

Quality Criteria Verification Report

Product	wms-ice.sl5.x86_64-3.5.4 wms-ice.sl6.x86_64-3.5.4	Release	3.5.4
Software Provider	EMI	RT Ticket	#7690 and #7691
Provider contact	Cristina Aiftimiei <crisrina.aiftimiei@pd.infn.it>		
Verifier	Ruben Diez, Esteban Freire ({rdiez,esfreire}@cesga.es)		
Hours worked	4h	Date	10/02/15
Status	Accepted		

Summary

Verification report for wms-ice V-3.5.4 in SL5 and SL6.

Related tickets

Documentation Criteria

Document	
Release notes	http://www.eu-emi.eu/releases/emi-3-monte-bianco/updates/-/asset_publisher/5Na8/content/update-22-10-11-2014-v-3-13-0-1
User Documentation	http://www.eu-emi.eu/releases/emi-3-monte-bianco/updates/-/asset_publisher/5Na8/content/update-22-10-11-2014-v-3-13-0-1
API Documentation	http://www.eu-emi.eu/releases/emi-3-monte-bianco/updates/-/asset_publisher/5Na8/content/update-22-10-11-2014-v-3-13-0-1
Admin Documentation	http://www.eu-emi.eu/releases/emi-3-monte-bianco/updates/-/asset_publisher/5Na8/content/update-22-10-11-2014-v-3-13-0-1
Software License	http://www.eu-emi.eu/releases/emi-3-monte-bianco/updates/-/asset_publisher/5Na8/content/update-22-10-11-2014-v-3-13-0-1

Generic Criteria

Criteria	Status ¹	Additional Comments
Binary Distribution	OK	
Upgrade	OK	
X.509 Certificate support	OK	

¹OK, WARN, FAIL, NA (Not Applicable) or NT (Not Tested)

SHA-2 Certificates Support	OK	
RFC Proxy support	OK	
ARGUS Integration	NA	
World Writable Files	NT	Minor release
Passwords in world readable files	NT	Minor release
GlueSchema 1.3 Support	OK	
GlueSchema 2.0 Support	OK	
Middleware Version Information	NT	Minor release
Service Probes	OK	
Accounting Records	NA	
Bug Tracking System	OK	

Specific QC

Basic Functionality Test

== Verification of wms-ice.s15.x86_64-3.5.4 ==
 = WMS-ice testing in WMS together with gridftp, globus-default-security, myproxy, gram5, CESNET.px + UMD-3 RC repo =

== Tickets ==

- * <https://rt.egi.eu/rt/Ticket/Display.html?id=7690>
- * <https://rt.egi.eu/rt/Ticket/Display.html?id=7706>
- * <https://rt.egi.eu/rt/Ticket/Display.html?id=7840>
- * <https://rt.egi.eu/rt/Ticket/Display.html?id=7854>
- * <https://rt.egi.eu/rt/Ticket/Display.html?id=7969>
- * <https://rt.egi.eu/rt/Ticket/Display.html?id=7988>

=== Used Repositories ===

```

{{{
[root@test22 yum.repos.d]# cat CESNET.px.s15.x86_64.repo
# EGI Software Repository - REPO META
(releaseId,repositoryId,repofileId) - (7706,1729,1660)

```

```

[CESNET.px.s15.x86_64]
name=CESNET.px.s15.x86_64
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-3.cesnet.px.s15.x86_64/1/3/36/
enabled=1
protect=1
priority=1
gpgcheck=1
gpgkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emi

```

```

[root@test22 yum.repos.d]# cat EMI.wms-ice.s15.x86_64.repo
# EGI Software Repository - REPO META
(releaseId,repositoryId,repofileId) - (7690,1719,1650)

```

```

[EMI.wms-ice.s15.x86_64]
name=EMI.wms-ice.s15.x86_64

```

```
baseurl=http://admin-repo.egi.eu/sw/unverified/umd-3.emi.wms-  
ice.s15.x86_64/3/5/4/  
enabled=1  
protect=1  
priority=1  
gpgcheck=1  
gpgkey=http://emisoft.web.cern.ch/emisoft/dist/EMI/3/RPM-GPG-KEY-emi
```

```
[root@test22 yum.repos.d]# cat GLOBUS.globus-default-  
security.s15.x86_64.repo  
# EGI Software Repository - REPO META  
(releaseId,repositoryId,repofileId) - (7854,1780,1709)
```

```
[GLOBUS.globus-default-security.s15.x86_64]  
name=GLOBUS.globus-default-security.s15.x86_64  
baseurl=http://repository.egi.eu/sw/stagerollout/umd-3.globus.globus-  
default-security.s15.x86_64/6/  
enabled=1  
protect=1  
priority=1  
gpgcheck=1  
gpgkey=http://ftp.fi.muni.cz/pub/linux/fedora/epel/RPM-GPG-KEY-EPEL-5
```

```
[root@test22 yum.repos.d]# cat GLOBUS.gram5.s15.x86_64.repo  
# EGI Software Repository - REPO META  
(releaseId,repositoryId,repofileId) - (7840,1777,1706)
```

```
[GLOBUS.gram5.s15.x86_64]  
name=GLOBUS.gram5.s15.x86_64  
baseurl=http://repository.egi.eu/sw/stagerollout/umd-  
3.globus.gram5.s15.x86_64/6/  
enabled=1  
protect=1  
priority=1  
gpgcheck=1  
gpgkey=http://ftp.fi.muni.cz/pub/linux/fedora/epel/RPM-GPG-KEY-EPEL-5
```

```
[root@test22 yum.repos.d]# cat GLOBUS.gridftp.s15.x86_64.repo  
# EGI Software Repository - REPO META  
(releaseId,repositoryId,repofileId) - (7969,1785,1714)
```

```
[GLOBUS.gridftp.s15.x86_64]  
name=GLOBUS.gridftp.s15.x86_64  
baseurl=http://repository.egi.eu/sw/stagerollout/umd-  
3.globus.gridftp.s15.x86_64/6/  
enabled=1  
protect=1  
priority=1  
gpgcheck=1  
gpgkey=http://ftp.fi.muni.cz/pub/linux/fedora/epel/RPM-GPG-KEY-EPEL-5
```

```
[root@test22 yum.repos.d]# cat GLOBUS.myproxy.s15.x86_64.repo  
# EGI Software Repository - REPO META  
(releaseId,repositoryId,repofileId) - (7988,1793,1722)
```

```
[GLOBUS.myproxy.s15.x86_64]
```

```

name=GLOBUS.myproxy.s15.x86_64
baseurl=http://repository.egi.eu/sw/stagerollout/umd-
3.globus.myproxy.s15.x86_64/6/
enabled=1
protect=1
priority=1
gpgcheck=1
gpgkey=http://ftp.fi.muni.cz/pub/linux/fedora/epel/RPM-GPG-KEY-EPEL-5
}}

```

=== Updating the WMS + LB ===

```
* yum update
```

```
{{{
```

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Package Version Size	Repository	Arch
=====		
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=====		

```
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```

```
Installing:
```

emi-lb 1.0.3-1.el5 2.0 k	UMD-3-updates	x86_64
emi-wms 3.5.0-5.s15 2.0 k	UMD-3-base	noarch
Installing for dependencies:		
glite-px-proxyrenewal 1.3.36-1.el5 2.0 k	CESNET.px.s15.x86_64	x86_64
glite-px-proxyrenewal-devel 1.3.36-1.el5 5.7 k	CESNET.px.s15.x86_64	x86_64
glite-px-proxyrenewal-libs 1.3.36-1.el5 25 k	CESNET.px.s15.x86_64	x86_64
glite-px-proxyrenewal-progs 1.3.36-1.el5 44 k	CESNET.px.s15.x86_64	x86_64
glite-wms-core 3.5.1-1.s15 1.0 M	UMD-3-updates	x86_64
glite-wms-ice 3.5.4-2.s15 9.9 M	EMI.wms-ice.s15.x86_64	x86_64
glite-wms-interface 3.6.5-1.s15 892 k	UMD-3-updates	x86_64
glite-wms-jobsubmission 3.5.1-1.s15 109 k	UMD-3-updates	x86_64
glite-wms-purger 3.5.1-1.s15 89 k	UMD-3-updates	x86_64

```

Updating for dependencies:
  myproxy-libs                                x86_64
  6.1.10-1.el5
  GLOBUS.myproxy.s15.x86_64                  138 k

```

Transaction Summary

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Package Version Size	Arch Repository
=====	
=====	
=====	

```

==
Installing:
  kernel                                x86_64
  2.6.18-400.1.1.el5                    sl-security
  22 M
  myproxy-voms                           x86_64
  6.1.10-1.el5                           epel
  18 k
    replacing myproxy-libs.x86_64 5.9-2.el5

```

```

Updating:
  bind-libs                                x86_64
  30:9.3.6-25.P1.el5_11.2                sl-security
  899 k
  bind-utils                              x86_64
  30:9.3.6-25.P1.el5_11.2                sl-security
  180 k
  classads                                x86_64
  1.0.10-1.el5                            UMD-3-updates
  454 k
  emi-version                             x86_64
  3.12.0-1.el5                            UMD-3-updates
  2.3 k
  glibc                                    i686
  2.5-123.el5_11.1                        sl-security
  5.4 M
  glibc                                    x86_64
  2.5-123.el5_11.1                        sl-security
  4.8 M
  glibc-common                            x86_64
  2.5-123.el5_11.1                        sl-security
  16 M
  globus-authz                             x86_64
  3.10-1.el5                              GLOBUS.globus-
  default-security.s15.x86_64             15 k
  globus-authz-callout-error              x86_64
  3.5-1.el5                              GLOBUS.globus-
  default-security.s15.x86_64            11 k

```

globus-callout	x86_64	
3.13-1.el5	GLOBUS.globus-	
default-security.s15.x86_64	19 k	
globus-common	x86_64	
15.26-1.el5	GLOBUS.globus-	
default-security.s15.x86_64	134 k	
globus-ftp-control	x86_64	
6.3-1.el5		
GLOBUS.gridftp.s15.x86_64		75
k		
globus-gass-transfer	x86_64	
8.8-1.el5		
GLOBUS.gridftp.s15.x86_64		44
k		
globus-gfork	x86_64	
4.7-1.el5		
GLOBUS.gridftp.s15.x86_64		20
k		
globus-gram-client	x86_64	
13.11-1.el5		
GLOBUS.gram5.s15.x86_64		22
k		
globus-gram-protocol	x86_64	
12.12-2.el5		
GLOBUS.gram5.s15.x86_64		41
k		
globus-gridftp-server	x86_64	
7.17-1.el5		
GLOBUS.gridftp.s15.x86_64		195
k		
globus-gridftp-server-control	x86_64	
3.6-1.el5		
GLOBUS.gridftp.s15.x86_64		78
k		
globus-gridftp-server-progs	x86_64	
7.17-1.el5		
GLOBUS.gridftp.s15.x86_64		51
k		
globus-gsi-callback	x86_64	
5.6-1.el5	GLOBUS.globus-	
default-security.s15.x86_64	43 k	
globus-gsi-cert-utils	x86_64	
9.10-1.el5	GLOBUS.globus-	
default-security.s15.x86_64	20 k	
globus-gsi-credential	x86_64	
7.7-1.el5	GLOBUS.globus-	
default-security.s15.x86_64	37 k	
globus-gsi-openssl-error	x86_64	
3.5-1.el5	GLOBUS.globus-	
default-security.s15.x86_64	17 k	
globus-gsi-proxy-core	x86_64	
7.7-1.el5	GLOBUS.globus-	
default-security.s15.x86_64	37 k	
globus-gsi-proxy-ssl	x86_64	
5.7-1.el5	GLOBUS.globus-	
default-security.s15.x86_64	18 k	
globus-gsi-sysconfig	x86_64	
6.8-1.el5	GLOBUS.globus-	
default-security.s15.x86_64	31 k	

globus-gss-assist	x86_64	
10.13-1.el5	GLOBUS.globus-	
default-security.s15.x86_64	36 k	
globus-gssapi-error	x86_64	
5.4-1.el5	GLOBUS.globus-	
default-security.s15.x86_64	14 k	
globus-gssapi-gsi	x86_64	
11.14-1.el5	GLOBUS.globus-	
default-security.s15.x86_64	63 k	
globus-io	x86_64	
11.2-1.el5	GLOBUS.globus-	
default-security.s15.x86_64	45 k	
globus-openssl-module	x86_64	
4.6-1.el5	GLOBUS.globus-	
default-security.s15.x86_64	14 k	
globus-proxy-utils	x86_64	
6.9-1.el5	GLOBUS.globus-	
default-security.s15.x86_64	45 k	
globus-rsl	x86_64	
10.9-1.el5		
GLOBUS.gram5.s15.x86_64		33
k		
globus-usage	x86_64	
4.4-1.el5	GLOBUS.globus-	
default-security.s15.x86_64	17 k	
globus-xio	x86_64	
4.17-1.el5	GLOBUS.globus-	
default-security.s15.x86_64	180 k	
globus-xio-gsi-driver	x86_64	
3.6-1.el5	GLOBUS.globus-	
default-security.s15.x86_64	37 k	
globus-xio-pipe-driver	x86_64	
3.7-1.el5	GLOBUS.globus-	
default-security.s15.x86_64	17 k	
java-1.6.0-openjdk	x86_64	
1:1.6.0.34-1.13.6.1.el5_11	sl-security	
43 M		
java-1.6.0-openjdk-devel	x86_64	
1:1.6.0.34-1.13.6.1.el5_11	sl-security	
15 M		
libxml2	x86_64	
2.6.26-2.1.25.el5_11	sl-security	
811 k		
libxml2-python	x86_64	
2.6.26-2.1.25.el5_11	sl-security	
715 k		
nscd	x86_64	
2.5-123.el5_11.1	sl-security	
178 k		
nss	i386	
3.16.2.3-1.el5_11	sl-security	
1.2 M		
nss	x86_64	
3.16.2.3-1.el5_11	sl-security	
1.3 M		
nss-tools	x86_64	
3.16.2.3-1.el5_11	sl-security	
762 k		

```

ntp
4.2.2p1-18.el5_11
1.3 M
x86_64
sl-security

popt
1.10.2.3-36.el5_11
79 k
x86_64
sl-security

rpm
4.4.2.3-36.el5_11
1.2 M
x86_64
sl-security

rpm-libs
4.4.2.3-36.el5_11
927 k
x86_64
sl-security

rpm-python
4.4.2.3-36.el5_11
65 k
x86_64
sl-security

voms
2.0.12-2
165 k
x86_64
UMD-3-updates

Removing:
kernel
2.6.18-371.4.1.el5
99 M
x86_64
installed

Installing for dependencies:
voms-clients
2.0.12-2
175 k
x86_64
UMD-3-updates

```

Transaction Summary

```

=====
=====
=====
==
}}}
```

=== Configuring the WMS + LB (OK) ===

```

{{{
/opt/glite/yaim/bin/yaim -c -s /opt/glite/yaim/etc/site-info.def -n
WMS -n LB
[ ..... ]
```

```

Stopping LogMonitor...          LogMonitor not running!
Starting LogMonitor...          [ OK ]
starting ICE... glite-proxy-renewd: no process killed
ok
Stopping ProxyRenewal Daemon: glite-proxy-renewd ... done
Starting ProxyRenewal Daemon: glite-proxy-renewd ... done
Restarting /usr/bin/glite_wms_wmproxy_server... ok
  INFO: Executing function: config_cron_wms_setenv
  INFO: Executing function: config_cron_wms
  INFO: Executing function: config_glite_lb_setenv
  INFO: Executing function: config_glite_lb
  INFO: Configuring nodes [WMS LB], using L&B mode: both
glite-lb-setup: Database 'lbserver20' exists.
glite-lb-setup: Certificates copied to /var/glite/.certs/
glite-lb-setup: Messaging brokers: (no changes)
glite-lb-setup: Authorizations not changed
glite-lb-setup: WARNING: EMIR_URL not set, EMIR won't be configured
Starting glite-lb-bkserverd:    [ OK ]
Starting glite-lb-notif-interlogd: [ OK ]
```



```

Starting glite-lb-logd: This is LocalLogger, part of Workload
Management System in EU DataGrid & EGEE.
[ OK ]
Starting glite-lb-interlogd:
[ OK ]
Starting glite-lb-proxy-interlogd:
[ OK ]
glite-lb-setup: Services started successfully
INFO: Executing function: config_glite_locallogger_setenv
INFO: Executing function: config_glite_locallogger
INFO: The workaround for bug 22389 already exists
Stopping glite-lb-logd ... done
Stopping glite-lb-interlogd ... done
Starting glite-lb-logd ...This is LocalLogger, part of Workload
Management System in EU DataGrid & EGEE.
done
Starting glite-lb-interlogd ... done
INFO: Executing function: config_bdii_5.2
Stopping BDII update process:
[ OK ]
Stopping BDII slapd:
[ OK ]
Starting BDII slapd:
[ OK ]
Starting BDII update process:
[ OK ]
INFO: Executing function: config_glite_initd
INFO: Executing function: config_info_service_lb_setenv
INFO: Executing function: config_info_service_lb
INFO: Configuration Complete.
[ OK ]
INFO: YAIM terminated succesfully.
[root@test22 etc]#
}}}
```

=== Testing ===

==== Checking the main daemons on the WMS service(OK) ====
 {{{

```

[root@test22 etc]# /etc/init.d/gLite status
*** globus-gridftp:
globus-gridftp-server (pid 23299) is running...

*** glite-wms-wmproxy:
/usr/bin/glite_wms_wmproxy_server is running...

*** glite-wms-wm:
/usr/bin/glite-wms-workload_manager (pid 23333) is running...

*** glite-wms-lm:
Logmonitor running...

*** glite-wms-jc:
JobController running in pid: 23379
CondorG master running in pid: 23385
CondorG schedd running in pid: 23506

*** glite-wms-ice:
/usr/bin/glite-wms-ice-safe (pid 23479) is running...

*** glite-proxy-renewald:
glite-proxy-renewd running

*** glite-lb-proxy-interlogd:
glite-lb-proxy-interlogd (pid 24317) is running...
```

```

*** glite-lb-notif-interlogd:
glite-lb-notif-interlogd (pid 24176) is running...

*** glite-lb-locallogger:
glite-lb-logd running as 24483
glite-lb-interlogd running as 24515

*** glite-lb-bkserverd:
glite-lb-bkserverd (pid 24136 24134 24132 24130 24128 24126 24120
24118 24116 24114 24113) is running...

[root@test22 etc]#
}}

== job submission (OK) ==
{{{
[esfreire@test13 ~]$ glite-wms-job-submit -a -o test.job check_bug.jdl

Connecting to the service
https://test22.egi.cesga.es:7443/glite_wms_wmproxy_server

===== glite-wms-job-submit Success
=====

The job has been successfully submitted to the WMPProxy
Your job identifier is:

https://test22.egi.cesga.es:9000/1QuXonjtJWUyNis4nGYLjg

The job identifier has been saved in the following file:
/home/esfreire/test.job

=====
=====

[esfreire@test13 ~]$ glite-wms-job-status -i test.job

===== glite-wms-job-status Success
=====
BOOKKEEPING INFORMATION:

Status info for the Job :
https://test22.egi.cesga.es:9000/1QuXonjtJWUyNis4nGYLjg
Current Status:      Done(Success)
Logged Reason(s):
  - job completed
  - Job Terminated Successfully
Exit code:           0
Status Reason:      Job Terminated Successfully
Destination:        test06.egi.cesga.es:8443/cream-pbs-GRID_ops
Submitted:          Thu Jan 29 09:54:42 2015 CET
=====
=====
}}

== Trying to cancel a job (OK) ==
{{{

```

```
[esfreire@test13 ~]$ glite-wms-job-submit -a -o test.job check_bug.jdl
```

```
Connecting to the service  
https://test22.egi.cesga.es:7443/glite_wms_wmproxy_server
```

```
=====  
===== glite-wms-job-submit Success  
=====
```

```
The job has been successfully submitted to the WMPProxy  
Your job identifier is:
```

```
https://test22.egi.cesga.es:9000/VvwznqQ2YhQStUSBup-aBg
```

```
The job identifier has been saved in the following file:  
/home/esfreire/test.job
```

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

```
[esfreire@test13 ~]$ glite-wms-job-cancel -i test.job
```

```
Are you sure you want to remove specified job(s) [y/n]y : y
```

```
Connecting to the service  
https://test22.egi.cesga.es:7443/glite_wms_wmproxy_server
```

```
=====  
===== glite-wms-job-cancel Success  
=====
```

```
The cancellation request has been successfully submitted for the  
following job(s):
```

```
- https://test22.egi.cesga.es:9000/VvwznqQ2YhQStUSBup-aBg
```

```
=====  
=====  
}}}
```

```
== trying a RFC proxy ==
```

```
{{{  
[esfreire@test13 ~]$ voms-proxy-init -rfc --voms  
ops:/ops/Role=lcgadmin  
Enter GRID pass phrase for this identity:  
Contacting lcg-voms.cern.ch:15009 [/DC=ch/DC=cern/OU=computers/CN=lcg-  
voms.cern.ch] "ops" ...  
Remote VOMS server contacted succesfully.
```

```
Created proxy in /tmp/x509up_u501.  
Your proxy is valid until Thu Jan 29 21:59:04 CET 2015
```

```
[esfreire@test13 ~]$ rm -rf test.job  
[esfreire@test13 ~]$ glite-wms-job-submit -a -o test.job check_bug.jdl
```

```
Connecting to the service  
https://test22.egi.cesga.es:7443/glite_wms_wmproxy_server
```

```
===== glite-wms-job-submit Success
=====
```

The job has been successfully submitted to the WMPProxy
Your job identifier is:

https://test22.egi.cesga.es:9000/pLntbMXJ9UAh7a_X6iZvKA

The job identifier has been saved in the following file:
/home/esfreire/test.job

```
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```

```
[esfreire@test13 ~]$ glite-wms-job-status -i test.job
```

```
===== glite-wms-job-status Success
=====
```

BOOKKEEPING INFORMATION:

Status info for the Job :

https://test22.egi.cesga.es:9000/pLntbMXJ9UAh7a_X6iZvKA

Current Status: Done(Success)

Logged Reason(s):

- job completed
- Job Terminated Successfully

Exit code: 0

Status Reason: Job Terminated Successfully

Destination: test06.egi.cesga.es:8443/cream-pbs-GRID_ops

Submitted: Thu Jan 29 09:59:35 2015 CET

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

```
}}}
```

```
==== Checking ldap (OK) ====
```

```
{{{
```

```
[root@ce2 ~]# ldapsearch -x -H ldap://test22.egi.cesga.es:2170 -b  
o=grid
```

```
[root@wms03 ~]# glue-validator -g egi-glue2 -H test22.egi.cesga.es -p  
2170 -b o=glue -s egi-profile -n -v 3 --exclude-known-issues --nagios  
OK - errors 0, warnings 0, info 0 | errors=0;warnings=0;info=0  
}}}
```

```
== Passing nagios tests OK (Nagios server is already running a SHA-2  
robot certificate) ==
```

```
{{{
```

```
https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?  
host=test22.egi.cesga.es  
https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?  
host=test06.egi.cesga.es  
}}}
```

== World writable files (OK) ==

```
find / -type f -perm -002 -exec ls -l {} \;
```

```
{{{
rpm -qalv | egrep "^[^-d]([-r][-w][-xs]){2}[-r]w"
drwxrwxrwt    2 root    root                0 Oct  1 01:04
/var/cache/coolkey
drwxrwxrwt    2 root    root                0 Oct  7 2009 /tmp
drwxrwxrwt    2 root    root                0 Oct  7 2009 /var/tmp
drwxrwxrwt    2 root    root                0 Oct  1 17:40
/var/cache/coolkey
drwxrwxrwt    2 root    root                0 Jun 17 2009
/var/spool/vbox
-rw-rw-rw-    1 root    root                0 Oct  8 18:58
/var/run/nscd/socket
drwxrwxrwt    2 condor  condor              0 Jun 20 2012
/var/lib/condor/execute
}}}
```

== Verification of wms-ice.sl6.x86_64-3.5.4 ==

= WMS-ice from UMD-3 candidate repos =

== Ticket: ==

[<https://rt.egi.eu/guest/Ticket/Display.html?id=7691>]

=== Repositories (using UMD-3 candidate): ===

```
{{{
```

```
[root@test22 yum.repos.d]# mkdir UMD-3-production
```

```
[root@test22 yum.repos.d]# mv UMD-3-*.repo UMD-3-production/
```

```
[root@test22 yum.repos.d]# wget
```

```
http://repository.egi.eu/sw/production/umd/candidate/3/repofiles/sl6/UMD-3-base.repo
```

```
[root@test22 yum.repos.d]# wget
```

```
http://repository.egi.eu/sw/production/umd/candidate/3/repofiles/sl6/UMD-3-updates.repo
```

```
[root@test22 ~]# yum clean all
```

```
[root@test22 ~]# yum update
```

```
[.....]
```

Dependencias resueltas

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

==

Paquete	Repositorio	Arquitectura	Tamaño
---------	-------------	--------------	--------

==

Instalando:

myproxy-voms		x86_64	
6.1.10-1.el6	UMD-3-updates		18 k

reemplazando	myproxy-libs.x86_64	5.9-8.el6	
--------------	---------------------	-----------	--

Actualizando:

classads		x86_64	
1.0.10-1.el6	UMD-3-updates		234 k
emi-version		x86_64	
3.12.0-1.el6	UMD-3-updates		2.4 k
glite-px-proxyrenewal		x86_64	
1.3.36-1.el6	UMD-3-updates		2.7 k
glite-px-proxyrenewal-devel		x86_64	
1.3.36-1.el6	UMD-3-updates		6.5 k
glite-px-proxyrenewal-libs		x86_64	
1.3.36-1.el6	UMD-3-updates		23 k
glite-px-proxyrenewal-progs		x86_64	
1.3.36-1.el6	UMD-3-updates		40 k
glite-wms-ice		x86_64	
3.5.4-2.sl6	UMD-3-updates		7.7 M
globus-authz		x86_64	
3.10-1.el6	UMD-3-updates		15 k
globus-authz-callout-error		x86_64	
3.5-1.el6	UMD-3-updates		12 k
globus-callout		x86_64	
3.13-1.el6	UMD-3-updates		19 k
globus-common		x86_64	
15.26-1.el6	UMD-3-updates		117 k
globus-ftp-control		x86_64	
6.3-1.el6	UMD-3-updates		69 k
globus-gass-transfer		x86_64	
8.8-1.el6	UMD-3-updates		41 k
globus-gfork		x86_64	
4.7-1.el6	UMD-3-updates		20 k
globus-gram-client		x86_64	
13.11-1.el6	UMD-3-updates		22 k
globus-gram-protocol		x86_64	
12.12-2.el6	UMD-3-updates		37 k
globus-gridftp-server		x86_64	
7.17-1.el6	UMD-3-updates		175 k
globus-gridftp-server-control		x86_64	
3.6-1.el6	UMD-3-updates		70 k
globus-gridftp-server-progs		x86_64	
7.17-1.el6	UMD-3-updates		47 k
globus-gsi-callback		x86_64	
5.6-1.el6	UMD-3-updates		39 k
globus-gsi-cert-utils		x86_64	
9.10-1.el6	UMD-3-updates		20 k
globus-gsi-credential		x86_64	
7.7-1.el6	UMD-3-updates		34 k
globus-gsi-openssl-error		x86_64	
3.5-1.el6	UMD-3-updates		17 k
globus-gsi-proxy-core		x86_64	
7.7-1.el6	UMD-3-updates		33 k
globus-gsi-proxy-ssl		x86_64	
5.7-1.el6	UMD-3-updates		18 k
globus-gsi-sysconfig		x86_64	
6.8-1.el6	UMD-3-updates		28 k
globus-gss-assist		x86_64	
10.13-1.el6	UMD-3-updates		33 k
globus-gssapi-error		x86_64	
5.4-1.el6	UMD-3-updates		15 k
globus-gssapi-gsi		x86_64	
11.14-1.el6	UMD-3-updates		57 k
globus-io		x86_64	
11.2-1.el6	UMD-3-updates		40 k

globus-openssl-module		x86_64	
4.6-1.el6	UMD-3-updates		15 k
globus-proxy-utils		x86_64	
6.9-1.el6	UMD-3-updates		42 k
globus-rsl		x86_64	
10.9-1.el6	UMD-3-updates		31 k
globus-usage		x86_64	
4.4-1.el6	UMD-3-updates		17 k
globus-xio		x86_64	
4.17-1.el6	UMD-3-updates		161 k
globus-xio-gsi-driver		x86_64	
3.6-1.el6	UMD-3-updates		34 k
globus-xio-pipe-driver		x86_64	
3.7-1.el6	UMD-3-updates		16 k
voms		x86_64	
2.0.12-2.el6	UMD-3-updates		137 k
Instalando para las dependencias:			
voms-clients		x86_64	
2.0.12-2.el6	UMD-3-updates		107 k
Actualizando para las dependencias:			
myproxy-libs		x86_64	
6.1.10-1.el6	UMD-3-updates		124 k

Resumen de la transacción

```
=====
=====
==
Instalar      2 Paquete(s)
Actualizar    39 Paquete(s)
[.....]
}}}
```

=== Configuring the WMS + LB (OK) ===

```
{
[root@test22 ~]# /etc/init.d/gLite stop
*** glite-lb-bkserverd:
Shutting down glite-lb-bkserverd:                [ OK ]

*** glite-lb-locallogger:
Stopping glite-lb-logd ... done
Stopping glite-lb-interlogd ... done

*** glite-lb-notif-interlogd:
Shutting down glite-lb-notif-interlogd:          [ OK ]

*** glite-lb-proxy-interlogd:
Shutting down glite-lb-proxy-interlogd:          [ OK ]

*** glite-proxy-renewald:
Stopping ProxyRenewal Daemon: glite-proxy-renewd ... done

*** glite-wms-ice:
stopping ICE... ok

*** glite-wms-jc:
Stopping JobController daemon(s)
  Stopping JobController...                        [ OK ]
A stale lock file still exists, removing it..    [ OK ]
  Stopping CondorG...                              [ OK ]
```

```

*** glite-wms-lm:
Stopping LogMonitor... [ OK ]
A stale lock file still exists, removing it.. [ OK ]

*** glite-wms-wm:
stopping workload manager... ok

*** glite-wms-wmproxy:
Stopping /usr/bin/glite_wms_wmproxy_server... ok

*** globus-gridftp:
Parando globus-gridftp-server: [ OK ]

[root@test22 ~]# /opt/glite/yaim/bin/yaim -c -s
/opt/glite/yaim/etc/site-info.def -n WMS -n LB
[.....]
INFO: YAIM terminated succesfully.
}}

=== Testing ===

==== Checking the main daemons on the WMS service(OK) ====
{{{
[root@test22 ~]# /etc/init.d/gLite status
*** globus-gridftp:
Se está ejecutando globus-gridftp-server (pid 1395)...

*** glite-wms-wmproxy:
/usr/bin/glite_wms_wmproxy_server is running...

*** glite-wms-wm:
/usr/bin/glite-wms-workload_manager (pid 1429) is running...

*** glite-wms-lm:
Logmonitor running...

*** glite-wms-jc:
JobController running in pid: 1633
CondorG master running in pid: 1642
CondorG schedd running in pid: 1713

*** glite-wms-ice:
/usr/bin/glite-wms-ice-safe (pid 1545) is running...

*** glite-proxy-renewald:
glite-proxy-renewd running

*** glite-lb-proxy-interlogd:
Se está ejecutando glite-lb-proxy-interlogd (pid 1966)...

*** glite-lb-notif-interlogd:
Se está ejecutando glite-lb-notif-interlogd (pid 1989)...

*** glite-lb-locallogger:
glite-lb-logd running as 2030
glite-lb-interlogd running as 2058

*** glite-lb-bkserverd:
Se está ejecutando glite-lb-bkserverd (pid 2111 2110 2105 2104 2102
2101 2095 2094 2093 2092 2089)...

```



```
}}}
```

```
== job submission (OK) ==
```

```
{
```

```
[rdiez@test13 ~]$ voms-proxy-init --voms ops:/ops/Role=lcgadmin
```

```
Enter GRID pass phrase for this identity:
```

```
Contacting voms2.cern.ch:15009
```

```
[/DC=ch/DC=cern/OU=computers/CN=voms2.cern.ch] "ops"...
```

```
Remote VOMS server contacted succesfully.
```

```
Created proxy in /tmp/x509up_u514.
```

```
Your proxy is valid until Tue Feb 10 22:01:22 CET 2015
```

```
[rdiez@test13 ~]$ voms-proxy-info
```

```
subject : /DC=es/DC=irisgrid/O=cesga/CN=Robot - Ibergrid SAM
```

```
NagiosUser managed by Esteban Freire Garcia/CN=proxy
```

```
issuer : /DC=es/DC=irisgrid/O=cesga/CN=Robot - Ibergrid SAM
```

```
NagiosUser managed by Esteban Freire Garcia
```

```
identity : /DC=es/DC=irisgrid/O=cesga/CN=Robot - Ibergrid SAM
```

```
NagiosUser managed by Esteban Freire Garcia
```

```
type : full legacy globus proxy
```

```
strength : 1024
```

```
path : /tmp/x509up_u514
```

```
timeleft : 11:59:37
```

```
key usage : Digital Signature, Key Encipherment
```

```
[rdiez@test13 ~]$ glite-wms-job-submit -a -o test.job check_bug.jdl
```

```
Connecting to the service
```

```
https://test22.egi.cesga.es:7443/glite_wms_wmproxy_server
```

```
===== glite-wms-job-submit Success
```

```
=====
```

```
The job has been successfully submitted to the WMPProxy
```

```
Your job identifier is:
```

```
https://test22.egi.cesga.es:9000/yx2EtQohJFVOW2af8-hAZw
```

```
The job identifier has been saved in the following file:
```

```
/home/rdiez/test.job
```

```
=====
```

```
[rdiez@test13 ~]$ glite-wms-job-status -i test.job
```

```
https://test22.egi.cesga.es:9000/yx2EtQohJFVOW2af8-hAZw
```

```
===== glite-wms-job-status Success
```

```
=====
```

```
BOOKKEEPING INFORMATION:
```

```
Status info for the Job :
```

```
https://test22.egi.cesga.es:9000/yx2EtQohJFVOW2af8-hAZw
```

```
Current Status: Running
```

```
Status Reason: unavailable
```

Destination: test06.egi.cesga.es:8443/cream-pbs-GRID_ops
Submitted: Tue Feb 10 10:03:25 2015 CET
=====
====
}}}

== Trying to cancel a job (OK) ==
{{{
[rdiez@test13 ~]\$ glite-wms-job-submit -a -o test.job check_bug.jdl

Connecting to the service
https://test22.egi.cesga.es:7443/glite_wms_wmproxy_server

=====
===== glite-wms-job-submit Success
=====

The job has been successfully submitted to the WMPProxy
Your job identifier is:

https://test22.egi.cesga.es:9000/jy8Ydw-37eNW0V9BX857Hw

The job identifier has been saved in the following file:
/home/rdiez/test.job

=====
=====

[rdiez@test13 ~]\$ glite-wms-job-cancel -i test.job

1 : https://test22.egi.cesga.es:9000/rYZSZFDvsoI3Hrf3SZ82rQ
2 : https://test22.egi.cesga.es:9000/pAt5eIenTSNm2xFr6pkXMw
3 : https://test22.egi.cesga.es:9000/yx2EtQohJFVOW2af8-hAZw
4 : https://test22.egi.cesga.es:9000/jy8Ydw-37eNW0V9BX857Hw
a : all
q : quit

Choose one or more jobId(s) in the list - [1-4]all (use , as separator
or - for a range): 4

Are you sure you want to remove specified job(s) [y/n]y : y

Connecting to the service
https://test22.egi.cesga.es:7443/glite_wms_wmproxy_server

=====
===== glite-wms-job-cancel Success
=====

The cancellation request has been successfully submitted for the
following job(s):

- https://test22.egi.cesga.es:9000/jy8Ydw-37eNW0V9BX857Hw

=====
=====
}}}

== trying a RFC proxy ==

```
{}  
[rdiez@test13 ~]$ voms-proxy-init -rfc --voms ops:/ops/Role=lcgadmin  
Enter GRID pass phrase for this identity:  
Contacting voms2.cern.ch:15009  
[/DC=ch/DC=cern/OU=computers/CN=voms2.cern.ch] "ops"...  
Remote VOMS server contacted succesfully.
```

Created proxy in /tmp/x509up_u514.

Your proxy is valid until Tue Feb 10 22:20:53 CET 2015

```
[rdiez@test13 ~]$ voms-proxy-info  
subject   : /DC=es/DC=irisgrid/O=cesga/CN=Robot - Ibergrid SAM  
NagiosUser managed by Esteban Freire Garcia/CN=815848582  
issuer    : /DC=es/DC=irisgrid/O=cesga/CN=Robot - Ibergrid SAM  
NagiosUser managed by Esteban Freire Garcia  
identity  : /DC=es/DC=irisgrid/O=cesga/CN=Robot - Ibergrid SAM  
NagiosUser managed by Esteban Freire Garcia  
type      : RFC3820 compliant impersonation proxy  
strength  : 1024  
path      : /tmp/x509up_u514  
timeleft  : 11:59:36  
key usage : Digital Signature, Key Encipherment  
}}}
```

== job submission (OK) ==

```
{}  
[rdiez@test13 ~]$ rm -rf test.job
```

```
[rdiez@test13 ~]$ glite-wms-job-submit -a -o test.job check_bug.jdl
```

Connecting to the service
https://test22.egi.cesga.es:7443/glite_wms_wmproxy_server

```
==== glite-wms-job-submit Success  
=====
```

The job has been successfully submitted to the WMPProxy
Your job identifier is:

<https://test22.egi.cesga.es:9000/a-846MYzN5TtDlGzg96mBw>

The job identifier has been saved in the following file:
/home/rdiez/test.job

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

```
[rdiez@test13 ~]$ glite-wms-job-status -i test.job
```

```
==== glite-wms-job-status Success  
=====
```

BOOKKEEPING INFORMATION:

Status info for the Job : <https://test22.egi.cesga.es:9000/a-846MYzN5TtDlGzg96mBw>
Current Status: Running

Status Reason: unavailable
Destination: test06.egi.cesga.es:8443/cream-pbs-GRID_ops
Submitted: Tue Feb 10 10:23:00 2015 CET
=====

==== Checking ldap (OK) ====

```
{}  
[rdiez@test13 ~]$ ldapsearch -x -H ldap://test22.egi.cesga.es:2170 -b  
o=grid  
[..... (OK)]
```

```
[rdiez@test13 ~]$ glue-validator -g egi-glue2 -H test22.egi.cesga.es  
-p 2170 -b o=glue -s egi-profile -n -v 3 --exclude-known-issues  
--nagios  
OK - errors 0, warnings 0, info 0 | errors=0;warnings=0;info=0  
}}
```

== Passing nagios tests OK (Nagios server is already running a SHA-2
robot certificate) ==

```
{}  
https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?  
host=test22.egi.cesga.es  
https://test23.egi.cesga.es/nagios/cgi-bin/status.cgi?  
host=test06.egi.cesga.es  
}}
```

== World writable files (OK) ==

```
{}  
[root@test22 ~]# find / -xdev -type f -perm -002 -exec ls -l {} \;  
  
[root@test22 ~]# rpm -qalv | egrep "^[-d]([-r][-w][-xs]){2}[-r]w"  
drwxrwxrwt    2 root     root                    0 jul 20  2011  
/tmp  
drwxrwxrwt    2 root     root                    0 jul 20  2011  
/var/tmp  
}}
```

New Features/Fixed Bugs

None.

Additional Info

None.