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WMS v. 3.4 (SL5) test report

Summary

- Component: **WMS 3.4**
- Savannah task: 21060
- ETICS Subsystem Configuration Name: **emi-wms_R_3_4_0_7**
- VCS Tag:
- EMI Major Release: **EMI 2 (K Matterhorn)**
- Platform: **SL5/x86_64 + EPEL**
- Outcome: **Certified**

Deployment Tests

Clean installation - PASSED

- Starting from a SL5 x86_64 kernel machine:

```
[root@cert-13 ~]# cat /etc/redhat-release
Scientific Linux SL release 5.8 (Boron)
[root@cert13 ~]# uname -a
Linux cert-13.cnaf.infn.it 2.6.18-308.13.1.el5
```

```
INSTALL LOG : * 20120831_151144_WMS3.4_SL5_EMI2INSTALL.log:
20120831_151144_WMS3.4_SL5_EMI2INSTALL.log
```

COMMAND SEQUENCE:

```
wget http://emisoft.web.cern.ch/emisoft/dist/EMI/2/RPM-GPG-KEY-emi -P /etc/pki/rpm-gpg/
yum -y install yum-protectbase
yum -y install yum-priorities
rpm -ivh http://emisoft.web.cern.ch/emisoft/dist/EMI/2/sl5/x86_64/base/emi-release-2.0.0-1.sl5.no
wget --no-check-certificate http://emisoft.web.cern.ch/emisoft/dist/EMI/certification/repos/emi2-
yum clean all
yum makecache
yum -y install emi-release
yum -y install yum-protectbase
yum -y install yum-priorities
yum -y install ca-policy-egi-core
yum -y install emi-wms
yum -y install condor-emi
/opt/glite/yaim/bin/yaim -v -s site-info.def -n WMS -n LB
/opt/glite/yaim/bin/yaim -c -d 6 -s site-info.def -n WMS -n LB
chown root:root /var /var/log
source /usr/libexec/grid-env.sh; /usr/sbin/glite-wms-create-proxy.sh /var/glite/wms.proxy /var/lo
rpm -qa |grep emi |sort
service gLite stop
service gLite start
service gLite status
```

Update Installation - PASSED

- Starting from a production version, repo available at http://emisoft.web.cern.ch/emisoft/dist/EMI/1/sl5/x86_64/updates/emi-release-1.0.1-1.sl5.noarch.rpm

INSTALL LOG : * 20120903_180452_TEST_EMI1TOEMI2UPDATE.log:
20120903_180452_TEST_EMI1TOEMI2UPDATE.log

COMMAND SEQUENCE:

```
wget http://emisoft.web.cern.ch/emisoft/dist/EMI/1/RPM-GPG-KEY-emi -P /etc/pki/rpm-gpg/
yum -y install yum-protectbase
yum -y install yum-priorities
rpm -ivh http://emisoft.web.cern.ch/emisoft/dist/EMI/1/sl5/x86_64/base/emi-release-1.0.0-1.sl5.noarch.rpm
yum clean all
yum makecache
yum -y install emi-release
yum -y install yum-protectbase
yum -y install yum-priorities
yum -y install ca-policy-egi-core
yum -y install emi-wms
/opt/glite/yaim/bin/yaim -v -s site-info.def -n WMS -n LB
/opt/glite/yaim/bin/yaim -c -d 6 -s site-info.def -n WMS -n LB
rpm -qa |grep emi
rpm -qa |grep wms
service gLite restart
rpm -e emi-release
rpm -ivh http://emisoft.web.cern.ch/emisoft/dist/EMI/2/sl5/x86_64/base/emi-release-2.0.0-1.sl5.noarch.rpm
wget --no-check-certificate http://emisoft.web.cern.ch/emisoft/dist/EMI/certification/repos/emi2-1.0.0-1.sl5.noarch.rpm
yum clean all
yum makecache
yum -y remove condor condor-lcg
yum -y install condor-emi
yum -y update
rpm -qa |grep emi
rpm -qa |grep wms
chown root:root /var /var/log
source /usr/libexec/grid-env.sh; /usr/sbin/glite-wms-create-proxy.sh /var/glite/wms.proxy /var/log
/opt/glite/yaim/bin/yaim -v -s site-info.def -n WMS -n LB
/opt/glite/yaim/bin/yaim -c -d 6 -s site-info.def -n WMS -n LB
service gLite restart
chmod a+r /etc/nsswitch.conf
/sbin/restorecon /etc/nsswitch.conf
/etc/init.d/glite-wms-wmproxy restart
```

Unit Tests - PASSED

- Report available at: EMS 3.4 unit tests

Basic Functionality tests

Submission

Normal - PASSED

```
[dongiovanni@emitestbed08 ~]$ glite-wms-job-status https://cert-13.cnaf.infn.it:9000/bJ-1NLTGcc3
===== glite-wms-job-status Success =====
BOOKKEEPING INFORMATION:
Status info for the Job : https://cert-13.cnaf.infn.it:9000/bJ-1NLTGcc3OjUldvbhZrg
Current Status:      Done (Success)
```

WMSTask21060SL5 < IGIRelease < TWiki

```
Exit code:          0
Status Reason:     Job Terminated Successfully
Destination:       ctb04.gridctb.uoa.gr:8443/cream-pbs-emitesters
Submitted:         Fri Aug 31 15:51:39 2012 CEST
=====
```

SUBMISSION TESTSUITE: * WMSService-TS_20120831163229.log: WMSService-TS_20120831163229.log

```
[dongiovanni@cert-17 WMS-service]$ python WMS-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -
===> ++++++
===> + TestSuite of the WMS Service
===> + Description: Test a complete job cycle: from submission to get output
===> ++++++
Enter the user proxy password:
  Set 1: Submit a normal job (3 cases LCG-CE, CREAM, general)
  Test 1A: Submit to an LCG-CE
  Test 1B: Submit to a CREAM CE
  Test 1C: Submit without restrictions
===>
===> Test: WMS-job-cycle.py
===> WMS: cert-13.cnaf.infn.it
===> Started: 16:32:29
===> Ended   : 16:57:23
===>
===>     === test PASSED ===
===>
===> Test log file is WMSService-TS_20120831163229.log
```

Normal on EMI1->EMI2 UPDATE Installation - PASSED

```
[dongiovanni@cert-17 ~]$ glite-wms-job-status https://cert-13.cnaf.infn.it:9000/4dapc9K3V1IWpGjjd
===== glite-wms-job-status Success =====
BOOKKEEPING INFORMATION:
Status info for the Job : https://cert-13.cnaf.infn.it:9000/4dapc9K3V1IWpGjjdREq2w
Current Status:         Scheduled
Status Reason:          unavailable
Destination:            ctb04.gridctb.uoa.gr:8443/cream-pbs-emitesters
Submitted:               Tue Sep  4 12:06:01 2012 CEST
=====
```

SUBMISSION TESTSUITE: * WMSService-TS_20120904121133.log: WMSService-TS_20120904121133.log

```
[dongiovanni@cert-17 WMS-service]$ python WMS-job-cycle.py -c wms-command.conf -V testers.eu-emi.
===> ++++++
===> + TestSuite of the WMS Service
===> + Description: Test a complete job cycle: from submission to get output
===> ++++++
Enter the user proxy password:
  Set 1: Submit a normal job (3 cases LCG-CE, CREAM, general)
  Test 1A: Submit to an LCG-CE
  Test 1B: Submit to a CREAM CE
  Test 1C: Submit without restrictions
===> ERROR: Command glite-wms-job-status --verbosity 0 https://cert-13.cnaf.infn.it:9000/8TrsHieq
Error while calling the "Job:getStatus" native api
Unable to retrieve the status for: https://cert-13.cnaf.infn.it:9000/8TrsHieqXolukD1Aaw9S2A
glite.lb.Exception: edg_wll_JobStatus: Connection refused: edg_wll_gss_connect()
      at glite::lb::Job::status[./src/Job.cpp:87]
===>
===> Test: WMS-job-cycle.py
===> WMS: cert-13.cnaf.infn.it
===> Started: 12:11:33
```

Normal - PASSED

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```
====> Ended   : 12:58:05
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120904121133.log
```

Proxy Mode - PASSED

SUBMISSION TESTLOG: * WMSService-TS_20120903160648.log:
WMSService-TS_20120903160648.log

```
[dongiovanni@cert-17 WMS-service]$ python WMS-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -
====> ++++++
====> + TestSuite of the WMS Service
====> + Description: Test a complete job cycle: from submission to get output
====> ++++++
Enter the user proxy password:
  Set 1: Submit a normal job (3 cases LCG-CE, CREAM, general)
  Test 1A: Submit to an LCG-CE
  Test 1B: Submit to a CREAM CE
  Test 1C: Submit without restrictions
====>
====> Test: WMS-job-cycle.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 16:06:48
====> Ended   : 16:33:44
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120903160648.log
```

ARC CE - PASSED

Job submitted on a production CE using the cms VO. During this test the following misbehavior was found:
https://ggus.eu/tech/ticket_show.php?ticket=86094

```
[capannini@cert-17 ~]$ lcg-infosites --is egee-bdii.cnaf.infn.it --vo cms ce |grep arc
   68      0      10      2      10  arc.univ.kiev.ua:2811/nordugrid-torque-arc
  768      0     909     600     309  gsiftp://jade-cms.hip.fi:2811/jobs?queue=arc

[cristofori@ui ~]$ glite-wms-job-submit -o test_Fabio.txt -e https://cert-13.cnaf.infn.it:7443/glite-wms-wmproxy_server

Connecting to the service https://cert-13.cnaf.infn.it:7443/glite-wms-wmproxy_server

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

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

https://cert-13.cnaf.infn.it:9000/oyYzAY91Vqdmng7K3sFgNA

The job identifier has been saved in the following file:
/home/GUEST/cristofori/test_Fabio.txt

=====

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

Status info for the Job : https://cert-13.cnaf.infn.it:9000/oyYzAY91Vqdmng7K3sFgNA
```

Normal on EMI1->EMI2 UPDATE Installation - PASSED

WMSTask21060SL5 < IGIRelease < TWiki

```
Current Status:      Done (Success)
Exit code:          0
Status Reason:      Job terminated successfully
Destination:        jade-cms.hip.fi:2811/nordugrid-GE-arc
Submitted:          Fri Sep  7 14:37:30 2012 CEST
=====
```

```
[cristofori@ui ~]$ glite-wms-job-output https://cert-13.cnaf.infn.it:9000/oyYzAY91Vqdmng7K3sFgNA
```

```
Connecting to the service https://cert-13.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

```
=====
JOB GET OUTPUT OUTCOME
```

```
Output sandbox files for the job:
https://cert-13.cnaf.infn.it:9000/oyYzAY91Vqdmng7K3sFgNA
have been successfully retrieved and stored in the directory:
/tmp/jobOutput/cristofori_oyYzAY91Vqdmng7K3sFgNA
=====
```

```
[cristofori@ui ~]$ cat /tmp/jobOutput/cristofori_oyYzAY91Vqdmng7K3sFgNA/stdout.log
cmsuser07
```

```
[cristofori@ui ~]$ cat /tmp/jobOutput/cristofori_oyYzAY91Vqdmng7K3sFgNA/stderr.log
```

```
==> Test PASSED
```

Known ISSUE - the submit to an ARC 12.05 (EMI2 ARC) fails, for problems related to ARC. Please refer to: task #27452

Failure log:

```
[capannini@cert-17 ~]$ glite-wms-job-status https://cert-13.cnaf.infn.it:9000/ca724leNG1NAVyOly1ryMw
```

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

```
Status info for the Job : https://cert-13.cnaf.infn.it:9000/ca724leNG1NAVyOly1ryMw
```

```
Current Status:      Aborted
```

```
Logged Reason(s):
```

- Got a job held event, reason: Unspecified gridmanager error
- Got a job held event, reason: Unspecified gridmanager error
- Job got an error while in the CondorG queue.
- Got a job held event, reason: Failed to parse job id
- Got a job held event, reason: Failed to parse job id
- Job got an error while in the CondorG queue.
- Got a job held event, reason: Failed to parse job id
- Got a job held event, reason: Failed to parse job id
- Job got an error while in the CondorG queue.
- Got a job held event, reason: Failed to parse job id
- Got a job held event, reason: Failed to parse job id
- Job got an error while in the CondorG queue.

```
Status Reason:      hit job shallow retry count (3)
```

```
Destination:        pgs03.grid.upjs.sk:2811/nordugrid-torque-gridlong
```

```
Submitted:          Wed Sep 19 10:25:27 2012 CEST
=====
```


Jdl attributes - PASSED

Some of the tests failed at first submission so they have been repeated until successful execution.

Define the following variables in wms-command.conf:

```
# For Jdl attributes tests
SE=gridsrm.pi.infn.it
LFC=prod-lfc-shared-central.cern.ch
ISB_DEST_HOSTNAME=emi-demoll.cnaf.infn.it
ISB_DEST_USERNAME=root
ISB_DEST_PASSWORD=***
OSB_DEST_HOSTNAME=emi-demoll.cnaf.infn.it
OSB_DEST_USERNAME=root
OSB_DEST_PASSWORD=***
```

```
[capannini@cert-17 WMS-service]$ python WMS-jdl-attributes-job-cycle.py -c wms-command.conf -V dt
==> ++++++
==> + TestSuite of the WMS Service
==> + Description: Test a complete job cycle for normal job with non default jdl files
==> ++++++
```

Enter the user proxy password:

Test 1: Jdl with AllowZippedISB

Test 2: Jdl with ExpiryTime

Test 4: Jdl with DataRequirements

Submit to CREAM CE

Submit to LCG CE

Test 5: Jdl with InputSandboxBaseURI

Submit to CREAM CE

Submit to LCG CE

Test 6: Jdl with OutputSandboxBaseDestURI

Please set the required variables for OSB node in test's configuration file

Test 7: Jdl with OutputSandboxDestURI

Please set the required variables for OSB node in test's configuration file

```
[capannini@cert-17 WMS-service]$ python WMS-jdl-attributes-job-cycle.py -c wms-command.conf -V dt
==> ++++++
==> + TestSuite of the WMS Service
==> + Description: Test a complete job cycle for normal job with non default jdl files
==> ++++++
```

Enter the user proxy password:

Jdl attributes - PASSED

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Test 6: Jdl with OutputSandboxBaseDestURI

Submit to CREAM CE

Submit to LCG CE

Test 7: Jdl with OutputSandboxDestURI

Submit to CREAM CE

====> ERROR: Job finishes with status: Aborted cannot retrieve output

```
[capannini@cert-17 WMS-service]$ python WMS-jdl-attributes-job-cycle.py -c wms-command.conf -V dt
====> + TestSuite of the WMS Service
====> + Description: Test a complete job cycle for normal job with non default jdl files
====> + TestSuite of the WMS Service
```

Enter the user proxy password:

Test 7: Jdl with OutputSandboxDestURI

Submit to CREAM CE

Submit to LCG CE

```
====>
====> Test: WMS-jdl-attributes-job-cycle.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 12:07:57
====> Ended : 12:28:46
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120907120757.log
```

- jdl.tgz: jdl.tgz

Collection

Bulk submission - PASSED

```
[capannini@cert-17 WMS-service]$ python WMS-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -t
====> + TestSuite of the WMS Service
====> + Description: Test a complete job cycle: from submission to get output
====> + TestSuite of the WMS Service
```

Enter the user proxy password:

Set 2: Submit a bulk of jobs (3 cases LCG-CE, CREAM, general)

Test 2A: Submit to an LCG-CE

Test 2B: Submit to a CREAM CE

Collection

WMSTask21060SL5 < IGIRelease < TWiki

Test 2C: Submit without restrictions

```
====>
====> Test: WMS-job-cycle.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 14:26:13
====> Ended   : 15:35:35
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120907142613.log
```

```
[capannini@cert-17 WMS-service]$ python WMS-job-cycle.py -c wms-command.conf -V testers.eu-emi.eu
====> ++++++
====> + TestSuite of the WMS Service
====> + Description: Test a complete job cycle: from submission to get output
====> ++++++
```

Enter the user proxy password:

Set 2: Submit a bulk of jobs (3 cases LCG-CE, CREAM, general)

Test 2A: Submit to an LCG-CE

Test 2B: Submit to a CREAM CE

Test 2C: Submit without restrictions

```
====>
====> Test: WMS-job-cycle.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 14:26:31
====> Ended   : 15:06:12
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120907142631.log
```

```
[capannini@cert-17 WMS-service]$ myproxy-init -d
Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
Enter GRID pass phrase for this identity:
Creating proxy .....
Proxy Verify OK
Your proxy is valid until: Fri Sep 14 12:29:57 2012
Enter MyProxy pass phrase:
Verifying - Enter MyProxy pass phrase:
A proxy valid for 168 hours (7.0 days) for user /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
[capannini@cert-17 WMS-service]$ myproxy-logon -d --voms dteam
Enter MyProxy pass phrase:
Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=proxy
Contacting voms.hellasgrid.gr:15004 [/C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms.hellasgrid.gr]
Creating proxy ..... Done
```

```
Your proxy is valid until Fri Sep 7 23:30:28 2012
A credential has been received for user /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
[capannini@cert-17 WMS-service]$ voms-proxy-info -all
subject   : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=proxy
issuer    : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=proxy
identity  : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=proxy
type      : proxy
strength  : 2048 bits
path      : /tmp/x509up_u504
timeleft  : 10:59:51
key usage : Digital Signature, Key Encipherment, Data Encipherment
```

Bulk submission - PASSED

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=== VO dteam extension information ===

```
VO      : dteam
subject : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
issuer  : /C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms.hellasgrid.gr
attribute : /dteam/Role=NULL/Capability=NULL
attribute : /dteam/NGI_IT/Role=NULL/Capability=NULL
timeleft : 11:58:50
uri     : voms.hellasgrid.gr:15004
```

```
[capannini@cert-17 WMS-service]$ python WMS-job-cycle.py -c wms-command.conf -d 3 -l -t 2
```

```
====> + TestSuite of the WMS Service
====> + Description: Test a complete job cycle: from submission to get output
====> + TestSuite of the WMS Service
```

Set 2: Submit a bulk of jobs (3 cases LCG-CE, CREAM, general)

Test 2A: Submit to an LCG-CE

Test 2B: Submit to a CREAM CE

Test 2C: Submit without restrictions

```
====>
====> Test: WMS-job-cycle.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 12:30:53
====> Ended   : 13:18:02
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120907123053.log
```

• coll.tgz: coll.tgz

All in a jdl - PASSED

```
[capannini@cert-17 WMS-service]$ python WMS-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -t
====> + TestSuite of the WMS Service
====> + Description: Test a complete job cycle: from submission to get output
====> + TestSuite of the WMS Service
```

Enter the user proxy password:

Set 7: Submit a bulk of jobs (3 cases LCG-CE, CREAM, general) using a single jdl with all the jdl

Test 7A: Submit to an LCG-CE

Test 7B: Submit to a CREAM CE

Test 7C: Submit without restrictions

```
====>
====> Test: WMS-job-cycle.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 14:08:24
====> Ended   : 14:47:11
====>
====>      === test PASSED ===
====>
```

All in a jdl - PASSED

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==> Test log file is WMSService-TS_20120910140824.log

```
[capannini@cert-17 WMS-service]$ python WMS-job-cycle.py -c wms-command.conf -V testers.eu-emi.eu
```

==> ++++++

==> + TestSuite of the WMS Service

==> + Description: Test a complete job cycle: from submission to get output

==> ++++++

Enter the user proxy password:

Set 7: Submit a bulk of jobs (3 cases LCG-CE, CREAM, general) using a single jdl with al the jdl

Test 7A: Submit to an LCG-CE

Test 7B: Submit to a CREAM CE

Test 7C: Submit without restrictions

==>

==> Test: WMS-job-cycle.py

==> WMS: cert-13.cnaf.infn.it

==> Started: 14:08:06

==> Ended : 14:46:54

==>

==> === test PASSED ===

==>

==> Test log file is WMSService-TS_20120910140806.log

```
[capannini@cert-17 WMS-service]$ voms-proxy-init --voms dteam
```

Enter GRID pass phrase:

Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini

Creating temporary proxy Done

Contacting voms.hellasgrid.gr:15004 [/C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms.hellasgrid.gr]

Creating proxy Done

Your proxy is valid until Mon Sep 10 22:27:11 2012

```
[capannini@cert-17 WMS-service]$
```

```
[capannini@cert-17 WMS-service]$
```

```
[capannini@cert-17 WMS-service]$ myproxy-init -d
```

Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini

Enter GRID pass phrase for this identity:

Creating proxy

Proxy Verify OK

Your proxy is valid until: Mon Sep 17 10:27:21 2012

Enter MyProxy pass phrase:

Verifying - Enter MyProxy pass phrase:

A proxy valid for 168 hours (7.0 days) for user /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini

```
[capannini@cert-17 WMS-service]$
```

```
[capannini@cert-17 WMS-service]$
```

```
[capannini@cert-17 WMS-service]$ myproxy-logon -d --voms dteam
```

Enter MyProxy pass phrase:

Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=proxy

Contacting voms2.hellasgrid.gr:15004 [/C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms2.hellasgrid.gr]

Creating proxy Done

Your proxy is valid until Mon Sep 10 21:27:40 2012

A credential has been received for user /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini

```
[capannini@cert-17 WMS-service]$ voms-proxy-info -all
```

subject : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=proxy

issuer : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=proxy

identity : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=proxy

type : proxy

strength : 2048 bits

path : /tmp/x509up_u504

All in a jdl - PASSED

10

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```
timeleft : 10:59:53
key usage : Digital Signature, Key Encipherment, Data Encipherment
=== VO dteam extension information ===
VO : dteam
subject : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
issuer : /C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms2.hellasgrid.gr
attribute : /dteam/Role=NULL/Capability=NULL
attribute : /dteam/NGI_IT/Role=NULL/Capability=NULL
timeleft : 11:58:53
uri : voms2.hellasgrid.gr:15004
```

```
[capannini@cert-17 WMS-service]$ python WMS-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -t
===> + TestSuite of the WMS Service
===> + Description: Test a complete job cycle: from submission to get output
===> + TestSuite of the WMS Service
===> + Description: Test a complete job cycle: from submission to get output
```

Set 7: Submit a bulk of jobs (3 cases LCG-CE, CREAM, general) using a single jdl with all the jdl

Test 7A: Submit to an LCG-CE

Test 7B: Submit to a CREAM CE

Test 7C: Submit without restrictions

```
===>
===> Test: WMS-job-cycle.py
===> WMS: cert-13.cnaf.infn.it
===> Started: 14:10:16
===> Ended : 14:47:00
===>
===> === test PASSED ===
===>
===> Test log file is WMSservice-TS_20120910141016.log
```

* all.tgz: all.tgz

Parametric job - PASSED

```
[capannini@cert-17 WMS-service]$ python WMS-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -t
===> + TestSuite of the WMS Service
===> + Description: Test a complete job cycle: from submission to get output
===> + TestSuite of the WMS Service
===> + Description: Test a complete job cycle: from submission to get output
```

Enter the user proxy password:

Set 3: Submit a parametric job (3 cases LCG-CE, CREAM, general)

Test 3A: Submit to an LCG-CE

Test 3B: Submit to a CREAM CE

Test 3C: Submit without restrictions

```
===>
===> Test: WMS-job-cycle.py
===> WMS: cert-13.cnaf.infn.it
===> Started: 10:39:18
===> Ended : 11:11:43
```

Parametric job - PASSED

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```
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120911103918.log

[capannini@cert-17 WMS-service]$ python WMS-job-cycle.py -c wms-command.conf -V testers.eu-emi.eu
====> ++++++
====> + TestSuite of the WMS Service
====> + Description: Test a complete job cycle: from submission to get output
====> ++++++

Enter the user proxy password:

Set 3: Submit a parametric job (3 cases LCG-CE, CREAM, general)

Test 3A: Submit to an LCG-CE

Test 3B: Submit to a CREAM CE

Test 3C: Submit without restrictions

====>
====> Test: WMS-job-cycle.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 10:39:38
====> Ended   : 11:11:36
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120911103938.log

[capannini@cert-17 WMS-service]$ voms-proxy-init --voms dteam
Enter GRID pass phrase:
Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
Creating temporary proxy .....
Contacting voms.hellasgrid.gr:15004 [/C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms.hellasgrid.gr]
Creating proxy ..... Done

Your proxy is valid until Tue Sep 11 22:40:17 2012
[capannini@cert-17 WMS-service]$
[capannini@cert-17 WMS-service]$
[capannini@cert-17 WMS-service]$ myproxy-init -d
Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
Enter GRID pass phrase for this identity:
Creating proxy ..... Done
Proxy Verify OK
Your proxy is valid until: Tue Sep 18 10:40:27 2012
Enter MyProxy pass phrase:
Verifying - Enter MyProxy pass phrase:
A proxy valid for 168 hours (7.0 days) for user /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
[capannini@cert-17 WMS-service]$
[capannini@cert-17 WMS-service]$
[capannini@cert-17 WMS-service]$ myproxy-logon -d --voms dteam
Enter MyProxy pass phrase:
Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=proxy
Contacting voms2.hellasgrid.gr:15004 [/C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms2.hellasgrid.gr]
Creating proxy .....

Your proxy is valid until Tue Sep 11 21:40:58 2012
A credential has been received for user /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
[capannini@cert-17 WMS-service]$
[capannini@cert-17 WMS-service]$
[capannini@cert-17 WMS-service]$ voms-proxy-info -all
subject   : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=proxy
```

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```
issuer      : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=p
identity    : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=p
type        : proxy
strength    : 2048 bits
path        : /tmp/x509up_u504
timeleft    : 10:59:02
key usage   : Digital Signature, Key Encipherment, Data Encipherment
=== VO dteam extension information ===
VO          : dteam
subject     : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
issuer      : /C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms2.hellasgrid.gr
attribute   : /dteam/Role=NULL/Capability=NULL
attribute   : /dteam/NGI_IT/Role=NULL/Capability=NULL
timeleft    : 11:58:01
uri         : voms2.hellasgrid.gr:15004
```

```
[capannini@cert-17 WMS-service]$ python WMS-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -t
===> + TestSuite of the WMS Service
===> + Description: Test a complete job cycle: from submission to get output
===> + TestSuite of the WMS Service
```

Set 3: Submit a parametric job (3 cases LCG-CE, CREAM, general)

Test 3A: Submit to an LCG-CE

Test 3B: Submit to a CREAM CE

Test 3C: Submit without restrictions

```
===>
===> Test: WMS-job-cycle.py
===> WMS: cert-13.cnaf.infn.it
===> Started: 10:42:09
===> Ended   : 11:16:07
===>
===>      === test PASSED ===
===>
===> Test log file is WMSService-TS_20120911104209.log
```

- param.tgz: param.tgz

Dag - PASSED

```
[capannini@cert-17 WMS-service]$ python WMS-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -t
===> + TestSuite of the WMS Service
===> + Description: Test a complete job cycle: from submission to get output
===> + TestSuite of the WMS Service
```

Enter the user proxy password:

Set 4: Submit a DAG job

```
===>
===> Test: WMS-job-cycle.py
===> WMS: cert-13.cnaf.infn.it
===> Started: 11:29:46
===> Ended   : 11:40:04
===>
===>      === test PASSED ===
===>
===> Test log file is WMSService-TS_20120911112946.log
```

Dag - PASSED

WMSTask21060SL5 < IGIRelease < TWiki

```
[capannini@cert-17 WMS-service]$ python WMS-job-cycle.py -c wms-command.conf -V testers.eu-emi.eu
====> ++++++
====> + TestSuite of the WMS Service
====> + Description: Test a complete job cycle: from submission to get output
====> ++++++
```

Enter the user proxy password:

Set 4: Submit a DAG job

```
====>
====> Test: WMS-job-cycle.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 11:30:06
====> Ended : 11:40:23
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120911113006.log
```

```
[capannini@cert-17 WMS-service]$ voms-proxy-info -all
subject   : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=proxy
issuer    : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=proxy
identity  : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=proxy
type      : proxy
strength  : 2048 bits
path      : /tmp/x509up_u504
timeleft  : 10:10:30
key usage : Digital Signature, Key Encipherment, Data Encipherment
=== VO dteam extension information ===
VO        : dteam
subject   : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
issuer    : /C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms2.hellasgrid.gr
attribute : /dteam/Role=NULL/Capability=NULL
attribute : /dteam/NGI_IT/Role=NULL/Capability=NULL
timeleft  : 11:09:29
uri       : voms2.hellasgrid.gr:15004
```

```
[capannini@cert-17 WMS-service]$
[capannini@cert-17 WMS-service]$
[capannini@cert-17 WMS-service]$ python WMS-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -t
====> ++++++
====> + TestSuite of the WMS Service
====> + Description: Test a complete job cycle: from submission to get output
====> ++++++
```

Set 4: Submit a DAG job

```
====>
====> Test: WMS-job-cycle.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 11:30:41
====> Ended : 11:40:52
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120911113041.log
```

• dag.tgz: dag.tgz

Parallel job - PASSED

/tmp/tmp.jjFYFp9625 ~/tests/emi/wms

Check user proxy and renew/delegate at CE

Submit parallel job 2 CPUs

Parallel job - PASSED

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```
### Job to be submitted:
Executable = "/usr/bin/mpi-start";
CPUNumber = 2;
Arguments = "-t dummy -- counter.sh cpus 2";
InputSandbox = {"counter.sh"};
OutputSandbox = {"std.out", "std.err"};
StdOutput = "std.out";
StdError = "std.err";
Requirements = member("MPI-START", other.GlueHostApplicationSoftwareRunTimeEnvironment)
               && other.GlueCEInfoJobManager == "pbs";
```

Connecting to the service https://cert-13.cnaf.infn.it:7443/glite_wms_wmproxy_server

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

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

<https://cert-13.cnaf.infn.it:9000/zhlWGdgtJadGI8mL0-mw5w>

The job identifier has been saved in the following file:
/tmp/tmp.jjFYFp9625/jobid

complete log at: [mpi_cert-13.cnaf.infn.it.log](https://cert-13.cnaf.infn.it/log): MPI tests

Forwarding parameters for parallel jobs - PASSED

```
[capannini@cert-17 WMS-service]$ python WMS-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -t
==> ++++++
==> + TestSuite of the WMS Service
==> + Description: Test a complete job cycle: from submission to get output
==> ++++++
```

Enter the user proxy password:

Set 8: Testing forwarding parameters for parallel jobs

Test 8: Case 1

Test 8: Case 2

Test 8: Case 3

Test 8: Case 4

Test 8: Case 5

```
==>
==> Test: WMS-job-cycle.py
==> WMS: cert-13.cnaf.infn.it
==> Started: 15:50:12
==> Ended   : 15:52:26
==>
==>     === test PASSED ===
==>
==> Test log file is WMSservice-TS_20120911155012.log
```

Forwarding parameters for parallel jobs - PASSED

- WMSService-TS_20120911155012.log: WMSService-TS_20120911155012.log

Perusal - FAILED

```
[capannini@cert-17 WMS-service]$ python WMS-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -t
==> ++++++
==> + TestSuite of the WMS Service
==> + Description: Test a complete job cycle: from submission to get output
==> ++++++
```

Enter the user proxy password:

Set 6: Submit a perusal job (2 cases LCG-CE,CREAM)

CASE A: Use LCG CE

```
==> ERROR: Command glite-wms-job-perusal --get -f out.txt --dir /home/capannini/WMS-Test-Suite/W
Connecting to the service https://cert-13.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

```
Error - WMPProxy Server Error
The Operation is not allowed: the job is not started
Error code: SOAP-ENV:Server
```

```
Traceback (most recent call last):
  File "WMS-job-cycle.py", line 734, in ?
    main()
  File "WMS-job-cycle.py", line 709, in main
    if perusal_submit(utils, tests[5]):
  File "WMS-job-cycle.py", line 392, in perusal_submit
    result=perusal_submit_test(utils,"2119/jobmanager")
  File "WMS-job-cycle.py", line 329, in perusal_submit_test
    utils.run_command_continue_on_error ("glite-wms-job-perusal --get -f out.txt --dir %s %s"%(ut
  File "/home/capannini/WMS-Test-Suite/WMS-service/Test_utils.py", line 1183, in run_command_cont
    raise RunCommandError(args,OUTPUT[1])
Exceptions.RunCommandError: '\nConnecting to the service https://cert-13.cnaf.infn.it:7443/glite_
```

Delegation - PASSED

```
[capannini@cert-17 WMS-service]$ python WMS-delegation-test.py -c wms-command.conf -V dteam -d 3
==> ++++++
==> + TestSuite of the WMS Service
==> + Description: Test delegation operation
==> ++++++
```

Enter the user proxy password:

Test 1: Check --autm-delegation option

Test 2: Check --delegationid option

Test 3: Try to delegate with a short proxy and check the validity

Test 4: Works with expired proxy

To run this test you have to set the ROLE attribute for user proxy role at configuration file

```
==>
==> Test: WMS-delegation-test.py
```

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```
====> WMS: cert-13.cnaf.infn.it
====> Started: 09:53:14
====> Ended : 09:54:27
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120912095314.log

[capannini@cert-17 WMS-service]$ python WMS-delegation-test.py -c wms-command.conf -V testers.eu
====> ++++++
====> + TestSuite of the WMS Service
====> + Description: Test delegation operation
====> ++++++

Enter the user proxy password:

Test 1: Check --autm-delegation option

Test 2: Check --delegationid option

Test 3: Try to delegate with a short proxy and check the validity

Test 4: Works with expired proxy

To run this test you have to set the ROLE attribute for user proxy role at configuration file

====>
====> Test: WMS-delegation-test.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 09:53:32
====> Ended : 09:54:44
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120912095332.log

[capannini@cert-17 WMS-service]$ voms-proxy-init --voms dteam
Enter GRID pass phrase:
Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
Creating temporary proxy ..... Done
Contacting voms2.hellasgrid.gr:15004 [/C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms2.hellasgrid.gr]
Creating proxy ..... Done

Your proxy is valid until Wed Sep 12 21:53:08 2012
[capannini@cert-17 WMS-service]$
[capannini@cert-17 WMS-service]$
[capannini@cert-17 WMS-service]$ myproxy-init -d
Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
Enter GRID pass phrase for this identity:
Creating proxy ..... Done
Proxy Verify OK
Your proxy is valid until: Wed Sep 19 09:54:01 2012
Enter MyProxy pass phrase:
Verifying - Enter MyProxy pass phrase:
A proxy valid for 168 hours (7.0 days) for user /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
[capannini@cert-17 WMS-service]$
[capannini@cert-17 WMS-service]$
[capannini@cert-17 WMS-service]$ myproxy-logon -d --voms dteam
Enter MyProxy pass phrase:
Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=proxy
Contacting voms2.hellasgrid.gr:15004 [/C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms2.hellasgrid.gr]
Creating proxy .....
```

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```
Your proxy is valid until Wed Sep 12 20:54:31 2012
A credential has been received for user /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capa
[capannini@cert-17 WMS-service]$
[capannini@cert-17 WMS-service]$
[capannini@cert-17 WMS-service]$ voms-proxy-info -all
subject      : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=p
issuer       : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=p
identity     : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=p
type        : proxy
strength    : 2048 bits
path        : /tmp/x509up_u504
timeleft    : 10:59:53
key usage   : Digital Signature, Key Encipherment, Data Encipherment
=== VO dteam extension information ===
VO          : dteam
subject     : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
issuer      : /C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms2.hellasgrid.gr
attribute   : /dteam/Role=NULL/Capability=NULL
attribute   : /dteam/NGI_IT/Role=NULL/Capability=NULL
timeleft   : 11:58:52
uri        : voms2.hellasgrid.gr:15004
[capannini@cert-17 WMS-service]$
[capannini@cert-17 WMS-service]$
[capannini@cert-17 WMS-service]$ python WMS-delegation-test.py -c wms-command.conf -d 3 -l
==> ++++++
==> + TestSuite of the WMS Service
==> + Description: Test delegation operation
==> ++++++

Test 1: Check --autm-delegation option

Test 2: Check --delegationid option

There are other three tests which require the user proxy password. Use -i option to enable them
==>
==> Test: WMS-delegation-test.py
==> WMS: cert-13.cnaf.infn.it
==> Started: 09:54:55
==> Ended  : 09:54:57
==>
==>      === test PASSED ===
==>
==> Test log file is WMSService-TS_20120912095455.log
```

* deleg.tgz: deleg.tgz

List-match - PASSED

This test requires egee-bdii.cnaf.infn.it as the bdii, and therefore DEFAULTREQ=other.GlueCEStateStatus == "Testing" should not be defined.

```
[capannini@cert-17 WMS-service]$ python WMS-listmatch-test.py -c wms-command.conf -V dteam -d 3 -
==> ++++++
==> + TestSuite of the WMS Service
==> + Description: WMS Job ListMatch Testing
==> ++++++
```

Enter the user proxy password:

Test 1: check if glite-wms-job-list-match command exists

List-match - PASSED

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Test 2: test a simple matching

Test 3: check --delegationid option

Test 4: exclude a CE from the match

Test 5: try a failure matching (Requirements == false)

Test 6: try a matching with EnableWMSFeedback attribute true

Test 7: try a matching with data requirements

Test 8: try a gang-matching

====>

====> Test: WMS-listmatch-test.py

====> WMS: cert-13.cnaf.infn.it

====> Started: 11:03:58

====> Ended : 11:04:53

====>

====> === test PASSED ===

====>

====> Test log file is WMSService-TS_20120912110358.log

[capannini@cert-17 WMS-service]\$ python WMS-listmatch-test.py -c wms-command.conf -V testers.eu-e

====> ++++++

====> + TestSuite of the WMS Service

====> + Description: WMS Job ListMatch Testing

====> ++++++

Enter the user proxy password:

Test 1: check if glite-wms-job-list-match command exists

Test 2: test a simple matching

Test 3: check --delegationid option

Test 4: exclude a CE from the match

Test 5: try a failure matching (Requirements == false)

Test 6: try a matching with EnableWMSFeedback attribute true

Test 7: try a matching with data requirements

Test 8: try a gang-matching

====>

====> Test: WMS-listmatch-test.py

====> WMS: cert-13.cnaf.infn.it

====> Started: 11:04:58

====> Ended : 11:05:53

====>

List-match - PASSED

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```
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120912110458.log

[capannini@cert-17 WMS-service]$ python WMS-listmatch-test.py -c wms-command.conf -d 3 -l
====> ++++++
====> + TestSuite of the WMS Service
====> + Description: WMS Job ListMatch Testing
====> ++++++

Test 1: check if glite-wms-job-list-match command exists

Test 2: test a simple matching

Test 3: check --delegationid option

Test 4: exclude a CE from the match

Test 5: try a failure matching (Requirements == false)

Test 6: try a matching with EnableWMSFeedback attribute true

Test 7: try a matching with data requirements

Test 8: try a gang-matching

====>
====> Test: WMS-listmatch-test.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 11:05:12
====> Ended   : 11:06:02
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120912110512.log
```

- list.tgz: list.tgz

Prologue and epilogue jobs - PASSED

```
[capannini@cert-17 WMS-service]$ python WMS-prologue-epilogue.py -c wms-command.conf -V dteam -d
====> ++++++
====> + TestSuite of the WMS Service
====> + Description: WMS test prologue and epilogue attributes
====> ++++++

Enter the user proxy password:

Test 1: Test prologue attribute

Test 2: Test epilogue attribute

Test 3: Test prologue and epilogue attributes

====>
====> Test: WMS-prologue-epilogue.py
====> WMS: cert-13.cnaf.infn.it
```

Prologue and epilogue jobs - PASSED

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```
====> Started: 11:15:08
====> Ended  : 11:21:58
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120912111508.log

[capannini@cert-17 WMS-service]$ python WMS-prologue-epilogue.py -c wms-command.conf -V testers.e
====> ++++++
====> + TestSuite of the WMS Service
====> + Description: WMS test prologue and epilogue attributes
====> ++++++

Enter the user proxy password:

Test 1: Test prologue attribute

Test 2: Test epilogue attribute

Test 3: Test prologue and epilogue attributes

====>
====> Test: WMS-prologue-epilogue.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 11:15:26
====> Ended  : 11:21:46
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120912111526.log

[capannini@cert-17 WMS-service]$ voms-proxy-info -all
subject   : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=p
issuer    : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=p
identity  : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy/CN=proxy/CN=p
type      : proxy
strength  : 2048 bits
path      : /tmp/x509up_u504
timeleft  : 10:43:04
key usage : Digital Signature, Key Encipherment, Data Encipherment
=== VO dteam extension information ===
VO        : dteam
subject   : /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
issuer    : /C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms.hellasgrid.gr
attribute : /dteam/Role=NULL/Capability=NULL
attribute : /dteam/NGI_IT/Role=NULL/Capability=NULL
timeleft  : 11:42:04
uri       : voms.hellasgrid.gr:15004
[capannini@cert-17 WMS-service]$
[capannini@cert-17 WMS-service]$
[capannini@cert-17 WMS-service]$ python WMS-prologue-epilogue.py -c wms-command.conf -d 3 -l
====> ++++++
====> + TestSuite of the WMS Service
====> + Description: WMS test prologue and epilogue attributes
====> ++++++

Test 1: Test prologue attribute

Test 2: Test epilogue attribute

Test 3: Test prologue and epilogue attributes

====>
```



```
====> Test: WMS-prologue-epilogue.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 11:15:52
====> Ended   : 11:21:39
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120912111552.log
```

- epipro.tgz: epipro.tgz

Shallow and deep resubmission - PASSED

```
[capannini@cert-17 WMS-service]$ python WMS-job-resubmit.py -c wms-command.conf -V dteam -d 3 -l
====> + TestSuite of the WMS Service
====> + Description: WMS Job Resubmission Testing
====> + TestSuite of the WMS Service
```

Enter the user proxy password:

Test 1: Try a shallow resubmission

Test 2: Try a deep resubmission

```
====>
====> Test: WMS-job-resubmit.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 11:57:03
====> Ended   : 12:09:46
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120912115703.log
```

```
[capannini@cert-17 WMS-service]$ python WMS-job-resubmit.py -c wms-command.conf -V testers.eu-emi
====> + TestSuite of the WMS Service
====> + Description: WMS Job Resubmission Testing
====> + TestSuite of the WMS Service
```

Enter the user proxy password:

Test 1: Try a shallow resubmission

Test 2: Try a deep resubmission

```
====>
====> Test: WMS-job-resubmit.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 11:57:26
====> Ended   : 12:10:07
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120912115726.log
```

```
[capannini@cert-17 WMS-service]$ python WMS-job-resubmit.py -c wms-command.conf -d 3 -l
====> + TestSuite of the WMS Service
====> + Description: WMS Job Resubmission Testing
====> + TestSuite of the WMS Service
```

Test 1: Try a shallow resubmission

Test 2: Try a deep resubmission

```
====>
====> Test: WMS-job-resubmit.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 11:57:55
====> Ended   : 12:12:02
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120912115755.log
```

* resub.tgz: resub.tgz

Cancel - PASSED

Sometimes it can fail, in this case adjust the sleep time intervals appropriately in the script.

```
[capannini@cert-17 WMS-service]$ python WMS-job-cancel.py -c wms-command.conf -V dteam -d 3 -l -
====> ++++++
====> + TestSuite of the WMS Service
====> + Description: WMS Job Cancel Testing
====> ++++++
```

Enter the user proxy password:

Test 1: Try to cancel a normal job

Test 2: Try to cancel a DAG job

Test 3: Try to cancel one node of a DAG job

Test 4: Try to cancel a collection job

Test 5: Try to cancel one node of a collection job

Test 6: Try to cancel a parametric job

Test 7: Try to cancel one node of a parametric job

Test 8: Try to cancel a MPI job

```
====>
====> Test: WMS-job-cancel.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 12:16:28
====> Ended   : 12:27:50
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120912121628.log
```

```
[capannini@cert-17 WMS-service]$ python WMS-job-cancel.py -c wms-command.conf -V testers.eu-emi.e
====> ++++++
====> + TestSuite of the WMS Service
====> + Description: WMS Job Cancel Testing
```

Cancel - PASSED

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====> ++++++

Enter the user proxy password:

Test 1: Try to cancel a normal job

Test 2: Try to cancel a DAG job

Test 3: Try to cancel one node of a DAG job

Test 4: Try to cancel a collection job

Test 5: Try to cancel one node of a collection job

Test 6: Try to cancel a parametric job

Test 7: Try to cancel one node of a parametric job

Test 8: Try to cancel a MPI job

====>

====> Test: WMS-job-cancel.py

====> WMS: cert-13.cnaf.infn.it

====> Started: 15:31:38

====> Ended : 16:04:31

====>

====> === test PASSED ===

====>

====> Test log file is WMSService-TS_20120912153138.log

[capannini@cert-17 WMS-service]\$ python WMS-job-cancel.py -c wms-command.conf -d 3 -l

====> ++++++

====> + TestSuite of the WMS Service

====> + Description: WMS Job Cancel Testing

====> ++++++

Test 1: Try to cancel a normal job

Test 2: Try to cancel a DAG job

Test 3: Try to cancel one node of a DAG job

Test 4: Try to cancel a collection job

Test 5: Try to cancel one node of a collection job

Test 6: Try to cancel a parametric job

Test 7: Try to cancel one node of a parametric job

Test 8: Try to cancel a MPI job

Cancel - PASSED

```

====>
====> Test: WMS-job-cancel.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 15:31:32
====> Ended  : 16:04:35
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120912153132.log
    
```

- cancel.tgz: cancel.tgz

Proxy renewal - PASSED

The myproxyserver (emitb2.ics.muni.cz) has to be configured in order to allow proxy renewal from the machine hosting the WMS. If this has not been previously done contact valtri@civ.zcu.cz.

It is necessary to clean the proxies from ice and proxyrenewal:

```

[root@emi-demo11 siteinfo]# /etc/init.d/glite-wms-ice stop
stopping ICE... ok
[root@emi-demo11 siteinfo]# rm -rf /var/ice/persist_dir/*
[root@emi-demo11 siteinfo]# /etc/init.d/glite-wms-ice start
[root@emi-demo11 siteinfo]# rm -f /var/glite/spool/glite-renewd/*
    
```

then

Setting MYPROXYSERVER=emitb2.ics.muni.cz in wms-command.conf

```

[capannini@cert-17 WMS-service]$ voms-proxy-init --voms dteam
Enter GRID pass phrase:
Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
Creating temporary proxy ..... Done
Contacting voms2.hellasgrid.gr:15004 [/C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms2.hellasgrid.gr]
Creating proxy ..... Done
    
```

Your proxy is valid until Thu Sep 13 22:50:49 2012

```

[capannini@cert-17 WMS-service]$ myproxy-init -s emitb2.ics.muni.cz -d -n
Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
Enter GRID pass phrase for this identity:
Creating proxy ..... Done
Proxy Verify OK
Your proxy is valid until: Thu Sep 20 10:51:05 2012
A proxy valid for 168 hours (7.0 days) for user /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
    
```

```

[capannini@cert-17 WMS-service]$ python WMS-proxy-renewal.py -c wms-command.conf -V dteam -d 3 -l 1
====> ++++++
====> + TestSuite of the WMS Service
====> + Description: WMS test proxy renewal operation
====> ++++++
    
```

Enter the user proxy password:

Test 1: Test proxy renewal with LCG CE

Test 2: Test proxy renewal with CREAM CE

Test 3: Test proxy renewal with LCG CE (without setting MYPROXYSERVER)

```

====>
====> Test: WMS-proxy-renewal.py
====> WMS: cert-13.cnaf.infn.it
    
```

Proxy renewal - PASSED

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```
====> Started: 16:50:37
====> Ended  : 18:38:13
====>
====>   *** Warning: Interrupted by user ***
====>
====>
====> Test log file is WMSService-TS_20120913165037.log

[capannini@cert-17 WMS-service]$ python WMS-proxy-renewal.py -c wms-command.conf -V dteam -d 3 -1
====> ++++++
====> + TestSuite of the WMS Service
====> + Description: WMS test proxy renewal operation
====> ++++++

Enter the user proxy password:

Test 3: Test proxy renewal with LCG CE (without setting MYPROXYSERVER)

Test 4: Test proxy renewal with CREAM CE (without setting MYPROXYSERVER)

====>
====> Test: WMS-proxy-renewal.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 18:31:37
====> Ended  : 18:51:25
====>
====>     === test PASSED ===
====>
====> Test log file is WMSService-TS_20120913183137.log
```

- WMSService-TS_20120913165037.log: WMSService-TS_20120913165037.log
- WMSService-TS_20120913183137.log: WMSService-TS_20120913183137.log

Limiter mechanism - MOSTLY PASSED (SAME FAILURES AS IN EMI1)

Some of the tests fail. They have been excluded from the certification as they need further checking.

```
[capannini@cert-17 WMS-service]$ python WMS-limiter-mechanism.py -c wms-command.conf -V dteam -d
====> ++++++
====> + TestSuite of the WMS Service
====> + Description: WMS Limiter Mechanism
====> ++++++

Test 1: Test option --load1 threshold for load average (1 min)

Test 2: Test option --load5 threshold for load average (5 min)

Test 3: Test option --load15 threshold for load average (15 min)

Test 4: Test option --memusage threshold for memory usage (%)

Test 6: Test option --ftpconn threshold for number of FTP connections

Test 7: Test option --diskusage threshold for disk usage (%)

Test 8: Test option --fdnum threshold for used file descriptor
```

Limiter mechanism - MOSTLY PASSED (SAME FAILURES AS IN EMI1)

```
====>
====> Test: WMS-limiter-mechanism.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 15:13:18
====> Ended  : 15:13:41
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120913151318.log
```

- WMSService-TS_20120913151318.log: WMSService-TS_20120913151318.log

Job purge - PASSED

```
[capannini@cert-17 WMS-service]$ python WMS-check-purger.py -c wms-command.conf -V dteam -d 3 -l
====> + TestSuite of the WMS Service
====> + Description: WMS Purge Mechanism
====> + TestSuite of the WMS Service
====> + Description: WMS Purge Mechanism
====> + TestSuite of the WMS Service
====> + Description: WMS Purge Mechanism
```

Test 1: Test purge , normal job cycle (Submit to LCG CE)

Test 2: Test purge, normal job cycle (Submit to CREAM CE)

Test 3: Test proxy cache purging

Test 4: SandBoxDir cron purger (Submit a job and force its purge before it finishes)

Test 5: SandBoxDir cron purger (Purge a DONE job)

```
====>
====> Test: WMS-check-purger.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 17:10:57
====> Ended  : 17:47:25
====>
====>      >>> TEST FAILED <<<
====>
====>      >>> failure reason: 1 test(s) fail(s): ['Test 3: Test proxy cache purging'] <<<
====>
====> Test log file is WMSService-TS_20120913171057.log
====> Error messages have been written in /home/capannini/WMS-Test-Suite/WMS-service/WMS-service-TS_20120913171057.log
====>
====> Test directory /home/capannini/WMS-Test-Suite/WMS-service/WMS-service-TS_20120913171057 has been created
```

```
[capannini@cert-17 WMS-service]$ python WMS-check-purger.py -c wms-command.conf -V dteam -d 3 -l
====> + TestSuite of the WMS Service
====> + Description: WMS Purge Mechanism
====> + TestSuite of the WMS Service
====> + Description: WMS Purge Mechanism
```

Test 3: Test proxy cache purging

```
====>
====> Test: WMS-check-purger.py
====> WMS: cert-13.cnaf.infn.it
====> Started: 18:01:39
====> Ended  : 18:01:53
====>
====>      === test PASSED ===
====>
```

Job purge - PASSED

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==> Test log file is WMSService-TS_20120913180139.log

• purge.tgz: purge.tgz

- Purge only jobs older than 12 hours:

```
[root@cert-13 ~]# su - glite
-bash-3.2$ find /var/SandboxDir/ -maxdepth 2 -type d -cmin +720
/var/SandboxDir/fB/https_3a_2f_2fcert-13.cnaf.infn.it_3a9000_2ffB1HdqaKz_5fXP8QiQ2LYEdQ
```

Try to purge:

```
-bash-3.2$ /usr/sbin/glite-wms-purgeStorage.sh -p /var/SandboxDir/fB -t 43200
13 Sep, 18:07:04 -I: [Info] operator() (purger.cpp:359): https://cert-13.cnaf.infn.it:9000/fB1Hdqa
13 Sep, 18:07:04 -I: [Info] operator() (purger.cpp:371): https://cert-13.cnaf.infn.it:9000/fB1Hdqa
-bash-3.2$ ls -l /var/SandboxDir/fB
total 0
```

Find some directories that should not be purged:

```
-bash-3.2$ find /var/SandboxDir/ -maxdepth 2 -type d -cmin -240
/var/SandboxDir/lV/https_3a_2f_2fcert-13.cnaf.infn.it_3a9000_2f1VpIECmODh6MLWkgxnQSWg
-bash-3.2$ /usr/sbin/glite-wms-purgeStorage.sh -p /var/SandboxDir/lV -t 43200
-bash-3.2$
-bash-3.2$ ls -l /var/SandboxDir/lV
total 4
drwxrwx--- 5 dteam023 glite 4096 Sep 13 14:30 https_3a_2f_2fcert-13.cnaf.infn.it_3a9000_2f1VpIECm
```

==> Test PASSED

- Purge a job whose proxy is already expired

```
-bash-3.2$ openssl x509 -in /var/SandboxDir/qI/https_3a_2f_2fcert-13.cnaf.infn.it_3a9000_2fqIgvmt
notBefore=Sep 12 12:39:31 2012 GMT
notAfter=Sep 13 12:38:31 2012 GMT
```

```
[capannini@cert-17 WMS-service]$ glite-wms-job-status https://cert-13.cnaf.infn.it:9000/qIgvmtSwO
```

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

BOOKKEEPING INFORMATION:

```
Status info for the Job : https://cert-13.cnaf.infn.it:9000/qIgvmtSwOLRt1h2f4wS3w
Current Status:      Done (Success)
Exit code:           0
Submitted:           Wed Sep 12 14:44:32 2012 CEST
=====
```

- Nodes information for:

```
Status info for the Job : https://cert-13.cnaf.infn.it:9000/7XuugKoJCFVuMoc9IP8rUg
Current Status:      Done (Success)
Logged Reason(s):
- job completed
- Job Terminated Successfully
Exit code:           0
Status Reason:       Job Terminated Successfully
Destination:         cream-20.pd.infn.it:8443/cream-lsf-creamcert2
Submitted:           Wed Sep 12 14:44:32 2012 CEST
=====
```

```
Status info for the Job : https://cert-13.cnaf.infn.it:9000/Z-51Q0If9svoVLcrZUMdxw
Current Status:      Done (Success)
Logged Reason(s):
- job completed
- Job Terminated Successfully
Exit code:           0
Status Reason:       Job Terminated Successfully
Destination:         cream-22.pd.infn.it:8443/cream-lsf-cert
```

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Submitted: Wed Sep 12 14:44:32 2012 CEST

```
=====
Status info for the Job : https://cert-13.cnaf.infn.it:9000/f5YLP0g4Q4T3LND9rWZuDQ
Current Status: Done (Success)
Logged Reason(s):
- job completed
- Job Terminated Successfully
Exit code: 0
Status Reason: Job Terminated Successfully
Destination: cream-22.pd.infn.it:8443/cream-lsf-cert
Submitted: Wed Sep 12 14:44:32 2012 CEST
=====
```

Try to purge:

```
-bash-3.2$ /usr/sbin/glite-wms-purgeStorage.sh -p /var/SandboxDir/qI -s
13 Sep, 18:14:25 -I: [Info] operator() (purger.cpp:359): https://cert-13.cnaf.infn.it:9000/qIgvmtSwO
13 Sep, 18:14:25 -I: [Info] operator() (purger.cpp:371): https://cert-13.cnaf.infn.it:9000/qIgvmtSwO
```

```
[capannini@cert-17 WMS-service]$ glite-wms-job-status https://cert-13.cnaf.infn.it:9000/qIgvmtSwO
```

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

```
Status info for the Job : https://cert-13.cnaf.infn.it:9000/qIgvmtSwOLRTtlh2f4wS3w
Current Status: Cleared
Submitted: Wed Sep 12 14:44:32 2012 CEST
=====
```

- Nodes information for:

```
Status info for the Job : https://cert-13.cnaf.infn.it:9000/7XuugKoJCFVuMoc9IP8rUg
Current Status: Cleared
Status Reason: timed out, resource purge forced
Destination: cream-20.pd.infn.it:8443/cream-lsf-creamcert2
Submitted: Wed Sep 12 14:44:32 2012 CEST
=====
```

```
Status info for the Job : https://cert-13.cnaf.infn.it:9000/Z-51Q0If9svoVLcrZUMdxw
Current Status: Cleared
Status Reason: timed out, resource purge forced
Destination: cream-22.pd.infn.it:8443/cream-lsf-cert
Submitted: Wed Sep 12 14:44:32 2012 CEST
=====
```

```
Status info for the Job : https://cert-13.cnaf.infn.it:9000/f5YLP0g4Q4T3LND9rWZuDQ
Current Status: Cleared
Status Reason: timed out, resource purge forced
Destination: cream-22.pd.infn.it:8443/cream-lsf-cert
Submitted: Wed Sep 12 14:44:32 2012 CEST
=====
```

==> Test PASSED

- Purge a dag job

```
[capannini@cert-17 dag]$ glite-wms-job-submit -a -c ~/wms_cert-13.conf dag.jdl
```

```
Connecting to the service https://cert-13.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

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

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

Job purge - PASSED

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https://cert-13.cnaf.infn.it:9000/yOrQP1vSfpn0u4BvZ4H99g

```
=====
[capannini@cert-17 dag]$ glite-wms-job-status https://cert-13.cnaf.infn.it:9000/yOrQP1vSfpn0u4BvZ
```

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

```
Status info for the Job : https://cert-13.cnaf.infn.it:9000/yOrQP1vSfpn0u4BvZ4H99g
Current Status:      Running
Destination:        dagman
Submitted:          Thu Sep 13 18:18:43 2012 CEST
=====
```

```
- Nodes information for:
  Status info for the Job : https://cert-13.cnaf.infn.it:9000/1iezDtfVhDA7BhvIbSB-A
  Current Status:      Submitted
  Submitted:          Thu Sep 13 18:18:43 2012 CEST
=====
```

```
  Status info for the Job : https://cert-13.cnaf.infn.it:9000/4TZsR-GgfbTsiLz0Fk-KxA
  Current Status:      Submitted
  Submitted:          Thu Sep 13 18:18:43 2012 CEST
=====
```

```
  Status info for the Job : https://cert-13.cnaf.infn.it:9000/8fhIDD_3wY3OXI0qlDdDcQ
  Current Status:      Submitted
  Submitted:          Thu Sep 13 18:18:43 2012 CEST
=====
```

```
  Status info for the Job : https://cert-13.cnaf.infn.it:9000/AXqc30ITnnuZ4wERXa0hAw
  Current Status:      Scheduled
  Status Reason:      unavailable
  Destination:        ce01.oats.inaf.it:8443/cream-pbs-dteam
  Submitted:          Thu Sep 13 18:18:43 2012 CEST
=====
```

```
  Status info for the Job : https://cert-13.cnaf.infn.it:9000/FO4ENta9_VilKmbcO4ZUuw
  Current Status:      Submitted
  Submitted:          Thu Sep 13 18:18:43 2012 CEST
=====
```

```
-bash-3.2$ /usr/sbin/glite-wms-purgeStorage.sh -p /var/SandboxDir/y0 -s
13 Sep, 18:20:14 -I: [Info] operator() (purger.cpp:359): https://cert-13.cnaf.infn.it:9000/yOrQP1v
13 Sep, 18:20:14 -I: [Info] operator() (purger.cpp:371): https://cert-13.cnaf.infn.it:9000/yOrQP1v
13 Sep, 18:20:14 -I: [Info] operator() (purger.cpp:452): https://cert-13.cnaf.infn.it:9000/yOCQWas
```

```
[capannini@cert-17 dag]$ glite-wms-job-status https://cert-13.cnaf.infn.it:9000/yOrQP1vSfpn0u4BvZ
```

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

```
Status info for the Job : https://cert-13.cnaf.infn.it:9000/yOrQP1vSfpn0u4BvZ4H99g
Current Status:      Cleared
Status Reason:      timed out, resource purge forced
Destination:        dagman
Submitted:          Thu Sep 13 18:18:43 2012 CEST
=====
```

```
- Nodes information for:
  Status info for the Job : https://cert-13.cnaf.infn.it:9000/1iezDtfVhDA7BhvIbSB-A
  Current Status:      Cleared
  Status Reason:      timed out, resource purge forced
  Submitted:          Thu Sep 13 18:18:43 2012 CEST
```

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```
=====  
Status info for the Job : https://cert-13.cnaf.infn.it:9000/4TZsR-GgfbTsiLz0Fk-KxA  
Current Status:      Cleared  
Status Reason:      timed out, resource purge forced  
Submitted:          Thu Sep 13 18:18:43 2012 CEST  
=====
```

```
=====  
Status info for the Job : https://cert-13.cnaf.infn.it:9000/8fhIDD_3wY3OXI0q1DdDcQ  
Current Status:      Cleared  
Status Reason:      timed out, resource purge forced  
Submitted:          Thu Sep 13 18:18:43 2012 CEST  
=====
```

```
=====  
Status info for the Job : https://cert-13.cnaf.infn.it:9000/AXqc30ITnnuZ4wERXa0hAw  
Current Status:      Cleared  
Status Reason:      timed out, resource purge forced  
Destination:        ce01.oats.inaf.it:8443/cream-pbs-dteam  
Submitted:          Thu Sep 13 18:18:43 2012 CEST  
=====
```

```
=====  
Status info for the Job : https://cert-13.cnaf.infn.it:9000/FO4ENta9_VilKmbcO4ZUuw  
Current Status:      Cleared  
Status Reason:      timed out, resource purge forced  
Submitted:          Thu Sep 13 18:18:43 2012 CEST  
=====
```

==> Test PASSED

Configuration file - PASSED

```
[capannini@cert-17 WMS-service]$ python WMS-check-configuration.py -c wms-command.conf -d 3 -l -t
```

```
==> ++++++  
==> + TestSuite of the WMS Service  
==> + Description: Check glite_wms.conf file  
==> ++++++
```

Test 1: Check common section

Test 2: Check JobController section

Test 3: Check NetworkServer section

Test 4: Check LogMonitor section

Test 5: Check WorkloadManager section

Test 6: Check WorkloadManagerProxy section

Test 7: Check ICE section

```
==>  
==> Test: WMS-check-configuration.py  
==> WMS: cert-13.cnaf.infn.it  
==> Started: 13:59:38  
==> Ended  : 13:59:38  
==>  
==>      === test PASSED ===  
==>  
==> Test log file is WMSService-TS_20120910135938.log
```

Configuration file - PASSED

- WMSService-TS_20120910135938.log: WMSService-TS_20120910135938.log

Feedback - PASSED

The parameter EnableReplanner has been introduced but is not configured by yaim so it must be manually defined in glite_wms.conf (WorkloadManager section) before running the test. If it is not set, the test fails as expected as the default is false; it must be set to true for this test to be run successfully.

In the previous version of the WMS the parameter didn't exist and the feedback was always working by default, so the test ran consistently.

Moreover the test sometimes fails because the replanned job goes running instead of being replanned until reaching the maximum allowed number of replannings and then aborted.

```
[capannini@cert-17 WMS-service]$ python WMS-feedback-test.py -d3 -l -i
==> ++++++
==> + TestSuite of the WMS Service
==> + Description: WMS Feedback
==> ++++++

Enter the user proxy password:

Test 1: Test WMS feedback feature

==>
==> Test: WMS-feedback-test.py
==> WMS: cert-13.cnaf.infn.it
==> Started: 16:34:52
==> Ended  : 16:36:14
==>
==>      === test PASSED ===
==>
==> Test log file is WMSService-TS_20120914163452.log
```

- WMSService-TS_20120914163452.log: WMSService-TS_20120914163452.log

Published information - PASSED

bdb database information

```
ldapsearch -x -H ldap://cert-13.cnaf.infn.it:2170 -b 'o=grid'
# extended LDIF
#
# LDAPv3
# base <o=grid> with scope subtree
# filter: (objectclass=*)
# requesting: ALL
#
# grid
dn: o=grid
objectClass: organization
o: grid

# local, grid
dn: Mds-Vo-name=local,o=grid
Mds-Vo-name: local
objectClass: Mds

# resource, grid
dn: Mds-Vo-name=resource,o=grid
Mds-Vo-name: resource
objectClass: Mds

# cert-13.cnaf.infn.it_org.glite.lb.Server_2310828617, resource, grid
```

Feedback - PASSED

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```
dn: GlueServiceUniqueID=cert-13.cnaf.infn.it_org.glite.lb.Server_2310828617,Mds-Vo-name=resource,o=grid
GlueServiceStatus: Critical
objectClass: GlueTop
objectClass: GlueService
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueServiceUniqueID: cert-13.cnaf.infn.it_org.glite.lb.Server_2310828617
GlueServiceEndpoint: https://cert-13.cnaf.infn.it:9003/
GlueServiceVersion: 2.3.6
GlueSchemaVersionMinor: 3
GlueServiceName: emi-testbed-cnaf-Server
GlueServiceType: org.glite.lb.Server
GlueServiceWSDL: http://egee.cesnet.cz/cms/export/sites/egee/en/WSDL/3.1/LB.wsdl
GlueServiceSemantics: https://edms.cern.ch/file/571273/2/LB-guide.pdf
GlueForeignKey: GlueSiteUniqueID=emi-testbed-cnaf
GlueSchemaVersionMajor: 1
GlueServiceStartTime: 2012-10-03T12:15:02+02:00
GlueServiceStatusInfo: glite-lb-notif-interlogd not running (stale pidfile) glite-lb-interlogd for proxy running as 13971 glite-lb-bkserverd running as 13906 glite-jp-importer not running (disabled)

# cert-13.cnaf.infn.it_org.glite.wms.WMProxy_753962038, resource, grid
dn: GlueServiceUniqueID=cert-13.cnaf.infn.it_org.glite.wms.WMProxy_753962038,Mds-Vo-name=resource,o=grid
GlueServiceAccessControlBaseRule: VO:testers.eu-emi.eu
GlueServiceAccessControlBaseRule: VO:testers2.eu-emi.eu
GlueServiceAccessControlBaseRule: VO:cms
GlueServiceAccessControlBaseRule: VO:dteam
GlueServiceAccessControlBaseRule: VO:infngrid
GlueServiceStatus: OK
GlueServiceStatusInfo: /usr/bin/glite_wms_wmproxy_server is running...
objectClass: GlueTop
objectClass: GlueService
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueServiceUniqueID: cert-13.cnaf.infn.it_org.glite.wms.WMProxy_753962038
GlueServiceAccessControlRule: testers.eu-emi.eu
GlueServiceAccessControlRule: testers2.eu-emi.eu
GlueServiceAccessControlRule: cms
GlueServiceAccessControlRule: dteam
GlueServiceAccessControlRule: infngrid
GlueServiceEndpoint: https://cert-13.cnaf.infn.it:7443/glite_wms_wmproxy_server
GlueServiceVersion: 3.4.0
GlueSchemaVersionMinor: 3
GlueServiceName: emi-testbed-cnaf-WMProxy
GlueServiceType: org.glite.wms.WMProxy
GlueServiceWSDL: http://web.infn.it/gLiteWMS/images/WMS/Docs/wmproxy.wsdl
GlueServiceSemantics: http://web.infn.it/gLiteWMS/images/WMS/Docs/wmproxy-guide.pdf
GlueForeignKey: GlueSiteUniqueID=emi-testbed-cnaf
GlueServiceOwner: testers.eu-emi.eu
GlueServiceOwner: testers2.eu-emi.eu
GlueServiceOwner: cms
GlueServiceOwner: dteam
GlueServiceOwner: infngrid
GlueSchemaVersionMajor: 1
GlueServiceStartTime: 2012-10-03T00:00:02+02:00

# DN, cert-13.cnaf.infn.it_org.glite.wms.WMProxy_753962038, resource, grid
dn: GlueServiceDataKey=DN,GlueServiceUniqueID=cert-13.cnaf.infn.it_org.glite.wms.WMProxy_753962038,Mds-Vo-name=resource,o=grid
GlueSchemaVersionMajor: 1
objectClass: GlueTop
objectClass: GlueServiceData
```

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```
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueSchemaVersionMinor: 3
GlueServiceDataKey: DN
GlueChunkKey: GlueServiceUniqueID=cert-13.cnaf.infn.it_org.glite.wms.WMProxy_7
53962038
GlueServiceDataValue: /C=IT/O=INFN/OU=Host/L=CNAF/CN=cert-13.cnaf.infn.it

# glite-info-service_version, cert-13.cnaf.infn.it_org.glite.lb.Server_231082
8617, resource, grid
dn: GlueServiceDataKey=glite-info-service_version,GlueServiceUniqueID=cert-13.
cnaf.infn.it_org.glite.lb.Server_2310828617,Mds-Vo-name=resource,o=grid
GlueSchemaVersionMajor: 1
objectClass: GlueTop
objectClass: GlueServiceData
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueSchemaVersionMinor: 3
GlueServiceDataKey: glite-info-service_version
GlueChunkKey: GlueServiceUniqueID=cert-13.cnaf.infn.it_org.glite.lb.Server_231
0828617
GlueServiceDataValue: 1.6

# glite-info-service_version, cert-13.cnaf.infn.it_org.glite.wms.WMProxy_7539
62038, resource, grid
dn: GlueServiceDataKey=glite-info-service_version,GlueServiceUniqueID=cert-13.
cnaf.infn.it_org.glite.wms.WMProxy_753962038,Mds-Vo-name=resource,o=grid
GlueSchemaVersionMajor: 1
objectClass: GlueTop
objectClass: GlueServiceData
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueSchemaVersionMinor: 3
GlueServiceDataKey: glite-info-service_version
GlueChunkKey: GlueServiceUniqueID=cert-13.cnaf.infn.it_org.glite.wms.WMProxy_7
53962038
GlueServiceDataValue: 1.6

# glite-info-service_hostname, cert-13.cnaf.infn.it_org.glite.lb.Server_23108
28617, resource, grid
dn: GlueServiceDataKey=glite-info-service_hostname,GlueServiceUniqueID=cert-13
.cnaf.infn.it_org.glite.lb.Server_2310828617,Mds-Vo-name=resource,o=grid
GlueSchemaVersionMajor: 1
objectClass: GlueTop
objectClass: GlueServiceData
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueSchemaVersionMinor: 3
GlueServiceDataKey: glite-info-service_hostname
GlueChunkKey: GlueServiceUniqueID=cert-13.cnaf.infn.it_org.glite.lb.Server_231
0828617
GlueServiceDataValue: cert-13.cnaf.infn.it

# glite-info-service_hostname, cert-13.cnaf.infn.it_org.glite.wms.WMProxy_753
962038, resource, grid
dn: GlueServiceDataKey=glite-info-service_hostname,GlueServiceUniqueID=cert-13
.cnaf.infn.it_org.glite.wms.WMProxy_753962038,Mds-Vo-name=resource,o=grid
GlueSchemaVersionMajor: 1
objectClass: GlueTop
objectClass: GlueServiceData
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueSchemaVersionMinor: 3
GlueServiceDataKey: glite-info-service_hostname
GlueChunkKey: GlueServiceUniqueID=cert-13.cnaf.infn.it_org.glite.wms.WMProxy_7
53962038
GlueServiceDataValue: cert-13.cnaf.infn.it
```

```
# search result
search: 2
result: 0 Success
```

```
# numResponses: 11
# numEntries: 10
```

Stats database definitions

```
ldapsearch -x -H ldap://cert-13.cnaf.infn.it:2170 -b 'o=infosys'
# extended LDIF
#
# LDAPv3
# base <o=infosys> with scope subtree
# filter: (objectclass=*)
# requesting: ALL
#
```

```
# infosys
dn: o=infosys
objectClass: organization
o: infosys
```

```
# zip, infosys
dn: CompressionType=zip,o=infosys
objectClass: CompressedContent
Hostname: localhost
CompressionType: zip
Data: file:///var/lib/bdii/archive/12-10-03-12-21-55-snapshot.gz
```

```
# localhost, infosys
dn: Hostname=localhost,o=infosys
objectClass: UpdateStats
Hostname: localhost
FailedDeletes: 0
ModifiedEntries: 9
DeletedEntries: 0
UpdateTime: 2
FailedAdds: 0
FailedModifies: 0
TotalEntries: 20
QueryTime: 0
NewEntries: 1
DBUpdateTime: 0
ReadTime: 0
PluginsTime: 0
ProvidersTime: 2
```

```
# search result
search: 2
result: 0 Success
```

```
# numResponses: 4
# numEntries: 3
#####
```

```
ldapsearch -x -H ldap://cert-13.cnaf.infn.it:2170 -b 'o=glue'
# extended LDIF
#
# LDAPv3
# base <o=glue> with scope subtree
# filter: (objectclass=*)
# requesting: ALL
#
```

```

# glue
dn: o=glue
objectClass: organization
o: glue

# grid, glue
dn: GLUE2GroupID=grid,o=glue
objectClass: GLUE2Group
GLUE2GroupID: grid

# resource, glue
dn: GLUE2GroupID=resource,o=glue
objectClass: GLUE2Group
GLUE2GroupID: resource

# cert-13.cnaf.infn.it_wmproxy_13056159, resource, glue
dn: GLUE2ServiceID=cert-13.cnaf.infn.it_wmproxy_13056159,GLUE2GroupID=resource
,o=glue
GLUE2EntityValidity: 3600
GLUE2ServiceType: org.glite.wms.WMProxy
GLUE2ServiceID: cert-13.cnaf.infn.it_wmproxy_13056159
objectClass: GLUE2Service
GLUE2ServiceQualityLevel: production
GLUE2EntityOtherInfo: InfoProviderName=glite-info-glue2-service
GLUE2EntityOtherInfo: InfoProviderVersion=1.1
GLUE2EntityOtherInfo: InfoProviderHost=cert-13.cnaf.infn.it
GLUE2ServiceComplexity: endpointType=1, share=0, resource=0
GLUE2ServiceCapability: executionmanagement.candidatesetgenerator
GLUE2ServiceCapability: executionmanagement.jobdescription
GLUE2ServiceCapability: executionmanagement.jobmanager
GLUE2EntityName: emi-testbed-cnaf-WMProxy
GLUE2ServiceAdminDomainForeignKey: emi-testbed-cnaf
GLUE2EntityCreationTime: 2012-10-03T10:23:57Z

# cert-13.cnaf.infn.it_lbserver_201164012, resource, glue
dn: GLUE2ServiceID=cert-13.cnaf.infn.it_lbserver_201164012,GLUE2GroupID=resour
ce,o=glue
GLUE2EntityValidity: 3600
GLUE2ServiceType: org.glite.lb.Server
GLUE2ServiceID: cert-13.cnaf.infn.it_lbserver_201164012
objectClass: GLUE2Service
GLUE2ServiceQualityLevel: production
GLUE2EntityOtherInfo: InfoProviderName=glite-info-glue2-service
GLUE2EntityOtherInfo: InfoProviderVersion=1.1
GLUE2EntityOtherInfo: InfoProviderHost=cert-13.cnaf.infn.it
GLUE2ServiceComplexity: endpointType=1, share=0, resource=0
GLUE2ServiceCapability: information.logging
GLUE2EntityName: emi-testbed-cnaf-Server
GLUE2ServiceAdminDomainForeignKey: emi-testbed-cnaf
GLUE2EntityCreationTime: 2012-10-03T10:23:57Z

# cert-13.cnaf.infn.it_wmproxy_13056159_org.glite.wms.WMProxy_13056159, cert-
13.cnaf.infn.it_wmproxy_13056159, resource, glue
dn: GLUE2EndpointID=cert-13.cnaf.infn.it_wmproxy_13056159_org.glite.wms.WMProx
y_13056159,GLUE2ServiceID=cert-13.cnaf.infn.it_wmproxy_13056159,GLUE2GroupID=
resource,o=glue
GLUE2EntityValidity: 3600
GLUE2EndpointQualityLevel: production
GLUE2EndpointImplementor: gLite
GLUE2EndpointHealthStateInfo: /usr/bin/glite_wms_wmproxy_server is running...
GLUE2EntityOtherInfo: InfoProviderName=glite-info-glue2-endpoint
GLUE2EntityOtherInfo: InfoProviderVersion=1.2
GLUE2EntityOtherInfo: InfoProviderHost=cert-13.cnaf.infn.it
GLUE2EntityOtherInfo: MiddlewareName=EMI
GLUE2EntityOtherInfo: MiddlewareVersion=2.2.0-1
GLUE2EndpointCapability: executionmanagement.candidatesetgenerator
GLUE2EndpointCapability: executionmanagement.jobdescription

```

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```
GLUE2EndpointCapability: executionmanagement.jobmanager
GLUE2EndpointHealthState: ok
GLUE2EndpointServiceForeignKey: cert-13.cnaf.infn.it_wmproxy_13056159
GLUE2EntityName: WMPProxy endpoint for Service cert-13.cnaf.infn.it_wmproxy_13056159
GLUE2EndpointTechnology: webservice
GLUE2EndpointWSDL: http://web.infn.it/gLiteWMS/images/WMS/Docs/wmproxy.wsdl
GLUE2EndpointInterfaceName: org.glite.wms.WMPProxy
GLUE2EndpointURL: https://cert-13.cnaf.infn.it:7443/glite_wms_wmproxy_server
GLUE2EndpointDowntimeInfo: See the GOC DB for downtimes: https://goc.egi.eu/
GLUE2EndpointImplementationVersion: 3.4.0
GLUE2EndpointSemantics: http://web.infn.it/gLiteWMS/images/WMS/Docs/wmproxy-guide.pdf
GLUE2EndpointIssuerCA: /C=IT/O=INFN/CN=INFN CA
GLUE2EndpointServingState: production
objectClass: GLUE2Endpoint
GLUE2EndpointInterfaceVersion: 1.0
GLUE2EndpointImplementationName: WMS
GLUE2EndpointTrustedCA: IGTf
GLUE2EndpointID: cert-13.cnaf.infn.it_wmproxy_13056159_org.glite.wms.WMPProxy_13056159
GLUE2EndpointStartTime: 2012-10-02T22:00:02Z
GLUE2EntityCreationTime: 2012-10-03T10:23:57Z

# cert-13.cnaf.infn.it_lbserver_201164012_org.glite.lb.Server_201164012, cert-13.cnaf.infn.it_lbserver_201164012, resource, glue
dn: GLUE2EndpointID=cert-13.cnaf.infn.it_lbserver_201164012_org.glite.lb.Server_201164012, GLUE2ServiceID=cert-13.cnaf.infn.it_lbserver_201164012, GLUE2GroupID=resource, o=glue
GLUE2EntityValidity: 3600
GLUE2EndpointQualityLevel: production
GLUE2EndpointImplementor: gLite
GLUE2EntityOtherInfo: InfoProviderName=glite-info-glue2-endpoint
GLUE2EntityOtherInfo: InfoProviderVersion=1.2
GLUE2EntityOtherInfo: InfoProviderHost=cert-13.cnaf.infn.it
GLUE2EntityOtherInfo: MiddlewareName=EMI
GLUE2EntityOtherInfo: MiddlewareVersion=2.2.0-1
GLUE2EndpointCapability: information.logging
GLUE2EndpointHealthState: critical
GLUE2EndpointServiceForeignKey: cert-13.cnaf.infn.it_lbserver_201164012
GLUE2EntityName: Server endpoint for Service cert-13.cnaf.infn.it_lbserver_201164012
GLUE2EndpointTechnology: webservice
GLUE2EndpointWSDL: http://egee.cesnet.cz/cms/export/sites/egee/en/WSDL/3.1/LB.wsdl
GLUE2EndpointInterfaceName: org.glite.lb.Server
GLUE2EndpointURL: https://cert-13.cnaf.infn.it:9003/
GLUE2EndpointDowntimeInfo: See the GOC DB for downtimes: https://goc.egi.eu/
GLUE2EndpointImplementationVersion: 2.3.6
GLUE2EndpointSemantics: https://edms.cern.ch/file/571273/2/LB-guide.pdf
GLUE2EndpointIssuerCA: /C=IT/O=INFN/CN=INFN CA
GLUE2EndpointServingState: production
objectClass: GLUE2Endpoint
GLUE2EndpointInterfaceVersion: 3.3.1
GLUE2EndpointImplementationName: LB
GLUE2EndpointTrustedCA: IGTf
GLUE2EndpointID: cert-13.cnaf.infn.it_lbserver_201164012_org.glite.lb.Server_201164012
GLUE2EndpointHealthStateInfo: glite-lb-notif-interlogd not running (stale pidfile) glite-lb-interlogd for proxy running as 15023 glite-lb-bkserverd running as 14958 glite-jp-importer not running (disabled)
GLUE2EndpointStartTime: 2012-10-03T10:20:02Z
GLUE2EntityCreationTime: 2012-10-03T10:23:57Z

# DN_1, cert-13.cnaf.infn.it_wmproxy_13056159_org.glite.wms.WMPProxy_13056159, cert-13.cnaf.infn.it_wmproxy_13056159, resource, glue
dn: GLUE2ExtensionLocalID=DN_1, GLUE2EndpointID=cert-13.cnaf.infn.it_wmproxy_13
```


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```
056159_org.glite.wms.WMProxy_13056159, GLUE2ServiceID=cert-13.cnaf.infn.it_wmproxy_13056159, GLUE2GroupID=resource, o=glue
GLUE2ExtensionLocalID: DN_1
GLUE2ExtensionKey: DN
objectClass: GLUE2Extension
GLUE2ExtensionValue: /C=IT/O=INFN/OU=Host/L=CNAF/CN=cert-13.cnaf.infn.it
GLUE2ExtensionEntityForeignKey: cert-13.cnaf.infn.it_wmproxy_13056159_org.glite.wms.WMProxy_13056159

# cert-13.cnaf.infn.it_wmproxy_13056159_org.glite.wms.WMProxy_13056159_Policy, cert-13.cnaf.infn.it_wmproxy_13056159_org.glite.wms.WMProxy_13056159, cert-13.cnaf.infn.it_wmproxy_13056159, resource, glue
dn: GLUE2PolicyID=cert-13.cnaf.infn.it_wmproxy_13056159_org.glite.wms.WMProxy_13056159_Policy, GLUE2EndpointID=cert-13.cnaf.infn.it_wmproxy_13056159_org.glite.wms.WMProxy_13056159, GLUE2ServiceID=cert-13.cnaf.infn.it_wmproxy_13056159, GLUE2GroupID=resource, o=glue
GLUE2AccessPolicyEndpointForeignKey: cert-13.cnaf.infn.it_wmproxy_13056159_org.glite.wms.WMProxy_13056159
GLUE2EntityValidity: 3600
objectClass: GLUE2Policy
objectClass: GLUE2AccessPolicy
GLUE2PolicyRule: VO:testers.eu-emi.eu
GLUE2PolicyRule: VO:testers2.eu-emi.eu
GLUE2PolicyRule: VO:cms
GLUE2PolicyRule: VO:dteam
GLUE2PolicyRule: VO:infngrid
GLUE2PolicyScheme: org.glite.standard
GLUE2EntityOtherInfo: InfoProviderName=glite-info-glue2-endpoint
GLUE2EntityOtherInfo: InfoProviderVersion=1.2
GLUE2EntityOtherInfo: InfoProviderHost=cert-13.cnaf.infn.it
GLUE2PolicyUserDomainForeignKey: testers.eu-emi.eu
GLUE2PolicyUserDomainForeignKey: testers2.eu-emi.eu
GLUE2PolicyUserDomainForeignKey: cms
GLUE2PolicyUserDomainForeignKey: dteam
GLUE2PolicyUserDomainForeignKey: infngrid
GLUE2PolicyID: cert-13.cnaf.infn.it_wmproxy_13056159_org.glite.wms.WMProxy_13056159_Policy
GLUE2EntityName: Access control rules for Endpoint cert-13.cnaf.infn.it_wmproxy_13056159_org.glite.wms.WMProxy_13056159
GLUE2EntityCreationTime: 2012-10-03T10:23:57Z

# cert-13.cnaf.infn.it_lbserver_201164012_org.glite.lb.Server_201164012_Policy, cert-13.cnaf.infn.it_lbserver_201164012_org.glite.lb.Server_201164012, cert-13.cnaf.infn.it_lbserver_201164012, resource, glue
dn: GLUE2PolicyID=cert-13.cnaf.infn.it_lbserver_201164012_org.glite.lb.Server_201164012_Policy, GLUE2EndpointID=cert-13.cnaf.infn.it_lbserver_201164012_org.glite.lb.Server_201164012, GLUE2ServiceID=cert-13.cnaf.infn.it_lbserver_201164012, GLUE2GroupID=resource, o=glue
GLUE2EntityValidity: 3600
objectClass: GLUE2Policy
objectClass: GLUE2AccessPolicy
GLUE2PolicyRule: ALL
GLUE2PolicyScheme: org.glite.standard
GLUE2EntityOtherInfo: InfoProviderName=glite-info-glue2-endpoint
GLUE2EntityOtherInfo: InfoProviderVersion=1.2
GLUE2EntityOtherInfo: InfoProviderHost=cert-13.cnaf.infn.it
GLUE2AccessPolicyEndpointForeignKey: cert-13.cnaf.infn.it_lbserver_201164012_org.glite.lb.Server_201164012
GLUE2PolicyID: cert-13.cnaf.infn.it_lbserver_201164012_org.glite.lb.Server_201164012_Policy
GLUE2EntityName: Access control rules for Endpoint cert-13.cnaf.infn.it_lbserver_201164012_org.glite.lb.Server_201164012
GLUE2EntityCreationTime: 2012-10-03T10:23:57Z

# search result
search: 2
result: 0 Success
```

```
# numResponses: 11
# numEntries: 10
```

Performance test

Stress test - PASSED

- 2880 collection of 25 nodes each (total: 72000 jobs)
- One collection every 60 seconds
- one user
- Use LCG-CEs and CREAM-CEs (with different batch systems)
- Use automatic-delegation
- The job is a `ls -l`
- Resubmission is enabled
- Enable proxy renewal

```
[capannini@cert-17 StressTest]$ ./StressTest.sh -t 2880 -n 25 -c ~/wms_cert-13.conf -j ls.jdl
Test starts on ven ago 31 17:32:10 CEST 2012: submit 2880 collections (of 25 nodes) with a frequency
```

Results

```
2880 jobs submitted in 9286 seconds: 1/3/35 (min/avg/max)
Test finishes at dom set 2 17:31:34 CEST 2012
```

```
[capannini@cert-17 output]$ ../../logininfo.sh -e 57
```

```
Results:
DONE      :      67701
NOTDone   :        13
Aborted   :       386
-----
Total    :      68100
```

```
[capannini@cert-17 output]$ cat *.done|wc -l
67701
```

```
[capannini@cert-17 output]$ cat *.done|grep '8443/cream' |wc -l
65744
```

```
[capannini@cert-17 output]$ cat *.done|grep '2119/jobmanager'|wc -l
1953
```

```
Done jobs on CREAM CE: 65744 (97.1%)
Done jobs on LCG CE: 1953 (2.9%)
```

Regression tests

Bugs attached to this task

Vulnerability bug in ICE's proxy renewal (Advisory-SVG-2012-4073) - PASSED

Link to Advisory: [SVG:Advisory-SVG-2012-4073](#) Check:

```
[cert-13 ~]$ ll /var/ice/persist_dir/
total 532
-rw----- 1 glite glite 6901 Sep 25 12:35 7D5192F0AE706956CDCF6944E6103BC393FD7D71.proxy
-rw-r--r-- 1 glite glite 531456 Sep 26 15:23 ice.db
```

Vulnerability bug in ICE's proxy renewal (Advisory-SVG-2012-4039) - PASSED

Link to Advisory: [SVG:Advisory-SVG-2012-4039](#)

Tested that proxy-renewal is working correctly.

```
2012-09-18 17:25:11,329 DEBUG - iceCommandDelegationRenewal::renewAllDelegations() - There are 1
2012-09-18 17:25:11,329 DEBUG - iceCommandDelegationRenewal::renewAllDelegations() - Contacting M
2012-09-18 17:25:12,849 DEBUG - iceCommandDelegationRenewal::renewAllDelegations() - Proxy renewa
2012-09-18 17:25:12,864 DEBUG - iceCommandDelegationRenewal::renewAllDelegations() - Looking for
2012-09-18 17:25:12,864 INFO - iceCommandDelegationRenewal::renewAllDelegations() - Will Renew De
```

Tested that jdl with nasty commands is not executed.

```
2012-10-08 11:58:17,632 INFO - proxyRenewal::body() - new iteration
2012-10-08 11:58:17,682 ERROR - iceCommandDelegationRenewal::renewAllDelegations() - Proxy renewa
2012-10-08 11:58:17,683 WARN - iceCommandProxyRenewal::renewAllDelegations() - The better proxy [

2012-10-08 12:09:44,718 ERROR - iceCommandSubmit::execute() - TID=[25977088] Error during submit
id for job https://cert-27.cnaf.infn.it:9000/NkVc8BIJMAXbjDGby9waeQ: reason is Authorization fai
2012-10-08 12:09:44,799 ERROR - iceThreadPoolWorker::body() - Command execution got FATAL excepti
t:8443/ce-cream/services/CREAM2]: Failed to create a delegation id for job https://cert-27.cnaf.i
re: Cannot map grid user onto a local account
2012-10-08 12:09:54,706 ERROR - iceCommandDelegationRenewal::renewAllDelegations() - Proxy renewa
wal_core_renew() failed: Error connecting Myproxy server emitb-myproxy.civ.zcu.cz; echo MC was he
2283BE3B74622EA779A659F7F2C.betterproxy: Unknown host "emitb-myproxy.civ.zcu.cz; echo MC was here
echo MC was here > /tmp/intrusion; - timeout=[120] - myproxyserver=[emitb-myproxy.civ.zcu.cz; ec
4EC42AD362E62283BE3B74622EA779A659F7F2C.betterproxy] - HOSTCERT=/var/glite/wms.proxy - HOSTKEY=/v
```

glite-wms-ice-proxy-renew can block indefinitely (<https://savannah.cern.ch/bugs/?95584>) - PASSED

- A short proxy was created:

```
[capannini@cert-17 ~]$ voms-proxy-init --voms dteam -valid 0:10
```

- The submitted jdl was the following:

```
[capannini@cert-17 ~]$ cat bug95584.jdl
```

```
[
Executable = "/bin/sleep";
Arguments = "3600";
InputSandbox = {};
stdoutoutput="stdout";
stderr="stderr";
OutputSandbox = {"stdout","stderr"};
requirements = RegExp("cream.*", other.GlueCEUniqueID);
myproxyserver="emi-demo11.cnaf.infn.it:7000";
]
```

where emi-demo11.cnaf.infn.it can be substituted with any other public machine.

```
2012-09-17 16:52:39,400 DEBUG - iceCommandDelegationRenewal::renewAllDelegations() - Contacting M
2012-09-17 16:53:39,471 ERROR - iceCommandDelegationRenewal::renewAllDelegations() - Proxy renewa
2012-09-17 16:53:39,471 DEBUG - iceCommandDelegationRenewal::renewAllDelegations() - Looking for
2012-09-17 16:53:39,471 INFO - iceCommandDelegationRenewal::renewAllDelegations() - Will Renew De
```

Deregistration of a proxy (2) (<https://savannah.cern.ch/bugs/?83453>) - PASSED

```
Sep 18 10:37:23 cert-13 glite-proxy-renewd[29582]: Proxy /var/proxycache/%2FC%3DIT%2FO%3DINFN%2FO
```

```
Sep 18 10:37:56 cert-13 glite-proxy-renewd[29582]: Proxy /var/glite/spool/glite-renewd/57e4376268
```

**some sensible information should be logged on syslog
(<https://savannah.cern.ch/bugs/?92657>) - PASSED**

```
Sep 18 10:37:23 cert-13 glite_wms_wmproxy_server: submission from cert-17.cnaf.infn.it, DN=/C=IT/  
Sep 18 10:37:24 cert-13 glite-wms-workload_manager: jobid=https://cert-13.cnaf.infn.it:9000/bLxDW
```

**WMS UI emi-wmproxy-api-cpp and emi-wms-ui-api-python still use use
gethostbyaddr/gethostbyname (<https://savannah.cern.ch/bugs/?89668>) - PASSED**

See differences in the code of the example file glite-wmp-job-utilities.cpp and

**Submission with rfc proxy doesn't work (<https://savannah.cern.ch/bugs/?88128>) - PASSED
WITH ANOMALY**

The test is passed also for LCG CE which is anomalous.

```
[capannini@cert-17 ~]$ glite-wms-job-submit -a -c wms_cert-13.conf -r cream-18.pd.infn.it:8443/cr  
Connecting to the service https://cert-13.cnaf.infn.it:7443/glite_wms_wmproxy_server  
  
===== glite-wms-job-submit Success =====  
  
The job has been successfully submitted to the WMPProxy  
Your job identifier is:  
  
https://cert-13.cnaf.infn.it:9000/imAYqIe0msMvJAS961g38g  
  
=====  
[capannini@cert-17 ~]$ glite-wms-job-status https://cert-13.cnaf.infn.it:9000/imAYqIe0msMvJAS961g  
  
===== glite-wms-job-status Success =====  
BOOKKEEPING INFORMATION:  
  
Status info for the Job : https://cert-13.cnaf.infn.it:9000/imAYqIe0msMvJAS961g38g  
Current Status:      Done (Success)  
Logged Reason(s) :  
  - job completed  
  - Job Terminated Successfully  
Exit code:           0  
Status Reason:      Job Terminated Successfully  
Destination:        cream-18.pd.infn.it:8443/cream-lsf-cert  
Submitted:          Tue Sep 18 13:07:00 2012 CEST  
=====
```

**EMI WMS wmproxy init.d script stop/start problems
(<https://savannah.cern.ch/bugs/?89577>) - PASSED**

```
[root@cert-13 ~]# ps -efwww|grep httpd  
glite      2779 29351  0 00:00 ?        00:00:00 /usr/sbin/httpd -k start -f /etc/glite-wms/glite_  
glite      2780 29351  0 00:00 ?        00:00:01 /usr/sbin/httpd -k start -f /etc/glite-wms/glite_  
glite      2781 29351  0 00:00 ?        00:00:01 /usr/sbin/httpd -k start -f /etc/glite-wms/glite_  
glite      2782 29351  0 00:00 ?        00:00:01 /usr/sbin/httpd -k start -f /etc/glite-wms/glite_  
glite      2787 29351  0 00:00 ?        00:00:01 /usr/sbin/httpd -k start -f /etc/glite-wms/glite_  
glite      6961 29351  0 14:20 ?        00:00:00 /usr/sbin/httpd -k start -f /etc/glite-wms/glite_  
glite     17008 29351  0 00:30 ?        00:00:01 /usr/sbin/httpd -k start -f /etc/glite-wms/glite_  
root      21034 17632  0 15:30 pts/0    00:00:00 grep httpd  
glite     22195 29351  0 03:40 ?        00:00:01 /usr/sbin/httpd -k start -f /etc/glite-wms/glite_  
glite     22956 29351  0 01:00 ?        00:00:01 /usr/sbin/httpd -k start -f /etc/glite-wms/glite_  
glite     23049 29351  0 01:00 ?        00:00:01 /usr/sbin/httpd -k start -f /etc/glite-wms/glite_
```

some sensible information should be logged on syslog (<https://savannah.cern.ch/bugs/?92657>) - ~~P~~ASSED

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```
root      29351      1  0 Sep12 ?          00:00:06 /usr/sbin/httpd -k start -f /etc/glite-wms/glite_
glite     30085 29351   0 11:40 ?          00:00:00 /usr/sbin/httpd -k start -f /etc/glite-wms/glite_
[root@cert-13 ~]#
[root@cert-13 ~]# /etc/init.d/glite-wms-wmproxy restart
Restarting /usr/bin/glite_wms_wmproxy_server... ok
[root@cert-13 ~]#
[root@cert-13 ~]#
[root@cert-13 ~]# ps -efwww|grep httpd
glite     21058 29351   0 15:30 ?          00:00:00 /usr/sbin/httpd -k start -f /etc/glite-wms/glite_
glite     21059 29351   0 15:30 ?          00:00:00 /usr/sbin/httpd -k start -f /etc/glite-wms/glite_
glite     21060 29351   0 15:30 ?          00:00:00 /usr/sbin/httpd -k start -f /etc/glite-wms/glite_
glite     21061 29351   0 15:30 ?          00:00:00 /usr/sbin/httpd -k start -f /etc/glite-wms/glite_
glite     21062 29351   0 15:30 ?          00:00:00 /usr/sbin/httpd -k start -f /etc/glite-wms/glite_
glite     21063 29351   0 15:30 ?          00:00:00 /usr/sbin/httpd -k start -f /etc/glite-wms/glite_
root      21065 17632   0 15:30 pts/0      00:00:00 grep httpd
root      29351      1  0 Sep12 ?          00:00:06 /usr/sbin/httpd -k start -f /etc/glite-wms/glite_

[root@cert-13 ~]# /etc/init.d/glite-wms-wmproxy stop; /etc/init.d/glite-wms-wmproxy start
Stopping /usr/bin/glite_wms_wmproxy_server... ok
Starting /usr/bin/glite_wms_wmproxy_server... ok

[capannini@cert-17 ~]$ ssh root@cert-13 '/etc/init.d/glite-wms-wmproxy stop;/etc/init.d/glite-wms-wmproxy start'
root@cert-13's password:
Stopping /usr/bin/glite_wms_wmproxy_server... ok
Starting /usr/bin/glite_wms_wmproxy_server... ok
```

Make some WMS init scripts System V compatible (<https://savannah.cern.ch/bugs/?91115>) - PASSED

```
[root@cert-13 ~]# grep -1 chkconfig /etc/init.d/glite-wms-ice

# chkconfig: 345 95 06
# description: startup script for the ICE process
[root@cert-13 ~]#
[root@cert-13 ~]# grep -1 chkconfig /etc/init.d/glite-wms-wm

# chkconfig: 345 94 06
# description: WMS processing engine
```

Semi-automated service backends configuration for WMS (task #23845, EMI Development Tracker, Done) - PASSED

```
[root@cert-13 ~]# cat /etc/my.cnf
[mysqld]
innodb_flush_log_at_trx_commit=2
innodb_buffer_pool_size=500M
!includedir /etc/mysql/conf.d/
```

innodb_flush_log_at_trx_commit=2 and innodb_buffer_pool_size=500M are what is expected to be present

WMproxy GACLs do not support wildcards (as they used to do) (<https://savannah.cern.ch/bugs/?87261>) - PASSED

with:

```
<gac1 version="0.0.1">
  <entry> <voms> <fqan>/dtea* </fqan></voms> <allow> <exec/> </allow> </entry>
</gac1>
```

GRANT

```
<gac1 version="0.0.1">
  <entry> <voms> <fqan>/dteaM* </fqan></voms> <allow> <exec/> </allow> </entry>
```

EMI WMS wmproxy init.d script stop/start problems(<https://savannah.cern.ch/bugs/?89577>) - PASSED

</gacl>

DENY

```
<gacl version="0.0.1">
  <entry> <voms> <fqan>/dteam</fqan></voms> <allow> <exec/> </allow> </entry>
</gacl>
```

DENY

```
<gacl version="0.0.1">
  <entry> <voms> <fqan>/dteam</fqan></voms> <allow> <exec/> </allow> </entry>
  <entry> <voms> <fqan>/dteam/*</fqan></voms> <allow> <exec/> </allow> </entry>
</gacl>
```

GRANT

WMS logs should keep track of the last 90 days (<https://savannah.cern.ch/bugs/?89871>) - PASSED

```
[root@cert-13 ~]# grep -r rotate\ 90 /etc/logrotate.d/
/etc/logrotate.d/glite-wms-purger:      rotate 90
/etc/logrotate.d/wm:                    rotate 90
/etc/logrotate.d/ice:                   rotate 90
/etc/logrotate.d/jc:                    rotate 90
/etc/logrotate.d/lm:                    rotate 90
/etc/logrotate.d/argus:                 rotate 90
/etc/logrotate.d/lcmaps:                rotate 90
/etc/logrotate.d/globus-gridftp:       rotate 90
/etc/logrotate.d/globus-gridftp:       rotate 90
/etc/logrotate.d/wmproxy:              rotate 90
```

```
[root@cert-13 ~]# grep -r daily /etc/logrotate.d/
/etc/logrotate.d/glite-wms-purger:      daily
/etc/logrotate.d/wm:                    daily
/etc/logrotate.d/ice:                   daily
/etc/logrotate.d/glite-lb-server:       daily
/etc/logrotate.d/jc:                    daily
/etc/logrotate.d/lm:                    daily
/etc/logrotate.d/argus:                 daily
/etc/logrotate.d/lcmaps:                daily
/etc/logrotate.d/globus-gridftp:       daily
/etc/logrotate.d/globus-gridftp:       daily
/etc/logrotate.d/bdii:                  daily
/etc/logrotate.d/wmproxy:              daily
```

yaim-wms changes for Argus based authZ (<https://savannah.cern.ch/bugs/?90760>) - PASSED

Modified siteinfo.def with:

```
USE_ARGUS=yes
```

```
ARGUS_PEPD_ENDPOINTS="https://argus01.lcg.cscs.ch:8154/authz https://argus02.lcg.cscs.ch:8154/aut
```

ran:

```
/opt/glite/yaim/bin/yaim -c -s siteinfo/site-info.def -n WMS
```

```
in glite_wms.conf:
```

```
ArgusAuthz = true;
```

WMproxy GACLs do not support wildcards (as they used to do)(<https://savannah.cern.ch/bugs/?87261>) - PA

```
ArgusPepdEndpoints = {"https://argus01.lcg.cscs.ch:8154/authz", "https://argus02.lcg.cscs.ch:8154
```

glite-wms-check-daemons.sh should not restart daemons under the admin's nose (<https://savannah.cern.ch/bugs/?89674>) - PASSED

```
[root@cert-13 siteinfo]# /etc/init.d/glite-wms-wm stop
stopping workload manager... ok
[root@cert-13 siteinfo]#
[root@cert-13 siteinfo]#
[root@cert-13 siteinfo]# /etc/init.d/glite-wms-wm status
/usr/bin/glite-wms-workload_manager is not running
[root@cert-13 siteinfo]#
[root@cert-13 siteinfo]#
[root@cert-13 siteinfo]# cat /etc/cron.d/glite-wms-check-daemons.cron
HOME=/
MAILTO=root@localhost

*/5 * * * * root . /usr/libexec/grid-env.sh ; sh /usr/libexec/glite-wms-check-daemons.sh > /dev/n
[root@cert-13 siteinfo]# sh /usr/libexec/glite-wms-check-daemons.sh
Stopping glite-lb-notif-interlogd (786) .../etc/init.d/glite-lb-bkserverd: line 104: kill: (786)
done
Stopping glite-lb-bkserverd (744) ... done
glite-jp-importer not running
Stopping glite-lb-interlogd (809) ... done
Starting glite-lb-bkserver ... done
Starting glite-lb-notif-interlogd ... done
Starting glite-lb-interlog for proxy ... done
[root@cert-13 siteinfo]# /etc/init.d/glite-wms-wm status
/usr/bin/glite-wms-workload_manager is not running
[root@cert-13 siteinfo]# ps aux | grep workl
root      1823  0.0  0.0  63304  812 pts/0    S+   11:54   0:00 grep workl
[root@cert-13 siteinfo]# /etc/init.d/glite-wms-wm start
starting workload manager... ok
[root@cert-13 siteinfo]# ps aux | grep workl
glite     1930 57.3  1.5 445008 94188 ?        Ssl  11:54   0:04 /usr/bin/glite-wms-workload_mana
root      1943  0.0  0.0  63304   808 pts/0    S+   11:54   0:00 grep workl
[root@cert-13 siteinfo]# kill -9 1930
[root@cert-13 siteinfo]# sh /usr/libexec/glite-wms-check-daemons.sh
Stopping glite-lb-notif-interlogd (2065) .../etc/init.d/glite-lb-bkserverd: line 104: kill: (2065)
done
Stopping glite-lb-bkserverd (2023) ... done
glite-jp-importer not running
Stopping glite-lb-interlogd (2087) ... done
Starting glite-lb-bkserver ... done
Starting glite-lb-notif-interlogd ... done
Starting glite-lb-interlog for proxy ... done
[root@cert-13 siteinfo]# /etc/init.d/glite-wms-wm status
/usr/bin/glite-wms-workload_manager (pid 2213) is running...
[root@cert-13 siteinfo]# ps aux | grep workl
glite     2213 13.1  1.5 445008 94188 ?        Ssl  11:55   0:04 /usr/bin/glite-wms-workload_mana
root      2463  0.0  0.0  63308   820 pts/0    S+   11:55   0:00 grep workl
```

Wrong location for PID file (<https://savannah.cern.ch/bugs/?89857>) - PASSED

```
[root@cert-13 siteinfo]# /etc/init.d/glite-wms-ice status
/usr/bin/glite-wms-ice-safe (pid 25505) is running...
[root@cert-13 siteinfo]# ll /var/run/glite-wms-ice-safe.pid
-rw-r--r-- 1 root root 6 21 set 11:12 /var/run/glite-wms-ice-safe.pid
[root@cert-13 siteinfo]# cat /var/run/glite-wms-ice-safe.pid
25505
[root@cert-13 siteinfo]# /etc/init.d/glite-wms-ice stop
stopping ICE... ok
[root@cert-13 siteinfo]# /etc/init.d/glite-wms-ice start
starting ICE... ok
[root@cert-13 siteinfo]# ll /var/run/glite-wms-ice-safe.pid
```

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```
-rw-r--r-- 1 root root 5 21 set 12:10 /var/run/glite-wms-ice-safe.pid
[root@cert-13 siteinfo]# cat /var/run/glite-wms-ice-safe.pid
7429
[root@cert-13 siteinfo]# /etc/init.d/glite-wms-ice status
/usr/bin/glite-wms-ice-safe (pid 7429) is running...
[root@cert-13 siteinfo]# /etc/init.d/glite-wms-ice restart
stopping ICE... ok
starting ICE... ok
[root@cert-13 siteinfo]# ps -ef|grep ice
glite      7544      1  0 12:11 ?        00:00:00 /usr/bin/glite-wms-ice-safe --conf glite_wms.conf
glite      7549    7544  0 12:11 ?        00:00:00 sh -c /usr/bin/glite-wms-ice --conf glite_wms.conf
glite      7550    7549  0 12:11 ?        00:00:00 /usr/bin/glite-wms-ice --conf glite_wms.conf /var
root       7586  14289  0 12:11 pts/0    00:00:00 grep ice
```

The job replanner should be configurable (<https://savannah.cern.ch/bugs/?91941>) - PASSED

EnableReplanner=true in the WM conf

```
21 Sep, 12:19:08 -I: [Info] operator() (/home/condor/execute/dir_3851/userdir/emi.wms.wms-manager/
action
```

EnableReplanner=false in the WM conf No "replanner in action" message in the log.

GlueServiceStatusInfo: ?? (<https://savannah.cern.ch/bugs/?89435>) - PASSED

```
[root@cert-13 siteinfo]# /var/lib/bdii/gip/provider/glite-info-provider-service-wmproxy-wrapper|g
GlueServiceStatusInfo: /usr/bin/glite_wms_wmproxy_server is running...
```

WMProxy limiter should log more at info level (<https://savannah.cern.ch/bugs/?72280>) - PASSED

```
24 Sep, 10:20:43 -I- PID: 7383 - "wmpgsoapoperations::ns1__jobRegister": Method: jobRegister
24 Sep, 10:20:43 -I- PID: 7383 - "wmpgsoapoperations::ns1__jobRegister": Code: 1228
24 Sep, 10:20:43 -I- PID: 7383 - "wmpgsoapoperations::ns1__jobRegister": Description: System load
2.4+ kernel w/o ELF notes? -- report this
Threshold for Load Average(1 min): 0 => Detected value for Load Average(1 min): 0.16
```

EMI WMS wmproxy rpm doesn't set execution permissions as it used to do in gLite (<https://savannah.cern.ch/bugs/?89506>) - PASSED WITH SIDENOTE

Note: the test has been executed AFTER running yaim and not BEFORE.

```
[root@cert-13 ~]# ll /usr/libexec/glite_wms_wmproxy_dirmanager
-rwsr-xr-x 1 root root 22637 18 lug 13:57 /usr/libexec/glite_wms_wmproxy_dirmanager
[root@cert-13 ~]# ll /usr/sbin/glite_wms_wmproxy_load_monitor
-rwsr-xr-x 1 root root 22918 18 lug 13:57 /usr/sbin/glite_wms_wmproxy_load_monitor
```

yaim-wms: set ldap query filter expression for GLUE2 in WMS configuration (<https://savannah.cern.ch/bugs/?91563>) - PASSED

```
[root@cert-13 ~]# grep G2LDAP /etc/glite-wms/glite_wms.conf
IsmIiG2LDAPCEFilterExt = "( (&(objectclass=GLUE2ComputingService) (|(GLUE2ServiceType=org.glu
IsmIiG2LDAPSEFilterExt = "( |(objectclass=GLUE2StorageService) (|(objectclass=GLUE2StorageMa
```

JobController logfile name is misspelled (<https://savannah.cern.ch/bugs/?32611>) - PASSED

```
[root@cert-13 ~]# grep jobcontroller /etc/glite-wms/glite_wms.conf
LogFile = "${WMS_LOCATION_LOG}/jobcontroller_events.log";
```

Wrong location for PID file (<https://savannah.cern.ch/bugs/?89857>) - PASSED

glite-wms-job-submit doesn't always pick up other WMPProxy endpoints if load on WMS is high (<https://savannah.cern.ch/bugs/?40370>) - HOPEFULLY FIXED

[wms] GlueServiceStatusInfo content is ugly (<https://savannah.cern.ch/bugs/?48068>) - PASSED

```
[root@cert-13 ~]# /etc/init.d/glite-wms-wmproxy status
/usr/bin/glite_wms_wmproxy_server is running...
```

[yaim-wms] CeForwardParameters should include several more parameters (<https://savannah.cern.ch/bugs/?61315>) - PASSED

```
[root@cert-13 ~]# grep CeF /etc/glite-wms/glite_wms.conf
CeForwardParameters = {"GlueHostMainMemoryVirtualSize", "GlueHostMainMemoryRAMSize", "GlueCEP
```

There's an un-catched out_of_range exception in the ICE component (<https://savannah.cern.ch/bugs/?75099>) - PASSED

```
[capannini@cert-17 ~]$ glite-wms-job-status https://cert-13.cnaf.infn.it:9000/rW__zcb8CtHEE-vhJ40
```

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

BOOKKEEPING INFORMATION:

```
Status info for the Job : https://cert-13.cnaf.infn.it:9000/rW__zcb8CtHEE-vhJ40X-Q
Current Status:      Done (Success)
Logged Reason(s):
  - job completed
  - Job Terminated Successfully
Exit code:          0
Status Reason:      Job Terminated Successfully
Destination:        cream-19.pd.infn.it:8443/cream-lsf-cert
Submitted:          Mon Sep 24 12:20:30 2012 CEST
=====
```

Last LB event logged by ICE when job aborted for proxy expired should be ABORTED (<https://savannah.cern.ch/bugs/?84839>) - PASSED

```
2012-09-24 12:48:40,035 INFO - iceLBLogger::logEvent() - Job Aborted Event, reason=[Proxy is expi
```

```
[capannini@cert-17 ~]$ glite-wms-job-status https://cert-13.cnaf.infn.it:9000/e14r-KeN3xDuD8mZkU_
```

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

BOOKKEEPING INFORMATION:

```
Status info for the Job : https://cert-13.cnaf.infn.it:9000/e14r-KeN3xDuD8mZkU_q2w
Current Status:      Aborted
Logged Reason(s):
  - Proxy is expired; Job has been terminated (got SIGTERM)
Status Reason:      Proxy is expired; Job has been terminated (got SIGTERM)
Destination:        cream-39.pd.infn.it:8443/cream-pbs-creamtest1
Submitted:          Mon Sep 24 12:45:02 2012 CEST
=====
```

glite-wms-job-status needs a better handling of purged-related error code. (<https://savannah.cern.ch/bugs/?85063>) - HOPEFULLY FIXED

[IDLE] [N/A]
[IDLE] [N/A]

34 item(s) found

```
[root@cert-13 ~]# /usr/bin/queryDb --conf glite_wms.conf -vSw
[REALLY-RUNNING] [prod-wn-001.pn.pd.infn.it]
[REALLY-RUNNING] [prod-wn-003.pn.pd.infn.it]
[REALLY-RUNNING] [cream-wn-032.pn.pd.infn.it]
[REALLY-RUNNING] [prod-wn-002.pn.pd.infn.it]
[REALLY-RUNNING] [prod-wn-001.pn.pd.infn.it]
[REALLY-RUNNING] [prod-wn-002.pn.pd.infn.it]
[REALLY-RUNNING] [prod-wn-003.pn.pd.infn.it]
[REALLY-RUNNING] [prod-wn-001.pn.pd.infn.it]
[IDLE] [N/A]
[IDLE] [N/A]
[REALLY-RUNNING] [cream-wn-032.pn.pd.infn.it]
[IDLE] [N/A]
[REALLY-RUNNING] [prod-wn-002.pn.pd.infn.it]
[IDLE] [N/A]
[IDLE] [N/A]
[IDLE] [N/A]
[IDLE] [N/A]
[IDLE] [N/A]
[REALLY-RUNNING] [prod-wn-003.pn.pd.infn.it]
[IDLE] [N/A]
[REALLY-RUNNING] [prod-wn-003.pn.pd.infn.it]
[REALLY-RUNNING] [prod-wn-001.pn.pd.infn.it]
[IDLE] [N/A]
[IDLE] [N/A]
[REALLY-RUNNING] [prod-wn-002.pn.pd.infn.it]
[IDLE] [N/A]
[REALLY-RUNNING] [cream-wn-032.pn.pd.infn.it]
[IDLE] [N/A]
[IDLE] [N/A]
[REALLY-RUNNING] [prod-wn-002.pn.pd.infn.it]
[REALLY-RUNNING] [prod-wn-001.pn.pd.infn.it]
[IDLE] [N/A]
[IDLE] [N/A]
[IDLE] [N/A]
[IDLE] [N/A]
[IDLE] [N/A]
[IDLE] [N/A]
[REALLY-RUNNING] [prod-wn-003.pn.pd.infn.it]
[REALLY-RUNNING] [cream-wn-032.pn.pd.infn.it]
[REALLY-RUNNING] [prod-wn-001.pn.pd.infn.it]
[IDLE] [N/A]
[REALLY-RUNNING] [cream-wn-032.pn.pd.infn.it]
[IDLE] [N/A]
[IDLE] [N/A]
[IDLE] [N/A]
[REALLY-RUNNING] [cream-wn-032.pn.pd.infn.it]
[IDLE] [N/A]
[IDLE] [N/A]
[IDLE] [N/A]
[REALLY-RUNNING] [cream-wn-032.pn.pd.infn.it]
[IDLE] [N/A]
[IDLE] [N/A]
[IDLE] [N/A]
[REALLY-RUNNING] [prod-wn-002.pn.pd.infn.it]
[IDLE] [N/A]
[IDLE] [N/A]
[REALLY-RUNNING] [prod-wn-003.pn.pd.infn.it]
[IDLE] [N/A]
[IDLE] [N/A]
```

59 item(s) found

EMI WMS wmpoxy rpm doesn't set execution permissions as it used to do in gLite (<https://savannah.cern.ch/bugs/?89506>) - FIXED

```
[root@cert-13 ~]# ll /usr/sbin/glite_wms_wmpoxy_load_monitor /usr/bin/glite_wms_wmpoxy_server /
-rwxr-xr-x 1 root root 1876 18 lug 13:57 /usr/bin/glite-wms-wmpoxy-purge-proxycache
-rwxr-xr-x 1 root root 3059579 18 lug 13:57 /usr/bin/glite_wms_wmpoxy_server
-rwsr-xr-x 1 root root 22637 18 lug 13:57 /usr/libexec/glite_wms_wmpoxy_dirmanager
-rwsr-xr-x 1 root root 22918 18 lug 13:57 /usr/sbin/glite_wms_wmpoxy_load_monitor
```

yaim-wms creates wms.proxy in wrong path (<https://savannah.cern.ch/bugs/?90129>) - FIXED

```
[root@cert-13 ~]# ll ${WMS_LOCATION_VAR}/glite/wms.proxy
-rw----- 1 glite glite 2670 25 set 06:03 /var/glite/wms.proxy
[root@cert-13 ~]# ll ${WMS_LOCATION_VAR}/wms.proxy
ls: /var/wms.proxy: No such file or directory
```

ICE log verbosity should be reduced to 300 (<https://savannah.cern.ch/bugs/?91078>) - FIXED

```
[root@cert-13 ~]# grep ice_log_level /etc/glite-wms/glite_wms.conf
ice_log_level = 300;
```

move lcmsaps.log from /var/log/glite to WMS_LOCATION_LOG (<https://savannah.cern.ch/bugs/?91484>) - ANOMALY

/var/log/wms/lcmsaps.log exists but is empty. /var/log/glite/lcmsaps.log also exists and is not empty.

```
[root@cert-13 ~]# ll $WMS_LOCATION_LOG/lcmsaps.log ; ll /var/log/glite/lcmsaps.log
-rw-r--r-- 1 glite glite 0 25 set 04:02 /var/log/wms/lcmsaps.log
-rw-r--r-- 1 glite glite 399456 4 set 10:54 /var/log/glite/lcmsaps.log
```

WMS: use logrotate uniformly in ice, lm, jc, wm, wmp (<https://savannah.cern.ch/bugs/?91486>) - ANOMALY

Also /etc/cron.d/wmpoxy_logrotate is present.

```
[root@cert-13 ~]# grep -r rotate /etc/cron.d
/etc/cron.d/wmpoxy_logrotate:0 */2 * * * root /usr/sbin/logrotate -v /etc/glite-wms/wmpoxy_logrotate
[root@cert-13 ~]# rpm -qf /etc/cron.d/wmpoxy_logrotate
il file /etc/cron.d/wmpoxy_logrotate non è posseduto da alcun pacchetto
```

```
[root@cert-13 ~]# ll /etc/logrotate.d/
totale 120
-rw-r--r-- 1 root root 131 24 set 11:59 argus
-rw-r--r-- 1 root root 106 27 lug 15:13 bdii
-rw-r--r-- 1 root root 147 14 apr 2011 exem
-rw-r--r-- 1 root root 198 11 feb 2012 fail2ban
-rw-r--r-- 1 root root 109 24 set 11:58 fetch-crl
-rw-r--r-- 1 root root 194 30 lug 22:26 glite-lb-server
-rw-r--r-- 1 root root 148 24 set 11:59 glite-wms-purger
-rw-r--r-- 1 root root 240 10 mag 2011 globus-gridftp
-rw-r--r-- 1 root root 167 27 feb 2012 httpd
-rw-r--r-- 1 root root 129 24 set 11:59 ice
-rw-r--r-- 1 root root 173 21 feb 2012 iscsiuiolog
-rw-r--r-- 1 root root 146 24 set 11:59 jc
-rw-r--r-- 1 root root 132 24 set 11:59 lcmsaps
-rw-r--r-- 1 root root 73 19 dic 2011 lemon-agent
-rw-r--r-- 1 root root 163 21 feb 2012 libvirt
-rw-r--r-- 1 root root 143 24 set 11:59 lm
```

EMI WMS wmpoxy rpm doesn't set execution permissions as it used to do in gLite (<https://savannah.cern.ch/bugs/?91486>) - ANOMALY

```
-rw-r--r-- 1 root root 264 21 ago 23:41 puppet
-rw-r--r-- 1 root root 61 3 apr 18:44 rpm
-rw-r--r-- 1 root root 167 21 feb 2012 snmpd
-rw-r--r-- 1 root root 306 31 mar 2010 syslog
-rw-r--r-- 1 root root 149 24 set 11:59 wm
-rw-r--r-- 1 root root 212 24 set 11:59 wmpoxy
-rw-r--r-- 1 root root 100 28 feb 2012 yum
```

remove several dismissed parameters from the WMS configuration (<https://savannah.cern.ch/bugs/?91488>) - PASSED

```
[root@cert-13 ~]# grep -iE 'log_file_max_size|log_rotation_base_file|log_rotation_max_file_number
[root@cert-13 ~]#
[root@cert-13 ~]#
```

WMS needs cron job to kill stale GridFTP processes (<https://savannah.cern.ch/bugs/?67489>) - PASSED WITH NOTE IN THE RELNOTES

The rpm kill-stale-ftp has to be install explicitly on the wms as it is not specified in the dependencies of the metapackage.

An install note should be added to the release notes.

```
[root@cert-13 ~]# cat /etc/cron.d/kill-stale-ftp.cron
PATH=/sbin:/bin:/usr/sbin:/usr/bin
5,15,25,35,45,55 * * * * root /sbin/kill-stale-ftp.sh >> /var/log/kill-stale-ftp.log 2>&1

[root@cert-13 ~]# tail -2 /var/log/kill-stale-ftp.log
=== START Wed Sep 26 10:35:01 CEST 2012 PID 7722
=== READY Wed Sep 26 10:35:01 CEST 2012 PID 7722
```

ICE should use env vars in its configuration (<https://savannah.cern.ch/bugs/?90830>) - PASSED

```
[root@cert-13 ~]# grep -E 'persist_dir|Input|ice_host_cert|ice_host_key' /etc/glite-wms/glite_wms
ice_host_cert = "${GLITE_HOST_CERT}";
Input = "${WMS_LOCATION_VAR}/ice/jobdir";
persist_dir = "${WMS_LOCATION_VAR}/ice/persist_dir";
ice_host_key = "${GLITE_HOST_KEY}";
MaxInputSandboxSize = 100000000;
MaxInputSandboxSize = 100000000;
Input = "${WMS_LOCATION_VAR}/workload_manager/jobdir";
Input = "${WMS_LOCATION_VAR}/jobcontrol/jobdir/";
```

cron job deletes /var/proxycache (<https://savannah.cern.ch/bugs/?90640>) - PASSED

```
[root@cert-13 ~]# grep proxycache /etc/cron.d/*
/etc/cron.d/glite-wms-wmproxy-purge-proxycache.cron:0 */6 * * * root . /usr/libexec/grid-env.sh ;

[root@cert-13 ~]# grep find /usr/bin/glite-wms-wmproxy-purge-proxycache
find $1 -mindepth 1 -cmin +60 > $tmp_file
```

ICE jobdir issue - 1 bad CE can block all jobs (<https://savannah.cern.ch/bugs/?80751>) - HOPEFULLY FIXED

EMI-1 WMS does not propagate user job exit code (<https://savannah.cern.ch/bugs/?92922>) - PASSED

```
[capannini@cert-17 ~]$ glite-wms-job-status https://cert-13.cnaf.infn.it:9000/E78kEd900qxwHxRl90p
===== glite-wms-job-status Success =====
```

WMS: use logrotate uniformly in ice, lm, jc, wm, wmp(<https://savannah.cern.ch/bugs/?91486>) - ANOMALY

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BOOKKEEPING INFORMATION:

```
Status info for the Job : https://cert-13.cnaf.infn.it:9000/E78kEd900qxwHxRl9Op_BQ
Current Status:      Done (Exit Code !=0)
Exit code:          1
Status Reason:      Warning: job exit code != 0
Destination:        cream-26.pd.infn.it:2119/jobmanager-lcgpbs-creamtest1
Submitted:          Wed Sep 26 12:04:59 2012 CEST
```

glite_wms_wmproxy_server segfaults after job registration failure (<https://savannah.cern.ch/bugs/?94845>) - PASSED

```
[capannini@cert-17 ~]$ glite-wms-job-submit -a -c wms_cert-13.conf coll.jdl
```

```
Connecting to the service https://cert-13.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

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

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

```
https://cert-13.cnaf.infn.it:9000/dP-iquaengaXA-gNbKE43mA
```

LB failover mechanism in WMproxy needs to be reviewed (<https://savannah.cern.ch/bugs/?90034>) - PASSED

```
[capannini@cert-17 ~]$ glite-wms-job-submit -a -c wms_cert-13.conf coll.jdl
```

```
Connecting to the service https://cert-13.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

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

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

```
https://cert-13.cnaf.infn.it:9000/1JYPH9lsU_MP6QZTZFcnpQ
```

Cancellation of a dag's node doesn't work (<https://savannah.cern.ch/bugs/?81651>) - PASSED

```
[capannini@cert-17 dag]$ glite-wms-job-cancel https://cert-13.cnaf.infn.it:9000/pm96__EY_PiF3FQtK
```

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

```
Connecting to the service https://cert-13.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

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

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

```
- https://cert-13.cnaf.infn.it:9000/pm96__EY_PiF3FQtK1HKvw
```

```
[capannini@cert-17 dag]$ glite-wms-job-status https://cert-13.cnaf.infn.it:9000/pm96__EY_PiF3FQtK
```

EMI-1 WMS does not propagate user job exit code (<https://savannah.cern.ch/bugs/?92922>)- PASSED

WMSTask21060SL5 < IGIRelease < TWiki

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

BOOKKEEPING INFORMATION:

Status info for the Job : https://cert-13.cnaf.infn.it:9000/pm96__EY_PiF3FQtK1HKvw
Current Status: Cancelled
Logged Reason(s):
- Aborted by user
Status Reason: Aborted by user
Destination: dagman
Submitted: Thu Sep 27 11:53:59 2012 CEST

- Nodes information for:

Status info for the Job : <https://cert-13.cnaf.infn.it:9000/-XWtP151Uvn4AwJjP6SNQA>
Current Status: Cancelled
Logged Reason(s):
- Job has been terminated (got SIGTERM)
Destination: cmsrm-cream02.roma1.infn.it:8443/cream-lsf-cmsgcert
Submitted: Thu Sep 27 11:53:59 2012 CEST

Status info for the Job : <https://cert-13.cnaf.infn.it:9000/JG7bf-WUJI3GKR0UexOYTw>
Current Status: Aborted
Logged Reason(s):
- Transfer to CREAM failed due to exception: Failed to create a delegation id for job htt
Status Reason: failed (LB query failed)
Destination: grisuce.scope.unina.it:8443/cream-pbs-egeecert
Submitted: Thu Sep 27 11:53:59 2012 CEST

Status info for the Job : https://cert-13.cnaf.infn.it:9000/r6FE2fuwd_vD2IGmrq70nA
Current Status: Cancelled
Logged Reason(s):
- Job Terminated Successfully
Destination: cccreamceli05.in2p3.fr:8443/cream-sge-medium
Submitted: Thu Sep 27 11:53:59 2012 CEST

Status info for the Job : <https://cert-13.cnaf.infn.it:9000/sAKrpePmoCylad88FOVdxw>
Current Status: Aborted
Logged Reason(s):
- Transfer to CREAM failed due to exception: Failed to create a delegation id for job htt
Status Reason: failed (LB query failed)
Destination: grisuce.scope.unina.it:8443/cream-pbs-egeecert
Submitted: Thu Sep 27 11:53:59 2012 CEST

Status info for the Job : <https://cert-13.cnaf.infn.it:9000/yQW0dmv0PRSmDUd2QPfpbQ>
Current Status: Cancelled
Submitted: Thu Sep 27 11:53:59 2012 CEST

EMI WMS WM might abort resubmitted jobs (<https://savannah.cern.ch/bugs/?89508>) - HOPEFULLY FIXED

Apparently there is no CE which doesn't publish GlueCEInfoHostName.

```
$ ldapsearch -x -H ldap://egee-bdii.cnaf.infn.it:2170 -b mds-vo-name=local,o=grid |egrep 'dn: GlueCEInfoHostName pippo.txt'
4348
$ grep -c GlueCEInfoHostName pippo.txt
4348
$ ldapsearch -x -H ldap://cert-bdii-04.cnaf.infn.it:2170 -b mds-vo-name=local,o=grid |egrep 'dn: GlueCEUniqueID pluto.txt'
$ grep -c GlueCEUniqueID pluto.txt
```

Cancellation of a dag's node doesn't work (<https://savannah.cern.ch/bugs/?81651>) - PASSED

```
779
$ grep -c GlueCEInfoHostName pluto.txt
779
```

WMPProxy code requires FQANs (<https://savannah.cern.ch/bugs/?72169>) - HOPEFULLY FIXED

The WMP code has been changed as requested in the ticket

```
// gacl file has a valid entry for user proxy without fqan
if (execDN || execAU){
exec = execDN = execAU = true;
}
```

Certificates signed by Terena cause job submission from gLite WMS to ARC CE fail (<https://savannah.cern.ch/bugs/?97185>) - HOPEFULLY FIXED

The test requires a proxy from the Terena VO which we don't have.

Pid file of ICE and WM has glite ownership (<https://savannah.cern.ch/bugs/?91834>) - PASSED

```
[root@cert-13 ~]# ll /var/run/glite-wms-ice-safe.pid /var/run/glite-wms-workload_manager.pid
-rw-r--r-- 1 root root 5 1 ott 12:10 /var/run/glite-wms-ice-safe.pid
-rw-r--r-- 1 root root 5 1 ott 12:07 /var/run/glite-wms-workload_manager.pid
```

getaddrinfo() sorts results according to RFC3484, but random ordering is lost (<https://savannah.cern.ch/bugs/?82779>) - PASSED

```
[capannini@emitestbed16 ~]$ nslookup wms-cms-analysis.grid.cnaf.infn.it
Server: 131.154.3.1
Address: 131.154.3.1#53
```

```
Name: wms-cms-analysis.grid.cnaf.infn.it
Address: 131.154.101.15
Name: wms-cms-analysis.grid.cnaf.infn.it
Address: 131.154.101.25
Name: wms-cms-analysis.grid.cnaf.infn.it
Address: 131.154.101.83
Name: wms-cms-analysis.grid.cnaf.infn.it
Address: 131.154.101.3
Name: wms-cms-analysis.grid.cnaf.infn.it
Address: 131.154.101.8
```

```
[capannini@emitestbed16 ~]$ glite-wms-job-submit -a -e https://wms-cms-analysis.grid.cnaf.infn.it
```

```
Connecting to the service https://wms012.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

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

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

```
https://wms012.cnaf.infn.it:9000/SkB_TFpuYZxmbFX14eq8fw
```

```
[capannini@emitestbed16 ~]$
[capannini@emitestbed16 ~]$
[capannini@emitestbed16 ~]$ glite-wms-job-submit -a -e https://wms-cms-analysis.grid.cnaf.infn.it
```

EMI WMS WM might abort resubmitted jobs (<https://savannah.cern.ch/bugs/?89508>) -HOPEFULLYFIXED

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Connecting to the service https://wms003.cnaf.infn.it:7443/glite_wms_wmproxy_server

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

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

https://wms003.cnaf.infn.it:9000/_QJzlxGF5JBdSRpr6NgD0Q

```
[capannini@emitestbed16 ~]$  
[capannini@emitestbed16 ~]$  
[capannini@emitestbed16 ~]$ glite-wms-job-submit -a -e https://wms-cms-analysis.grid.cnaf.infn.it
```

Connecting to the service https://wms019.cnaf.infn.it:7443/glite_wms_wmproxy_server

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

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

<https://wms019.cnaf.infn.it:9000/4tGQL5JJALyQJ5N1R6DHAw>

Files specified with absolute paths shouldn't be used with inputsandboxbaseuri (<https://savannah.cern.ch/bugs/?74832>) - PASSED

Verified that JDL described in the bug is correctly handled by activating debug (--debug); the debug log showed that the file /etc/fstab is correctly staged from the UI node via gsiftp.

Too much flexibility in JDL syntax (<https://savannah.cern.ch/bugs/?75802>) - PASSED

Verified with --debug that glite-wms-job-submit:

```
dorigoa@cream-01 11:00:47 ~/emi/wmsui_emi2>grep -i environment jdl2  
environment = "FOO=bar";
```

```
dorigoa@cream-01 11:50:02 ~/emi/wmsui_emi2>stage/usr/bin/glite-wms-job-submit --debug -a -c ~/JDL  
[...]
```

```
-----  
07 March 2012, 11:50:45 -I- PID: 3397 (Debug) - Registering JDL [ stdoutoutput = "out3.out"; Signifi  
[...]
```

So the mangling Environment = "FOO=bar"; -> Environment = { "FOO=bar" }; occurs correctly.

glite-wms-job-status needs a json-compliant format (<https://savannah.cern.ch/bugs/?82995>) - PASSED

```
dorigoa@lxgrid05 14:20:13 ~/emi/wmsui_emi2>stage/usr/bin/glite-wms-job-status --json https://wms0
```

```
{ "result": "success" , "https://wms014.cnaf.infn.it:9000/pVQojatZbyoj_Pyab66_dw": { "Current Sta
```

pkg-config info for wmproxy-api-cpp should be enriched (<https://savannah.cern.ch/bugs/?85799>) - PASSED

```
[root@devel09 ~]# rpm -ql glite-wms-wmproxy-api-cpp-devel  
/usr/include/glite
```

getaddrinfo() sorts results according to RFC3484, but random ordering is lost(<https://savannah.cern.ch/bugs>)

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```
/usr/include/glite/wms
/usr/include/glite/wms/wmproxyapi
/usr/include/glite/wms/wmproxyapi/wmproxy_api.h
/usr/include/glite/wms/wmproxyapi/wmproxy_api_utilities.h
/usr/lib64/libglite_wms_wmproxy_api_cpp.so
/usr/lib64/pkgconfig/wmproxy-api-cpp.pc
[root@devel09 ~]# cat /usr/lib64/pkgconfig/wmproxy-api-cpp.pc
prefix=/usr
exec_prefix=${prefix}
libdir=${exec_prefix}/lib64
includedir=${prefix}/include

Name: wmproxy api cpp
Description: WMPProxy C/C++ APIs
Version: 3.3.3
Requires: emi-gridsite-openssl
Libs: -L${libdir} -lglite_wms_wmproxy_api_cpp
Cflags: -I${includedir}
```

glite-wms-job-list-match --help show an un-implemented (and useless) option "--default-jdl" (https://savannah.cern.ch/bugs/?87444) - PASSED

The command `glite-wms-job-list-match --help` doesn't show that option anymore.

WMS UI depends on a buggy libtar (on SL5 at least) (https://savannah.cern.ch/bugs/?89443) - PASSED

```
dorigoa@lxgrid05 16:01:39 ~/emi/wmsui_emi2>cat ~/JDLs/WMS/wms_test_tar_bug.jdl
```

```
[
AllowZippedISB = true;
Executable = "/bin/ls" ;
Arguments = "-lha " ;
Stdoutput = "ls.out" ;
InputSandbox = {"isb1", "isb2", "isb3", "temp/isb4"};
OutputSandbox = { ".BrokerInfo", "ls.out" } ;
Retrycount = 2;
ShallowRetryCount = -1;
usertags = [ bug = "#82687" ];
VirtualOrganisation="dteam";
]
```

```
dorigoa@lxgrid05 16:01:41 ~/emi/wmsui_emi2>stage/usr/bin/glite-wms-job-submit --debug -a -e https
```

```
[ ... ]
```

```
28 March 2012, 16:02:21 -I- PID: 14236 (Debug) - File Transfer (gsiftp)
```

```
Command: /usr/bin/globus-url-copy
```

```
Source: file:///tmp/ISBfiles_YaMkV2gJJbDD38QUNR5DA_0.tar.gz
```

```
Destination: gsiftp://devel09.cnaf.infn.it:2811/var/SandboxDir/p_/https_3a_2f_2fdevel09.cnaf.infn
```

```
-----
```

```
28 March 2012, 16:02:22 -I- PID: 14236 (Debug) - File Transfer (gsiftp) Transfer successfully don
```

```
[ ... ]
```

Standard Conformance Tests

Glue 1 Compliance - PASSED

```
[caifti@cert-13 ~]$ glue-validator -t glue1 -h cert-13.cnaf.infn.it -p 2170 -b o=grid
Validating data types. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying the existence of mandatory attributes. ... ok
```

pkg-config info for `wmproxy-api-cpp` should be enriched(https://savannah.cern.ch/bugs/?85799) - ~~PASSED~~

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Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok
Validating data types. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok
Verifying single-valued attributes only have one value. ... ok

Ran 40 tests in 0.009s

OK

This topic: IGIRelease > WMSTask21060SL5

Topic revision: r54 - 2012-11-30 - FabioCapannini



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