

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

Name of the component	IGE.globus-myproxy.sl5.x86_64-5.5.2		
Release		RT Ticket	https://rt.egi.eu/rt/Ticket/Display.html?id=3379
Software Provider	Initiative for Globus in Europe		
Release Contact	Name: Mattias Ellert	E-Mail: mattias.ellert@fysast.uu.se	
Validator	Name: Esteban Freire García	E-Mail: esfreire@cesga.es	
V. Hours Worked	6		
Component status	Accepted	Date: 28/02/2012	
Verification start date	28/02/2012	Verification end date	06/03/12

Summary:

IGE.globus-myproxy was installed from UMD without any relevant issue.

It was verified the ggus ticket, https://ggus.eu/ws/ticket_info.php?ticket=73358

They put the following file:

```

{{{
[esfreire@test26 ~]$ cat /usr/share/doc/myproxy-server-5.5/README.Fedora

```

You must install host certificates for myproxy-server.

These should be located at

```

/etc/grid-security/myproxy/hostcert.pem , permissions 644
/etc/grid-security/myproxy/hostkey.pem , permission 600

```

```

and owned by user/group myproxy/myproxy.
}}}

```

I think this is not enough, and I think the documentation is more focused in when the globus-myproxy meta-package is installed from source and then it is compiled/installed with the different options. This will be mentioned in “**Comments for SR**” section.

GGUS Tickets:

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	11	1		12
	Specific Quality Criteria			
TP				
VLD	6			6

Quality Criteria verification cheatsheet:

Criteria	Accept	Test	Comments
Generic QC			
GENERIC_DOC_1 (Functional Description)	Y	VLD	http://globus.org.eu/toolkit/docs/5.2/5.2.0/myproxy/admin/
GENERIC_DOC_2 (Release Notes)	Y	VLD	http://globus.org.eu/toolkit/docs/5.2/5.2.0/myproxy/mi/#myproxyRN
GENERIC_DOC_5 (API Documentation)	Y	VLD	http://globus.org.eu/toolkit/docs/5.2/5.2.0/myproxy/pi/#myproxyPI
GENERIC_DOC_6 (Administrator Documentation)	N	VLD	The documentation is available at http://globus.org.eu/toolkit/docs/5.2/5.2.0/myproxy/admin/ but it is more oriented to source code installation. It's not completely adapted for UMD Package installation.
GENERIC_DOC_7 (Service Reference Card)			
GENERIC_DOC_8 (Software License)	Y	VLD	Globus, Globus Alliance, and Globus Toolkit
GENERIC_DOC_9 (Release changes testing)			
GENERIC_DIST_1 (Source Code Availability)	Y	VLD	http://www.globus.org/toolkit/downloads/
GENERIC_DIST_2 (Source Distribution)	Y	VLD	http://www.globus.org/toolkit/downloads/
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	http://www.globus.org/toolkit/downloads/
GENERIC_SERVICE_1 (Service control and status)	Y	VLD	Read Ex Summary
GENERIC_SERVICE_2 (Log Files)	Y	VLD	
GENERIC_SERVICE_3 (Service Reliability)	Y	VLD	
GENERIC_SERVICE_4 (Service Robustness)			
GENERIC_SERVICE_4 (Automatic Configuration)			
GENERIC_SEC_1 (World Writable Files)			
GENERIC_SEC_2 (Directory Traversal Attacks testing)	Optional		
GENERIC_MISC_2 (Bug Tracking System)	Y	VLD	https://bugzilla.mcs.anl.gov/globus/
Security Capabilities QC			
AUTHN_IFACE_1 (X.509 Certificate support)	Y	VLD	Read Ex Summary
AUTHN_IFACE_2 (SAML authentication)	Optional		
AUTHZ_PCYDEF_3 (Ban UserFQAN)	Y	VLD	http://grid.ncsa.illinois.edu/myproxy/blacklist.html
AUTHZ_PCYDEF_4 (Allowed users definition)	Y	VLD	http://grid.ncsa.illinois.edu/myproxy/blacklist.html
AUTHZ_PEP_1 (Policy Enforcement)			
CREDMGMT_IFACE_1 (Credential Storage)	Y	VLD	Read Ex Summary
CREDMGMT_IFACE_2 (Credential Retrieval)	Y	VLD	Read Ex Summary
CREDMGMT_IFACE_3 (Credential Renewal)	Y	VLD	Read Ex Summary
CREDMGMT_LINK_1 (Institutional Authentication Linking)			
Operations Capabilities QC			
MON_PROBE_GENERIC_2 (Service Probe)			

RELEASE: GE.globus-myproxy.s15.x86_64-5.5.2

VALIDATOR:

Esteban Freire García

RT TICKET:

<https://rt.egi.eu/rt/Ticket/Display.html?id=3379>

Validator comments:

IGE.globus-myproxy was updated and then installed from scratch without any relevant issue

=== Repositories ===

(!) Verifier must install a new repo for each product, this information is available at RT ticket field:

```
{
{
{
[root@test26 yum.repos.d]# cat IGE.globus-myproxy.sl5.x86_64.repo
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -
(3379,418,341)
```

```
[IGE.globus-myproxy.sl5.x86_64]
name=IGE.globus-myproxy.sl5.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/ige.globus-myproxy.sl5.x86_64/5/5/2/
enabled=1
protect=1
pgpcheck=1
priority=15
pgpkey=http://repo-rpm.ige-project.eu/RPM-GPG-KEY-IGE
}}
```

=== Updating the previous version ===

===== yum update (OK) =====

* Packages installed

```
{
{
{
Feb 28 16:09:57 Installed: globus-common-14.5-4.el5.x86_64
Feb 28 16:09:59 Updated: globus-core-8.5-2.el5.x86_64
Feb 28 16:10:01 Updated: globus-gsi-openssl-error-2.1-2.el5.x86_64
Feb 28 16:10:03 Updated: globus-gsi-sysconfig-5.1-2.el5.x86_64
Feb 28 16:10:04 Updated: globus-gsi-proxy-ssl-4.1-2.el5.x86_64
Feb 28 16:10:08 Updated: globus-openssl-module-3.1-2.el5.x86_64
Feb 28 16:10:10 Updated: globus-gsi-cert-utils-8.1-2.el5.x86_64
Feb 28 16:10:12 Updated: globus-gsi-callback-4.1-2.el5.x86_64
Feb 28 16:10:13 Updated: globus-gsi-credential-5.1-2.el5.x86_64
Feb 28 16:10:15 Updated: globus-gsi-proxy-core-6.1-2.el5.x86_64
Feb 28 16:10:17 Updated: globus-gssapi-gsi-10.2-2.el5.x86_64
Feb 28 16:10:19 Updated: globus-callout-2.1-2.el5.x86_64
Feb 28 16:10:21 Updated: globus-gss-assist-8.1-2.el5.x86_64
Feb 28 16:10:23 Updated: myproxy-libs-5.5-2.1.el5.x86_64
Feb 28 16:10:24 Updated: globus-xio-3.2-2.el5.x86_64
Feb 28 16:10:29 Updated: globus-usage-3.1-2.el5.x86_64
Feb 28 16:10:31 Updated: globus-proxy-utils-5.0-2.el5.x86_64
Feb 28 16:10:33 Updated: myproxy-5.5-2.1.el5.x86_64
Feb 28 16:10:34 Updated: myproxy-server-5.5-2.1.el5.x86_64
Feb 28 16:10:35 Installed: globus-common-progs-14.5-4.el5.x86_64
```

```

Feb 28 16:10:37 Installed: globus-common-devel-14.5-4.el5.x86_64
Feb 28 16:10:38 Updated: globus-gsi-openssl-error-devel-2.1-2.el5.x86_64
Feb 28 16:10:39 Updated: globus-gsi-proxy-ssl-devel-4.1-2.el5.x86_64
Feb 28 16:10:40 Updated: globus-openssl-module-devel-3.1-2.el5.x86_64
Feb 28 16:10:40 Updated: globus-gsi-cert-utils-devel-8.1-2.el5.x86_64
Feb 28 16:10:41 Updated: globus-gsi-sysconfig-devel-5.1-2.el5.x86_64
Feb 28 16:10:42 Updated: globus-gsi-callback-devel-4.1-2.el5.x86_64
Feb 28 16:10:44 Updated: globus-gsi-credential-devel-5.1-2.el5.x86_64
Feb 28 16:10:45 Updated: globus-gsi-cert-utils-progs-8.1-2.el5.x86_64
Feb 28 16:10:46 Updated: myproxy-admin-5.5-2.1.el5.x86_64
Feb 28 16:10:48 Updated: globus-gsi-proxy-core-devel-6.1-2.el5.x86_64
Feb 28 16:10:49 Updated: globus-gssapi-gsi-devel-10.2-2.el5.x86_64
Feb 28 16:10:50 Updated: globus-xio-devel-3.2-2.el5.x86_64
Feb 28 16:10:51 Updated: globus-usage-devel-3.1-2.el5.x86_64
Feb 28 16:10:52 Updated: globus-callout-devel-2.1-2.el5.x86_64
Feb 28 16:10:52 Updated: globus-gss-assist-devel-8.1-2.el5.x86_64
Feb 28 16:10:53 Updated: myproxy-devel-5.5-2.1.el5.x86_64
Feb 28 16:10:54 Updated: myproxy-doc-5.5-2.1.el5.x86_64
Feb 28 16:10:55 Updated: ige-meta-globus-myproxy-2.0-2.el5.noarch
Feb 28 16:18:12 Installed: kernel-2.6.18-274.18.1.el5.x86_64
Feb 28 16:18:28 Erased: globus-libtool-devel
Feb 28 16:18:29 Erased: globus-openssl-devel
Feb 28 16:18:31 Erased: globus-openssl-progs
Feb 28 16:19:05 Erased: globus-libtool
Feb 28 16:19:05 Erased: globus-openssl
}}}}

```

* Make sure to place the two files in the target node into the /etc/grid-security directory. Then set the proper mode and ownerships doing:

```

{{{
=== Repositories ===

```

(!) Verifier must install a new repo for each product, this information is available at RT ticket field:

```

{{{
[root@test26 yum.repos.d]# cat IGE.globus-myproxy.sl5.x86_64.repo
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -
(3379,418,341)

```

```

[IGE.globus-myproxy.sl5.x86_64]
name=IGE.globus-myproxy.sl5.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/ige.globus-myproxy.sl5.x86_64/5/5/2/
enabled=1
protect=1
pgpcheck=1
priority=15
pgpkey=http://repo-rpm.ige-project.eu/RPM-GPG-KEY-IGE
}}}}

```

```
chown myproxy.myproxy /etc/grid-security/hostcert.pem
chown myproxy.myproxy /etc/grid-security/hostkey.pem
chmod 600 /etc/grid-security/hostcert.pem
chmod 400 /etc/grid-security/hostkey.pem
}}}
```

==== Configuring the MyProxy Server Installation ====

* To enable all myproxy-server features, uncomment to provided sample policy at the top of the myproxy-server.config config file, as follows:

```
{{{
```

```
vi /etc/myproxy-server.config
[ ... ]
```

```
#
# Complete Sample Policy
#
# The following lines define a sample policy that enables all
# myproxy-server features. See below for more examples.
accepted_credentials "*"==== Repositories ====
```

(!) Verifier must install a new repo for each product, this information is available at RT ticket field:

```
{{{
```

```
[root@test26 yum.repos.d]# cat IGE.globus-myproxy.sl5.x86_64.repo
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -
(3379,418,341)
```

```
[IGE.globus-myproxy.sl5.x86_64]
name=IGE.globus-myproxy.sl5.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/ige.globus-myproxy.sl5.x86_64/5/5/2/
enabled=1
protect=1
gpgcheck=1
priority=15
gpgkey=http://repo-rpm.ige-project.eu/RPM-GPG-KEY-IGE
}}}
```

```
authorized_retrievers "*"
default_retrievers "*"
authorized_renewers "*"
default_renewers "none"
authorized_key_retrievers "*"
default_key_retrievers "none"
trusted_retrievers "*"
default_trusted_retrievers "none"
```

```
}}}
```

==== Manually Verifying the MyProxy Server installation ====

* Run `$GLOBUS_LOCATION/sbin/myproxy-server -d`. The `-d` argument runs the `myproxy-server` in debug mode. It will write debugging messages to the terminal and exit after servicing a single request. You'll need to start it once for each test request,

```
{}}
```

```
[root@test20 /]# /usr/sbin/myproxy-server -d
myproxy-server v5.3 17 Jan 2011 PAM SASL KRB5 LDAP VOMS OCSP starting at
Tue Aug 9 13:08:32 2011
```

```
reading configuration file /etc/myproxy-server.config
```

```
allow_voms_attribute_requests is not set.
```

```
VOMS attribute requests will be ignored.
```

```
Processing usage_stats_target (statistics.ige-project.eu:4810)
```

```
USAGE-STATS: Initialized (statistics.ige-project.eu:4810) (VvtrILB)
```

```
using storage directory /var/myproxy
```

```
Starting myproxy-server on localhost:7512..
```

```
}}}
```

==== Running the MyProxy Server as a System Service ====

```
{}}
```

* You may want to set the `MYPROXY_SERVER` environment variable to the hostname of your `myproxy-server` in the default user environment on your systems.

```
{}}
```

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

```
[root@test20 ~]# env | grep -i MYPROXY_SERVER
```

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

```
}}}
```

==== Deploying ====

* You'll need to modify the paths in the file according to your installation.

```
{}}
```

```
[root@test26 /]# cat /etc/init.d/myproxy-server
```

```
[ ... ]
```

```
# Defaults
```

```
MYPROXY_USER=myproxy
```

```
MYPROXY_OPTIONS="-s /var/lib/myproxy"
```

```
##X509_USER_CERT=/etc/grid-security/myproxy/hostcert.pem
```

```
##X509_USER_KEY=/etc/grid-security/myproxy/hostkey.pem
```

```
X509_USER_CERT=/etc/grid-security/hostcert.pem
```

```
X509_USER_KEY=/etc/grid-security/hostkey.pem
```

```
}}}
```

* Starting the myproxy server

```
{{{
[root@test26 yum.repos.d]# /etc/init.d/myproxy-server start
Starting myproxy-server: [ OK ]
[root@test26 yum.repos.d]# /etc/init.d/myproxy-server status
myproxy-server (pid 29145) is running...
```

```
}}}
```

==== TESTING ====

===== Testing from the myproxy server =====

* Environment

```
{{{
[esfreire@test26 ~]$ env
HOSTNAME=test26.egi.cesga.es
SHELL=/bin/bash
TERM=xterm
HISTSIZE=1000
USER=esfreire
LS_COLORS=no=00:fi=00:di=00;34:ln=00;36:pi=40;33:so=00;35:bd=40;33:01:cd=40;
33:01:or=01;05;37;41:mi=01;05;37;41:ex=00;32:*.cmd=00;32:*.exe=00;32:*.com=00;
32:*.btm=00;32:*.bat=00;32:*.sh=00;32:*.csh=00;32:*.tar=00;31:*.tgz=00;31:*.arj=00;
31:*.taz=00;31:*.lzh=00;31:*.zip=00;31:*.z=00;31:*.Z=00;31:*.gz=00;31:*.bz2=00;31:
*.bz=00;31:*.tz=00;31:*.rpm=00;31:*.cpio=00;31:*.jpg=00;35:*.gif=00;35:*.bmp=00;
35:*.xpm=00;35:*.xpm=00;35:*.png=00;35:*.tif=00;35:
MAIL=/var/spool/mail/esfreire
PATH=/usr/kerberos/bin:/usr/local/bin:/bin:/usr/bin:/home/esfreire/bin
INPUTRC=/etc/inputrc
PWD=/home/esfreire
LANG=en_US.UTF-8
MYPROXY_SERVER=test26.egi.cesga.es
SHLVL=1
HOME=/home/esfreire
LOGNAME=esfreire
CVS_RSH=ssh
LESSOPEN=|/usr/bin/lesspipe.sh %s
G_BROKEN_FILENAMES=1
_=/bin/env
}}}
```

* Managing Credentials

```
{{{
[esfreire@test26 ~]$ myproxy-init -s test26.egi.cesga.es
Your identity: /DC=es/DC=irisgrid/O=cesga/CN=javier-lopez
Enter GRID pass phrase for this identity:
Creating proxy ..... Done
Proxy Verify OK
Your proxy is valid until: Tue Mar 13 16:48:42 2012
```



```
Enter MyProxy pass phrase:
Verifying - Enter MyProxy pass phrase:
A proxy valid for 168 hours (7.0 days) for user esfreire now exists on
test26.egi.cesga.es.
}}}
```

* Setting the lifetime

```
{{{
[esfreire@test26 ~]$ myproxy-init -c 0 -s test26.egi.cesga.es
Your identity: /DC=es/DC=irisgrid/O=cesga/CN=javier-lopez
Enter GRID pass phrase for this identity:
Creating proxy ..... Done
Proxy Verify OK
Your proxy is valid until: Wed Jan 23 14:57:34 2013
Enter MyProxy pass phrase:
Verifying - Enter MyProxy pass phrase:
A proxy valid for 7750 hours (322.9 days) for user esfreire now exists on
test26.egi.cesga.es.
}}}
```

* Once you've stored a credential in the MyProxy repository, you can retrieve a proxy credential whenever you need one with the myproxy-logon command

```
{{{
[esfreire@test26 ~]$ myproxy-logon -s test26.egi.cesga.es
Enter MyProxy pass phrase:
A credential has been received for user esfreire in /tmp/x509up_u500
}}}
```

* Renewing Credentials

```
{{{
[esfreire@test26 ~]$ myproxy-init -A -k renewable -s test26.egi.cesga.es
Your identity: /DC=es/DC=irisgrid/O=cesga/CN=javier-lopez
Enter GRID pass phrase for this identity:
Creating proxy ..... Done
Proxy Verify OK
Your proxy is valid until: Tue Mar 13 16:52:14 2012
A proxy valid for 168 hours (7.0 days) for user esfreire now exists on
test26.egi.cesga.es.
}}}
```

==== Testing from one of CESGA UI ====

* Managing Credentials

```
{{{
[esfreire@test13 ~]$ myproxy-init -s test26.egi.cesga.es
Your identity: /DC=es/DC=irisgrid/O=cesga/CN=javier-lopez
Enter GRID pass phrase for this identity:
Creating proxy ..... Done
```

```
Proxy Verify OK
Your proxy is valid until: Tue Mar 13 16:53:45 2012
Enter MyProxy pass phrase:
Verifying - Enter MyProxy pass phrase:
A proxy valid for 168 hours (7.0 days) for user esfreire now exists on
test26.egi.cesga.es.
}}}
```

* Setting the lifetime

```
{
[esfreire@test13 ~]$ myproxy-init -c 0 -s test26.egi.cesga.es
Your identity: /DC=es/DC=irisgrid/O=cesga/CN=javier-lopez
Enter GRID pass phrase for this identity:
Creating proxy ..... Done
Proxy Verify OK
Your proxy is valid until: Wed Mar 7 16:23:50 2012
Enter MyProxy pass phrase:
Verifying - Enter MyProxy pass phrase:
A proxy valid for 7750 hours (322.9 days) for user esfreire now exists on
test26.egi.cesga.es.
}}
```

* Once you've stored a credential in the MyProxy repository, you can retrieve a proxy credential whenever you need one with the myproxy-logon command

```
{
[esfreire@test13 ~]$ myproxy-logon -s test20.egi.cesga.es
Enter MyProxy pass phrase:
A credential has been received for user esfreire in /tmp/x509up_u505.
}}
```

* Renewing Credentials

```
{
[esfreire@test13 ~]$ myproxy-init -A -k renewable -s test20.egi.cesga.es
Your identity: /DC=es/DC=irisgrid/O=cesga/CN=esteban.freire
Enter GRID pass phrase for this identity:
Creating
proxy ..... Done
Proxy Verify OK
Your proxy is valid until: Wed Mar 7 16:23:50 2012
A proxy valid for 168 hours (7.0 days) for user esfreire now exists on
test20.egi.cesga.es.
```

```
}}
```

```
{
[esfreire@test13 ~]$ myproxy-logon -s test26.egi.cesga.es
Enter MyProxy pass phrase:
A credential has been received for user esfreire in /tmp/x509up_u505.
}}
```

==== Installing it from scratch ====

==== Repositories ====

* Installing the UMD repositories according to the link,
http://repository.egi.eu/category/umd_releases/distribution/umd_1/

(!) Verifier must install a new repo for each product, this information is available at RT ticket field:

```
{}  
[root@test26 yum.repos.d]# cat IGE.globus-myproxy.sl5.x86_64.repo  
# EGI Software Repository - REPO META (releaseId,repositoryId,repofileId) -  
(3379,418,341)
```

```
[IGE.globus-myproxy.sl5.x86_64]  
name=IGE.globus-myproxy.sl5.x86_64  
baseurl=http://admin-repo.egi.eu/sw/unverified/ige.globus-myproxy.sl5.x86_64/5/5/2/  
enabled=1  
protect=1  
gpgcheck=1  
priority=15  
gpgkey=http://repo-rpm.ige-project.eu/RPM-GPG-KEY-IGE  
}}
```

==== yum install ige-meta-globus-myproxy ====

* Packages installed

```
{}  
Mar 06 16:30:40 Installed: voms-2.0.2-1.sl5.x86_64  
Mar 06 16:30:41 Installed: libtool-ltdl-1.5.22-7.el5_4.x86_64  
Mar 06 16:30:42 Installed: globus-common-14.5-4.el5.x86_64  
Mar 06 16:30:43 Installed: globus-gsi-openssl-error-2.1-2.el5.x86_64  
Mar 06 16:30:43 Installed: globus-gsi-sysconfig-5.1-2.el5.x86_64  
Mar 06 16:30:44 Installed: globus-gsi-proxy-ssl-4.1-2.el5.x86_64  
Mar 06 16:30:45 Installed: globus-openssl-module-3.1-2.el5.x86_64  
Mar 06 16:30:46 Installed: globus-gsi-cert-utils-8.1-2.el5.x86_64  
Mar 06 16:30:46 Installed: globus-gsi-callback-4.1-2.el5.x86_64  
Mar 06 16:30:47 Installed: globus-gsi-credential-5.1-2.el5.x86_64  
Mar 06 16:30:48 Installed: globus-gsi-proxy-core-6.1-2.el5.x86_64  
Mar 06 16:30:49 Installed: globus-gssapi-gsi-10.2-2.el5.x86_64  
Mar 06 16:30:49 Installed: globus-xio-3.2-2.el5.x86_64  
Mar 06 16:30:50 Installed: globus-usage-3.1-2.el5.x86_64  
Mar 06 16:30:51 Installed: globus-common-progs-14.5-4.el5.x86_64  
Mar 06 16:30:53 Installed: globus-callout-2.1-2.el5.x86_64  
Mar 06 16:30:54 Installed: globus-gss-assist-8.1-2.el5.x86_64  
Mar 06 16:30:55 Installed: myproxy-libs-5.5-2.1.el5.x86_64  
Mar 06 16:30:56 Installed: myproxy-server-5.5-2.1.el5.x86_64
```

```
Mar 06 16:30:57 Installed: globus-proxy-utils-5.0-2.el5.x86_64
Mar 06 16:30:57 Installed: voms-clients-2.0.0-1.sl5.x86_64
Mar 06 16:30:58 Installed: myproxy-5.5-2.1.el5.x86_64
Mar 06 16:30:59 Installed: 1:pkgconfig-0.21-2.el5.x86_64
Mar 06 16:31:00 Installed: perl-Compress-Zlib-1.42-1.fc6.x86_64
Mar 06 16:31:00 Installed: globus-gsi-cert-utils-progs-8.1-2.el5.x86_64
Mar 06 16:31:03 Installed: perl-URI-1.35-3.noarch
Mar 06 16:31:03 Installed: myproxy-admin-5.5-2.1.el5.x86_64
Mar 06 16:31:04 Installed: myproxy-doc-5.5-2.1.el5.x86_64
Mar 06 16:31:05 Installed: e2fsprogs-devel-1.39-23.el5.x86_64
Mar 06 16:31:08 Installed: libsepol-devel-1.15.2-3.el5.x86_64
Mar 06 16:31:09 Installed: libselinux-devel-1.33.4-5.7.el5.x86_64
Mar 06 16:31:10 Installed: perl-HTML-Tagset-3.10-2.1.1.noarch
Mar 06 16:31:12 Installed: perl-HTML-Parser-3.55-1.fc6.x86_64
Mar 06 16:31:15 Installed: perl-libwww-perl-5.805-1.1.1.noarch
Mar 06 16:31:16 Installed: perl-XML-Parser-2.34-6.1.2.2.1.x86_64
Mar 06 16:31:17 Installed: globus-core-8.5-2.el5.x86_64
Mar 06 16:31:19 Installed: globus-common-devel-14.5-4.el5.x86_64
Mar 06 16:31:20 Installed: globus-xio-devel-3.2-2.el5.x86_64
Mar 06 16:31:21 Installed: globus-usage-devel-3.1-2.el5.x86_64
Mar 06 16:31:21 Installed: globus-callout-devel-2.1-2.el5.x86_64
Mar 06 16:31:22 Installed: keyutils-libs-devel-1.2-1.el5.x86_64
Mar 06 16:31:25 Installed: krb5-devel-1.6.1-63.el5_7.x86_64
Mar 06 16:31:26 Installed: zlib-devel-1.2.3-3.x86_64
Mar 06 16:31:30 Installed: openssl-devel-0.9.8e-20.el5_7.1.x86_64
Mar 06 16:31:31 Installed: globus-gsi-openssl-error-devel-2.1-2.el5.x86_64
Mar 06 16:31:31 Installed: globus-gsi-proxy-ssl-devel-4.1-2.el5.x86_64
Mar 06 16:31:32 Installed: globus-openssl-module-devel-3.1-2.el5.x86_64
Mar 06 16:31:32 Installed: globus-gsi-cert-utils-devel-8.1-2.el5.x86_64
Mar 06 16:31:33 Installed: globus-gsi-sysconfig-devel-5.1-2.el5.x86_64
Mar 06 16:31:34 Installed: globus-gsi-callback-devel-4.1-2.el5.x86_64
Mar 06 16:31:34 Installed: globus-gsi-credential-devel-5.1-2.el5.x86_64
Mar 06 16:31:35 Installed: globus-gsi-proxy-core-devel-6.1-2.el5.x86_64
Mar 06 16:31:35 Installed: globus-gssapi-gsi-devel-10.2-2.el5.x86_64
Mar 06 16:31:36 Installed: globus-gss-assist-devel-8.1-2.el5.x86_64
Mar 06 16:31:37 Installed: myproxy-devel-5.5-2.1.el5.x86_64
Mar 06 16:31:37 Installed: ige-meta-globus-myproxy-2.0-2.el5.noarch
}}}
```

* Make sure to place the two files in the target node into the /etc/grid-security directory. Then set the proper mode and ownerships doing:

```
{{{
```

```
chown myproxy.myproxy /etc/grid-security/hostcert.pem
```

```
chown myproxy.myproxy /etc/grid-security/hostkey.pem
```

```
chmod 600 /etc/grid-security/hostcert.pem
```

```
chmod 400 /etc/grid-security/hostkey.pem
}}}
```

==== Configuring the MyProxy Server Installation ====

* To enable all myproxy-server features, uncomment to provided sample policy at the top of the myproxy-server.config config file, as follows:

```
{
{
{
vi /etc/myproxy-server.config
[ ... ]

#
# Complete Sample Policy
#
# The following lines define a sample policy that enables all
# myproxy-server features. See below for more examples.
accepted_credentials "*"
authorized_retrievers "*"
default_retrievers "*"
authorized_renewers "*"
default_renewers "none"
authorized_key_retrievers "*"
default_key_retrievers "none"
trusted_retrievers "*"
default_trusted_retrievers "none"

}}}
```

==== Manually Verifying the MyProxy Server installation ====

* Run `$GLOBUS_LOCATION/sbin/myproxy-server -d`. The `-d` argument runs the myproxy-server in debug mode. It will write debugging messages to the terminal and exit after servicing a single request. You'll need to start it once for each test request,

```
{
{
{
[root@test20 /]# /usr/sbin/myproxy-server -d
myproxy-server v5.3 17 Jan 2011 PAM SASL KRB5 LDAP VOMS OCSP starting at
Tue Aug 9 13:08:32 2011
reading configuration file /etc/myproxy-server.config
allow_voms_attribute_requests is not set.
VOMS attribute requests will be ignored.
Processing usage_stats_target (statistics.ige-project.eu:4810)
USAGE-STATS: Initialized (statistics.ige-project.eu:4810) (VvtrILB)
using storage directory /var/myproxy
Starting myproxy-server on localhost:7512..
}}}
```

==== Running the MyProxy Server as a System Service ====

```
{
{
{
```

* You may want to set the MYPROXY_SERVER environment variable to the hostname of your myproxy-server in the default user environment on your systems.

```
{{{
```

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

```
[root@test20 ~]# env | grep -i MYPROXY_SERVER
MYPROXY_SERVER=test26.egi.cesga.es
}}}
```

==== Deploying ====

* You'll need to modify the paths in the file according to your installation.

```
{{{
```

```
[root@test26 /]# cat /etc/init.d/myproxy-server
[ ... ]
```

```
# Defaults
```

```
MYPROXY_USER=myproxy
MYPROXY_OPTIONS="-s /var/lib/myproxy"
##X509_USER_CERT=/etc/grid-security/myproxy/hostcert.pem
##X509_USER_KEY=/etc/grid-security/myproxy/hostkey.pem
```

```
X509_USER_CERT=/etc/grid-security/hostcert.pem
X509_USER_KEY=/etc/grid-security/hostkey.pem
```

```
}}}
```

=== TESTING ===

==== Testing from the myproxy server ====

* Environment

```
{{{
```

```
[esfreire@test20 ~]$ env
HOSTNAME=test20.egi.cesga.es
SHELL=/bin/bash
TERM=xterm
HISTSIZE=1000
USER=esfreire
LS_COLORS=no=00:fi=00:di=00;34:ln=00;36:pi=40;33:so=00;35:bd=40;33;01:cd=40;
33;01:or=01;05;37;41:mi=01;05;37;41:ex=00;32:*.cmd=00;32:*.exe=00;32:*.com=00;
32:*.btm=00;32:*.bat=00;32:*.sh=00;32:*.csh=00;32:*.tar=00;31:*.tgz=00;31:*.arj=00;
31:*.taz=00;31:*.lzh=00;31:*.zip=00;31:*.z=00;31:*.Z=00;31:*.gz=00;31:*.bz2=00;31:
*.bz=00;31:*.tz=00;31:*.rpm=00;31:*.cpio=00;31:*.jpg=00;35:*.gif=00;35:*.bmp=00;
35:*.xbm=00;35:*.xpm=00;35:*.png=00;35:*.tif=00;35:
MAIL=/var/spool/mail/esfreire
PATH=/usr/kerberos/bin:/usr/local/bin:/bin:/usr/bin:/home/esfreire/bin
INPUTRC=/etc/inputrc
PWD=/home/esfreire
LANG=en_US.UTF-8
```

```
MYPROXY_SERVER=test20.egi.cesga.es
SHLVL=1
HOME=/home/esfreire
LOGNAME=esfreire
CVS_RSH=ssh
LESSOPEN=|/usr/bin/lesspipe.sh %s
G_BROKEN_FILENAMES=1
_=/bin/env
}}}
```

* Managing Credentials

```
{
[esfreire@test26 ~]$ myproxy-init -s test26.egi.cesga.es
Your identity: /DC=es/DC=irisgrid/O=cesga/CN=javier-lopez
Enter GRID pass phrase for this identity:
Creating proxy ..... Done
Proxy Verify OK
Your proxy is valid until: Wed Mar 7 16:18:54 2012
Enter MyProxy pass phrase:
Error entering passphrase.
}}
```

* Setting the lifetime

```
{
[esfreire@test26 ~]$ myproxy-init -c 0 -s test26.egi.cesga.es
Your identity: /DC=es/DC=irisgrid/O=cesga/CN=javier-lopez
Enter GRID pass phrase for this identity:
Creating proxy .....
Done
Proxy Verify OK
Your proxy is valid until: Wed Mar 7 16:23:50 2012
Enter MyProxy pass phrase:
Verifying - Enter MyProxy pass phrase:
A proxy valid for 7894 hours (328.9 days) for user esfreire now exists on
test26.egi.cesga.es.
}}
```

* Once you've stored a credential in the MyProxy repository, you can retrieve a proxy credential whenever you need one with the myproxy-logon command

```
{
[esfreire@test26 ~]$ myproxy-logon -s test26.egi.cesga.es
Enter MyProxy pass phrase:
A credential has been received for user esfreire in /tmp/x509up_u500.
}}
```

* Renewing Credentials

```
{
[esfreire@test26 ~]$ myproxy-init -A -k renewable -s test26.egi.cesga.es
Your identity: /DC=es/DC=irisgrid/O=cesga/CN=javier-lopez
```

```
Enter GRID pass phrase for this identity:
Creating proxy ..... Done
Proxy Verify OK
Your proxy is valid until: Wed Mar 7 16:21:52 2012
A proxy valid for 168 hours (7.0 days) for user esfreire now exists on
test26.egi.cesga.es.
}}}
```

==== Testing from one of CESGA UI ====

* Managing Credentials

```
{
[esfreire@test13 ~]$ myproxy-init -s test26.egi.cesga.es
Your identity: /DC=es/DC=irisgrid/O=cesga/CN=javier-lopez
Enter GRID pass phrase for this identity:
Creating proxy ..... Done
Proxy Verify OK
Your proxy is valid until: Wed Mar 7 16:23:50 2012
Enter MyProxy pass phrase:
Verifying - Enter MyProxy pass phrase:
A proxy valid for 168 hours (7.0 days) for user esfreire now exists on
test26.egi.cesga.es.
}}
```

* Setting the lifetime

```
{
[esfreire@test13 ~]$ myproxy-init -c 0 -s test26.egi.cesga.es
Your identity: /DC=es/DC=irisgrid/O=cesga/CN=javier-lopez
Enter GRID pass phrase for this identity:
Creating proxy ..... Done
Proxy Verify OK
Your proxy is valid until: Wed Mar 7 16:23:50 2012
Enter MyProxy pass phrase:
Verifying - Enter MyProxy pass phrase:
A proxy valid for 7750 hours (322.9 days) for user esfreire now exists on
test26.egi.cesga.es.
}}
```

* Once you've stored a credential in the MyProxy repository, you can retrieve a proxy credential whenever you need one with the myproxy-logon command

```
{
[esfreire@test13 ~]$ myproxy-logon -s test20.egi.cesga.es
Enter MyProxy pass phrase:
A credential has been received for user esfreire in /tmp/x509up_u505.
}}
```

* Renewing Credentials


```
{{{
[esfreire@test13 ~]$ myproxy-init -A -k renewable -s test20.egi.cesga.es
Your identity: /DC=es/DC=irisgrid/O=cesga/CN=esteban.freire
Enter GRID pass phrase for this identity:
Creating
proxy .....
..... Done
Proxy Verify OK
Your proxy is valid until: Wed Mar 7 16:23:50 2012
A proxy valid for 168 hours (7.0 days) for user esfreire now exists on
test20.egi.cesga.es.
```

```
}}}
```

```
{{{
[esfreire@test13 ~]$ myproxy-logon -s test26.egi.cesga.es
Enter MyProxy pass phrase:
A credential has been received for user esfreire in /tmp/x509up_u505.
}}}
```

The documentation is available at
<http://globus.org.eu/toolkit/docs/5.2/5.2.0/myproxy/admin/>

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):

I opened a ggus ticket, https://ggus.eu/ws/ticket_info.php?ticket=73358, because I think the documentation is more focused in when the globus-myproxy meta-package is installed from source and then it is compiled/installed with the different options:

In my opinion it should be done a different documentation for "MyProxy: System Administrator's Guide" or do a subsection for when the globus-myproxy is installed from IGE/EGI repository. Because I did not have very clear the steps to carry out, and what I was installing . A part from this, some of the PATH mentioned in the MyProxy: System Administrator's Guide" do not match with the UMD package installation.

According to the ggus ticket opened during the first certification of ige.globus-myproxy.sl5, https://ggus.eu/ws/ticket_info.php?ticket=73358 . They put the following file:

```
{}  
[esfreire@test26 ~]$ cat /usr/share/doc/myproxy-server-5.5/README.Fedora
```

You must install host certificates for myproxy-server.

These should be located at

```
/etc/grid-security/myproxy/hostcert.pem , permissions 644  
/etc/grid-security/myproxy/hostkey.pem , permission 600
```

and owned by user/group myproxy/myproxy.
}}}

I think this is not enough for a user who wants to install this for first time.

Comments for DMSU (TSA2.5):

Comments for TP: