86_64		6.7-
2.e15	installed		31 k	
globus-gsi-cert-utils-devel		x86_64		6.7-
2.e15	installed		16 k	
globus-gsi-credential		x86_64		3.5-
3.e15	installed		69 k	
globus-gsi-credential-devel		x86_64		3.5-
3.e15	installed		18 k	
globus-gsi-openssl-error		x86_64		0.14-
8.e15	installed		24 k	
globus-gsi-openssl-error-devel		x86_64		0.14-
8.e15	installed		8.2 k	
globus-gsi-proxy-core		x86_64		4.7-
2.e15	installed		73 k	
globus-gsi-proxy-core-devel		x86_64		4.7-
2.e15	installed		20 k	
globus-gsi-proxy-ssl		x86_64		2.3-
3.e15	installed		31 k	
globus-gsi-proxy-ssl-devel		x86_64		2.3-
3.e15	installed		12 k	
globus-gsi-sysconfig		x86_64		3.2-
1.e15	installed		56 k	
globus-gsi-sysconfig-devel		x86_64		3.2-
1.e15	installed		30 k	
globus-gss-assist		x86_64		5.10-
1.e15	installed		60 k	
globus-gss-assist-devel		x86_64		5.10-
1.e15	installed		18 k	
globus-gssapi-error		x86_64		2.5-
8.e15	installed		20 k	
globus-gssapi-error-devel		x86_64		2.5-
8.e15	installed		6.6 k	
globus-gssapi-gsi		x86_64		7.8-
1.e15	installed		115 k	
globus-gssapi-gsi-devel		x86_64		7.8-
1.e15	installed		36 k	
globus-io		x86_64		6.3-
6.e15	installed		109 k	
globus-io-devel		x86_64		6.3-
6.e15	installed		63 k	
globus-libtool		x86_64		1.2-
4.e15	installed		655	
globus-libtool-devel		x86_64		1.2-
4.e15	installed		1.1 k	
globus-openssl		x86_64		5.1-
2.e15	installed		658	
globus-openssl-devel		x86_64		5.1-
2.e15	installed		1.1 k	
globus-openssl-module		x86_64		1.3-
3.e15	installed		20 k	
globus-openssl-module-devel		x86_64		1.3-
3.e15	installed		5.0 k	
globus-rsl		x86_64		7.3-
1.e15	installed		51 k	
globus-usage		x86_64		1.4-
2.e15	installed		24 k	
globus-usage-devel		x86_64		1.4-
2.e15	installed		3.7 k	
globus-xio		x86_64		2.8-
4.e15	installed		280 k	
globus-xio-devel		x86_64		2.8-
4.e15	installed		239 k	
globus-xio-gsi-driver		x86_64		0.6-
7.e15	installed		54 k	
globus-xio-gsi-driver-devel		x86_64		0.6-
7.e15	installed		22 k	
globus-xio-pipe-driver		x86_64		0.1-
3.e15	installed		23 k	
globus-xio-pipe-driver-devel		x86_64		0.1-
3.e15	installed		2.3 k	
globus-xio-popen-driver		x86_64		0.9-
3.e15	installed		29 k	
globus-xio-popen-driver-devel		x86_64		0.9-
3.e15	installed		2.6 k	
Removing for dependencies:				
ige-meta-globus-gridftp		noarch		1.0-
1.e15	installed		0.0	

Transaction Summary

```

=====
Remove       79 Package(s)
Reinstall    0 Package(s)
Downgrade    0 Package(s)
=====

```

Is this ok [y/N]: y

```
Downloading Packages:
Running rpm_check_debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction
Erasing      : globus-common-progs
1/79
Erasing      : globus-gss-assist-devel
2/79
Erasing      : globus-gsi-proxy-core
3/79
Erasing      : globus-xio-gsi-driver
4/79
Erasing      : globus-rsl
5/79
Erasing      : globus-gsi-sysconfig
6/79
Erasing      : globus-gridftp-server-control
7/79
Erasing      : globus-gsi-openssl-error-devel
8/79
Erasing      : globus-ftp-client
9/79
Erasing      : globus-gass-transfer
10/79
Erasing      : globus-gsi-cert-utils-devel
11/79
Erasing      : globus-libtool
12/79
Erasing      : globus-gssapi-error-devel
13/79
Erasing      : globus-callout
14/79
Erasing      : globus-gass-copy-doc
15/79
Erasing      : globus-gsi-sysconfig-devel
16/79
Erasing      : globus-gridftp-server-control-devel
17/79
Erasing      : globus-gram-client
18/79
Erasing      : globus-gssapi-gsi
19/79
Erasing      : globus-gass-transfer-devel
20/79
Erasing      : globus-gsi-credential-devel
21/79
Erasing      : globus-gass-copy
22/79
Erasing      : globus-gridftp-server-progs
23/79
Erasing      : ige-meta-globus-gridftp
24/79
Erasing      : globus-gfork
25/79
Erasing      : globus-gsi-callback
26/79
Erasing      : globus-authz-callout-error-devel
27/79
Erasing      : globus-gram-protocol
28/79
Erasing      : globus-authz
29/79
Erasing      : globus-xio-popen-driver
30/79
Erasing      : globus-gass-cache-devel
31/79
Erasing      : globus-gsi-proxy-core-devel
32/79
Erasing      : globus-gssapi-gsi-devel
33/79
Erasing      : globus-common-devel
34/79
Erasing      : globus-authz-devel
35/79
Erasing      : globus-common
36/79
Erasing      : globus-usage
37/79
Erasing      : globus-xio-pipe-driver-devel
38/79
Erasing      : globus-ftp-client-doc
39/79
Erasing      : globus-gass-cache
40/79
Erasing      : globus-gass-server-ez
41/79
Erasing      : globus-io-devel
42/79
Erasing      : globus-ftp-client-devel
43/79
Erasing      : globus-gssapi-error
44/79
Erasing      : globus-gridftp-server-devel
45/79
Erasing      : globus-gss-assist
46/79
Erasing      : globus-io
47/79
Erasing      : globus-ftp-control-devel
48/79
```





```
globus-xio-popen-driver.x86_64 0:0.9-3.el5          globus-xio-popen-driver-devel.x86_64 0:0.9-3.el5

Dependency Removed:
  ige-meta-globus-gridftp.noarch 0:1.0-1.el5

Complete!
[root@test20 yum.repos.d]# yum install ige-meta-globus-gridftp
Loaded plugins: kernel-module, priorities, protectbase
Repository EGI-trustanchors is listed more than once in the configuration
543 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Setting up Install Process
Resolving Dependencies
--> Running transaction check
----> Package ige-meta-globus-gridftp.noarch 0:1.0-1.el5 set to be updated
--> Processing Dependency: globus-gfork-devel for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gass-server-ez-devel for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-ftp-control-doc for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-ftp-client-devel for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gass-copy-devel for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gridftp-server-control for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gass-copy for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gass-server-ez-progs for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-ftp-control-devel for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gridftp-server for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gass-copy-progs for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gridftp-server-devel for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gridftp-server-control-devel for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-ftp-client-doc for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gass-cache-devel for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gridftp-server-progs for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gass-cache-program for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gfork for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-ftp-client for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gass-cache for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gfork-progs for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gass-transfer-doc for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gass-transfer for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gass-copy-doc for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-ftp-control for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gass-transfer-devel for package: ige-meta-globus-gridftp
--> Processing Dependency: globus-gass-server-ez for package: ige-meta-globus-gridftp
--> Running transaction check
----> Package globus-ftp-client.x86_64 0:6.0-2.el5 set to be updated
--> Processing Dependency: globus-xio-popen-driver for package: globus-ftp-client
--> Processing Dependency: libglobus_gssapi_gsi.so.4(globus_gssapi_gsi) (64bit) for package: globus-ftp-client
--> Processing Dependency: libglobus_gsi_callback.so.0() (64bit) for package: globus-ftp-client
--> Processing Dependency: libglobus_xio.so.0() (64bit) for package: globus-ftp-client
--> Processing Dependency: libglobus_gsi_credential.so.1() (64bit) for package: globus-ftp-client
--> Processing Dependency: libglobus_gsi_sysconfig.so.1() (64bit) for package: globus-ftp-client
--> Processing Dependency: libglobus_gssapi_gsi.so.4() (64bit) for package: globus-ftp-client
--> Processing Dependency: libglobus_common.so.0() (64bit) for package: globus-ftp-client
----> Package globus-ftp-client-devel.x86_64 0:6.0-2.el5 set to be updated
--> Processing Dependency: globus-common-devel >= 4 for package: globus-ftp-client-devel
--> Processing Dependency: globus-core >= 4 for package: globus-ftp-client-devel
--> Processing Dependency: globus-xio-popen-driver-devel for package: globus-ftp-client-devel
----> Package globus-ftp-client-doc.x86_64 0:6.0-2.el5 set to be updated
----> Package globus-ftp-control.x86_64 0:2.12-2.el5 set to be updated
--> Processing Dependency: libglobus_gssapi_error.so.2() (64bit) for package: globus-ftp-control
--> Processing Dependency: libglobus_gss_assist.so.3() (64bit) for package: globus-ftp-control
--> Processing Dependency: libglobus_io.so.3() (64bit) for package: globus-ftp-control
----> Package globus-ftp-control-devel.x86_64 0:2.12-2.el5 set to be updated
--> Processing Dependency: globus-io-devel >= 6 for package: globus-ftp-control-devel
--> Processing Dependency: globus-gssapi-gsi-devel >= 4 for package: globus-ftp-control-devel
--> Processing Dependency: globus-gss-assist-devel >= 3 for package: globus-ftp-control-devel
----> Package globus-ftp-control-doc.x86_64 0:2.12-2.el5 set to be updated
----> Package globus-gass-cache.x86_64 0:5.4-4.el5 set to be updated
--> Processing Dependency: globus-openssl >= 1 for package: globus-gass-cache
----> Package globus-gass-cache-devel.x86_64 0:5.4-4.el5 set to be updated
--> Processing Dependency: globus-openssl-devel >= 1 for package: globus-gass-cache-devel
----> Package globus-gass-cache-program.x86_64 0:2.8-3.el5 set to be updated
--> Processing Dependency: perl(Globus::Core::Paths) for package: globus-gass-cache-program
--> Processing Dependency: libglobus_gsi_cert_utils.so.0() (64bit) for package: globus-gass-cache-program
--> Processing Dependency: libglobus_gram_client.so.3() (64bit) for package: globus-gass-cache-program
--> Processing Dependency: libglobus_openssl.so.0() (64bit) for package: globus-gass-cache-program
--> Processing Dependency: libglobus_gram_protocol.so.3() (64bit) for package: globus-gass-cache-program
--> Processing Dependency: libglobus_proxy_ssl.so.1() (64bit) for package: globus-gass-cache-program
--> Processing Dependency: libglobus_gsi_proxy_core.so.0() (64bit) for package: globus-gass-cache-program
--> Processing Dependency: libglobus_openssl_error.so.0() (64bit) for package: globus-gass-cache-program
--> Processing Dependency: libglobus_callout.so.0() (64bit) for package: globus-gass-cache-program
--> Processing Dependency: libglobus_rsl.so.2() (64bit) for package: globus-gass-cache-program
----> Package globus-gass-copy.x86_64 0:5.14-2.el5 set to be updated
----> Package globus-gass-copy-devel.x86_64 0:5.14-2.el5 set to be updated
----> Package globus-gass-copy-doc.x86_64 0:5.14-2.el5 set to be updated
----> Package globus-gass-copy-progs.x86_64 0:5.14-2.el5 set to be updated
----> Package globus-gass-server-ez.x86_64 0:2.6-3.el5 set to be updated
----> Package globus-gass-server-ez-devel.x86_64 0:2.6-3.el5 set to be updated
----> Package globus-gass-server-ez-progs.x86_64 0:2.6-3.el5 set to be updated
----> Package globus-gass-transfer.x86_64 0:4.3-3.el5 set to be updated
----> Package globus-gass-transfer-devel.x86_64 0:4.3-3.el5 set to be updated
----> Package globus-gass-transfer-doc.x86_64 0:4.3-3.el5 set to be updated
----> Package globus-gfork.x86_64 0:0.2-6.el5 set to be updated
----> Package globus-gfork-devel.x86_64 0:0.2-6.el5 set to be updated
--> Processing Dependency: globus-xio-devel >= 2 for package: globus-gfork-devel
----> Package globus-gfork-progs.x86_64 0:0.2-6.el5 set to be updated
----> Package globus-gridftp-server.x86_64 0:3.33-1.2.el5 set to be updated
--> Processing Dependency: globus-xio-gsi-driver for package: globus-gridftp-server
--> Processing Dependency: libglobus_authz.so.0() (64bit) for package: globus-gridftp-server
--> Processing Dependency: libglobus_usage.so.0() (64bit) for package: globus-gridftp-server
----> Package globus-gridftp-server-control.x86_64 0:0.46-1.el5 set to be updated
--> Processing Dependency: globus-xio-pipe-driver for package: globus-gridftp-server-control
```

```

----> Package globus-gridftp-server-control-devel.x86_64 0:0.46-1.e15 set to be updated
--> Processing Dependency: globus-xio-gsi-driver-devel for package: globus-gridftp-server-control-devel
--> Processing Dependency: globus-xio-pipe-driver-devel for package: globus-gridftp-server-control-devel
--> Processing Dependency: globus-gssapi-error-devel for package: globus-gridftp-server-control-devel
----> Package globus-gridftp-server-devel.x86_64 0:3.33-1.2.e15 set to be updated
--> Processing Dependency: globus-usage-devel >= 1 for package: globus-gridftp-server-devel
--> Processing Dependency: globus-authz-devel for package: globus-gridftp-server-devel
----> Package globus-gridftp-server-progs.x86_64 0:3.33-1.2.e15 set to be updated
--> Processing Dependency: libglobus_gsi_authz_callout_error.so.0() (64bit) for package: globus-gridftp-server-progs
--> Running transaction check
----> Package globus-authz.x86_64 0:0.7-4.e15 set to be updated
----> Package globus-authz-callout-error.x86_64 0:0.5-3.e15 set to be updated
----> Package globus-authz-devel.x86_64 0:0.7-4.e15 set to be updated
--> Processing Dependency: globus-callout-devel for package: globus-authz-devel
--> Processing Dependency: globus-authz-callout-error-devel for package: globus-authz-devel
----> Package globus-callout.x86_64 0:0.7-8.e15 set to be updated
--> Processing Dependency: globus-libtool >= 1 for package: globus-callout
----> Package globus-common.x86_64 0:11.6-2.e15 set to be updated
----> Package globus-common-devel.x86_64 0:11.6-2.e15 set to be updated
--> Processing Dependency: globus-libtool-devel >= 1 for package: globus-common-devel
----> Package globus-common-progs.x86_64 0:11.6-2.e15 set to be updated
----> Package globus-core.x86_64 0:5.17-3.e15 set to be updated
----> Package globus-gram-client.x86_64 0:10.4-4.e15 set to be updated
----> Package globus-gram-protocol.x86_64 0:9.7-6.e15 set to be updated
----> Package globus-gsi-callback.x86_64 0:2.8-2.e15 set to be updated
----> Package globus-gsi-cert-utils.x86_64 0:6.7-2.e15 set to be updated
----> Package globus-gsi-credential.x86_64 0:3.5-3.e15 set to be updated
----> Package globus-gsi-openssl-error.x86_64 0:0.14-8.e15 set to be updated
----> Package globus-gsi-proxy-core.x86_64 0:4.7-2.e15 set to be updated
----> Package globus-gsi-proxy-ssl.x86_64 0:2.3-3.e15 set to be updated
----> Package globus-gsi-sysconfig.x86_64 0:3.2-1.e15 set to be updated
----> Package globus-gss-assist.x86_64 0:5.10-1.e15 set to be updated
----> Package globus-gss-assist-devel.x86_64 0:5.10-1.e15 set to be updated
--> Processing Dependency: globus-gsi-cert-utils-devel >= 2 for package: globus-gss-assist-devel
--> Processing Dependency: globus-gsi-sysconfig-devel >= 1 for package: globus-gss-assist-devel
----> Package globus-gssapi-error.x86_64 0:2.5-8.e15 set to be updated
----> Package globus-gssapi-error-devel.x86_64 0:2.5-8.e15 set to be updated
----> Package globus-gssapi-gsi.x86_64 0:7.8-1.e15 set to be updated
----> Package globus-gssapi-gsi-devel.x86_64 0:7.8-1.e15 set to be updated
--> Processing Dependency: globus-gsi-proxy-core-devel >= 1 for package: globus-gssapi-gsi-devel
--> Processing Dependency: globus-gsi-credential-devel >= 1 for package: globus-gssapi-gsi-devel
--> Processing Dependency: globus-gsi-callback-devel for package: globus-gssapi-gsi-devel
--> Processing Dependency: globus-gsi-openssl-error-devel for package: globus-gssapi-gsi-devel
--> Processing Dependency: globus-openssl-module-devel for package: globus-gssapi-gsi-devel
----> Package globus-io.x86_64 0:6.3-6.e15 set to be updated
----> Package globus-io-devel.x86_64 0:6.3-6.e15 set to be updated
----> Package globus-openssl.x86_64 0:5.1-2.e15 set to be updated
----> Package globus-openssl-devel.x86_64 0:5.1-2.e15 set to be updated
----> Package globus-openssl-module.x86_64 0:1.3-3.e15 set to be updated
----> Package globus-rsl.x86_64 0:7.3-1.e15 set to be updated
----> Package globus-usage.x86_64 0:1.4-2.e15 set to be updated
----> Package globus-usage-devel.x86_64 0:1.4-2.e15 set to be updated
----> Package globus-xio.x86_64 0:2.8-4.e15 set to be updated
----> Package globus-xio-devel.x86_64 0:2.8-4.e15 set to be updated
----> Package globus-xio-gsi-driver.x86_64 0:0.6-7.e15 set to be updated
----> Package globus-xio-gsi-driver-devel.x86_64 0:0.6-7.e15 set to be updated
----> Package globus-xio-pipe-driver.x86_64 0:0.1-3.e15 set to be updated
----> Package globus-xio-pipe-driver-devel.x86_64 0:0.1-3.e15 set to be updated
----> Package globus-xio-popen-driver.x86_64 0:0.9-3.e15 set to be updated
----> Package globus-xio-popen-driver-devel.x86_64 0:0.9-3.e15 set to be updated
--> Running transaction check
----> Package globus-authz-callout-error-devel.x86_64 0:0.5-3.e15 set to be updated
----> Package globus-callout-devel.x86_64 0:0.7-8.e15 set to be updated
----> Package globus-gsi-callback-devel.x86_64 0:2.8-2.e15 set to be updated
--> Processing Dependency: globus-gsi-proxy-ssl-devel >= 1 for package: globus-gsi-callback-devel
----> Package globus-gsi-cert-utils-devel.x86_64 0:6.7-2.e15 set to be updated
----> Package globus-gsi-credential-devel.x86_64 0:3.5-3.e15 set to be updated
----> Package globus-gsi-openssl-error-devel.x86_64 0:0.14-8.e15 set to be updated
----> Package globus-gsi-proxy-core-devel.x86_64 0:4.7-2.e15 set to be updated
----> Package globus-gsi-sysconfig-devel.x86_64 0:3.2-1.e15 set to be updated
----> Package globus-libtool.x86_64 0:1.2-4.e15 set to be updated
----> Package globus-libtool-devel.x86_64 0:1.2-4.e15 set to be updated
----> Package globus-openssl-module-devel.x86_64 0:1.3-3.e15 set to be updated
--> Running transaction check
----> Package globus-gsi-proxy-ssl-devel.x86_64 0:2.3-3.e15 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin

```

Dependencies Resolved

```

=====
Package                               Arch                               Version
Repository                               Size                               4.0
=====
Installing:
 ige-meta-globus-gridftp                noarch                             1.0-
1.e15
Installing for dependencies:
 globus-authz                            x86_64                             0.7-
4.e15
 globus-authz-callout-error              x86_64                             0.5-
3.e15
 globus-authz-callout-error-devel        x86_64                             0.5-
3.e15
 globus-authz-devel                       x86_64                             0.7-
4.e15
 globus-callout                           x86_64                             0.7-
8.e15
 globus-common                            x86_64                             11.6-
2.e15
 globus-common-devel                     x86_64                             11.6-
2.e15
 globus-core                              x86_64                             5.17-
3.e15
 globus-gram-client                      x86_64                             10.4-
4.e15
 globus-gram-protocol                    x86_64                             9.7-
6.e15
 globus-gsi-callback                     x86_64                             2.8-
2.e15
 globus-gsi-cert-utils                   x86_64                             6.7-
2.e15
 globus-gsi-credential                   x86_64                             3.5-
3.e15
 globus-gsi-openssl-error                x86_64                             0.14-
8.e15
 globus-gsi-proxy-core                   x86_64                             4.7-
2.e15
 globus-gsi-sysconfig                    x86_64                             3.2-
1.e15
 globus-libtool                           x86_64                             1.2-
4.e15
 globus-libtool-devel                     x86_64                             1.2-
4.e15
 globus-openssl-module-devel              x86_64                             1.3-
3.e15
=====

```

globus-callout-devel		x86_64		0.7-
8.e15	UMD-1-updates		7.7 k	
globus-common		x86_64		11.6-
2.e15	UMD-1-updates		109 k	
globus-common-devel		x86_64		11.6-
2.e15	UMD-1-updates		64 k	
globus-common-progs		x86_64		11.6-
2.e15	UMD-1-updates		63 k	
globus-core		x86_64		5.17-
3.e15	UMD-1-updates		99 k	
globus-ftp-client		x86_64		6.0-
2.e15	UMD-1-updates		92 k	
globus-ftp-client-devel		x86_64		6.0-
2.e15	UMD-1-updates		23 k	
globus-ftp-client-doc		x86_64		6.0-
2.e15	UMD-1-updates		609 k	
globus-ftp-control		x86_64		2.12-
2.e15	UMD-1-updates		67 k	
globus-ftp-control-devel		x86_64		2.12-
2.e15	UMD-1-updates		15 k	
globus-ftp-control-doc		x86_64		2.12-
2.e15	UMD-1-updates		329 k	
globus-gass-cache		x86_64		5.4-
4.e15	UMD-1-updates		26 k	
globus-gass-cache-devel		x86_64		5.4-
4.e15	UMD-1-updates		8.9 k	
globus-gass-cache-program		x86_64		2.8-
3.e15	UMD-1-updates		26 k	
globus-gass-copy		x86_64		5.14-
2.e15	UMD-1-updates		36 k	
globus-gass-copy-devel		x86_64		5.14-
2.e15	UMD-1-updates		11 k	
globus-gass-copy-doc		x86_64		5.14-
2.e15	UMD-1-updates		189 k	
globus-gass-copy-progs		x86_64		5.14-
2.e15	UMD-1-updates		39 k	
globus-gass-server-ez		x86_64		2.6-
3.e15	UMD-1-updates		14 k	
globus-gass-server-ez-devel		x86_64		2.6-
3.e15	UMD-1-updates		5.7 k	
globus-gass-server-ez-progs		x86_64		2.6-
3.e15	UMD-1-updates		11 k	
globus-gass-transfer		x86_64		4.3-
3.e15	UMD-1-updates		40 k	
globus-gass-transfer-devel		x86_64		4.3-
3.e15	UMD-1-updates		15 k	
globus-gass-transfer-doc		x86_64		4.3-
3.e15	UMD-1-updates		320 k	
globus-gfork		x86_64		0.2-
6.e15	UMD-1-updates		18 k	
globus-gfork-devel		x86_64		0.2-
6.e15	UMD-1-updates		5.2 k	
globus-gfork-progs		x86_64		0.2-
6.e15	UMD-1-updates		16 k	
globus-gram-client		x86_64		10.4-
4.e15	UMD-1-updates		21 k	
globus-gram-protocol		x86_64		9.7-
6.e15	UMD-1-updates		39 k	
globus-gridftp-server		x86_64		3.33-
1.2.e15	UMD-1-updates		119 k	
globus-gridftp-server-control		x86_64		0.46-
1.e15	UMD-1-updates		59 k	
globus-gridftp-server-control-devel		x86_64		0.46-
1.e15	UMD-1-updates		11 k	
globus-gridftp-server-devel		x86_64		3.33-
1.2.e15	UMD-1-updates		18 k	
globus-gridftp-server-progs		x86_64		3.33-
1.2.e15	UMD-1-updates		40 k	
globus-gsi-callback		x86_64		2.8-
2.e15	UMD-1-updates		38 k	
globus-gsi-callback-devel		x86_64		2.8-
2.e15	UMD-1-updates		8.9 k	
globus-gsi-cert-utils		x86_64		6.7-
2.e15	UMD-1-updates		18 k	
globus-gsi-cert-utils-devel		x86_64		6.7-
2.e15	UMD-1-updates		8.9 k	
globus-gsi-credential		x86_64		3.5-
3.e15	UMD-1-updates		32 k	
globus-gsi-credential-devel		x86_64		3.5-
3.e15	UMD-1-updates		9.3 k	
globus-gsi-openssl-error		x86_64		0.14-
8.e15	UMD-1-updates		15 k	
globus-gsi-openssl-error-devel		x86_64		0.14-
8.e15	UMD-1-updates		7.0 k	
globus-gsi-proxy-core		x86_64		4.7-
2.e15	UMD-1-updates		33 k	
globus-gsi-proxy-core-devel		x86_64		4.7-
2.e15	UMD-1-updates		9.4 k	
globus-gsi-proxy-ssl		x86_64		2.3-
3.e15	UMD-1-updates		17 k	
globus-gsi-proxy-ssl-devel		x86_64		2.3-
3.e15	UMD-1-updates		8.4 k	
globus-gsi-sysconfig		x86_64		3.2-
1.e15	UMD-1-updates		28 k	
globus-gsi-sysconfig-devel		x86_64		3.2-
1.e15	UMD-1-updates		10 k	
globus-gss-assist		x86_64		5.10-
1.e15	UMD-1-updates		31 k	
globus-gss-assist-devel		x86_64		5.10-
1.e15	UMD-1-updates		9.4 k	
globus-gssapi-error		x86_64		2.5-
8.e15	UMD-1-updates		13 k	

globus-gssapi-error-devel			x86_64		2.5-
8.el5	UMD-1-updates			6.8 k	
globus-gssapi-gsi			x86_64		7.8-
1.el5	UMD-1-updates			54 k	
globus-gssapi-gsi-devel			x86_64		7.8-
1.el5	UMD-1-updates			13 k	
globus-io			x86_64		6.3-
6.el5	UMD-1-updates			43 k	
globus-io-devel			x86_64		6.3-
6.el5	UMD-1-updates			11 k	
globus-libtool			x86_64		1.2-
4.el5	UMD-1-updates			4.1 k	
globus-libtool-devel			x86_64		1.2-
4.el5	UMD-1-updates			4.2 k	
globus-openssl			x86_64		5.1-
2.el5	UMD-1-updates			4.4 k	
globus-openssl-devel			x86_64		5.1-
2.el5	UMD-1-updates			4.6 k	
globus-openssl-module			x86_64		1.3-
3.el5	UMD-1-updates			13 k	
globus-openssl-module-devel			x86_64		1.3-
3.el5	UMD-1-updates			6.9 k	
globus-rsl			x86_64		7.3-
1.el5	UMD-1-updates			27 k	
globus-usage			x86_64		1.4-
2.el5	UMD-1-updates			15 k	
globus-usage-devel			x86_64		1.4-
2.el5	UMD-1-updates			6.0 k	
globus-xio			x86_64		2.8-
4.el5	UMD-1-updates			123 k	
globus-xio-devel			x86_64		2.8-
4.el5	UMD-1-updates			48 k	
globus-xio-gsi-driver			x86_64		0.6-
7.el5	UMD-1-updates			29 k	
globus-xio-gsi-driver-devel			x86_64		0.6-
7.el5	UMD-1-updates			9.7 k	
globus-xio-pipe-driver			x86_64		0.1-
3.el5	UMD-1-updates			13 k	
globus-xio-pipe-driver-devel			x86_64		0.1-
3.el5	UMD-1-updates			4.7 k	
globus-xio-popen-driver			x86_64		0.9-
3.el5	UMD-1-updates			17 k	
globus-xio-popen-driver-devel			x86_64		0.9-
3.el5	UMD-1-updates			5.9 k	

Transaction Summary

```

=====
Install      79 Package(s)
Upgrade      0 Package(s)

```

Total download size: 3.3 M

Is this ok [y/N]: y

Downloading Packages:

```

(1/79): ige-meta-globus-gridftp-1.0-1.el5.noarch.rpm
| 2.4 kB 00:00
(2/79): globus-libtool-1.2-4.el5.x86_64.rpm
| 4.1 kB 00:00
(3/79): globus-libtool-devel-1.2-4.el5.x86_64.rpm
| 4.2 kB 00:00
(4/79): globus-openssl-5.1-2.el5.x86_64.rpm
| 4.4 kB 00:00
(5/79): globus-openssl-devel-5.1-2.el5.x86_64.rpm
| 4.6 kB 00:00
(6/79): globus-xio-pipe-driver-devel-0.1-3.el5.x86_64.rpm
| 4.7 kB 00:00
(7/79): globus-authz-devel-0.7-4.el5.x86_64.rpm
| 5.1 kB 00:00
(8/79): globus-gfork-devel-0.2-6.el5.x86_64.rpm
| 5.2 kB 00:00
(9/79): globus-authz-callout-error-devel-0.5-3.el5.x86_64.rpm
| 5.7 kB 00:00
(10/79): globus-gass-server-ez-devel-2.6-3.el5.x86_64.rpm
| 5.7 kB 00:00
(11/79): globus-xio-popen-driver-devel-0.9-3.el5.x86_64.rpm
| 5.9 kB 00:00
(12/79): globus-usage-devel-1.4-2.el5.x86_64.rpm
| 6.0 kB 00:00
(13/79): globus-gssapi-error-devel-2.5-8.el5.x86_64.rpm
| 6.8 kB 00:00
(14/79): globus-openssl-module-devel-1.3-3.el5.x86_64.rpm
| 6.9 kB 00:00
(15/79): globus-gsi-openssl-error-devel-0.14-8.el5.x86_64.rpm
| 7.0 kB 00:00
(16/79): globus-callout-devel-0.7-8.el5.x86_64.rpm
| 7.7 kB 00:00
(17/79): globus-gsi-proxy-ssl-devel-2.3-3.el5.x86_64.rpm
| 8.4 kB 00:00
(18/79): globus-gsi-callback-devel-2.8-2.el5.x86_64.rpm
| 8.9 kB 00:00
(19/79): globus-gass-cache-devel-5.4-4.el5.x86_64.rpm
| 8.9 kB 00:00
(20/79): globus-gsi-cert-utils-devel-6.7-2.el5.x86_64.rpm
| 8.9 kB 00:00
(21/79): globus-gsi-credential-devel-3.5-3.el5.x86_64.rpm
| 9.3 kB 00:00
(22/79): globus-gss-assist-devel-5.10-1.el5.x86_64.rpm
| 9.4 kB 00:00
(23/79): globus-gsi-proxy-core-devel-4.7-2.el5.x86_64.rpm
| 9.4 kB 00:00
(24/79): globus-xio-gsi-driver-devel-0.6-7.el5.x86_64.rpm
| 9.7 kB 00:00

```

(25/79): globus-gsi-sysconfig-devel-3.2-1.e15.x86\_64.rpm  
| 10 kB 00:00  
(26/79): globus-authz-callout-error-0.5-3.e15.x86\_64.rpm  
| 10 kB 00:00  
(27/79): globus-gridftp-server-control-devel-0.46-1.e15.x86\_64.rpm  
| 11 kB 00:00  
(28/79): globus-io-devel-6.3-6.e15.x86\_64.rpm  
| 11 kB 00:00  
(29/79): globus-gass-server-ez-progs-2.6-3.e15.x86\_64.rpm  
| 11 kB 00:00  
(30/79): globus-gass-copy-devel-5.14-2.e15.x86\_64.rpm  
| 11 kB 00:00  
(31/79): globus-gssapi-gsi-devel-7.8-1.e15.x86\_64.rpm  
| 13 kB 00:00  
(32/79): globus-openssl-module-1.3-3.e15.x86\_64.rpm  
| 13 kB 00:00  
(33/79): globus-authz-0.7-4.e15.x86\_64.rpm  
| 13 kB 00:00  
(34/79): globus-xio-pipe-driver-0.1-3.e15.x86\_64.rpm  
| 13 kB 00:00  
(35/79): globus-gssapi-error-2.5-8.e15.x86\_64.rpm  
| 13 kB 00:00  
(36/79): globus-gass-server-ez-2.6-3.e15.x86\_64.rpm  
| 14 kB 00:00  
(37/79): globus-gsi-openssl-error-0.14-8.e15.x86\_64.rpm  
| 15 kB 00:00  
(38/79): globus-ftp-control-devel-2.12-2.e15.x86\_64.rpm  
| 15 kB 00:00  
(39/79): globus-gass-transfer-devel-4.3-3.e15.x86\_64.rpm  
| 15 kB 00:00  
(40/79): globus-usage-1.4-2.e15.x86\_64.rpm  
| 15 kB 00:00  
(41/79): globus-callout-0.7-8.e15.x86\_64.rpm  
| 16 kB 00:00  
(42/79): globus-gfork-progs-0.2-6.e15.x86\_64.rpm  
| 16 kB 00:00  
(43/79): globus-xio-popen-driver-0.9-3.e15.x86\_64.rpm  
| 17 kB 00:00  
(44/79): globus-gsi-proxy-ssl-2.3-3.e15.x86\_64.rpm  
| 17 kB 00:00  
(45/79): globus-gfork-0.2-6.e15.x86\_64.rpm  
| 18 kB 00:00  
(46/79): globus-gridftp-server-devel-3.33-1.2.e15.x86\_64.rpm  
| 18 kB 00:00  
(47/79): globus-gsi-cert-utils-6.7-2.e15.x86\_64.rpm  
| 18 kB 00:00  
(48/79): globus-gram-client-10.4-4.e15.x86\_64.rpm  
| 21 kB 00:00  
(49/79): globus-ftp-client-devel-6.0-2.e15.x86\_64.rpm  
| 23 kB 00:00  
(50/79): globus-gass-cache-5.4-4.e15.x86\_64.rpm  
| 26 kB 00:00  
(51/79): globus-gass-cache-program-2.8-3.e15.x86\_64.rpm  
| 26 kB 00:00  
(52/79): globus-rsl-7.3-1.e15.x86\_64.rpm  
| 27 kB 00:00  
(53/79): globus-gsi-sysconfig-3.2-1.e15.x86\_64.rpm  
| 28 kB 00:00  
(54/79): globus-xio-gsi-driver-0.6-7.e15.x86\_64.rpm  
| 29 kB 00:00  
(55/79): globus-gss-assist-5.10-1.e15.x86\_64.rpm  
| 31 kB 00:00  
(56/79): globus-gsi-credential-3.5-3.e15.x86\_64.rpm  
| 32 kB 00:00  
(57/79): globus-gsi-proxy-core-4.7-2.e15.x86\_64.rpm  
| 33 kB 00:00  
(58/79): globus-gass-copy-5.14-2.e15.x86\_64.rpm  
| 36 kB 00:00  
(59/79): globus-gsi-callback-2.8-2.e15.x86\_64.rpm  
| 38 kB 00:00  
(60/79): globus-gass-copy-progs-5.14-2.e15.x86\_64.rpm  
| 39 kB 00:00  
(61/79): globus-gram-protocol-9.7-6.e15.x86\_64.rpm  
| 39 kB 00:00  
(62/79): globus-gass-transfer-4.3-3.e15.x86\_64.rpm  
| 40 kB 00:00  
(63/79): globus-gridftp-server-progs-3.33-1.2.e15.x86\_64.rpm  
| 40 kB 00:00  
(64/79): globus-io-6.3-6.e15.x86\_64.rpm  
| 43 kB 00:00  
(65/79): globus-xio-devel-2.8-4.e15.x86\_64.rpm  
| 48 kB 00:00  
(66/79): globus-gssapi-gsi-7.8-1.e15.x86\_64.rpm  
| 54 kB 00:00  
(67/79): globus-gridftp-server-control-0.46-1.e15.x86\_64.rpm  
| 59 kB 00:00  
(68/79): globus-common-progs-11.6-2.e15.x86\_64.rpm  
| 63 kB 00:00  
(69/79): globus-common-devel-11.6-2.e15.x86\_64.rpm  
| 64 kB 00:00  
(70/79): globus-ftp-control-2.12-2.e15.x86\_64.rpm  
| 67 kB 00:00  
(71/79): globus-ftp-client-6.0-2.e15.x86\_64.rpm  
| 92 kB 00:00  
(72/79): globus-core-5.17-3.e15.x86\_64.rpm  
| 99 kB 00:00  
(73/79): globus-common-11.6-2.e15.x86\_64.rpm  
| 109 kB 00:00  
(74/79): globus-gridftp-server-3.33-1.2.e15.x86\_64.rpm  
| 119 kB 00:00  
(75/79): globus-xio-2.8-4.e15.x86\_64.rpm  
| 123 kB 00:00

```
(76/79): globus-gass-copy-doc-5.14-2.el5.x86_64.rpm
| 189 kB    00:00
(77/79): globus-gass-transfer-doc-4.3-3.el5.x86_64.rpm
| 320 kB    00:00
(78/79): globus-ftp-control-doc-2.12-2.el5.x86_64.rpm
| 329 kB    00:00
(79/79): globus-ftp-client-doc-6.0-2.el5.x86_64.rpm
| 609 kB    00:00
```

```
-----
Total
101 kB/s | 3.3 MB    00:33
Running rpm_check debug
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction
  Installing      : globus-core
1/79
  Installing      : globus-openssl
2/79
  Installing      : globus-gsi-proxy-ssl
3/79
  Installing      : globus-openssl-devel
4/79
  Installing      : globus-libtool
5/79
  Installing      : globus-common
6/79
  Installing      : globus-xio
7/79
  Installing      : globus-gsi-openssl-error
8/79
  Installing      : globus-gsi-sysconfig
9/79
  Installing      : globus-openssl-module
10/79
  Installing      : globus-gsi-cert-utils
11/79
  Installing      : globus-gsi-callback
12/79
  Installing      : globus-gsi-credential
13/79
  Installing      : globus-callout
14/79
  Installing      : globus-gsi-proxy-core
15/79
  Installing      : globus-gssapi-gsi
16/79
  Installing      : globus-gss-assist
17/79
  Installing      : globus-gssapi-error
18/79
  Installing      : globus-xio-gsi-driver
19/79
  Installing      : globus-io
20/79
  Installing      : globus-ftp-control
21/79
  Installing      : globus-gass-transfer
22/79
  Installing      : globus-gfork
23/79
  Installing      : globus-gass-server-ez
24/79
  Installing      : globus-usage
25/79
  Installing      : globus-gass-cache
26/79
  Installing      : globus-authz-callout-error
27/79
  Installing      : globus-authz
28/79
  Installing      : globus-gsi-proxy-ssl-devel
29/79
  Installing      : globus-gram-protocol
30/79
  Installing      : globus-xio-popen-driver
31/79
  Installing      : globus-ftp-client
32/79
  Installing      : globus-gass-copy
33/79
  Installing      : globus-xio-pipe-driver
34/79
  Installing      : globus-gridftp-server-control
35/79
  Installing      : globus-gridftp-server
36/79
  Installing      : globus-common-progs
37/79
  Installing      : globus-rsl
38/79
  Installing      : globus-libtool-devel
39/79
  Installing      : globus-gram-client
40/79
  Installing      : globus-gass-cache-program
41/79
  Installing      : globus-gridftp-server-progs
42/79
```

```

Installing      : globus-gass-copy-progs
43/79
Installing      : globus-gass-server-ez-progs
44/79
Installing      : globus-gfork-progs
45/79
Installing      : globus-common-devel
46/79
Installing      : globus-xio-devel
47/79
Installing      : globus-gsi-openssl-error-devel
48/79
Installing      : globus-openssl-module-devel
49/79
Installing      : globus-gsi-cert-utils-devel
50/79
Installing      : globus-gsi-sysconfig-devel
51/79
Installing      : globus-gsi-callback-devel
52/79
Installing      : globus-gsi-credential-devel
53/79
Installing      : globus-gfork-devel
54/79
Installing      : globus-callout-devel
55/79
Installing      : globus-gsi-proxy-core-devel
56/79
Installing      : globus-gssapi-gsi-devel
57/79
Installing      : globus-gss-assist-devel
58/79
Installing      : globus-gssapi-error-devel
59/79
Installing      : globus-xio-gsi-driver-devel
60/79
Installing      : globus-io-devel
61/79
Installing      : globus-ftp-control-devel
62/79
Installing      : globus-gass-transfer-devel
63/79
Installing      : globus-gass-server-ez-devel
64/79
Installing      : globus-xio-popen-driver-devel
65/79
Installing      : globus-ftp-client-devel
66/79
Installing      : globus-gass-copy-devel
67/79
Installing      : globus-xio-pipe-driver-devel
68/79
Installing      : globus-gridftp-server-control-devel
69/79
Installing      : globus-usage-devel
70/79
Installing      : globus-authz-callout-error-devel
71/79
Installing      : globus-authz-devel
72/79
Installing      : globus-gridftp-server-devel
73/79
Installing      : globus-gass-cache-devel
74/79
Installing      : globus-gass-copy-doc
75/79
Installing      : globus-ftp-client-doc
76/79
Installing      : globus-gass-transfer-doc
77/79
Installing      : globus-ftp-control-doc
78/79
Installing      : ige-meta-globus-gridftp
79/79

```

```

Installed:
  ige-meta-globus-gridftp.noarch 0:1.0-1.e15

```

Dependency Installed:

```

globus-authz.x86_64 0:0.7-4.e15
globus-authz-callout-devel.x86_64 0:0.5-3.e15
globus-callout.x86_64 0:0.7-8.e15
common.x86_64 0:11.6-2.e15
globus-common-progs.x86_64 0:11.6-2.e15
ftp-client.x86_64 0:6.0-2.e15
globus-ftp-client-doc.x86_64 0:6.0-2.e15
ftp-control-devel.x86_64 0:2.12-2.e15
globus-gass-cache.x86_64 0:5.4-4.e15
gass-cache-program.x86_64 0:2.8-3.e15
globus-gass-copy-devel.x86_64 0:5.14-2.e15
gass-copy-progs.x86_64 0:5.14-2.e15
globus-gass-server-ez-devel.x86_64 0:2.6-3.e15
gass-transfer.x86_64 0:4.3-3.e15
globus-gass-transfer-doc.x86_64 0:4.3-3.e15
gfork-devel.x86_64 0:0.2-6.e15
globus-gram-client.x86_64 0:10.4-4.e15
gridftp-server.x86_64 0:3.33-1.2.e15
globus-gridftp-server-control-devel.x86_64 0:0.46-1.e15
gridftp-server-progs.x86_64 0:3.33-1.2.e15
globus-gsi-callback-devel.x86_64 0:2.8-2.e15
gsi-cert-utils-devel.x86_64 0:6.7-2.e15
globus-authz-callout-error.x86_64 0:0.5-3.e15
globus-authz-devel.x86_64 0:0.7-4.e15
globus-callout-devel.x86_64 0:0.7-8.e15
globus-common-devel.x86_64 0:11.6-2.e15
globus-core.x86_64 0:5.17-3.e15
globus-ftp-client-devel.x86_64 0:6.0-2.e15
globus-ftp-control.x86_64 0:2.12-2.e15
globus-ftp-control-doc.x86_64 0:2.12-2.e15
globus-gass-cache-devel.x86_64 0:5.4-4.e15
globus-gass-copy.x86_64 0:5.14-2.e15
globus-gass-copy-doc.x86_64 0:5.14-2.e15
globus-gass-server-ez.x86_64 0:2.6-3.e15
globus-gass-server-ez-progs.x86_64 0:2.6-3.e15
globus-gass-transfer-devel.x86_64 0:4.3-3.e15
globus-gfork.x86_64 0:0.2-6.e15
globus-gram-protocol.x86_64 0:9.7-6.e15
globus-gridftp-server-control.x86_64 0:0.46-1.e15
globus-gridftp-server-devel.x86_64 0:3.33-1.2.e15
globus-gsi-callback.x86_64 0:2.8-2.e15
globus-gsi-cert-devel.x86_64 0:6.7-2.e15
globus-gsi-credential.x86_64 0:3.5-3.e15

```

```

globus-gsi-credential-devel.x86_64 0:3.5-3.e15          globus-gsi-openssl-error.x86_64 0:0.14-8.e15          globus-
gsi-openssl-error-devel.x86_64 0:0.14-8.e15          globus-gsi-proxy-core.x86_64 0:4.7-2.e15
globus-gsi-proxy-core-devel.x86_64 0:4.7-2.e15          globus-gsi-proxy-ssl.x86_64 0:2.3-3.e15          globus-
gsi-proxy-ssl-devel.x86_64 0:2.3-3.e15          globus-gsi-sysconfig.x86_64 0:3.2-1.e15
globus-gsi-sysconfig-devel.x86_64 0:3.2-1.e15          globus-gss-assist.x86_64 0:5.10-1.e15          globus-
gss-assist-devel.x86_64 0:5.10-1.e15          globus-gssapi-error.x86_64 0:2.5-8.e15          globus-
globus-gssapi-error-devel.x86_64 0:2.5-8.e15          globus-gssapi-gsi.x86_64 0:7.8-1.e15          globus-
gssapi-gsi-devel.x86_64 0:7.8-1.e15          globus-io.x86_64 0:6.3-6.e15
globus-io-devel.x86_64 0:6.3-6.e15          globus-libtool.x86_64 0:1.2-4.e15          globus-
libtool-devel.x86_64 0:1.2-4.e15          globus-openssl.x86_64 0:5.1-2.e15
globus-openssl-devel.x86_64 0:5.1-2.e15          globus-openssl-module.x86_64 0:1.3-3.e15          globus-
openssl-module-devel.x86_64 0:1.3-3.e15          globus-rsl.x86_64 0:7.3-1.e15
globus-usage.x86_64 0:1.4-2.e15          globus-usage-devel.x86_64 0:1.4-2.e15          globus-
xio.x86_64 0:2.8-4.e15          globus-xio-devel.x86_64 0:2.8-4.e15
globus-xio-gsi-driver.x86_64 0:0.6-7.e15          globus-xio-gsi-driver-devel.x86_64 0:0.6-7.e15          globus-
xio-pipe-driver.x86_64 0:0.1-3.e15          globus-xio-pipe-driver-devel.x86_64 0:0.1-3.e15
globus-xio-popen-driver.x86_64 0:0.9-3.e15          globus-xio-popen-driver-devel.x86_64 0:0.9-3.e15

```

Complete!

## CONFIGURATION

Init script was modified to include logging:

```

[root@test20 ~]# vim /etc/init.d/globus-gridftp-server

#!/bin/bash

#

# globus-gridftp-server

#

# chkconfig: - 20 80

# description: Controls the globus-gridftp-server

#

### BEGIN INIT INFO

# Provides:          globus-gridftp-server

# Required-Start:    $remote_fs $syslog

# Required-Stop:     $remote_fs $syslog

# Default-Stop:      0 1 2 3 4 5 6

# Short-Description: Globus Gridftp Server

# Description:       Globus Gridftp Server

### END INIT INFO

# source function library

. /etc/init.d/functions

sbindir="/usr/sbin"

sysconfdir="/etc"

localstatedir="/var"

rc=0

conf=${sysconfdir}/gridftp.conf

```



```
pidfile=${localstatedir}/run/globus-gridftp-server.pid
gridftpd=${sbindir}/globus-gridftp-server

start() {
    echo -n "Starting globus-gridftp-server: "
    if [ ! -f $conf ]; then
        cp $conf.default $conf;
    fi

    $gridftpd -S -c $conf -log-module stdio -log-level info,warn,error -logfile
/var/log/gridftp.log
    rc=$?

    [ $rc -eq 0 ] && success || failure
    [ $rc -eq 0 ] && touch /var/lock/subsys/globus-gridftp-server

    echo
    return $rc
}

stop() {
    echo -n "Stopping globus-gridftp-server: "
    killall -s INT $gridftpd 2>/dev/null
    rc=$?
    sleep 2
    killall -s KILL $gridftpd 2>/dev/null

    [ $rc -eq 0 ] && success || failure
    [ $rc -eq 0 ] && rm /var/lock/subsys/globus-gridftp-server

    echo
    return $rc
}

restart() {
    stop
    start
}
}
```

```

case "$1" in
    start)
        start
        ;;
    stop)
        stop
        ;;
    status)
        ;;
    restart | force-reload)
        restart
        ;;
    condrestart | try-restart)
        [ -e /var/lock/subsys/globus-gridftp-server ] && restart
        ;;
    reload)
        ;;
    *)
        echo "Usage: $0 {start|stop|status|restart|force-reload|condrestart|try-restart|
reload}"
        exit 1
        ;;
esac
exit $rc

```

Also, we added:

```
"/DC=es/DC=irisgrid/O=cesga/CN=host/test20.egi.cesga.es" root
```

to `/etc/grid-security/grid-mapfile`

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

```
Starting globus-gridftp-server: [ OK ]
```

```
[root@test20 ~]# globus-url-copy -vb -tcp-bs 2097152 -p 4 foo
gsiftp://test20.egi.cesga.es/tmp/bar
```

```
Source: file:///root/
```

```
Dest: gsiftp://test20.egi.cesga.es/tmp/
```

```
foo -> bar
```

**Summary of Quality Criteria verification:**

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
<b>TP</b>	0	0	0	0
<b>VLD</b>	17	0	0	17
	Specific Quality Criteria			
<b>TP</b>	0	0	0	0
<b>VLD</b>	6	0/2	0	8

**Not applicable Quality Criteria**

AUTHN\_DELEG\_1 (Delegation Interface) was marked as “TBD”

**Failed Quality Criteria**

AUTHN\_IFACE\_2 (SAML authentication)

This QC is optional and not implemented, so it does not impact the verification.

**Comments for SR:**

**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 QC definition:**

**Comments for QCV:**

**Comments for DMSU:**