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WMS v. 3.4 (SL6) 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 1 (Kebnekaise)**
- Platform: SL6 (x86_64)
- Outcome: **PASSED**

Deployment Tests

Clean installation

- Starting from a SL6 x86_64 kernel machine:

```
[root@cert-27 ~]# cat /etc/redhat-release
Scientific Linux SL release 6.2 (Carbon)
[root@cert-27 ~]# uname -a
Linux cert-13.cnaf.infn.it 2.6.32-220.el6.x86_64
```

INSTALL LOG : See attachment 20120828_174227_EMI2_CERT_INSTALL_wms3.4_SL6.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/sl6/x86_64/base/emi-release-2.0.0-1.sl6.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
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
/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 status
```

Update

- NOT APPLICABLE

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-27.cnaf.infn.it:9000/c02D_FC8SJ
===== glite-wms-job-status Success =====
BOOKKEEPING INFORMATION:

Status info for the Job : https://cert-27.cnaf.infn.it:9000/c02D_FC8SJTipXclPzwQDA
Current Status:      Done (Success)
Exit code:          0
Status Reason:      Job Terminated Successfully
Destination:        ctb04.gridctb.uoa.gr:8443/cream-pbs-emitesters
Submitted:          Fri Aug 31 11:51:31 2012 CEST
=====
```

SUBMISSION TESTSUITE: * WMSService-TS_20120903112817.log: WMSService-TS_20120903112817.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-27.cnaf.infn.it
===> Started: 11:28:17
===> Ended : 11:46:42
===>
===>      === test PASSED ===
===>
===> Test log file is WMSService-TS_20120903112817.log
```

Proxy mode - PASSED

SUBMISSION TESTSUITE: * WMSService-TS_20120903165714.log: WMSService-TS_20120903165714.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
```

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```
====>
====> Test: WMS-job-cycle.py
====> WMS: cert-27.cnaf.infn.it
====> Started: 16:57:14
====> Ended  : 17:33:11
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120903165714.log
```

ARC CE - PASSED

```
[traldi@cert-25 ~]$ lcg-infosites --is egee-bdii.cnaf.infn.it --vo cms ce |grep arc
   68      0      2      1      2 arc.univ.kiev.ua:2811/nordugrid-torque-arc
  768    278    131    490    131 jade-cms.hip.fi:2811/nordugrid-GE-arc
```

```
[traldi@cert-25 ~]$ glite-wms-job-submit -o test_Arc_CE.txt -e https://cert-27.cnaf.infn.it:7443/
testArc.jdl
```

Connecting to the service https://cert-27.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-27.cnaf.infn.it:9000/OiaLvoRhCLjVwnQp84qAkQ

The job identifier has been saved in the following file:
/home/traldi/test_Arc_CE.txt

```
[traldi@cert-25 ~]$ glite-wms-job-status https://cert-27.cnaf.infn.it:9000/OiaLvoRhCLjVwnQp84qAkQ
/usr/lib64/python
```

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

BOOKKEEPING INFORMATION:

```
Status info for the Job : https://cert-27.cnaf.infn.it:9000/OiaLvoRhCLjVwnQp84qAkQ
Current Status:      Scheduled
Status Reason:      Job successfully submitted over the Grid
Destination:        jade-cms.hip.fi:2811/nordugrid-GE-arc
Submitted:          Wed Sep 19 11:03:55 2012 CEST
```

```
[traldi@cert-25 ~]$ glite-wms-job-status https://cert-27.cnaf.infn.it:9000/OiaLvoRhCLjVwnQp84qAkQ
/usr/lib64/python
```

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

BOOKKEEPING INFORMATION:

```
Status info for the Job : https://cert-27.cnaf.infn.it:9000/OiaLvoRhCLjVwnQp84qAkQ
Current Status:      Done (Success)
Exit code:           0
Status Reason:      Job terminated successfully
Destination:        jade-cms.hip.fi:2811/nordugrid-GE-arc
Submitted:          Wed Sep 19 11:03:55 2012 CEST
```

Proxy mode - PASSED

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```
[traldi@cert-25 ~]$ glite-wms-job-output https://cert-27.cnaf.infn.it:9000/OiaLvoRhCLjVwnQp84qAkQ
```

```
Connecting to the service https://cert-27.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

```
=====
```

```
JOB GET OUTPUT OUTCOME
```

```
Output sandbox files for the job:
https://cert-27.cnaf.infn.it:9000/OiaLvoRhCLjVwnQp84qAkQ
have been successfully retrieved and stored in the directory:
/tmp/jobOutput/traldi_OiaLvoRhCLjVwnQp84qAkQ
```

```
=====
```

```
[traldi@cert-25 ~]$ cat /tmp/jobOutput/traldi_OiaLvoRhCLjVwnQp84qAkQ/stdout.log
cmsuser43
```

Jdl attributes - PASSED

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=cert-27.cnaf.infn.it
ISB_DEST_USERNAME=root
ISB_DEST_PASSWORD=***
OSB_DEST_HOSTNAME=cert-27.cnaf.infn.it
OSB_DEST_USERNAME=root
OSB_DEST_PASSWORD=***
```

* Using DEFAULTREQ=other.GlueCEStateStatus == "Testing" in wms-command.conf

```
$ python WMS-jdl-attributes-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -i -t 1,2
==> ++++++
==> + 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: WMS-jdl-attributes-job-cycle.py
==> WMS: cert-27.cnaf.infn.it
==> Started: 12:53:22
==> Ended : 13:00:32
==>
==>      === test PASSED ===
==>
==> Test log file is WMSService-TS_20120917125322.log
```

```
$ python WMS-jdl-attributes-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -i -t 4
==> ++++++
==> + TestSuite of the WMS Service
==> + Description: Test a complete job cycle for normal job with non default jdl files
==> ++++++
```

Enter the user proxy password:

ARC CE - PASSED

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Test 4: Jdl with DataRequirements

Submit to CREAM CE

Submit to LCG CE

```
====>
====> Test: WMS-jdl-attributes-job-cycle.py
====> WMS: cert-27.cnaf.infn.it
====> Started: 12:55:08
====> Ended   : 13:37:37
====>
====>     === test PASSED ===
====>
====> Test log file is WMSService-TS_20120919125508.log

$ python WMS-jdl-attributes-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -i -t 5
====> ++++++
====> + 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 5: Jdl with InputSandboxBaseURI

Submit to CREAM CE

Submit to LCG CE

```
====>
====> Test: WMS-jdl-attributes-job-cycle.py
====> WMS: cert-27.cnaf.infn.it
====> Started: 14:17:56
====> Ended   : 14:47:15
====>
====>     === test PASSED ===
====>
====> Test log file is WMSService-TS_20120919141756.log

$ python WMS-jdl-attributes-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -i -t 6
====> ++++++
====> + 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 6: Jdl with OutputSandboxBaseDestURI

Submit to CREAM CE

Submit to LCG CE

```
====>
====> Test: WMS-jdl-attributes-job-cycle.py
====> WMS: cert-27.cnaf.infn.it
====> Started: 16:25:21
====> Ended   : 16:43:03
====>
====>     === test PASSED ===
```

Jdl attributes - PASSED

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```
====>
====> Test log file is WMSService-TS_20120917162521.log

$ python WMS-jdl-attributes-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -i -t 7
====> + TestSuite of the WMS Service
====> + Description: Test a complete job cycle for normal job with non default jdl files
====> + 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-27.cnaf.infn.it
====> Started: 15:54:25
====> Ended   : 16:22:41
====>
====>     === test PASSED ===
====>
====> Test log file is WMSService-TS_20120917155425.log
```

Collection

Bulk Submission - PASSED

```
$ python WMS-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -t 2 -i
====> + 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

Test 2C: Submit without restrictions

====>
====> Test: WMS-job-cycle.py
====> WMS: cert-27.cnaf.infn.it
====> Started: 15:25:59
====> Ended   : 16:01:35
====>
====>     === test PASSED ===
====>
====> Test log file is WMSService-TS_20120919152559.log
```

```
$ python WMS-job-cycle.py -c wms-command.conf -V testers.eu-emi.eu -d 3 -l -t 2 -i
====> + TestSuite of the WMS Service
```

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```
====> + 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-27.cnaf.infn.it
====> Started: 17:46:14
====> Ended  : 18:26:22
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120919174614.log

$ myproxy-init -d
Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco
Creating proxy ..... Done
Proxy Verify OK
Your proxy is valid until: Thu Sep 27 11:08:50 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=Padova/CN=

$ myproxy-logon -d --voms dteam
Enter MyProxy pass phrase:
Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco/CN=proxy/CN=proxy/C
Contacting voms2.hellasgrid.gr:15004 [/C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms2.hellasgrid.gr
Creating proxy .....

Your proxy is valid until Thu Sep 20 22:09:18 2012
A credential has been received for user /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Ber

$ voms-proxy-info -all
subject   : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco/CN=proxy/CN=proxy/CN=p
issuer    : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco/CN=proxy/CN=proxy/CN=p
identity  : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco/CN=proxy/CN=proxy/CN=p
type      : proxy
strength  : 2048 bits
path      : /tmp/x509up_u509
timeleft  : 10:59:45
key usage : Digital Signature, Key Encipherment, Data Encipherment
==== VO dteam extension information ====
VO        : dteam
subject   : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco
issuer    : /C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms2.hellasgrid.gr
attribute : /dteam/Role=NULL/Capability=NULL
timeleft  : 11:58:45
uri       : voms2.hellasgrid.gr:15004

$ 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
====> ++++++
```

Bulk Submission - PASSED

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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-27.cnaf.infn.it
====> Started: 11:09:46
====> Ended   : 11:40:19
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120920110946.log
```

- bulk_logs.tar: bulk_logs.tar

All in a jdl - PASSED

```
$ python WMS-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -t 7 -i
====> + 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 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-27.cnaf.infn.it
====> Started: 16:35:20
====> Ended   : 17:23:09
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120919163520.log
```

```
$ python WMS-job-cycle.py -c wms-command.conf -V testers.eu-emi.eu -d 3 -l -t 7 -i
====> + 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 al the jdl

All in a jdl - PASSED

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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-27.cnaf.infn.it
====> Started: 12:00:16
====> Ended   : 12:41:32
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120920120016.log

$ python WMS-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -t 7
====> ++++++
====> + 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-27.cnaf.infn.it
====> Started: 13:06:41
====> Ended   : 13:46:26
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120920130641.log
```

• all_in_jdl.tar: all_in_jdl.tar

Parametric job - PASSED

```
$ python WMS-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -t 3 -i
====> ++++++
====> + 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

Parametric job - PASSED

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Test 3C: Submit without restrictions

```
====>
====> Test: WMS-job-cycle.py
====> WMS: cert-27.cnaf.infn.it
====> Started: 14:13:21
====> Ended   : 14:41:40
====>
====>     === test PASSED ===
====>
====> Test log file is WMSService-TS_20120920141321.log
```

```
$ python WMS-job-cycle.py -c wms-command.conf -V testers.eu-emi.eu -d 3 -l -t 3 -i
====> ++++++
====> + 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-27.cnaf.infn.it
====> Started: 14:46:23
====> Ended   : 15:26:47
====>
====>     === test PASSED ===
====>
====> Test log file is WMSService-TS_20120920144623.log
```

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

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-27.cnaf.infn.it
====> Started: 15:39:03
====> Ended   : 16:11:58
====>
====>     === test PASSED ===
====>
```

Parametric job - PASSED

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==> Test log file is WMSService-TS_20120920153903.log

- parametric.tar: parametric.tar

DAG - PASSED

```
$ python WMS-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -t 4 -i
==> ++++++
==> + 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-27.cnaf.infn.it
==> Started: 16:52:57
==> Ended : 17:03:11
==>
==>      === test PASSED ===
==>
==> Test log file is WMSService-TS_20120920165257.log
```

```
$ python WMS-job-cycle.py -c wms-command.conf -V testers.eu-emi.eu -d 3 -l -t 4 -i
==> ++++++
==> + 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-27.cnaf.infn.it
==> Started: 17:04:01
==> Ended : 17:14:14
==>
==>      === test PASSED ===
==>
==> Test log file is WMSService-TS_20120920170401.log
```

```
$ voms-proxy-info -all
subject   : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco/CN=proxy/CN=proxy/CN=p
issuer    : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco/CN=proxy/CN=proxy/CN=p
identity  : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco/CN=proxy/CN=proxy/CN=p
type      : proxy
strength  : 2048 bits
path      : /tmp/x509up_u509
timeleft  : 9:17:21
key usage : Digital Signature, Key Encipherment, Data Encipherment
=== VO dteam extension information ===
VO        : dteam
subject   : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco
issuer    : /C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms.hellasgrid.gr
attribute : /dteam/Role=NULL/Capability=NULL
timeleft  : 10:16:20
uri       : voms.hellasgrid.gr:15004
```

```
$ python WMS-job-cycle.py -c wms-command.conf -V dteam -d 3 -l -t 4
==> ++++++
==> + TestSuite of the WMS Service
```

DAG - PASSED

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

Set 4: Submit a DAG job

====>
====> Test: WMS-job-cycle.py
====> WMS: cert-27.cnaf.infn.it
====> Started: 17:21:35
====> Ended  : 17:31:45
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120920172135.log
```

- dag.tar: dag.tar

Parallel job - PASSED

```
/tmp/tmp.Sspd032197 ~/tests/emi/wms

### Check user proxy and renew/delegate at CE

### Submit parallel job 2 CPUs
### 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-27.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-27.cnaf.infn.it:9000/ZV-LydGqiw4LQygKpVWD7g

The job identifier has been saved in the following file:
/tmp/tmp.Sspd032197/jobid

=====
```

complete log at: * mpi_cert-27.cnaf.infn.it.log: MPI tests

Forwarding parameters for parallel jobs - Skip

Perusal - Skip

Delegation - PASSED

```
$ python WMS-delegation-test.py -c wms-command.conf -V dteam -d 3 -l -i
====> ++++++
====> + TestSuite of the WMS Service
====> + Description: Test delegation operation
```

Parallel job - PASSED

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====> ++++++

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-27.cnaf.infn.it

====> Started: 14:05:49

====> Ended : 14:06:59

====>

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

====>

====> Test log file is WMSService-TS_20120925140549.log

\$ python WMS-delegation-test.py -c wms-command.conf -V testers.eu-emi.eu -d 3 -l -i

====> ++++++

====> + 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-27.cnaf.infn.it

====> Started: 14:06:17

====> Ended : 14:07:38

====>

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

====>

====> Test log file is WMSService-TS_20120925140617.log

\$ voms-proxy-init --voms dteam

Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco

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 Wed Sep 26 02:10:55 2012

Delegation - PASSED

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```
$ myproxy-init -d
Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco
Creating proxy ..... Done
Proxy Verify OK
Your proxy is valid until: Tue Oct  2 14:11:06 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=Padova/CN=
[bertocco@cert-17 WMS-service]$ myproxy-logon -d --voms dteam
Enter MyProxy pass phrase:
Failed to receive credentials.
ERROR from myproxy-server:
invalid credential passphrase

$ myproxy-logon -d --voms dteam
Enter MyProxy pass phrase:
Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco/CN=proxy/CN=proxy/C
Contacting voms.hellasgrid.gr:15004 [/C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms.hellasgrid.gr]
Creating proxy .....

Your proxy is valid until Wed Sep 26 01:11:36 2012
A credential has been received for user /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Ber

$ voms-proxy-info -all
subject   : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco/CN=proxy/CN=proxy/CN=p
issuer    : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco/CN=proxy/CN=proxy/CN=p
identity  : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco/CN=proxy/CN=proxy/CN=p
type      : proxy
strength  : 2048 bits
path      : /tmp/x509up_u509
timeleft  : 10:59:48
key usage : Digital Signature, Key Encipherment, Data Encipherment
=== VO dteam extension information ===
VO        : dteam
subject   : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco
issuer    : /C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms.hellasgrid.gr
attribute : /dteam/Role=NULL/Capability=NULL
timeleft  : 11:58:47
uri       : voms.hellasgrid.gr:15004

$ 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-27.cnaf.infn.it
===> Started: 14:13:00
===> Ended  : 14:13:02
===>
===>     === test PASSED ===
===>
===> Test log file is WMSService-TS_20120925141300.log
```

• delegation.tar

List-match - PASSED

```
[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

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-27.cnaf.infn.it
===> Started: 12:04:42
===> Ended  : 12:05:46
===>
===>      === test PASSED ===
===>
===> Test log file is WMSService-TS_20121005120442.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)
```


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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-27.cnaf.infn.it
====> Started: 12:06:26
====> Ended   : 12:07:33
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20121005120626.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 ..... Done
Proxy Verify OK
Your proxy is valid until: Fri Oct 12 12:07:56 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 .....

Your proxy is valid until Fri Oct  5 23:08:22 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]$ 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  : 10:59:43
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  : 11:58:42
uri       : voms.hellasgrid.gr:15004
[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-27.cnaf.infn.it
====> Started: 12:09:02
====> Ended  : 12:09:58
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20121005120902.log
```

- list_sl6.tgz: list_sl6.tgz

Prologue and epilogue jobs - PASSED

```
$ python WMS-prologue-epilogue.py -c wms-command.conf -V dteam -d 3 -l -i
====> + TestSuite of the WMS Service
====> + Description: WMS test prologue and epilogue attributes
====> + TestSuite of the WMS Service
====> + Description: WMS test prologue and epilogue attributes
====> + 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-27.cnaf.infn.it
====> Started: 14:34:53
====> Ended  : 14:40:44
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120925143453.log
```

```
$ python WMS-prologue-epilogue.py -c wms-command.conf -V testers.eu-emi.eu -d 3 -l -i
====> + TestSuite of the WMS Service
====> + Description: WMS test prologue and epilogue attributes
====> + TestSuite of the WMS Service
====> + Description: WMS test prologue and epilogue attributes
====> + TestSuite of the WMS Service
====> + Description: WMS test prologue and epilogue attributes
```

Enter the user proxy password:

Test 1: Test prologue attribute

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Test 2: Test epilogue attribute

Test 3: Test prologue and epilogue attributes

```
====>
====> Test: WMS-prologue-epilogue.py
====> WMS: cert-27.cnaf.infn.it
====> Started: 14:35:08
====> Ended  : 14:40:35
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120925143508.log
```

```
$ voms-proxy-info -all
subject   : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco/CN=proxy/CN=proxy/CN=proxy
issuer    : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco/CN=proxy/CN=proxy/CN=proxy
identity  : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco/CN=proxy/CN=proxy/CN=proxy
type      : proxy
strength  : 2048 bits
path      : /tmp/x509up_u509
timeleft  : 10:04:27
key usage : Digital Signature, Key Encipherment, Data Encipherment
=== VO dteam extension information ===
VO        : dteam
subject   : /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco
issuer    : /C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms.hellasgrid.gr
attribute : /dteam/Role=NULL/Capability=NULL
timeleft  : 11:03:26
uri       : voms.hellasgrid.gr:15004
```

```
$ 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-27.cnaf.infn.it
====> Started: 15:07:24
====> Ended  : 15:13:16
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120925150724.log
```

- prolog_epilog.tar

Shallow and deep resubmission - PASSED

```
$ python WMS-job-resubmit.py -c wms-command.conf -V dteam -d 3 -l -i
====> ++++++
====> + TestSuite of the WMS Service
====> + Description: WMS Job Resubmission Testing
====> ++++++
```

Shallow and deep resubmission - PASSED

Enter the user proxy password:

Test 1: Try a shallow resubmission

Test 2: Try a deep resubmission

```
====>
====> Test: WMS-job-resubmit.py
====> WMS: cert-27.cnaf.infn.it
====> Started: 15:12:05
====> Ended  : 15:22:43
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120925151205.log

$ python WMS-job-resubmit.py -c wms-command.conf -V testers.eu-emi.eu -d 3 -l -i
====> ++++++
====> + TestSuite of the WMS Service
====> + Description: WMS Job Resubmission Testing
====> ++++++
```

Enter the user proxy password:

Test 1: Try a shallow resubmission

Test 2: Try a deep resubmission

```
====>
====> Test: WMS-job-resubmit.py
====> WMS: cert-27.cnaf.infn.it
====> Started: 15:12:17
====> Ended  : 15:22:56
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120925151217.log

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

Test 1: Try a shallow resubmission

Test 2: Try a deep resubmission

```
====>
====> Test: WMS-job-resubmit.py
====> WMS: cert-27.cnaf.infn.it
====> Started: 15:12:38
====> Ended  : 15:25:15
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120925151238.log
```

- resubmission.tar

Cancel - PASSED

```
$ python WMS-job-cancel.py -c wms-command.conf -V dteam -d 3 -l -i
==> ++++++
==> + 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-27.cnaf.infn.it
==> Started: 15:37:16
==> Ended  : 15:51:33
==>
==>      === test PASSED ===
==>
==> Test log file is WMSService-TS_20120925153716.log

$ python WMS-job-cancel.py -c wms-command.conf -V testers.eu-emi.eu -d 3 -l -i
==> ++++++
==> + 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
```

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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-27.cnaf.infn.it
====> Started: 15:37:31
====> Ended  : 15:54:21
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120925153731.log

$ 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

```
====>
====> Test: WMS-job-cancel.py
====> WMS: cert-27.cnaf.infn.it
====> Started: 15:37:44
====> Ended  : 15:54:00
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120925153744.log
```

- cancel.tar: cancel.tar

Proxy renewal - Skip

Limiter mechanism - **Job purge PASSED**

Test 1: CREAM CE

```
[capannini@cert-17 ~]$ glite-wms-job-status https://cert-27.cnaf.infn.it:9000/WxAoGrzPeleYr1ECJvB
```

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

```
Status info for the Job : https://cert-27.cnaf.infn.it:9000/WxAoGrzPeleYr1ECJvBsug
```

```
Current Status:      Done (Success)
```

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

- Transfer to CREAM failed due to exception: Failed to create a delegation id for job https://
- Job Terminated Successfully

```
Exit code:          0
```

```
Status Reason:      Job Terminated Successfully
```

```
Destination:        cream-29.pd.infn.it:8443/cream-lsf-creamcert1
```

```
Submitted:          Fri Oct  5 14:48:42 2012 CEST
```

```
=====
```

```
[capannini@cert-17 ~]$ glite-wms-job-output https://cert-27.cnaf.infn.it:9000/WxAoGrzPeleYr1ECJvB
```

```
Connecting to the service https://cert-27.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

```
=====
```

```
JOB GET OUTPUT OUTCOME
```

```
No output files to be retrieved for the job:
```

```
https://cert-27.cnaf.infn.it:9000/WxAoGrzPeleYr1ECJvBsug
```

```
=====
```

```
[root@cert-27 ~]# ls -l /var/SandboxDir/Wx/*WxAo*
```

```
ls: impossibile accedere a /var/SandboxDir/Wx/*WxAo*: No such file or directory
```

```
==> Test PASSED
```

Test 2: LCG CE

```
[root@cert-27 ~]# ls -l /var/SandboxDir/Os/https_3a_2f_2fcert-27.cnaf.infn.it_3a9000_2f0spx*
```

```
totale 28
```

```
drwxrwx--- 2 dteam033 glite 4096  5 ott 14:48 input
```

```
-rw-r--r-- 1 glite    glite  708  5 ott 14:48 JDLOriginal
```

```
-rw-r--r-- 1 glite    glite 2359  5 ott 14:48 JDLToStart
```

```
-rw-r--r-- 1 dteam033 dteam  157  5 ott 14:51 Maradona.output
```

```
drwxrwx--- 2 dteam033 glite 4096  5 ott 14:48 output
```

```
drwxrwx--- 2 dteam033 glite 4096  5 ott 14:48 peek
```

```
lrwxrwxrwx 1 glite    glite   64  5 ott 14:48 user.proxy -> /var/glite/spool/glite-renewd/57e4376
```

```
[root@cert-27 ~]# ls -l /var/jobcontrol/submit/Os/
```

```
totale 44
```

```
-rw-r--r-- 1 glite glite  1767  5 ott 14:48 Condor.https_3a_2f_2fcert-27.cnaf.infn.it_3a9000_2f0s
```

```
-rw-r--r-- 1 glite glite 40331  5 ott 14:48 JobWrapper.https_3a_2f_2fcert-27.cnaf.infn.it_3a9000_
```

```
[root@cert-27 ~]# ls -l /var/jobcontrol/condorio/Os/
```

```
totale 4
```

```
drwxr-xr-x 2 glite glite 4096  5 ott 14:48 https_3a_2f_2fcert-27.cnaf.infn.it_3a9000_2f0spxU2z90D
```

```
[capannini@cert-17 ~]$ glite-wms-job-status https://cert-27.cnaf.infn.it:9000/OspxU2z90DRI-d0Hyhd
```

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

BOOKKEEPING INFORMATION:

Status info for the Job : <https://cert-27.cnaf.infn.it:9000/OspxU2z90DRI-d0HyhdEVQ>
Current Status: Done (Success)
Exit code: 0
Status Reason: Job terminated successfully
Destination: cream-26.pd.infn.it:2119/jobmanager-lcgpbs-creamtest1
Submitted: Fri Oct 5 14:48:58 2012 CEST

```
[root@cert-27 ~]# ls -l /var/jobcontrol/condorio/Os/
totale 0
[root@cert-27 ~]# ls -l /var/jobcontrol/submit/Os/
totale 0
```

```
[root@cert-27 ~]# /usr/sbin/glite-wms-purgeStorage.sh -p /var/SandboxDir/Os -s
05 Oct, 15:26:43 -I: [Info] operator() (purger.cpp:452): https://cert-27.cnaf.infn.it:9000/OspxU2z
05 Oct, 15:26:43 -I: [Info] operator() (purger.cpp:452): https://cert-27.cnaf.infn.it:9000/Osw4jkk
05 Oct, 15:26:43 -I: [Info] operator() (purger.cpp:452): https://cert-27.cnaf.infn.it:9000/Osaci17
05 Oct, 15:26:43 -I: [Info] operator() (purger.cpp:452): https://cert-27.cnaf.infn.it:9000/OsVgswx
05 Oct, 15:26:43 -I: [Info] operator() (purger.cpp:359): https://cert-27.cnaf.infn.it:9000/OsU9p4W
05 Oct, 15:26:43 -I: [Info] operator() (purger.cpp:371): https://cert-27.cnaf.infn.it:9000/OsU9p4W
05 Oct, 15:26:43 -I: [Info] operator() (purger.cpp:452): https://cert-27.cnaf.infn.it:9000/OsOsUfh
[root@cert-27 ~]#
[root@cert-27 ~]#
[root@cert-27 ~]# ls -l /var/SandboxDir/Os/https_3a_2f_2fcert-27.cnaf.infn.it_3a9000_2fOsp*
ls: impossibile accedere a /var/SandboxDir/Os/https_3a_2f_2fcert-27.cnaf.infn.it_3a9000_2fOsp*:
```

==> Test PASSED

```
$ python WMS-check-purger.py -c wms-command.conf -V dteam -d 3 -l -t 3
==> ++++++
==> + TestSuite of the WMS Service
==> + Description: WMS Purge Mechanism
==> ++++++
```

Test 3: Test proxy cache purging

```
==>
==> Test: WMS-check-purger.py
==> WMS: cert-27.cnaf.infn.it
==> Started: 11:49:20
==> Ended : 11:49:21
==>
==> === test PASSED ===
==>
==> Test log file is WMSService-TS_20120928114920.log
```

```
$ python WMS-check-purger.py -c wms-command.conf -V dteam -d 3 -l -t 4
==> ++++++
==> + TestSuite of the WMS Service
==> + Description: WMS Purge Mechanism
==> ++++++
```

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

```
==>
==> Test: WMS-check-purger.py
==> WMS: cert-27.cnaf.infn.it
==> Started: 11:49:26
==> Ended : 11:51:29
==>
==> === test PASSED ===
==>
==> Test log file is WMSService-TS_20120928114926.log
```

Job purge PASSED


```
$ python WMS-check-purger.py -c wms-command.conf -V dteam -d 3 -l -t 5
==> ++++++
==> + TestSuite of the WMS Service
==> + Description: WMS Purge Mechanism
==> ++++++

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

==>
==> Test: WMS-check-purger.py
==> WMS: cert-27.cnaf.infn.it
==> Started: 11:49:34
==> Ended  : 11:51:41
==>
==>      === test PASSED ===
==>
==> Test log file is WMSService-TS_20120928114934.log
```

- purge.tar

Configuration file - PASSED

```
$ python WMS-check-configuration.py -c wms-command.conf -d 3 -l -t 1-7
==> ++++++
==> + 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

There is one other test which requires the YAIM_FILE configuration variable. Please set the YAIM

==>
==> Test: WMS-check-configuration.py
==> WMS: cert-27.cnaf.infn.it
==> Started: 14:11:58
==> Ended  : 14:11:59
==>
==>      === test PASSED ===
==>
==> Test log file is WMSService-TS_20120928141158.log
```

- WMSService-TS_20120928141158.log: WMSService-TS_20120928141158.log

Feedback - PASSED

Performance test -

Stress test -

Results -

Regression tests

Bugs attached to this task

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="devel20.cnaf.infn.it:7000";  
]  
where devel20 can be substituted with any public machine.
```

```
2012-10-02 15:24:55,957 DEBUG - iceCommandDelegationRenewal::renewAllDelegations() - Contacting M  
2012-10-02 15:24:55,979 ERROR - iceCommandDelegationRenewal::renewAllDelegations() - Proxy renewa
```

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

```
[capannini@emitestbed24 ~]$ glite-wms-job-submit -a -e https://wms-cms-analysis.grid.cnaf.infn.it
```

```
Connecting to the service https://wms010.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://wms010.cnaf.infn.it:9000/w4dyyC0CsLn1DOQCh-4PuA
```

```
=====
```

```
[capannini@emitestbed24 ~]$ glite-wms-job-submit -a -e https://wms-cms-analysis.grid.cnaf.infn.it
```

```
Connecting to the service https://wms016.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

Feedback - PASSED

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

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

<https://wms016.cnaf.infn.it:9000/s1fNoKqQhcd4keDMQGDNQ>

```
=====
```

```
[capannini@emitestbed24 ~]$ 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/Gz03zOZN7WqoN12UIDIy9w>

```
=====
```

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

Link to Advisory: [SVG:Advisory-SVG-2012-4039](https://www.cern.ch/2012/10/08/svg-2012-4039)

Tested that jdl with nasty commands is not executed.

```
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
```

Standard Conformance Tests

Glue 1 Compliance - PASSED

```
[caifti@cert-27 ~]$ glue-validator -t glue1 -h cert-27.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  
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
```

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

```

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
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 0.010s

OK

Glue 2 Compliance PASSED

```

[caifti@cert-27 ~]$ glue-validator -t glue2 -h cert-27.cnaf.infn.it -p 2170 -b o=glue
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
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
Validating data types. ... ok
Verifying the existence of mandatory attributes. ... ok
Verifying the object class ... ok

```

Glue 1 Compliance - 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

Ran 40 tests in 0.009s

OK

This topic: IGIRelease > WMSTask21060SL6
Topic revision: r27 - 2013-02-18 - SaraBertocco



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