

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

Name of the component	IGE.gsisshterm.sl6.x86_64-1.3.4		
Release	1.3.4	RT Ticket	4438
Software Provider	IGE		
	Mattias Ellert	mattias.ellert@fysast.uu.se	
Validator	Name:	E-Mail	
	Enol Fernández	enolfc@gmail.com	
V. Hours Worked	1:00		
Component status	Accepted	Date	28/02/2013
Verification start date	24/01/2013	Verification end date	28/02/2013

Summary:

This is a minor update of gsisshterm with improved MyProxy. Verification consisted in basic functionality check.

GGUS Tickets:

https://ggus.eu/ws/ticket_info.php?ticket=90815

Summary of Quality Criteria verification:

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
TP				
VLD	9	0	3	12
	Specific Quality Criteria			
TP				
VLD	3		3	6

Criteria	Accepted (Y/N/NA)	Tested (TP/VLD)	Comments	RELEASE:
DOCUMENTATION QC				
GENERIC_DOC_1 (Functional Description)	Y	VLD	Poor documentation	ige.gsisshterr
GENERIC_DOC_2 (Release Notes)	Y	VLD	Release notes available in the changelog of release.xml	
GENERIC_DOC_3 (User Documentation)	Y	VLD	Online docs included in the app	
GENERIC_DOC_4 (Online help (man pages))	Y	VLD	Online docs in the app	
GENERIC_DOC_5 (API Documentation)	NA	VLD		
GENERIC_DOC_6 (Administrator Documentation)	NA	VLD		
GENERIC_DOC_7 (Service Reference Card)	NA	VLD		
GENERIC_DOC_8 (Software License)	Y	VLD	Apache License	
GENERIC_DOC_9 (Release changes testing)	Y	VLD	Document available, but no tests (no bugs or new features in the release)	
SOFTWARE DISTRIBUTION QC				
GENERIC_DIST_1 (Source Code Availability)	Y	VLD	Source repo is available	
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	Packages installed without issues	
SOFTWARE FEATURES QC				
GENERIC_SOFT_1 (Backwards Compatibility)	Y	VLD	Not found	
GENERIC_SOFT_2 (New features testing)	Y	VLD	No new features tested	
SECURITY QC				
GENERIC_SEC_1 (World Writable Files)	Y	VLD	Not found	
GENERIC_SEC_3 (Passwords in world readable)	Y	VLD	Does not uses passwords anywhere	
MISCELLANEOUS QC				
GENERIC_MISC_1 (Bug Tracking System)	Y	VLD	IGE is enrolled in GGUS	
AUTHENTICATION QC				
AUTHN_CRED_1 (X.509 Certificate support)	Y	VLD		
AUTHN_CRED_2 (SHA2 Certificate support)	NA	VLD	Not tested (not a service)	
AUTHN_CRED_3 (RFC Proxy support)	NA	VLD	Not tested (not a service)	
AUTHN_PROTO_1 (TLSSSLv3 Support)	NA			
INTERACTIVE JOB MANAGEMENT QC				
INTERACTIVE_JOB_1 (Interactive login)	Y	VLD	See report	
CLIENT TOOLS QC				
CLIENT_TOOLS_1 (Command line options cohe)	Y	VLD	No command line options	
CLIENT_TOOLS_2 (Error Messages)	Y	VLD	Error messages coming from openssh	

Validator comments:

Installation:

1. Get repo file

```
wget http://admin-repo.egi.eu/sw/unverified/umd-
2.ige.gsisshterm.sl6.x86_64/1/3/4/repofiles/IGE.gsisshterm.sl6.x86_64.repo
--2013-02-28 17:43:07-- http://admin-repo.egi.eu/sw/unverified/umd-
2.ige.gsisshterm.sl6.x86_64/1/3/4/repofiles/IGE.gsisshterm.sl6.x86_64.repo
Resolving admin-repo.egi.eu... 195.251.54.94
Connecting to admin-repo.egi.eu[195.251.54.94]:80... connected.
HTTP request sent, awaiting response... 1200 OK
Length: 335 [text/plain]
Saving to: IGE.gsisshterm.sl6.x86_64.repo,

100%[=====>] 335
--.-K/s in 0s

2013-02-28 17:43:07 (23.2 MB/s) - IGE.gsisshterm.sl6.x86_64.repo, saved
[335/335]
```

2. Installation

```
[root@sshterm ~]# yum install ige-meta-gsisshterm
Loaded plugins: priorities, security
Setting up Install Process
Resolving Dependencies
[...]

Installed:
  ige-meta-gsisshterm.noarch 0:3.0-1.el6

Dependency Installed:
  alsa-lib.x86_64 0:1.0.22-3.el6          flac.x86_64
  0:1.2.1-6.1.el6                        freetype.x86_64
  fontconfig.x86_64 0:2.8.0-3.el6       gsisshterm.noarch
  0:2.3.11-14.el6_3.1                   giflib.x86_64 0:4.1.6-3.1.el6
  0:1.3.3-1.el6                          java-1.6.0-openjdk.x86_64 1:1.6.0.0-1.56.1.11.8.el6_3
  0:0.9.94-0.8.el6                       jpackage-utils.noarch 0:1.7.5-3.12.el6
  0:1.0.6-1.el6                           libSM.x86_64 0:1.1.0-7.1.el6
  0:1.3-2.el6                             libX11-common.noarch 0:1.3-2.el6
  0:1.0.5-1.el6                           libXext.x86_64 0:1.1-3.el6
  0:1.3-3.el6                             libXrender.x86_64 0:0.9.5-1.el6
  0:1.0.99.2-3.el6                        libasyncns.x86_64 0:0.8-1.1.el6
  0:6b-46.el6                             libogg.x86_64 2:1.1.4-2.1.el6
  2:1.2.49-1.el6_2                       libsndfile.x86_64 0:1.0.20-5.el6
  1:1.2.3-4.el6_2.1                      libxcb.x86_64 0:1.5-1.el6
  libs.x86_64 0:0.9.21-13.el6             rhino.noarch 0:1.7-0.7.r2.2.el6
  0:2012j-1.el6                          tzdata-java.noarch

Complete!
```

Tests:

Start term and login into gsissh server (see screenshot), no issue with the script.

```
GSI-SSHTerm_IGE_for_PRACE_DGRID_LRZ [gt5-ige.drg.lrz.de]
File Edit View Tools Proxy Help
Last login: Thu Feb 28 17:48:32 2013 from cloud.lfca.es
eno1@gt5-ige:~> hostname -a

eno1@gt5-ige:~> hostname -f
gt5-ige.drg.lrz.de
eno1@gt5-ige:~> whoami
eno1
eno1@gt5-ige:~> ls -ltr /
total 96
drwxr-xr-x  2 root root   6 May 13  2009 kdist
drwxr-xr-x  2 root root   6 May  5  2010 sellinux
drwxr-xr-x  2 root root   6 May  5  2010 media
drwxr-xr-x  2 root root   6 Feb 25  2011 kdist
drwxr-xr-x  2 root root   6 Nov  9  2011 mnnt
drwxr-xr-x  7 root root  77 Jan 25  2012 home
drwxr-xr-x 14 root root 4096 Jun 25  2012 usr
drwxr-xr-x 16 root root 4096 Jun 25  2012 opt
drwxr-xr-x  5 root root   40 Sep 26 13:55 srv
drwxr-xr-x  2 root root 4096 Jan 17 12:10 bin
drwxr-xr-x 17 root root 4096 Jan 18 12:10 var
drwxr-xr-x  9 root root 8192 Feb 26 12:10 lib64
```

gt5-ige.drg.lrz.de:2222 | Unknown | Connected

Not applicable Quality Criteria

Specific Functional Tests to be repeated in SR:

Test number	Description	Motivation

Specific Non-functional tests (Scalability, etc...) to be repeated in SR:

Test number	Description	Motivation

Comments for UMD QC definition (TSA2.2):

Comments for SR (TSA1.3):

Comments for DMSU (TSA2.5):

Comments for TP: