

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

Name of the component	IGE-MyProxy		
Release	05/04/04	RT Ticket	#3045
Software Provider	IGE		
Release Contact	Name:	E-Mail	
	Mattias Ellert	mattias.ellert@fysast.uu.se	
Validator	Name:	E-Mail	
	Alvaro Simon	asimon@cesga.es	
V. Hours Worked	4		
Component status	Accepted	Date	25/11/11
Verification start date	25/11/11	Verification end date	25/11/11

Summary:

IGE-MyProxy was installed and configured without problems, nevertheless an open GGUS documentation ticket is still open and in assigned status since the last update. IGE documentation is only oriented to be installed by source not from a rpm repo like UMD.

GGUS Tickets:

https://ggus.eu/tech/ticket_show.php?ticket=73358

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	15	0/2		17
	Specific Quality Criteria			
TP				
VLD	9	0	0	9

Quality Criteria verification cheatsheet:

Criteria	Accepted (Y/N/NA)	Tested (TP/VLD)	Comments
Generic QC			
GENERIC_DOC_1 (Functional Description)	Y	VLD	http://globus.org.eu/toolkit/docs/5.0/5.0.4/security/myproxy/
GENERIC_DOC_2 (Release Notes)	Y	VLD	http://globus.org.eu/toolkit/docs/5.0/5.0.4/security/myproxy/
GENERIC_DOC_5 (API Documentation)	Y	VLD	http://globus.org.eu/toolkit/docs/5.0/5.0.4/security/myproxy/p
GENERIC_DOC_6 (Administrator Documentation)	N	VLD	Doc is available but not updated for UMD installation, GGUS t
GENERIC_DOC_7 (Service Provider Card)	Y	VLD	http://globus.org.eu/toolkit/docs/5.0/5.0.4/security/myproxy/
GENERIC_DOC_8 (Software License)	Y	VLD	Globus license http://globus.org.eu/toolkit/legal/
GENERIC_DOC_9 (Release changes testing)	Y	VLD	http://globus.org.eu/toolkit/docs/5.0/5.0.4/security/myproxy/
GENERIC_DIST_1 (Source Code Availability)	Y	VLD	http://globus.org.eu/toolkit/downloads/
GENERIC_DIST_2 (Source Distribution)	Y	VLD	http://globus.org.eu/toolkit/downloads/
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	http://globus.org.eu/toolkit/downloads/
GENERIC_SERVICE_1 (Service control and status)	Y	VLD	
GENERIC_SERVICE_2 (Log Files)	Y	VLD	
GENERIC_SERVICE_3 (Service Reliability)	Y	VLD	
GENERIC_SERVICE_4 (Service Robustness)	Y	VLD	
GENERIC_SERVICE_4 (Automatic Configuration)	N	VLD	globus rls does not have an automatic conf tool.
GENERIC_SEC_1 (World Writable Files)	Y	VLD	
GENERIC_SEC_2 (Directory Traversal Attacks testing)	Optional		
GENERIC_MISC_2 (Bug Tracking System)	Y	VLD	bugzilla
Security Capabilities QC			
AUTHN_IFACE_1 (X.509 Certificate support)	Y	VLD	
AUTHN_IFACE_2 (SAML authentication)	Optional		
AUTHZ_PCYDEF_3 (Ban UserFQAN)	Y	VLD	
AUTHZ_PCYDEF_4 (Allowed users definition)	Y	VLD	
AUTHZ_PEP_1 (Policy Enforcement)	Y	VLD	
CREDMGMT_IFACE_1 (Credential Storage)	Y	VLD	
CREDMGMT_IFACE_2 (Credential Retrieval)	Y	VLD	
CREDMGMT_IFACE_3 (Credential Renewal)	Y	VLD	
CREDMGMT_LINK_1 (Institutional Authentication Linking)	Y	VLD	
Operations Capabilities QC			
MON_PROBE_GENERIC_2 (Service Probe)	Y	VLD	

Verification Report:

= Installation =

```
# cat IGE.globus-myproxy.s15.x86_64.repo
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) - (3045,387,309)
```

```
[IGE.globus-myproxy.s15.x86_64]
name=IGE.globus-myproxy.s15.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/ige.globus-myproxy.s15.x86_64/5/4/4/
enabled=1
protect=1
priority=15
gpgcheck=1
gpgkey=http://repo-rpm.ige-project.eu/RPM-GPG-KEY-IGE
```

```
# cat epel.repo
[epel]
name=Extra Packages for Enterprise Linux 5 - $basearch
#baseurl=http://download.fedoraproject.org/pub/epel/5/$basearch
mirrorlist=http://mirrors.fedoraproject.org/mirrorlist?repo=epel-5&arch=$basearch
failovermethod=priority
enabled=1
gpgcheck=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-EPEL
```

```
[epel-debuginfo]
name=Extra Packages for Enterprise Linux 5 - $basearch - Debug
#baseurl=http://download.fedoraproject.org/pub/epel/5/$basearch/debug
mirrorlist=http://mirrors.fedoraproject.org/mirrorlist?repo=epel-debug-5&arch=$basearch
failovermethod=priority
enabled=0
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-EPEL
gpgcheck=1
```

```
[epel-source]
name=Extra Packages for Enterprise Linux 5 - $basearch - Source
#baseurl=http://download.fedoraproject.org/pub/epel/5/SRPMS
mirrorlist=http://mirrors.fedoraproject.org/mirrorlist?repo=epel-source-5&arch=$basearch
failovermethod=priority
enabled=0
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-EPEL
gpgcheck=1
```

* Install myproxy middleware:

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

```
{{{
```

```
=====
=====
```

Package	Repository	Arch
Version		
Size		

```
=====
=====
```

Installing:

ige-meta-globus-myproxy		noarch
1.0.2-1.el5	IGE.globus-myproxy.s15.x86_64	
2.0 k		

Installing for dependencies:

autoconf		noarch
2.59-12	sl-base	
648 k		
cvs		x86_64
1.11.22-7.el5	sl-base	
737 k		

e2fsprogs-devel	x86_64
1.39-23.e15	sl-base
633 k	
globus-callout	x86_64
0.7-8.e15	IGE.globus-myproxy.s15.x86_64
16 k	
globus-callout-devel	x86_64
0.7-8.e15	IGE.globus-myproxy.s15.x86_64
7.7 k	
globus-common	x86_64
11.6-5.e15	IGE.globus-myproxy.s15.x86_64
109 k	
globus-common-devel	x86_64
11.6-5.e15	IGE.globus-myproxy.s15.x86_64
64 k	
globus-common-progs	x86_64
11.6-5.e15	IGE.globus-myproxy.s15.x86_64
67 k	
globus-core	x86_64
5.17-3.e15	IGE.globus-myproxy.s15.x86_64
99 k	
globus-gsi-callback	x86_64
2.8-2.e15	IGE.globus-myproxy.s15.x86_64
38 k	
globus-gsi-callback-devel	x86_64
2.8-2.e15	IGE.globus-myproxy.s15.x86_64
8.9 k	
globus-gsi-cert-utils	x86_64
6.7-2.e15	IGE.globus-myproxy.s15.x86_64
18 k	
globus-gsi-cert-utils-devel	x86_64
6.7-2.e15	IGE.globus-myproxy.s15.x86_64
8.9 k	
globus-gsi-cert-utils-progs	x86_64
6.7-2.e15	IGE.globus-myproxy.s15.x86_64
26 k	
globus-gsi-credential	x86_64
3.5-3.e15	IGE.globus-myproxy.s15.x86_64
32 k	
globus-gsi-credential-devel	x86_64
3.5-3.e15	IGE.globus-myproxy.s15.x86_64
9.3 k	
globus-gsi-openssl-error	x86_64
0.14-8.e15	IGE.globus-myproxy.s15.x86_64
15 k	
globus-gsi-openssl-error-devel	x86_64
0.14-8.e15	IGE.globus-myproxy.s15.x86_64
7.0 k	
globus-gsi-proxy-core	x86_64
4.7-2.e15	IGE.globus-myproxy.s15.x86_64
33 k	
globus-gsi-proxy-core-devel	x86_64
4.7-2.e15	IGE.globus-myproxy.s15.x86_64
9.4 k	
globus-gsi-proxy-ssl	x86_64
2.3-3.e15	IGE.globus-myproxy.s15.x86_64
17 k	
globus-gsi-proxy-ssl-devel	x86_64
2.3-3.e15	IGE.globus-myproxy.s15.x86_64
8.4 k	
globus-gsi-sysconfig	x86_64
3.2-1.e15	IGE.globus-myproxy.s15.x86_64
28 k	
globus-gsi-sysconfig-devel	x86_64
3.2-1.e15	IGE.globus-myproxy.s15.x86_64
10 k	
globus-gss-assist	x86_64
5.10-1.e15	IGE.globus-myproxy.s15.x86_64
31 k	
globus-gss-assist-devel	x86_64
5.10-1.e15	IGE.globus-myproxy.s15.x86_64
9.4 k	

globus-gssapi-gsi	x86_64
7.8-1.e15	IGE.globus-myproxy.s15.x86_64
54 k	
globus-gssapi-gsi-devel	x86_64
7.8-1.e15	IGE.globus-myproxy.s15.x86_64
13 k	
globus-libtool	x86_64
1.2-4.e15	IGE.globus-myproxy.s15.x86_64
4.1 k	
globus-libtool-devel	x86_64
1.2-4.e15	IGE.globus-myproxy.s15.x86_64
4.2 k	
globus-openssl	x86_64
5.1-2.e15	IGE.globus-myproxy.s15.x86_64
4.4 k	
globus-openssl-devel	x86_64
5.1-2.e15	IGE.globus-myproxy.s15.x86_64
4.6 k	
globus-openssl-module	x86_64
1.3-3.e15	IGE.globus-myproxy.s15.x86_64
13 k	
globus-openssl-module-devel	x86_64
1.3-3.e15	IGE.globus-myproxy.s15.x86_64
6.9 k	
globus-openssl-progs	x86_64
5.1-2.e15	IGE.globus-myproxy.s15.x86_64
4.2 k	
globus-proxy-utils	x86_64
3.10-1.e15	IGE.globus-myproxy.s15.x86_64
45 k	
globus-usage	x86_64
1.4-2.e15	IGE.globus-myproxy.s15.x86_64
15 k	
globus-usage-devel	x86_64
1.4-2.e15	IGE.globus-myproxy.s15.x86_64
6.0 k	
globus-xio	x86_64
2.8-4.e15	IGE.globus-myproxy.s15.x86_64
123 k	
globus-xio-devel	x86_64
2.8-4.e15	IGE.globus-myproxy.s15.x86_64
48 k	
imake	x86_64
1.0.2-3	sl-base
318 k	
keyutils-libs-devel	x86_64
1.2-1.e15	sl-base
27 k	
krb5-devel	x86_64
1.6.1-55.e15_6.1	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	
libtool-ltdl-devel	x86_64
1.5.22-7.e15_4	sl-base
32 k	
myproxy	x86_64
5.4-4.1.e15	IGE.globus-myproxy.s15.x86_64
85 k	
myproxy-admin	x86_64
5.4-4.1.e15	IGE.globus-myproxy.s15.x86_64
55 k	
myproxy-devel	x86_64
5.4-4.1.e15	IGE.globus-myproxy.s15.x86_64
18 k	

```

myproxy-doc                                x86_64
5.4-4.1.e15                                IGE.globus-myproxy.s15.x86_64
50 k
myproxy-libs                                x86_64
5.4-4.1.e15                                IGE.globus-myproxy.s15.x86_64
120 k
myproxy-server                              x86_64
5.4-4.1.e15                                IGE.globus-myproxy.s15.x86_64
52 k
openssl-devel                              x86_64
0.9.8e-12.el5_5.7                          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-DOM                                noarch
1.44-2.el5                                    epel
138 k
perl-XML-Parser                             x86_64
2.34-6.1.2.2.1                              sl-base
209 k
perl-XML-RegExp                             noarch
0.03-2.el5                                    epel
8.2 k
perl-libwww-perl                            noarch
5.805-1.1.1                                  sl-base
375 k
pkgconfig                                    x86_64
1:0.21-2.el5                                sl-base
61 k
voms                                         x86_64
2.0.2-1.s15                                  UMD-1-base
165 k
voms-clients                                x86_64
2.0.0-1.s15                                  UMD-1-base
178 k
zlib-devel                                   x86_64
1.2.3-3                                       sl-base
102 k

```

Transaction Summary

```

=====
=====
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```

```

Install      67 Package(s)
Upgrade      0 Package(s)
}}}

```

= Configuring the MyProxy Server =

* Enable all myproxy-server features (/etc/myproxy-server.config):

```

{{{
accepted_credentials      "*"
authorized_retrievers     "*"
default_retrievers       "*"
authorized_renewers       "*"
default_renewers         "none"
authorized_key_retrievers "*"
default_key_retrievers   "none"
trusted_retrievers       "*"
default_trusted_retrievers "none"
cert_dir /etc/grid-security/certificates
}}}
```

= Manually Verifying the MyProxy Server installation =

```
[root@test26 grid-security]# /usr/sbin/myproxy-server -d
myproxy-server v5.4 22 Apr 2011 PAM SASL KRB5 LDAP VOMS OCSP starting at Fri Nov 25 14:01:49 2011
reading configuration file /etc/myproxy-server.config
allow_voms_attribute_requests is not set.
VOMS attribute requests will be ignored.
WARNING: cert_dir not specified in config file. No trustroots can be returned to clients!
Processing usage_stats_target (statistics.ige-project.eu:4810)
USAGE-STATS: Initialized (statistics.ige-project.eu:4810) (VvtrlLB)
using storage directory /var/myproxy
Starting myproxy-server on localhost:7512...
```

```
#export MYPROXY_SERVER=test26.egi.cesga.es
```

```
# /etc/init.d/myproxy-server start
```

From the UI

```
[asimon@ui ~]$ export MYPROXY_SERVER=test26.egi.cesga.es
[asimon@ui ~]$ myproxy-init -s test26.egi.cesga.es
Your identity: /DC=es/DC=irisgrid/O=cesga/CN=alvarosimon
Enter GRID pass phrase for this identity:
Creating proxy ..... Done
Proxy Verify OK
Your proxy is valid until: Fri Dec 2 14:12:46 2011
Enter MyProxy pass phrase:
Verifying - Enter MyProxy pass phrase:
A proxy valid for 168 hours (7.0 days) for user asimon now exists on test26.egi.cesga.es.
```

```
[asimon@ui ~]$ myproxy-init -c 0 -s test26.egi.cesga.es
Your identity: /DC=es/DC=irisgrid/O=cesga/CN=alvarosimon
Enter GRID pass phrase for this identity:
Creating proxy ..... Done
Proxy Verify OK
Your proxy is valid until: Thu Jan 5 07:40:32 2012
Enter MyProxy pass phrase:
Verifying - Enter MyProxy pass phrase:
A proxy valid for 977 hours (40.7 days) for user asimon now exists on test26.egi.cesga.es.
```

```
[asimon@ui ~]$ myproxy-logon -s test26.egi.cesga.es
Enter MyProxy pass phrase:
A credential has been received for user asimon in /tmp/x509up_u522.
```

```
[asimon@ui ~]$ myproxy-info -s test26.egi.cesga.es
username: asimon
owner: /DC=es/DC=irisgrid/O=cesga/CN=alvarosimon
timeleft: 977:25:29 (40.7 days)
```

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: