

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

Name of the component	SAM		
Release	Update 20	RT Ticket	#4796
Software Provider	JRA1		
Release Contact	Name:	E-Mail	
	Diego Scardaci		
Validator	Name:	E-Mail	
	Alvaro Simon, asimon@cesga.es		
V. Hours Worked	2		
Component status	<b>Verified</b>	Date	17/12/12
Verification start date	17/12/12	Verification end date	17/12/12

**Summary:**

The new SAM U20 was updated and configured in the verification machine (test23.egi.cesga.es) without any relevant issue.  
To upgrade SAM service site admin should exclude sam-gridmon or sam-nagios packages.

**Summary of Quality Criteria verification:**

	Generic Quality Criteria Total (Critical/Non critical)			
	Passed	Not passed	Not Applicable	Total
<b>TP</b>				
<b>VLD</b>	17	0	0	17
	Specific Quality Criteria			
<b>TP</b>				
<b>VLD</b>	24	0	0	24

## Quality Criteria verification cheatsheet:

Criteria	Accepted (Y/N/NA)	Tested (TP/VLD)	Comments
<b>Generic QC</b>			
GENERIC_DOC_1 (Functional Description)	Y	VLD	
GENERIC_DOC_2 (Release Notes)	Y	VLD	<a href="https://tomtools.cem.ch/confluence/display/SAMDOC/Update-20">https://tomtools.cem.ch/confluence/display/SAMDOC/Update-20</a>
GENERIC_DOC_3 (User Documentation)	Y	VLD	<a href="https://tomtools.cem.ch/confluence/display/SAMDOC/User%27s+Guide">https://tomtools.cem.ch/confluence/display/SAMDOC/User%27s+Guide</a>
GENERIC_DOC_4 (Online help (man pages))	Y	VLD	<a href="https://tomtools.cem.ch/confluence/display/SAMDOC/FAQs">https://tomtools.cem.ch/confluence/display/SAMDOC/FAQs</a>
GENERIC_DOC_5 (API Documentation)	Optional		
GENERIC_DOC_6 (Administrator Documentation)			<a href="https://tomtools.cem.ch/confluence/display/SAMDOC/Administrator%27s+Guide">https://tomtools.cem.ch/confluence/display/SAMDOC/Administrator%27s+Guide</a>
GENERIC_DOC_7 (Service Reference Card)	Y	VLD	<a href="https://tomtools.cem.ch/confluence/display/SAMDOC/SAM-Nagios+Card">https://tomtools.cem.ch/confluence/display/SAMDOC/SAM-Nagios+Card</a>
GENERIC_DOC_8 (Software License)	Y	VLD	<a href="https://wiki.egi.eu/wiki/EGI-InSPIRE_Software_Copyrights_and_Licenses">https://wiki.egi.eu/wiki/EGI-InSPIRE_Software_Copyrights_and_Licenses</a>
GENERIC_DOC_9 (Release changes testing)	Y	VLD	<a href="https://tomtools.cem.ch/confluence/display/SAMDOC/Update-20">https://tomtools.cem.ch/confluence/display/SAMDOC/Update-20</a>
GENERIC_DIST_1 (Source Code Availability)	Y	VLD	<a href="http://svnweb.cem.ch/guest/sam/">http://svnweb.cem.ch/guest/sam/</a>
GENERIC_DIST_2 (Source Distribution)	Y	VLD	
GENERIC_DIST_3 (Binary Distribution)	Y	VLD	
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)	Y	VLD	
GENERIC_SEC_1 (World Writable Files)	Y	VLD	
GENERIC_SEC_2 (Directory Traversal Attacks testing)	Optional		
GENERIC_MISC_2 (Bug Tracking System)	Y	VLD	
<b>Security Capabilities QC</b>			
AUTHN_IFACE_1 (X.509 Certificate support)	Y	VLD	
AUTHN_IFACE_2 (SAML authentication)	Optional		
AUTHN_DELEG_1 (Delegation Interface)	TBD		
AUTHZ_PCYDEF_3 (Ban UserFQAN)	Y	VLD	
AUTHZ_PCYDEF_4 (Allowed users definition)	Y	VLD	
AUTHZ_PEP_1 (Policy Enforcement)	Y	VLD	
AUTHZ_PEP_2 (User Mapping)	Y	VLD	
<b>Information Capabilities QC</b>			
INFOMODEL_SCHEMA_1 (GlueSchema Support)	Y	VLD	ldapsearch -p 2170 -x -LLL -h test23.egi.cesga.es -b O=grid
INFODISC_IFACE_1 (Information Discovery Interface)	Y	VLD	ldapsearch -p 2170 -x -LLL -h test23.egi.cesga.es -b O=grid
<b>Operations Capabilities QC</b>			
MON_NCG_1 (Generation of Nagios Configuration Files)	Y	VLD	Probes available at test machine <a href="https://test23.egi.cesga.es:443/nagios">https://test23.egi.cesga.es:443/nagios</a>
MON_NCG_2 (Generation of Failover Nagios Configuratic)	Y	VLD	Probes available at test machine <a href="https://test23.egi.cesga.es:443/nagios">https://test23.egi.cesga.es:443/nagios</a>
MON_PORTAL_1 (Resource Summary View)	Y	VLD	Probes available at test machine <a href="https://test23.egi.cesga.es:443/nagios">https://test23.egi.cesga.es:443/nagios</a>
MON_PORTAL_2 (Resource Detail View)	Y	VLD	Probes available at test machine <a href="https://test23.egi.cesga.es:443/nagios">https://test23.egi.cesga.es:443/nagios</a>
MON_PORTAL_3 (Resource Historical View)	Y	VLD	Probes available at test machine <a href="https://test23.egi.cesga.es:443/nagios">https://test23.egi.cesga.es:443/nagios</a>
MON_PORTAL_4 (Resource Filters)	Y	VLD	Probes available at test machine <a href="https://test23.egi.cesga.es:443/nagios">https://test23.egi.cesga.es:443/nagios</a>
MON_PORTAL_5 (Responsiveness)	Y	VLD	Probes available at test machine <a href="https://test23.egi.cesga.es:443/nagios">https://test23.egi.cesga.es:443/nagios</a>
MON_PORTAL_6 (Linkable Views)	Y	VLD	Probes available at test machine <a href="https://test23.egi.cesga.es:443/nagios">https://test23.egi.cesga.es:443/nagios</a>
MON_DB_1 (Metric List Fetching)	Y	VLD	Probes available at test machine <a href="https://test23.egi.cesga.es:443/nagios">https://test23.egi.cesga.es:443/nagios</a>
MON_DB_2 (Resource List Fetching)	Y	VLD	Probes available at test machine <a href="https://test23.egi.cesga.es:443/nagios">https://test23.egi.cesga.es:443/nagios</a>
MON_PROBE_1 (Probe Template)	Y	VLD	Probes available at test machine <a href="https://test23.egi.cesga.es:443/nagios">https://test23.egi.cesga.es:443/nagios</a>
MON_PROBE_GENERIC_1 (Certificate Lifetime Probe)	Y	VLD	Probes available at test machine <a href="https://test23.egi.cesga.es:443/nagios">https://test23.egi.cesga.es:443/nagios</a>
MON_PROBE_GENERIC_2 (Service Probe)	Y	VLD	Probes available at test machine <a href="https://test23.egi.cesga.es:443/nagios">https://test23.egi.cesga.es:443/nagios</a>
MON_PROBE_JOBEXEC_1 (Job Execution Probe)	Y	VLD	Probes available at test machine <a href="https://test23.egi.cesga.es:443/nagios">https://test23.egi.cesga.es:443/nagios</a>

## Validator comments:

```
# wget http://admin-repo.egi.eu/sw/unverified/sam/1/20/0/repofiles/sam.repofiles
```

```
# yum update --exclude sam-gridmon
```

```
=====
Package                               Arch                               Version
Repository                             Size
=====
Updating:
mywlcg                                  noarch                             1.4.17-
6.el5                                   egi-sam                             2.0 M
```

### Transaction Summary

```
=====
Install      0 Package(s)
Upgrade      1 Package(s)
```

```
Total download size: 2.0 M
Is this ok [y/N]:
```

```
# /opt/glite/yaim/bin/yaim -s site-info.def -c -n glite-UI -n glite-NAGIOS;service nagios restart
```

## 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):

Nagios admins should upgrade excluding sam-gridmon or sam-nagios packages, if not upgrade process will fail:

```
# yum update --exclude sam-gridmon  
# yum update --exclude sam-nagios
```

### Comments for DMSU (TSA2.5):

### Comments for TP: