

# Table of Contents

|   |          |
|---|----------|
| <b>WMS v. 3.3.5 test report.....</b>  | <b>1</b> |
| Summary.....  | 1        |
| Deployment Tests.....   | 1        |
| Clean installation.....   | 1        |
| Update.....   | 1        |
| Unit Tests.....   | 2        |
| Basic Functionality tests.....  | 2        |
| Submission.....   | 2        |
| Normal.....   | 2        |
| Proxy mode.....   | 4        |
| ARC CE.....   | 4        |
| Jdl with DataRequirements.....  | 5        |
| Jdl with ISBBaseURI and OSBDestURI.....   | 6        |
| Jdl with ISBBaseURI and OSBBaseDestURI.....   | 8        |
| Jdl with AllowZippedISB.....  | 11       |
| Jdl with ExpiryTime.....  | 15       |
| Jdl with ShortDeadlineJob.....  | 16       |
| Collection.....   | 17       |
| Bulk submission.....  | 17       |
| All in a jdl.....   | 19       |
| Parametric job.....   | 20       |
| DAG job.....  | 22       |
| Parallel job.....   | 23       |
| Testing forwarding parameters for parallel jobs.....  | 24       |
| Perusal.....  | 26       |
| Delegation.....   | 27       |
| Job List-match.....   | 28       |
| Without data.....   | 28       |
| With data.....  | 30       |
| Gangmatching.....   | 32       |
| Prologue and Epilogue jobs.....   | 33       |
| Shallow and deep resubmission.....  | 35       |
| Job cancel.....   | 36       |
| Proxy renewal.....  | 38       |
| Configuration file.....   | 39       |
| Limiter mechanism.....  | 42       |
| Purge.....  | 43       |
| Normal job cycle.....   | 43       |
| SandboxDir cron purger.....   | 43       |
| Feedback.....   | 47       |
| Published information.....  | 48       |
| bdb database information.....   | 48       |
| Stats database definitions.....   | 50       |
| Stats database definitions.....   | 50       |
| Performance test.....   | 53       |
| Collection of 1000 nodes.....   | 53       |
| Stress test.....  | 53       |
| Results.....  | 54       |
| Regression tests.....   | 54       |
| Bugs attached to the task.....  | 54       |
| bug #87261: WMproxy GACLs do not support wildcards (as they used to do) Fix<br>Certified..... | 54       |
| bug #91875: EMI WMS doesn't use grid_monitor Fix Certified.....                               | 56       |
| Old bugs.....   | 56       |

# Table of Contents

## WMS v. 3.3.5 test report

|  |    |
|--|----|
| bug #40982: When a collection is aborted the "Abort" event should be logged for the sub-nodes as well /2 Passed..... | 56 |
| bug #44599: WMS should consider "MaxTotalJobs" Passed.....   | 56 |
| bug #50009: wmpoxy.gacl person record allows anyone to pass Passed.....  | 56 |
| bug #52617: [ yaim-wms ] host{cert,key}.pem in /home/glite Passed.....   | 57 |
| bug #58968: Request for handling SMPGranularity attribute in the JDL Passed.....                                     | 57 |
| bug #62211: [ yaim-wms ] Enable Glue 2.0 publishing Passed.....  | 57 |
| bug #70061: WMS hates collections with 192 nodes! Passed.....  | 57 |
| bug #70824: environment values in JDL cannot have spaces Passed.....   | 57 |
| bug #73192: Submission failed due to a credential problem Passed.....  | 58 |
| bug #73699: Wrong retry count computation Passed.....  | 58 |
| bug #73711: edg_wll_SetLoggingJobProxy with empty sequence code returns "no state in DB" Passed.....                 | 58 |
| bug #75368: ICE should log a DONE_FAILED to LB every time the job is going to be resubmitted Passed.....             | 58 |
| bug #77004: Wrong myproxyserver string processing in ICE Passed.....   | 58 |
| bug #77055: "MyProxyServer: wrong type caught for attribute" for parametric jobs Passed.....                         | 59 |
| bug #77694: Resource BDII for WMS needs to be revisit Passed.....  | 59 |
| bug #77876: While purging DAGs/Collections the CLEAR event is only logged for the parent node Passed.....            | 59 |
| bug #78406: [ yaim-wms ] yaim should set IsmiLDAPCEFilterExt according to the supported VO(s) Passed.....            | 59 |
| bug #78484: [ YAIM_WMS ] Multiple parameter configuration added in condor_config.local Passed.....                   | 59 |
| bug #79141: various bugs about parametric jobs Passed.....   | 60 |
| bug #81376: glite-wms-wmpoxy.restart.cron MUST support graceful wmp restart Passed.....                              | 60 |
| bug #81568: some inconsistencies in locations for logs and configuration Passed.....                                 | 60 |
| bug #82687: emi WMS problems with ISB tar file handling Passed.....  | 60 |
| bug #82776: typo in WMS jobwrapper Passed.....   | 60 |
| bug #82983: [yaim-wms] authorization problem in WMS EMI-1 Passed.....  | 61 |
| bug #83062: [yaim-wms] A different template should be used for glue2 publication Passed.....                         | 61 |
| bug #85327: [yaim-wms] glite-wms-wmpoxy.restart.cron missing HOSTNAME environment variable Passed.....               | 61 |
| bug #86490: EMI WMS stops accepting jobs after 31999th submission for the same DN (on ext3) Passed.....              | 61 |
| bug #86682: [yaim-wms] yaim changes ownership of /var Passed.....  | 61 |
| Nagios probes test.....  | 62 |
| Clean installation.....  | 62 |
| Environment.....   | 62 |
| Repositories.....  | 62 |
| Install.....   | 62 |
| Upgrade from production.....   | 63 |
| Unit Tests.....  | 63 |
| Regression Tests.....  | 63 |
| Functional Tests.....  | 63 |
| Preparation.....   | 63 |
| WMSProbe.....  | 63 |

# WMS v. 3.3.5 test report

## Summary

- Component: **WMS 3.3.5**
- Savannah task: 26837
- ETICS Subsystem Configuration Name: **emi-wms\_R\_3\_3\_7\_1 emi-jdl\_R\_3\_2\_6\_1**
- VCS Tag: *emi-ice\_R\_3\_3\_4\_1, emi-wms-manager\_R\_3\_3\_1\_3, emi-jobsubmission\_R\_3\_3\_2\_1, emi-wmproxy\_R\_3\_3\_5\_1, emi-wms-brokerinfo\_R\_3\_3\_2\_1, emi-wms-configuration\_R\_3\_3\_2\_1, emi-wms-ism\_R\_3\_3\_2\_1, emi-wms-matchmaking\_R\_3\_3\_2\_1, emi-wms-purger\_R\_3\_3\_2\_1, emi-yaim-wms\_R\_4\_1\_5\_1, emi-jdl-api-cpp\_R\_3\_2\_6\_1, emi-wms-nagios\_R\_1\_0\_0\_0, emi-wms-mp\_R\_1\_0\_2\_0*
- EMI Major Release: **EMI 1 (Kebnekaise)**
- Platform: sl5 epel
- Certification report: not yet available
- Outcome: **Certification under way**

## Deployment Tests

### Clean installation

- Starting from a SL5 x86\_64 kernel machine:

```
[root@emi-demo11 ~]# cat /etc/redhat-release
Scientific Linux SL release 5.7 (Boron)
[root@emi-demo11 ~]# uname -a
Linux emi-demo11.cnaf.infn.it 2.6.18-274.18.1.el5 #1 SMP Thu Feb 9 12:20:03 EST 2012 x86_64 x86_64
[root@emi-demo11 ~]# wget http://emisoft.web.cern.ch/emisoft/dist/EMI/1/RPM-GPG-KEY-emi -O /tmp/emi-key_gd.asc
[root@emi-demo11 ~]# rpm --import /tmp/emi-key_gd.asc
```

- cd /etc/yum.repos.d/
- wget --no-check-certificate https://twiki.cern.ch/twiki/pub/EMI/EMI1Updates/testing.repo
- yum clean all
- yum install ca-policy-egi-core
- yum install emi-wms
  - ◆ install.log: Installation log
- /opt/glite/yaim/bin/yaim -c -s siteinfo/site-info.def -n WMS
  - ◆ yaim-config.log: yaim configuration log

### Update

- 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](http://emisoft.web.cern.ch/emisoft/dist/EMI/1/sl5/x86_64/updates/emi-release-1.0.1-1.sl5.noarch.rpm)

```
[root@emi-demo12 yum.repos.d]# rpm -qa|grep wms-manager
glite-wms-manager-3.3.1-3.sl5
```

- `wget --no-check-certificate https://twiki.cern.ch/twiki/pub/EMI/EMI1Updates/testing.repo -O /etc/yum.repos.d/testing.repo`
- `yum clean all`
- `service gLite stop`
- `yum update`
  - ◆ `update.log`: Update log
  - ◆ In order to get rid of some unnecessary updates, it was necessary to do the following:

```
# yum downgrade glite-jobid-api-c glite-jobid-api-cpp glite-jobid-api-java glite-lb-client glite-
# wget http://etics-repository.cern.ch/repository/download/registered/emi/emi.wms.wmproxy/3.3.5/s
# wget http://etics-repository.cern.ch/repository/download/registered/emi/emi.wms.yaim-wms/4.1.5/
# yum localinstall glite-wms-wmproxy-3.3.5-1.s15.x86_64.rpm glite-yaim-wms-4.1.5-1.s15.noarch.rpm
# service gLite restart
```

- `/opt/glite/yaim/bin/yaim -c -s site-info.def -n WMS`
  - ◆ `yaim-config2.log`: `yaim-config2.log`
- Check final version:

```
[root@emi-demo12 siteinfo]# rpm -qa|grep wms-manager
glite-wms-manager-3.3.1-4.s15
```

The wms emi-demo12 is configured in proxy mode, pointing to the LB `devel17.cnaf.infn.it`

## Unit Tests

N/A: Tests will be available with EMI-2.

## Basic Functionality tests

### Submission

Where possible the tests should use internal testbed CEs (located in Padova). This is accomplished by adding the following line to `wms-command.conf`:

```
DEFAULTREQ= other.GlueCEStateStatus == "Testing"
```

This is not possible, for example, for parallel jobs.

### Normal

```
[capannini@devel15 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 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: emi-demoll.cnaf.infn.it
====> Started: 10:28:22
====> Ended  : 10:32:49
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120316102822.log
[capannini@devel15 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
====> + 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 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: emi-demoll.cnaf.infn.it
====> Started: 10:30:51
====> Ended  : 10:35:08
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120316103051.log
[capannini@devel15 WMS-service]$ python WMS-job-cycle.py -c wms-command.conf -V infngrid -d 3
====> + 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
====> + 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: emi-demoll.cnaf.infn.it
====> Started: 10:31:52
====> Ended  : 10:37:14
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120316103152.log
```

\* submit.tgz: submit.tgz

**Proxy mode**

Pointing the testsuite at emi-demo12:

```
[capannini@devel15 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 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: emi-demo12.cnaf.infn.it
==> Started: 10:50:40
==> Ended : 10:56:37
==>
==>      === test PASSED ===
==>
==> Test log file is WMSService-TS_20120316105040.log
```

\* WMSService-TS\_20120316105040.log: WMSService-TS\_20120316105040.log

**ARC CE**

Job submitted on a production CE using the cms VO.

```
[capannini@cert-17 regression_tests]$ lcg-infosites --is egee-bdii.cnaf.infn.it --vo cms ce |grep
      80          0          95          5          95  arc.univ.kiev.ua:2811/nordugrid-torque-arc
     768         707         196         61         196  jade-cms.hip.fi:2811/nordugrid-GE-arc
     256          0          0          0          0  korundi.grid.helsinki.fi:2811/nordugrid-GE-a
```

```
[cristofori@ui ~]$ glite-wms-job-submit -e https://emi-demo11.cnaf.infn.it:7443/glite_wms_wmproxy
```

Connecting to the service https://emi-demo11.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://emi-demo11.cnaf.infn.it:9000/e4f1VtGXy\_I\_2MS2dVUs4g

=====

```
[cristofori@ui ~]$ glite-wms-job-status https://emi-demo11.cnaf.infn.it:9000/e4f1VtGXy_I_2MS2dVUs4g
```

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

BOOKKEEPING INFORMATION:

```
Status info for the Job : https://emi-demo11.cnaf.infn.it:9000/e4f1VtGXy_I_2MS2dVUs4g
Current Status:      Done (Success)
Exit code:           0
Status Reason:      Job terminated successfully
Destination:        jade-cms.hip.fi:2811/nordugrid-GE-arc
Submitted:          Tue Mar 27 14:27:13 2012 CEST
=====
```

```
[cristofori@ui ~]$ glite-wms-job-output --dir ./ https://emi-demo11.cnaf.infn.it:9000/e4f1VtGXy_I_2MS2dVUs4g
```

```
Connecting to the service https://emi-demo11.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

=====

JOB GET OUTPUT OUTCOME

```
Output sandbox files for the job:
https://emi-demo11.cnaf.infn.it:9000/e4f1VtGXy_I_2MS2dVUs4g
have been successfully retrieved and stored in the directory:
/home/GUEST/cristofori/cristofori_e4f1VtGXy_I_2MS2dVUs4g
```

=====

```
[cristofori@ui ~]$ cat /home/GUEST/cristofori/cristofori_e4f1VtGXy_I_2MS2dVUs4g/stderr.log
[cristofori@ui ~]$ cat /home/GUEST/cristofori/cristofori_e4f1VtGXy_I_2MS2dVUs4g/stdout.log
cmsuser07
```

==> Test PASSED

The selected CE was not upgraded to version >1.x so we didn't hit the bug  
<https://savannah.cern.ch/bugs/?92742>

**Jdl with *DataRequirements***

```
[capannini@devel15 WMS-service]$ cat ~/certification/data-req.jdl
```

```
#####
#           JDL with Data Requirements           #
#####
```

```
Executable = "/bin/ls";
Arguments = "-la";
StdOutput = "std.out";
StdError = "std.err";
Prologue = "prologue.sh";
```

```
FuzzyRank = true;
Environment={"LFC_HOST=prod-lfc-shared-central.cern.ch", "LFC_HOME=prod-lfc-shared-central.cern.ch"};
InputSandbox = {"JDLs/prologue.sh"};
OutputSandbox = {"std.out", "std.err", "prologue.out", "PI_1M.txt"};
```

```
DataRequirements = {
[
DataCatalogType = "DLI";
DataCatalog = "http://prod-lfc-shared-central.cern.ch:8085/";
InputData = { "lfn:/grid/dteam/fcapanni/PI_1M.txt" };
]
}
```

```
};
```

```
DataAccessProtocol = "gsiftp";
AllowZippedISB=true;
RetryCount = 1;
ShallowRetryCount = 2;
```

```
[capannini@devel15 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 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: emi-demo11.cnaf.infn.it
==> Started: 11:33:22
==> Ended : 11:54:21
==>
==>      === test PASSED ===
==>
==> Test log file is WMSService-TS_20120316113322.log
```

\* WMSService-TS\_20120316113322.log: WMSService-TS\_20120316113322.log

**Jdl with *ISBBaseURI* and *OSBDestURI***

Test on CREAM ce:

```
[capannini@cert-17 certification]$ glite-wms-job-submit -a -c ~/wms_emi-demo11.conf URI.jdl
```

Connecting to the service https://emi-demo11.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://emi-demo11.cnaf.infn.it:9000/FNmMujUg_2yIhS0iY8h9YA
```

```
=====
```

```
[capannini@cert-17 certification]$
[capannini@cert-17 certification]$
[capannini@cert-17 certification]$
[capannini@cert-17 certification]$
[capannini@cert-17 certification]$ glite-wms-job-status https://emi-demo11.cnaf.infn.it:9000/FNmM
```

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

BOOKKEEPING INFORMATION:

**Jdl with DataRequirements**



## WMSTask26837 < IGIRelease < TWiki

```
Status info for the Job : https://emi-demol1.cnaf.infn.it:9000/FNmMujUg_2yIhS0iY8h9YA
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:        cccreamceli10.in2p3.fr:8443/cream-sge-short
Submitted:          Fri Mar 16 14:29:07 2012 CET
```

```
[capannini@cert-17 certification]$ glite-wms-job-output https://emi-demol1.cnaf.infn.it:9000/FNmM
Connecting to the service https://emi-demol1.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

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

```
Output sandbox files for the job:
https://emi-demol1.cnaf.infn.it:9000/FNmMujUg_2yIhS0iY8h9YA
have been successfully retrieved and stored in the directory:
/tmp/jobOutput/capannini_FNmMujUg_2yIhS0iY8h9YA
```

```
[capannini@cert-17 certification]$ ls /tmp/jobOutput/capannini_FNmMujUg_2yIhS0iY8h9YA
std.err
```

```
Log on devel09.cnaf.infn.it:
```

```
[root@devel09 ~]# cat /tmp/myjobOutput
FNmMujUg_2yIhS0iY8h9YA
total 76
-rwxr-xr-x 1 dteam009 dteam 80 Mar 16 14:33 exe.sh
-rw-r--r-- 1 dteam009 dteam  0 Mar 16 14:33 std.err
-rw-r--r-- 1 dteam009 dteam 23 Mar 16 14:33 std.out
-rw-r--r-- 1 dteam009 dteam  6 Mar 16 14:33 test1
-rw-r--r-- 1 dteam009 dteam  6 Mar 16 14:33 test2
```

```
==> test PASSED
```

### Same process with an LCG CE:

```
[capannini@cert-17 certification]$ glite-wms-job-submit -a -c ~/wms_emi-demo11.conf URI.jdl
Connecting to the service https://emi-demol1.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://emi-demol1.cnaf.infn.it:9000/nz4pKzrc453q3uSn-q8vsQ
```

```
[capannini@cert-17 certification]$ glite-wms-job-status https://emi-demol1.cnaf.infn.it:9000/nz4p
```

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

## WMSTask26837 < IGIRelease < TWiki

### BOOKKEEPING INFORMATION:

```
Status info for the Job : https://emi-demo11.cnaf.infn.it:9000/nz4pKzrc453q3uSn-q8vsQ
Current Status:      Done (Success)
Exit code:          0
Status Reason:      Job terminated successfully
Destination:        gridce2.pi.infn.it:2119/jobmanager-lcglsf-cert
Submitted:          Fri Mar 16 14:51:57 2012 CET
```

```
=====
[capannini@cert-17 certification]$
[capannini@cert-17 certification]$
[capannini@cert-17 certification]$
[capannini@cert-17 certification]$ glite-wms-job-output https://emi-demo11.cnaf.infn.it:9000/nz4p
```

```
Connecting to the service https://emi-demo11.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

### JOB GET OUTPUT OUTCOME

```
Output sandbox files for the job:
https://emi-demo11.cnaf.infn.it:9000/nz4pKzrc453q3uSn-q8vsQ
have been successfully retrieved and stored in the directory:
/tmp/jobOutput/capannini_nz4pKzrc453q3uSn-q8vsQ
```

```
=====
[capannini@cert-17 certification]$ ls /tmp/jobOutput/capannini_nz4pKzrc453q3uSn-q8vsQ
std.err
```

Log on devel09:

```
[root@devel09 ~]# cat /tmp/myjobOutput
nz4pKzrc453q3uSn-q8vsQ
total 96
-rwxr-xr-x 1 dteam016 dteam 80 Mar 16 14:53 exe.sh
-rw-r--r-- 1 dteam016 dteam 118 Mar 16 14:53 https_3a_2f_2femi-demo11.cnaf.infn.it_3a9000_2fnz4pK
-rw-r--r-- 1 dteam016 dteam 0 Mar 16 14:53 std.err
-rw-r--r-- 1 dteam016 dteam 23 Mar 16 14:53 std.out
-rw-r--r-- 1 dteam016 dteam 6 Mar 16 14:53 test1
-rw-r--r-- 1 dteam016 dteam 6 Mar 16 14:53 test2
-rw----- 1 dteam016 dteam 103 Mar 16 14:53 tmp.dSuMI19622
-rw----- 1 dteam016 dteam 2 Mar 16 14:53 tmp.iYrdk19621
-rw----- 1 dteam016 dteam 2 Mar 16 14:53 tmp.kpcpo19636
-rw----- 1 dteam016 dteam 0 Mar 16 14:53 tmp.nAPiv19635
-rw----- 1 dteam016 dteam 103 Mar 16 14:53 tmp.rUfjz19637
```

```
==> test PASSED
```

### Jdl with *ISBBaseURI* and *OSBBaseDestURI*

#### Submit to CREAM CE

```
[capannini@cert-17 certification]$ cat BaseURI.jdl
#####
# JDL with ISBURI & OSBBaseDestURI #
#####
```

```
Executable = "exe.sh";
StdOutput = "std.out";
StdError = "std.err";
```

```
InputSandboxBaseURI = "gsiftp://emi-demo12.cnaf.infn.it:2811/tmp";
```

Jdl with *ISBBaseURI* and *OSBBaseDestURI*

```

FuzzyRank = true;
InputSandbox = {"exe.sh", "test1", "test2"};
OutputSandbox = {"std.out", "std.err"};
OutputSandboxBaseDestURI="gsiftp://devel20.cnaf.infn.it:2811/tmp";

#requirements = other.GlueCEStateStatus == "Testing" && regexp("/cream", other.GlueCEUniqueID);
requirements = regexp("/cream", other.GlueCEUniqueID);

RetryCount = 1;
ShallowRetryCount = 2;

[capannini@cert-17 certification]$ glite-wms-job-submit -a -c ~/wms_emi-demo11.conf BaseURI.jdl
Connecting to the service https://emi-demo11.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://emi-demo11.cnaf.infn.it:9000/hlAzaQOlelzhpDmzgGL88g

=====

[capannini@cert-17 certification]$ glite-wms-job-status https://emi-demo11.cnaf.infn.it:9000/hlAzaQOlelzhpDmzgGL88g

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

Status info for the Job : https://emi-demo11.cnaf.infn.it:9000/hlAzaQOlelzhpDmzgGL88g
Current Status:      Done (Success)
Logged Reason(s):
  - Transfer to CREAM failed due to exception: Failed to create a delegation id for job https://emi-demo11.cnaf.infn.it:9000/hlAzaQOlelzhpDmzgGL88g
  - Job Terminated Successfully
Exit code:           0
Status Reason:      Job Terminated Successfully
Destination:        gridce0.pi.infn.it:8443/cream-lsf-cert
Submitted:          Fri Mar 16 16:13:56 2012 CET

=====

[capannini@cert-17 certification]$
[capannini@cert-17 certification]$
[capannini@cert-17 certification]$ glite-wms-job-output https://emi-demo11.cnaf.infn.it:9000/hlAzaQOlelzhpDmzgGL88g
Connecting to the service https://emi-demo11.cnaf.infn.it:7443/glite_wms_wmproxy_server

=====

JOB GET OUTPUT OUTCOME

No output files to be retrieved for the job:
https://emi-demo11.cnaf.infn.it:9000/hlAzaQOlelzhpDmzgGL88g

=====

Log on devel20:

[root@devel20 ~]# ls /tmp/std*
/tmp/std.err /tmp/std.out
[root@devel20 ~]#
[root@devel20 ~]#
[root@devel20 ~]# cat /tmp/std.out
hlAzaQOlelzhpDmzgGL88g

```

```
total 76
-rwxr-xr-x 1 dteam015 dteam 80 Mar 16 16:14 exe.sh
-rw-r--r-- 1 dteam015 dteam  0 Mar 16 16:14 std.err
-rw-r--r-- 1 dteam015 dteam 23 Mar 16 16:14 std.out
-rw-r--r-- 1 dteam015 dteam  6 Mar 16 16:14 test1
-rw-r--r-- 1 dteam015 dteam  6 Mar 16 16:14 test2
```

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

**Submit to an LCG CE:**

```
[capannini@cert-17 certification]$ glite-wms-job-submit -a -c ~/wms_emi-demo11.conf BaseURI.jdl
Connecting to the service https://emi-demo11.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://emi-demo11.cnaf.infn.it:9000/urEE8OAYV12r9jUsAysuQw
```

```
[capannini@cert-17 certification]$ glite-wms-job-status https://emi-demo11.cnaf.infn.it:9000/urEE8OAYV12r9jUsAysuQw
```

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

BOOKKEEPING INFORMATION:

```
Status info for the Job : https://emi-demo11.cnaf.infn.it:9000/urEE8OAYV12r9jUsAysuQw
Current Status:      Done (Success)
Logged Reason(s):
  - Job got an error while in the CondorG queue.
  - Job terminated successfully
Exit code:           0
Status Reason:       Job terminated successfully
Destination:         t2-ce-03.lnl.infn.it:2119/jobmanager-lcglsf-cert1
Submitted:           Fri Mar 16 16:25:36 2012 CET
```

```
[capannini@cert-17 certification]$
[capannini@cert-17 certification]$
[capannini@cert-17 certification]$ glite-wms-job-output https://emi-demo11.cnaf.infn.it:9000/urEE8OAYV12r9jUsAysuQw
```

```
Connecting to the service https://emi-demo11.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

JOB GET OUTPUT OUTCOME

```
No output files to be retrieved for the job:
https://emi-demo11.cnaf.infn.it:9000/urEE8OAYV12r9jUsAysuQw
```

```
Log on devel20:
```

```
[root@devel20 ~]# ls /tmp/std.*
/tmp/std.err /tmp/std.out
[root@devel20 ~]# cat /tmp/std.out
7A98_2qv4Qkqihilp2blrg
total 36
```

## WMSTask26837 < IGIRelease < TWiki

```
-rwxr-xr-x 1 dteam022 dteam 80 Mar 16 16:56 exe.sh
-rw-r--r-- 1 dteam022 dteam 118 Mar 16 16:56 https_3a_2f_2femi-demoll.cnaf.infn.it_3a9000_2f7A98
-rw-r--r-- 1 dteam022 dteam 0 Mar 16 16:56 std.err
-rw-r--r-- 1 dteam022 dteam 23 Mar 16 16:56 std.out
-rw-r--r-- 1 dteam022 dteam 6 Mar 16 16:56 test1
-rw-r--r-- 1 dteam022 dteam 6 Mar 16 16:56 test2
-rw----- 1 dteam022 dteam 103 Mar 16 16:56 tmp.boMqn22089
-rw----- 1 dteam022 dteam 2 Mar 16 16:56 tmp.lnMRO22073
-rw----- 1 dteam022 dteam 103 Mar 16 16:56 tmp.mxsln22074
-rw----- 1 dteam022 dteam 0 Mar 16 16:56 tmp.nBJFQ22087
-rw----- 1 dteam022 dteam 2 Mar 16 16:56 tmp.twwvt22088
```

==> Test PASSED

### Jdl with AllowZippedISB

```
[capannini@cert-17 certification]$ cat AllowZIP.jdl
```

```
#####
# JDL with AllowZippedISB attribute #
#####
```

```
Executable = "/bin/ls";
Arguments = "-la";
StdOutput = "std.out";
StdError = "std.err";
```

```
InputSandbox = {"fileA", "fileB", "fileC", "fileD", "fileE"};
OutputSandbox = {"std.out", "std.err"};
```

```
requirements = other.GlueCEStateStatus == "Testing" && regexp("/cream", other.GlueCEUniqueID);
```

```
AllowZippedISB=true;
```

```
RetryCount = 1;
```

```
ShallowRetryCount = 2;
```

```
[capannini@cert-17 certification]$ glite-wms-job-submit --debug -a -c ~/wms_emi-demoll.conf AllowZIP.jdl
```

```
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Vo read from proxy certificate extension
-----
```

```
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - VirtualOrganisation value : dteam
-----
```

```
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Configuration file: /home/capannini/wms_emi-demoll.conf
-----
```

```
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Loaded user configuration file:
/home/capannini/wms_emi-demoll.conf
-----
```

```
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Configuration file: //etc/glite-wms/dteam/glite_wmsui.conf
-----
```

```
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Loaded Vo specific configuration file:
//etc/glite-wms/dteam/glite_wmsui.conf
-----
```

```
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Loaded Configuration values:
```

```
[
  JdlDefaultAttributes =
  [
    PerusalFileEnable = false;
    ShallowRetryCount = 10;
    SignificantAttributes = { "Requirements", "Rank", "FuzzyRank" };
    RetryCount = 3;
```

## WMSTask26837 < IGIRelease < TWiki

```
AllowZippedISB = true;
VirtualOrganisation = "dteam";
rank = -other.GlueCEStateEstimatedResponseTime;
MyProxyServer = "myproxy.cnaf.infn.it"
];
OutputStorage = "/tmp";
ListenerStorage = "/tmp";
ErrorStorage = "/var/tmp";
WmProxyEndpoints = { "https://emi-demol1.cnaf.infn.it:7443/glite_wms_wmproxy_server" }
]
```

```
-----
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Getting Endpoint URL from configuration file
-----
```

```
Connecting to the service https://emi-demol1.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

```
-----
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Calling the WmProxy getVersion service
-----
```

```
-----
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - WmProxy Version: 3.3.5
-----
```

```
-----
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Sending Proxy Request to https://emi-demol1.cnaf.
-----
```

```
-----
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Calling the WmProxy delegationns__getProxyReq ser
-----
```

```
-----
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - delegationns__getProxyReq - The proxy has been s
-----
```

```
-----
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Calling the WmProxy delegationns__putProxyReq ser
-----
```

```
-----
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - The proxy has been successfully delegated with th
-----
```

```
-----
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Calling the WmProxy getTransferProtocols service
-----
```

```
-----
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - getTransferProtocols - Available protocols: gsif
-----
```

```
-----
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - FileTransferProtocol not specified; using the def
-----
```

```
-----
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - The JDL file is: /home/capannini/certification/AL
-----
```

```
-----
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Retrieving the list of the local ISB files from t
-----
```

```
-----
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Total size of the ISB file(s) to be transferred t
-----
```

```
-----
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Max single job size of the ISB file(s) to be tran
-----
```

```
-----
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Checking the User-FreeQuota on the server
-----
```

```
-----
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Calling the WmProxy getFreeQuota service
-----
```

```
-----
-----
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - getFreeQuota - User freequota not set on the ser
```

## WMSTask26837 < IGIRelease < TWiki

```
-----  
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Getting the max ISB size from the server https://  
-----  
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Calling the WMPProxy getMaxInputSandboxSize servic  
-----  
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - getMaxInputSandboxSize - Max ISB size informatio  
-----  
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - The max job size (1024000 bytes) doesn't exceed t  
-----  
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - File archiving and file compression allowed by us  
-----  
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Registering JDL [ StdOutput = "std.out"; ShallowR  
-----  
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Registering the job to the service https://emi-de  
-----  
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Calling the WMPProxy jobRegister service  
-----  
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - The JobId is: https://emi-demoll.cnaf.infn.it:90  
-----  
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Archiving the ISB files: /tmp/ISBfiles_901aKw3LrX  
-----  
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - This archive file has been successfully created:  
-----  
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Compressing the file (.gz): /tmp/ISBfiles_901aKw3  
-----  
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - ISB ZIPPED file successfully created: /tmp/ISBfil  
-----  
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Getting the SandboxDestinationURI from the servic  
-----  
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Calling the WMPProxy getSandboxDestURI service wit  
-----  
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - getSandboxDestURI - Destination URIs sucessfully  
-----  
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - DestinationURI: gsiftp://emi-demoll.cnaf.infn.it:  
-----  
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - FileTransfer (gsiftp): using globus-url-copy to t  
-----  
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - File Transfer (gsiftp)  
Command: /usr/bin/globus-url-copy  
Source: file:///tmp/ISBfiles_901aKw3LrX55xFsD4_xnTw_0.tar.gz  
Destination: gsiftp://emi-demoll.cnaf.infn.it:2811/var/SandboxDir/KA/https_3a_2f_2femi-demoll.cna  
-----  
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - File Transfer (gsiftp) Transfer successfully done  
-----  
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Starting the job: https://emi-demoll.cnaf.infn.i  
-----  
-----
```

## WMSTask26837 < IGIRelease < TWiki

```
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - Calling the WMPProxy jobStart service  
-----
```

```
-----  
16 March 2012, 17:00:28 -I- PID: 3015 (Debug) - jobStart - The job has been successfully started  
-----
```

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

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

<https://emi-demo11.cnaf.infn.it:9000/KAx2BtFz9BkraoEKeaHNAw>

```
=====
```

\*\*\* Log file created \*\*\*

Possible Errors and Debug messages have been printed in the following file:  
[/var/tmp/glite-wms-job-submit\\_504\\_3015\\_20120316\\_17-00-28.log](/var/tmp/glite-wms-job-submit_504_3015_20120316_17-00-28.log)

Check if AllowZippedISB has been included in the jdl:

```
[capannini@cert-17 certification]$ glite-wms-job-info --jdl https://emi-demo11.cnaf.infn.it:9000/  
AllowZippedISB = true;
```

```
[capannini@cert-17 certification]$ glite-wms-job-status https://emi-demo11.cnaf.infn.it:9000/KAx2
```

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

BOOKKEEPING INFORMATION:

Status info for the Job : <https://emi-demo11.cnaf.infn.it:9000/KAx2BtFz9BkraoEKeaHNAw>  
Current Status: Done (Success)  
Exit code: 0  
Status Reason: Job Terminated Successfully  
Destination: cream-31.pd.infn.it:8443/cream-pbs-creamtest1  
Submitted: Fri Mar 16 17:00:28 2012 CET

```
=====
```

```
[capannini@cert-17 certification]$ glite-wms-job-output https://emi-demo11.cnaf.infn.it:9000/KAx2
```

Connecting to the service [https://emi-demo11.cnaf.infn.it:7443/glite\\_wms\\_wmproxy\\_server](https://emi-demo11.cnaf.infn.it:7443/glite_wms_wmproxy_server)

```
=====
```

JOB GET OUTPUT OUTCOME

Output sandbox files for the job:  
<https://emi-demo11.cnaf.infn.it:9000/KAx2BtFz9BkraoEKeaHNAw>  
have been successfully retrieved and stored in the directory:  
[/tmp/jobOutput/capannini\\_KAx2BtFz9BkraoEKeaHNAw](/tmp/jobOutput/capannini_KAx2BtFz9BkraoEKeaHNAw)

```
=====
```

```
[capannini@cert-17 certification]$ ls -l /tmp/jobOutput/capannini_KAx2BtFz9BkraoEKeaHNAw  
totale 4  
-rw-r--r-- 1 capannini emitestbed 0 16 mar 17:06 std.err  
-rw-r--r-- 1 capannini emitestbed 623 16 mar 17:06 std.out  
[capannini@cert-17 certification]$ cat /tmp/jobOutput/capannini_KAx2BtFz9BkraoEKeaHNAw/std.out  
total 1132  
drwxr-xr-x 2 dteam026 dteam 4096 Mar 16 17:00 .  
drwxr-xr-x 3 dteam026 dteam 4096 Mar 16 17:00 ..  
-rw-r--r-- 1 dteam026 dteam 4077 Mar 16 17:00 .BrokerInfo  
-rw-r--r-- 1 dteam026 dteam 2 Mar 16 17:00 fileA  
-rw-r--r-- 1 dteam026 dteam 2 Mar 16 17:00 fileB
```



## WMSTask26837 < IGIRelease < TWiki

```
-rw-r--r-- 1 dteam026 dteam 1024000 Mar 16 17:00 fileC
-rw-r--r-- 1 dteam026 dteam  102400 Mar 16 17:00 fileD
-rw-r--r-- 1 dteam026 dteam      2 Mar 16 17:00 fileE
-rw-r--r-- 1 dteam026 dteam      0 Mar 16 17:00 std.err
-rw-r--r-- 1 dteam026 dteam      0 Mar 16 17:00 std.out
-rw-r--r-- 1 dteam026 dteam      0 Mar 16 17:00 .tmp_file
```

====> Test passed

### Jdl with *ExpiryTime*

```
[capannini@cert-17 certification]$ cat ExpiryTime.jdl
#####
#           JDL with ExpiryTime attribute           #
#####
```

```
Executable = "/bin/ls";
Arguments = "-la";
StdOutput = "std.out";
StdError = "std.err";
```

```
InputSandbox = {"fileA", "fileB", "fileC", "fileD", "fileE"};
OutputSandbox = {"std.out", "std.err"};
```

```
requirements = false;
```

```
ExpiryTime = 1331914400;
```

```
RetryCount = 1;
```

```
ShallowRetryCount = 2;
```

```
[capannini@cert-17 certification]$ date +%s
1331914321
```

```
[capannini@cert-17 certification]$ glite-wms-job-submit -a -c ~/wms_emi-demo11.conf ExpiryTime.jdl
```

Connecting to the service [https://emi-demo11.cnaf.infn.it:7443/glite\\_wms\\_wmproxy\\_server](https://emi-demo11.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://emi-demo11.cnaf.infn.it:9000/DLi-uEyoyTgKKNYdsBfXMUQ
```

```
[capannini@cert-17 certification]$
[capannini@cert-17 certification]$ glite-wms-job-status https://emi-demo11.cnaf.infn.it:9000/DLi-uEyoyTgKKNYdsBfXMUQ
```

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

BOOKKEEPING INFORMATION:

```
Status info for the Job : https://emi-demo11.cnaf.infn.it:9000/DLi-uEyoyTgKKNYdsBfXMUQ
Current Status:      Waiting
Status Reason:      BrokerHelper: no compatible resources
Submitted:          Fri Mar 16 17:13:15 2012 CET
```

```
[capannini@cert-17 certification]$ date +%s
1331915013
```

```
[capannini@cert-17 certification]$ glite-wms-job-status https://emi-demo11.cnaf.infn.it:9000/DLi-uEyoyTgKKNYdsBfXMUQ
```

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

BOOKKEEPING INFORMATION:

```
Status info for the Job : https://emi-demo11.cnaf.infn.it:9000/DLi-uEyoyTgKNYdsBfXMUQ
Current Status:         Aborted
Status Reason:         request expired
Submitted:              Fri Mar 16 17:13:15 2012 CET
=====
```

==> Test PASSED

### Jdl with *ShortDeadlineJob*

To test SDJs the following bdii must be used: egee-bdii.cnaf.infn.it

```
[capannini@cert-17 certification]$ cat SDLJ.jdl
```

```
#####
# JDL with ShortDeadlineJob attribute      #
#####
```

```
Executable = "/bin/ls";
Arguments = "-la";
StdOutput = "std.out";
StdError = "std.err";
```

```
InputSandbox = {"fileA", "fileB", "fileC", "fileD", "fileE"};
OutputSandbox = {"std.out", "std.err"};
```

```
requirements = true;
```

```
ShortDeadlineJob = true;
```

```
RetryCount = 1;
ShallowRetryCount = 2;
```

```
[capannini@cert-17 certification]$ glite-wms-job-list-match -a -c ~/wms_emi-demo11.conf SDLJ.jdl
```

```
Connecting to the service https://emi-demo11.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

=====

#### COMPUTING ELEMENT IDs LIST

The following CE(s) matching your job requirements have been found:

- ```
*CEId*
- ce01.ariagni.hellasgrid.gr:2119/jobmanager-pbs-dteam.sdj
- ce01.marie.hellasgrid.gr:2119/jobmanager-pbs-sdj
- ce02.marie.hellasgrid.gr:2119/jobmanager-pbs-sdj
- cream-ce01.ariagni.hellasgrid.gr:8443/cream-pbs-dteam.sdj
- cream-ce01.marie.hellasgrid.gr:8443/cream-pbs-sdj
- grid4.mif.vu.lt:2119/jobmanager-lcgpbs-sdj
- grive02.ibcp.fr:8443/cream-pbs-sdj
- mario.univ-lille1.fr:8443/cream-pbs-sdj
```

=====

```
[capannini@cert-17 certification]$ python ~/wms_tests.old/WMS-service/WMS-job-cycle.py -c ~/wms_t
```

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

```
==> + TestSuite of the WMS Service
```

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

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

Enter the user proxy password:

## WMSTask26837 < IGIRelease < TWiki

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: /home/capannini/wms_tests.old/WMS-service/WMS-job-cycle.py
====> WMS: emi-demoll.cnaf.infn.it
====> Started: 17:32:05
====> Ended   : 17:43:26
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120316173205.log
```

- WMSService-TS\_20120316173205.log: WMSService-TS\_20120316173205.log

### Collection

#### Bulk submission

```
[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 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: emi-demoll.cnaf.infn.it
====> Started: 12:22:14
====> Ended   : 12:56:24
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120319122214.log
[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 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:

### Collection

WMSTask26837 < IGIRelease < TWiki

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: emi-demoll.cnaf.infn.it
====> Started: 14:17:00
====> Ended : 14:55:41
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120319141700.log
[capannini@cert-17 WMS-service]$ myproxy-init -d
Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
Creating proxy .....
Proxy Verify OK
Your proxy is valid until: Mon Mar 26 15:59:39 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 Tue Mar 20 02:00:12 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  : 10:59:45
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  : 11:58:45
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
====> ++++++

```

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: emi-demo11.cnaf.infn.it
====> Started: 15:00:43
====> Ended   : 15:42:21
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120319150043.log
```

- bulk.tgz: bulk.tgz

### All in a jdl

```
[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
====> + 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 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: emi-demo11.cnaf.infn.it
====> Started: 15:14:03
====> Ended   : 15:42:18
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120319151403.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
====> + 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 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: emi-demo11.cnaf.infn.it
====> Started: 15:18:26
====> Ended  : 15:56:37
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120319151826.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  : 10:40:34
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  : 11:39:34
uri       : voms.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
====> ++++++

```

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: emi-demo11.cnaf.infn.it
====> Started: 15:20:10
====> Ended  : 15:56:46
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120319152010.log

```

- all.tgz: all.tgz

## Parametric job

```

[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:

## WMSTask26837 < IGIRelease < TWiki

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: emi-demoll.cnaf.infn.it

====> Started: 16:16:16

====> Ended : 17:37:20

====>

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

====>

====> Test log file is WMSService-TS\_20120319161616.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

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

====> + 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: emi-demoll.cnaf.infn.it

====> Started: 16:16:45

====> Ended : 17:27:39

====>

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

====>

====> Test log file is WMSService-TS\_20120319161645.log

```
[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

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

====> + 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: emi-demo11.cnaf.infn.it
====> Started: 16:17:29
====> Ended  : 16:57:30
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120319161729.log

```

\* param.tgz: param.tgz

## DAG job

```

[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: emi-demo11.cnaf.infn.it
====> Started: 11:19:51
====> Ended  : 12:17:56
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120320111951.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
====> + TestSuite of the WMS Service

```

Enter the user proxy password:

Set 4: Submit a DAG job

```

====>
====> Test: WMS-job-cycle.py
====> WMS: emi-demo11.cnaf.infn.it
====> Started: 11:19:41
====> Ended  : 12:17:57
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120320111941.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     : 10:38:18
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  : 11:37:18
uri       : voms.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
==> + 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: emi-demol1.cnaf.infn.it
==> Started: 11:19:35
==> Ended  : 12:17:32
==>
==>      === test PASSED ===
==>
==> Test log file is WMSService-TS_20120320111935.log

```

\* dag.tgz: dag.tgz

### Parallel job

```

[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 5: Submit a MPI job (3 cases LCG-CE, CREAM, general)

Test 5A: Submit to an LCG-CE

Test 5B: Submit to a CREAM CE

Test 5C: Submit without restrictions

```

==>
==> Test: WMS-job-cycle.py
==> WMS: emi-demol2.cnaf.infn.it
==> Started: 12:20:15
==> Ended  : 12:32:42
==>
==>      === test PASSED ===
==>
==> Test log file is WMSService-TS_20120320122015.log

```

```

[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 5: Submit a MPI job (3 cases LCG-CE, CREAM, general)

Test 5A: Submit to an LCG-CE

Test 5B: Submit to a CREAM CE

Test 5C: Submit without restrictions

```

====>
====> Test: WMS-job-cycle.py
====> WMS: emi-demo12.cnaf.infn.it
====> Started: 17:45:39
====> Ended  : 18:20:06
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120320174539.log

```

- parallel.tgz: parallel.tgz

### Testing forwarding parameters for parallel jobs

In order to test the passing of mpi parameters (wholenodes,smpgranularity,cpunumber,hostnumber) to the ce, an mpi jdl is submitted with varying values for the parameters, specifying a cream CE as destination. Then the cream jobid is retrieved via a glite-wms-job-logging-info -v 2 ("Dest jobid" field of a Transfer event).Finally the cream jdl is found via glite-ce-job-status -L 2 <cream-jobid>.

The following jdls were submitted:

1)

```

Executable = "openmpi-wrapper.sh";
Arguments="hello";
StdOutput  = "hello.out";
StdError   = "hello.err";
OutputSandbox = {"hello.out", "hello.err"};
InputSandbox = {"home/capannini/certification/mpi/openmpi-wrapper.sh", "home/capannini/certifica
Requirements = Member ("OPENMPI", other.GlueHostApplicationSoftwareRunTimeEnvironment) && RegExp("
WholeNodes = true;
SMPGranularity = 2;
CpuNumber=2;
Hostnumber = 1;

```

### Resulting cream JDL:

```
JDL          = [{"CEInfoHostName" = "cex.grid.unipg.it"; OutputSandboxPath = "/var/SandboxDir/k0
```

2)

```

Executable = "openmpi-wrapper.sh";
Arguments="hello";
StdOutput  = "hello.out";
StdError   = "hello.err";
OutputSandbox = {"hello.out", "hello.err"};
InputSandbox = {"home/capannini/certification/mpi/openmpi-wrapper.sh", "home/capannini/certifica
Requirements = Member ("OPENMPI", other.GlueHostApplicationSoftwareRunTimeEnvironment) && RegExp("
WholeNodes = true;
SMPGranularity = 2;

```

### Resulting cream jdl:

```
JDL          = [{"CEInfoHostName" = "cex.grid.unipg.it"; OutputSandboxPath = "/var/SandboxDir/ii
```

3)

```

Executable = "openmpi-wrapper.sh";
Arguments="hello";
StdOutput  = "hello.out";
StdError   = "hello.err";
OutputSandbox = {"hello.out", "hello.err"};
InputSandbox = {"home/capannini/certification/mpi/openmpi-wrapper.sh", "home/capannini/certifica
Requirements = Member ("OPENMPI", other.GlueHostApplicationSoftwareRunTimeEnvironment) && RegExp("
WholeNodes = false;
SMPGranularity = 3;
CpuNumber=3;
Hostnumber = 1;

```

Submission result:

```
[capannini@cert-17 mpi]$ glite-wms-job-submit -a -c ~/wms_emi-demoll.conf mpi.jdl
```

```
Connecting to the service https://emi-demoll.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

Error -

```
SMPGranularity and HostNumber are mutually exclusive when WholeNodes allocation is not requested:
```

4)

```

Executable = "openmpi-wrapper.sh";
Arguments="hello";
StdOutput  = "hello.out";
StdError   = "hello.err";
OutputSandbox = {"hello.out", "hello.err"};
InputSandbox = {"home/capannini/certification/mpi/openmpi-wrapper.sh", "home/capannini/certifica
Requirements = Member ("OPENMPI", other.GlueHostApplicationSoftwareRunTimeEnvironment) && RegExp("
WholeNodes = false;
SMPGranularity = 3;
CpuNumber=3;

```

Resulting cream jdl:

```
JDL          = [{"CEInfoHostName" = "gridsrv2-4.dir.garr.it"; OutputSandboxPath = "/var/SandboxD
```

5)

```

Executable = "openmpi-wrapper.sh";
Arguments="hello";
StdOutput  = "hello.out";
StdError   = "hello.err";
OutputSandbox = {"hello.out", "hello.err"};
InputSandbox = {"home/capannini/certification/mpi/openmpi-wrapper.sh", "home/capannini/certifica
Requirements = Member ("OPENMPI", other.GlueHostApplicationSoftwareRunTimeEnvironment) && RegExp("
WholeNodes = true;
SMPGranularity = 8;
CpuNumber=8;
Hostnumber = 2;

```

Resulting ce jdl:

```
JDL          = [{"CEInfoHostName" = "ce-02.roma3.infn.it"; OutputSandboxPath = "/var/SandboxDir/
```

====&gt; test PASSED

**Perusal**

```
[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

BEWARE default min perusal interval is 1000 secs, so this phase could take many minutes

```
====>  
====> Test: WMS-job-cycle.py  
====> WMS: emi-demoll.cnaf.infn.it  
====> Started: 16:36:17  
====> Ended : 17:02:41  
====>  
====>      === test PASSED ===  
====>  
====> Test log file is WMSService-TS_20120320163617.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 6: Submit a perusal job

BEWARE default min perusal interval is 1000 secs, so this phase could take many minutes

```
====>  
====> Test: WMS-job-cycle.py  
====> WMS: emi-demoll.cnaf.infn.it  
====> Started: 16:36:46  
====> Ended : 17:05:11  
====>  
====>      === test PASSED ===  
====>  
====> Test log file is WMSService-TS_20120320163646.log
```

```
[capannini@cert-17 WMS-service]$ python WMS-job-cycle.py -c wms-command.conf -d 3 -l -t 6  
====> ++++++  
====> + TestSuite of the WMS Service  
====> + Description: Test a complete job cycle: from submission to get output  
====> ++++++
```

Set 6: Submit a perusal job

BEWARE default min perusal interval is 1000 secs, so this phase could take many minutes

```
====>  
====> Test: WMS-job-cycle.py  
====> WMS: emi-demoll.cnaf.infn.it  
====> Started: 16:37:11  
====> Ended : 17:04:33  
====>  
====>      === test PASSED ===
```

```
====>
====> Test log file is WMSService-TS_20120320163711.log
```

\* perusal.tgz: perusal.tgz

## Delegation

```
[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
====> + Test 1: Check --autm-delegation option
```

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

```
====>
====> Test: WMS-delegation-test.py
====> WMS: emi-demol2.cnaf.infn.it
====> Started: 17:49:18
====> Ended : 17:50:36
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120320174918.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
====> + Test 1: Check --autm-delegation option
```

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

```
====>
====> Test: WMS-delegation-test.py
====> WMS: emi-demol2.cnaf.infn.it
====> Started: 17:49:50
====> Ended : 17:51:05
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120320174950.log
```

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

## WMSTask26837 < IGIRelease < TWiki

```
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  : 4:07:36
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  : 5:06:36
uri       : voms.hellasgrid.gr:15004
[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 two tests which require the user proxy password. Use -i option to enable them

==>
==> Test: WMS-delegation-test.py
==> WMS: emi-demol2.cnaf.infn.it
==> Started: 17:50:26
==> Ended  : 17:50:30
==>
==>      === test PASSED ===
==>
==> Test log file is WMSService-TS_20120320175026.log
```

- deleg.tgz: deleg.tgz

## Job List-match

### Without data

```
[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
```

## WMSTask26837 < IGIRelease < TWiki

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

Test 6: try a matching with EnableWMSFeedback attribute true

```
====>
====> Test: WMS-listmatch-test.py
====> WMS: emi-demol2.cnaf.infn.it
====> Started: 10:52:17
====> Ended  : 10:52:41
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120321105217.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: WMS-listmatch-test.py
====> WMS: emi-demol2.cnaf.infn.it
====> Started: 10:52:40
====> Ended  : 10:53:02
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120321105240.log
```

```
[capannini@cert-17 WMS-service]$ myproxy-init -d
Your identity: /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini
Creating proxy .....
Proxy Verify OK
Your proxy is valid until: Wed Mar 28 11:53:08 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/C
Contacting voms2.hellasgrid.gr:15004 [/C=GR/O=HellasGrid/OU=hellasgrid.gr/CN=voms2.hellasgrid.gr
Creating proxy .....
```

```
Your proxy is valid until Wed Mar 21 21:53:34 2012
A credential has been received for user /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capa
```

## WMSTask26837 < IGIRelease < TWiki

```
[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  : 10:59:53
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]$ 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: WMS-listmatch-test.py
===> WMS: emi-demol2.cnaf.infn.it
===> Started: 10:53:48
===> Ended   : 10:54:07
===>
===>     === test PASSED ===
===>
===> Test log file is WMSService-TS_20120321105348.log
```

### • listmatch.tgz: listmatch.tgz

#### With data

```
[capannini@cert-17 WMS-service]$ export LFC_HOST=prod-lfc-shared-central.cern.ch
[capannini@cert-17 WMS-service]$ lcg-lr --vo dteam lfn:/grid/dteam/fcapanni/PI_1M.txt
srm://gridsrm.pi.infn.it/dteam/fcapanni/PI_1M.txt
srm://srm-public.cern.ch/castor/cern.ch/grid/dteam/fcapanni/PI_1M.txt
The two SEs where the file can be found are gridsrm.pi.infn.it and srm-public.cern.ch.
```

```
[capannini@cert-17 WMS-service]$ cat JDLs/data-req.jdl
#####
#           JDL with Data Requirements           #
#####
```



```

Executable = "/bin/ls";
Arguments = "-la";
StdOutput = "std.out";
StdError = "std.err";
Prologue = "prologue.sh";

FuzzyRank = true;
Environment={"LFC_HOST=prod-lfc-shared-central.cern.ch", "LFC_HOME=prod-lfc-shared-central.cern.c
InputSandbox = {"JDLs/prologue.sh"};
OutputSandbox = {"std.out", "std.err", "prologue.out", "PI_1M.txt"};

DataRequirements = {
[
DataCatalogType = "DLI";
DataCatalog = "http://prod-lfc-shared-central.cern.ch:8085/";
InputData = { "lfn:/grid/dteam/fcapanni/PI_1M.txt" };
]
};

DataAccessProtocol = "gsiftp";
AllowZippedISB=true;
RetryCount = 1;
ShallowRetryCount = 2;

```

```
[capannini@cert-17 WMS-service]$ glite-wms-job-list-match -a -c ~/wms_emi-demo11.conf JDLs/data-r
```

Connecting to the service https://emi-demo11.cnaf.infn.it:7443/glite\_wms\_wmproxy\_server

=====

COMPUTING ELEMENT IDs LIST

The following CE(s) matching your job requirements have been found:

- ```

*CEId*
- ce203.cern.ch:8443/cream-lsf-grid_2nh_dteam
- ce203.cern.ch:8443/cream-lsf-grid_dteam
- ce204.cern.ch:8443/cream-lsf-grid_2nh_dteam
- ce204.cern.ch:8443/cream-lsf-grid_dteam
- ce206.cern.ch:8443/cream-lsf-grid_2nh_dteam
- ce206.cern.ch:8443/cream-lsf-grid_dteam
- ce208.cern.ch:8443/cream-lsf-grid_2nh_dteam
- ce208.cern.ch:8443/cream-lsf-grid_dteam
- cream.sns.it:8443/cream-pbs-cert
- gridce3.pi.infn.it:8443/cream-lsf-certmpi
- gridce0.pi.infn.it:8443/cream-lsf-cert
- gridce1.pi.infn.it:2119/jobmanager-lcglsf-cert
- gridce2.pi.infn.it:2119/jobmanager-lcglsf-cert
- gridce.sns.it:2119/jobmanager-lcgpbs-cert

```

=====

In order to verify that these CEs are close to the above SEs:

```
[capannini@cert-17 WMS-service]$ lcg-infosites --vo dteam closeSE|grep -A 5 ce203
```

```

Name of the CE: ce203.cern.ch:8443/cream-lsf-grid_2nh_dteam
  srm-atlas.cern.ch
  srm-cms.cern.ch
  srm-lhcb.cern.ch
  srm-public.cern.ch

```

```
Name of the CE: ce203.cern.ch:8443/cream-lsf-grid_dteam
```

```

  srm-atlas.cern.ch
  srm-cms.cern.ch
  srm-lhcb.cern.ch
  srm-public.cern.ch

```

```
[capannini@cert-17 WMS-service]$ lcg-infosites --vo dteam closeSE|grep -A 5 ce204
```

## WMSTask26837 < IGIRelease < TWiki

```
Name of the CE: ce204.cern.ch:8443/cream-lsf-grid_2nh_dteam
  srm-atlas.cern.ch
  srm-cms.cern.ch
  srm-lhcb.cern.ch
  srm-public.cern.ch
```

```
Name of the CE: ce204.cern.ch:8443/cream-lsf-grid_dteam
  srm-atlas.cern.ch
  srm-cms.cern.ch
  srm-lhcb.cern.ch
  srm-public.cern.ch
```

```
[capannini@cert-17 WMS-service]$ lcg-infosites --vo dteam closeSE|grep -A 5 gridce3.pi
Name of the CE: gridce3.pi.infn.it:8443/cream-lsf-certmpi
  gridsrm.pi.infn.it
```

```
Name of the CE: gridgate.cp.dias.ie:2119/jobmanager-lcgpbs-test
  gridstore.cp.dias.ie
```

```
[capannini@cert-17 WMS-service]$ lcg-infosites --vo dteam closeSE|grep -A 5 gridce2
Name of the CE: gridce2.pi.infn.it:2119/jobmanager-lcglslf-cert
  gridsrm.pi.infn.it
```

```
Name of the CE: gridce3.pi.infn.it:8443/cream-lsf-certmpi
  gridsrm.pi.infn.it
```

====> Test PASSED

### Gangmatching

```
[capannini@cert-17 certification]$ cat gang.jdl
[
executable="ls.sh";
myproxyserver="";
SRequirements = anyMatch(other.storage.CloseSEs, target.GlueSASStateAvailableSpace > 20);
//SRequirements = true;
CERequirements = other.GlueCEStateStatus == "Production" && other.GlueCEInfoTotalCPUs >= 2;
requirements = CERequirements && SRequirements;
inputsandbox={"ls.sh"};
stdoutput="out3.out";
stderr="err2.err";
outputsandbox={"out3.out", "err2.err", "ls.sh", "a"};
]
```

```
[capannini@cert-17 certification]$ glite-wms-job-list-match -a -c ~/wms_emi-demo11.conf gang.jdl
```

```
Connecting to the service https://emi-demo11.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

```
=====
```

#### COMPUTING ELEMENT IDs LIST

The following CE(s) matching your job requirements have been found:

```
*CEId*
- cccreamceli05.in2p3.fr:8443/cream-sge-long
- cccreamceli05.in2p3.fr:8443/cream-sge-medium
- cccreamceli05.in2p3.fr:8443/cream-sge-short
- cccreamceli06.in2p3.fr:8443/cream-sge-long
- cccreamceli06.in2p3.fr:8443/cream-sge-medium
- cccreamceli06.in2p3.fr:8443/cream-sge-short
- cccreamceli09.in2p3.fr:8443/cream-sge-long
- cccreamceli09.in2p3.fr:8443/cream-sge-medium
- cccreamceli09.in2p3.fr:8443/cream-sge-short
- cccreamceli10.in2p3.fr:8443/cream-sge-long
- cccreamceli10.in2p3.fr:8443/cream-sge-medium
- cccreamceli10.in2p3.fr:8443/cream-sge-short
```

## WMSTask26837 < IGIRelease < TWiki

```
- cmsrm-ce01.roma1.infn.it:2119/jobmanager-lcglsf-cmsgcert
- cmsrm-ce02.roma1.infn.it:2119/jobmanager-lcglsf-cmsgcert
- grid010.ct.infn.it:2119/jobmanager-lcgpbs-cert
- unict-dmi-ce-01.ct.pi2s2.it:2119/jobmanager-lcglsf-cert
- virgo-ce.roma1.infn.it:2119/jobmanager-lcgpbs-cert
- cmsrm-cream01.roma1.infn.it:8443/cream-lsf-cmsgcert
- ce-01.grid.sissa.it:8443/cream-pbs-blade
- cream-ce.pg.infn.it:8443/cream-pbs-cert
- inaf-ce-01.ct.pi2s2.it:8443/cream-lsf-cert
```

=====

In order to verify that the SRequirements are met:

```
[capannini@cert-17 certification]$ lcg-infosites closeSE|grep -A 5 cccreamceli05
Name of the CE: cccreamceli05.in2p3.fr:8443/cream-sge-long
ccsrn.in2p3.fr
```

```
Name of the CE: cccreamceli05.in2p3.fr:8443/cream-sge-medium
ccsrn.in2p3.fr
```

```
Name of the CE: cccreamceli05.in2p3.fr:8443/cream-sge-short
ccsrn.in2p3.fr
```

```
Name of the CE: cccreamceli06.in2p3.fr:8443/cream-sge-long
ccsrn.in2p3.fr
```

```
[capannini@cert-17 certification]$
[capannini@cert-17 certification]$ lcg-infosites se |egrep 'Avail|ccsrn.in2p3.fr'
Avail Space(kB) Used Space(kB) Type SE
12601333761 2431051775 SRM ccsrn.in2p3.fr
```

```
[capannini@cert-17 certification]$
[capannini@cert-17 certification]$
[capannini@cert-17 certification]$ lcg-infosites closeSE|grep -A 5 cmsrm-ce01
Name of the CE: cmsrm-ce01.roma1.infn.it:2119/jobmanager-lcglsf-cmsgcert
cmsrm-se01.roma1.infn.it
```

```
Name of the CE: cmsrm-ce02.roma1.infn.it:2119/jobmanager-lcglsf-cmsgcert
cmsrm-se01.roma1.infn.it
```

```
[capannini@cert-17 certification]$ lcg-infosites se |egrep 'Avail|cmsrm-se01.roma1.infn.it'
Avail Space(kB) Used Space(kB) Type SE
1000 999999 SRM cmsrm-se01.roma1.infn.it
```

```
[capannini@cert-17 certification]$ lcg-infosites closeSE|grep -A 5 unict-dmi-ce-01
Name of the CE: unict-dmi-ce-01.ct.pi2s2.it:2119/jobmanager-lcglsf-cert
unict-dmi-se-01.ct.pi2s2.it
```

```
Name of the CE: unime-ce-01.me.pi2s2.it:2119/jobmanager-lcglsf-cert
unime-se-01.me.pi2s2.it
```

```
[capannini@cert-17 certification]$ lcg-infosites se |egrep 'Avail|unict-dmi-se-01.ct.pi2s2.it'
Avail Space(kB) Used Space(kB) Type SE
58137369 8679392 SRM unict-dmi-se-01.ct.pi2s2.it
```

Moreover, setting SRequirements = true in the jdl, the list of matching CEs is far longer.

====> Test PASSED

### Prologue and Epilogue jobs

```
[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: emi-demoll.cnaf.infn.it

====> Started: 12:42:41

====> Ended : 12:48:00

====>

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

====>

====> Test log file is WMSService-TS\_20120321124241.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

====> + Description: WMS test prologue and epilogue attributes

====> + 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: emi-demoll.cnaf.infn.it

====> Started: 12:42:55

====> Ended : 12:47:44

====>

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

====>

====> Test log file is WMSService-TS\_20120321124255.log

[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

====> + Description: WMS test prologue and epilogue attributes

====> + 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: emi-demoll.cnaf.infn.it

====> Started: 12:43:46

====> Ended : 12:50:02

====>

```
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120321124346.log
```

\* prologue.tgz: prologue.tgz

## Shallow and deep resubmission

```
[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
====> ++++++
```

Enter the user proxy password:

Test 1: Try a shallow resubmission

Test 2: Try a deep resubmission

```
====>
====> Test: WMS-job-resubmit.py
====> WMS: emi-demoll.cnaf.infn.it
====> Started: 15:43:25
====> Ended  : 16:07:40
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120321154325.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
====> ++++++
```

Enter the user proxy password:

Test 1: Try a shallow resubmission

Test 2: Try a deep resubmission

```
====>
====> Test: WMS-job-resubmit.py
====> WMS: emi-demoll.cnaf.infn.it
====> Started: 15:43:41
====> Ended  : 15:56:24
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120321154341.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
====> ++++++
```

Test 1: Try a shallow resubmission

Test 2: Try a deep resubmission

```
====>
```

```

====> Test: WMS-job-resubmit.py
====> WMS: emi-demo11.cnaf.infn.it
====> Started: 15:44:20
====> Ended   : 15:56:28
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120321154420.log
    
```

\* resubmit.tgz: resubmit.tgz

## Job cancel

```

[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: emi-demo11.cnaf.infn.it
====> Started: 17:32:35
====> Ended   : 17:39:44
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120321173235.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
====> ++++++
    
```

Enter the user proxy password:

Test 1: Try to cancel a normal job

Test 2: Try to cancel a DAG job

## Job cancel

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: emi-demo11.cnaf.infn.it
====> Started: 17:32:58
====> Ended   : 17:39:39
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120321173258.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

```
====>
====> Test: WMS-job-cancel.py
====> WMS: emi-demo11.cnaf.infn.it
====> Started: 17:37:44
====> Ended   : 17:46:02
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120321173744.log
```

\* cancel.tgz: cancel.tgz

## Proxy renewal

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-renewal/*
```

then

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

```
[capannini@cert-17 WMS-service]$ voms-proxy-init --voms dteam
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 Fri Mar 23 04:02:35 2012

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

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

```
[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
```

```
Creating proxy ..... Done
```

```
Proxy Verify OK
```

```
Your proxy is valid until: Thu Mar 29 17:02:38 2012
```

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

The following bug [https://savannah.cern.ch/bugs/?func=detailitem&item\\_id=90610](https://savannah.cern.ch/bugs/?func=detailitem&item_id=90610) was not hit by the testsuite because glite-wms-job-info, used by the testsuite, distinguishes between the proxies and doesn't show the bug.

```
[capannini@cert-17 WMS-service]$ python WMS-proxy-renewal.py -c wms-command.conf -V dteam -d 3 -l
==> ++++++
==> + 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 4: Test proxy renewal with CREAM CE (without setting MYPROXYSERVER)
```

```
==> ERROR: Timeout reached while waiting the job https://emi-demo11.cnaf.infn.it:9000/7PGXtMm8gc
==>
```

```
==> Test: WMS-proxy-renewal.py
```

```
==> WMS: emi-demo11.cnaf.infn.it
```

```
==> Started: 10:08:16
```

```
==> Ended : 14:31:07
```

```
==>
```

```
==> >>> TEST FAILED <<<
```



```

====>
====> >>> failure reason: 1 test(s) fail(s): ['Test 4: Test proxy renewal with CREAM CE (without
====>
====> Test log file is WMSService-TS_20120323100816.log
====> Error messages have been written in /home/capannini/wms_tests.old/WMS-service/WMSService-Tes
====>
====> Test directory /home/capannini/wms_tests.old/WMS-service/WMSService-Test_20120323100816 has
You have new mail in /var/spool/mail/capannini
[capannini@cert-17 WMS-service]$
[capannini@cert-17 WMS-service]$
[capannini@cert-17 WMS-service]$
[capannini@cert-17 WMS-service]$ python WMS-proxy-renewal.py -c wms-command.conf -V dteam -d 3 -l
====> ++++++
====> + TestSuite of the WMS Service
====> + Description: WMS test proxy renewal operation
====> ++++++

Enter the user proxy password:

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

====>
====> Test: WMS-proxy-renewal.py
====> WMS: emi-demoll.cnaf.infn.it
====> Started: 14:41:17
====> Ended : 14:41:57
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120323144117.log

```

- WMSService-TS\_20120323100816.log: WMSService-TS\_20120323100816.log
- WMSService-TS\_20120323144117.log: WMSService-TS\_20120323144117.log

## Configuration file

Verified that the following entries are present in /etc/glite-wms/glite\_wms.conf :

### ICE section

```

ICE = [
    job_cancellation_threshold_time = 300;
    max_logfile_size = 100*1024*1024;
    cream_url_prefix = "https://";
    start_subscription_updater = true;
    max_ice_mem = 2096000;
    InputType = "jobdir";
    subscription_update_threshold_time = 3600;
    ice_log_level = 700;
    listener_enable_authn = true;
    listener_enable_authz = true;
    poller_status_threshold_time = 30*60;
    lease_update_frequency = 20*60;
    lease_delta_time = 0;
    cream_url_postfix = "/ce-cream/services/CREAM2";
    subscription_duration = 86400;
    start_lease_updater = false;
    notification_frequency = 3*60;
    creamdelegation_url_postfix = "/ce-cream/services/gridsite-delegation";
    ice_host_cert = "/home/glite/.certs/hostcert.pem";
    cemon_url_postfix = "/ce-monitor/services/CEMonitor";
    ice_topic = "CREAM_JOBS";
    start_proxy_renewer = true;

```

```

Input = "/var/ice/jobdir";
max_logfile_rotations = 10;
start_poller = true;
listener_port = 7010;
poller_delay = 2*60;
creamdelegation_url_prefix = "https://";
purge_jobs = false;
start_listener = false;
proxy_renewal_frequency = 600;
bulk_query_size = 100;
soap_timeout = 60;
persist_dir = "/var/ice/persist_dir";
log_on_file = true;
logfile = "${WMS_LOCATION_LOG}/ice.log";
ice_host_key = "/home/glite/.certs/hostkey.pem";
max_ice_threads = 10;
log_on_console = false;
cemon_url_prefix = "https://";
ice_empty_threshold = 600;
];

```

### WorkloadManagerProxy:

```

WorkloadManagerProxy = [
  EnableServiceDiscovery = false;
  ListMatchRootPath = "/tmp";
  OperationLoadScripts = [
    jobSubmit = "${WMS_LOCATION_SBIN}/glite_wms_wmproxy_load_monitor --oper jobSubmit --l
--diskusage 95 --fdnum 1000 --jdnum 1500 --ftpconn 300";
    jobRegister = "${WMS_LOCATION_SBIN}/glite_wms_wmproxy_load_monitor --oper jobRegister
e 99 --diskusage 95 --fdnum 1000 --jdnum 1500 --ftpconn 300";
  ];
  MinPerusalTimeInterval = 1000;
  MaxServedRequests = 50;
  ServiceDiscoveryInfoValidity = 3600;
  LBServer = {"emi-demoll.cnaf.infn.it:9000"};
  LBServiceDiscoveryType = "org.glite.lb.server";
  LogLevel = 5;
  SandboxStagingPath = "${WMS_LOCATION_VAR}/SandboxDir";
  LBLocalLogger = "localhost:9002";
  WeightsCacheValidity = 86400;
  LogFile = "${WMS_LOCATION_LOG}/wmproxy.log";
  AsyncJobStart = true;
  GridFTPPort = 2811;
  MaxInputSandboxSize = 100000000;
];

```

### NetworkServer:

```

NetworkServer = [
  II_Timeout = 100;
  EnableQuotaManagement = false;
  QuotaInsensibleDiskPortion = 2.0;
  SandboxStagingPath = "${WMS_LOCATION_VAR}/SandboxDir";
  II_DN = "mds-vo-name=local, o=grid";
  MasterThreads = 8;
  ConnectionTimeout = 300;
  LogFile = "${WMS_LOCATION_LOG}/networkserver_events.log";
  LogLevel = 5;
  II_Contact = "cert-bdii-04.cnaf.infn.it";
  //II_Contact = "egee-bdii.cnaf.infn.it";
  II_Port = 2170;
  QuotaAdjustmentAmount = 10000;
  DispatcherThreads = 10;
  Gris_DN = "mds-vo-name=local, o=grid";
  Gris_Port = 2170;
];

```

```

DLI_SI_CatalogTimeout = 60;
EnableDynamicQuotaAdjustment = false;
ListMatchParadise = "${WMS_LOCATION_TMP}/MatchArea";
Gris_Timeout = 20;
BacklogSize = 64;
ListeningPort = 7772;
MaxInputSandboxSize = 10000000;
];

```

### WorkloadManager:

```

WorkloadManager = [
  DisablePurchasingFromGris = true;
  IsmBlackList = {};
  ExpiryPeriod = 7200;
  PipeDepth = 200;
  JobWrapperTemplateDir = "${WMS_JOBWRAPPER_TEMPLATE}";
  IsmDump = "${WMS_LOCATION_VAR}/workload_manager/ismdump.fl";
  IsmIiPurchasingRate = 480;
  MatchRetryPeriod = 600;
  MaxReplansCount = 5;
  EnableRecovery = true;
  DispatcherType = "jobdir";
  LogLevel = 5;
  LogFile = "${WMS_LOCATION_LOG}/workload_manager_events.log";
  DliServiceName = "data-location-interface";
  RuntimeMalloc = "/usr/lib64/libjemalloc.so.1";
  IsmUpdateRate = 600;
  WmsRequirements = ((ShortDeadlineJob == TRUE) ? RegExp(".*sdj$", other.GlueCEUniqueID) :
  CeMonitorAsynchPort = 0;
  QueueSize = 1000;
  EnableBulkMM = true;
  MaxRetryCount = 10;
  SiServiceName = "org.glite.SEIndex";
  IsmThreads = false;
  MaxOutputSandboxSize = -1;
  CeForwardParameters = {"GlueHostMainMemoryVirtualSize", "GlueHostMainMemoryRAMSize", "GlueCEP
  CeMonitorServices = {};
  IsmIiLDAPCEFilterExt = "(|(GlueCEAccessControlBaseRule=VO:atlas) (GlueCEAccessControlBaseRul
  ReplanGracePeriod = 3600;
  Input = "${WMS_LOCATION_VAR}/workload_manager/jobdir";
  WorkerThreads = 5;
];

```

### Common section:

```

Common = [
  HostProxyFile = "${WMS_LOCATION_VAR}/glite/wms.proxy";
  LBProxy = true;
  DGUser = "${GLITE_WMS_USER}";
];

```

### Logmonitor section:

```

LogMonitor = [
  CondorLogRecycleDir = "${WMS_LOCATION_VAR}/logmonitor/CondorG.log/recycle";
  LockFile = "${WMS_LOCATION_VAR}/logmonitor/lock";
  AbortedJobsTimeout = 600;
  CondorLogDir = "${WMS_LOCATION_VAR}/logmonitor/CondorG.log";
  MonitorInternalDir = "${WMS_LOCATION_VAR}/logmonitor/internal";
  MainLoopDuration = 5;
  GlobusDownTimeout = 7200;
  LogLevel = 5;
  JobsPerCondorLog = 1000;
  LogFile = "${WMS_LOCATION_LOG}/logmonitor_events.log";
];

```

## WMSTask26837 < IGIRelease < TWiki

```
ExternalLogFile = "${WMS_LOCATION_LOG}/logmonitor_external.log";
RemoveJobFiles = true;
IdRepositoryName = "irepository.dat";
ForceCancellationRetries = 2;
];
```

### JobController section:

```
JobController = [
  Input = "${WMS_LOCATION_VAR}/jobcontrol/jobdir/";
  ContainerRefreshThreshold = 1000;
  CondorQuery = "${CONDORG_INSTALL_PATH}/bin/condor_q";
  LogFile = "${WMS_LOCATION_LOG}/jobcontroller_events.log";
  CondorDagman = "${CONDORG_INSTALL_PATH}/bin/condor_dagman";
  MaximumTimeAllowedForCondorMatch = 1800;
  CondorRelease = "${CONDORG_INSTALL_PATH}/bin/condor_release";
  OutputFileDir = "${WMS_LOCATION_VAR}/jobcontrol/condorio";
  InputType = "jobdir";
  CondorRemove = "${CONDORG_INSTALL_PATH}/bin/condor_rm";
  DagmanMaxPre = 10;
  LockFile = "${WMS_LOCATION_VAR}/jobcontrol/lock";
  SubmitFileDir = "${WMS_LOCATION_VAR}/jobcontrol/submit";
  CondorSubmit = "${CONDORG_INSTALL_PATH}/bin/condor_submit";
  LogLevel = 5;
];
```

### Verified that:

- The attribute `II_Contact` of `NetworkServer` section matches the value of the yaim variable `BDII_HOST`
- The attribute `IsmIiLDAPCEFilterExt` of `WorkloadManager` section is `(|(GlueCEAccessControlBaseRule=VO:vo1)(GlueCEAccessControlBaseRule=VOMS:/v`
- The attribute `LBServer` of the `WorkloadManagerProxy` section matches the value of yaim variable `LB_HOST`

====> test PASSED

### Limiter mechanism

```
[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 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: WMS-limiter-mechanism.py
====> WMS: emi-dem011.cnaf.infn.it
====> Started: 11:27:11
====> Ended : 11:27:24
====>
====> === test PASSED ===
```

```
====>
====> Test log file is WMSService-TS_20120323112711.log
```

- WMSService-TS\_20120323112711.log: WMSService-TS\_20120323112711.log

## Purge

### Normal job cycle

```
[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
====> ++++++
```

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: WMS-check-purger.py
====> WMS: emi-demol1.cnaf.infn.it
====> Started: 12:34:19
====> Ended : 13:00:47
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120323123419.log
```

- WMSService-TS\_20120323123419.log: WMSService-TS\_20120323123419.log

### SandboxDir cron purger

The purge of the SandBox dir is done by a cron job

- Submit a job and force its purge before it finishes:

```
[capannini@cert-17 ~]$ glite-wms-job-submit -a -c ~/wms_emi-demo11.conf ls.jdl
```

Connecting to the service https://emi-demol1.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://emi-demol1.cnaf.infn.it:9000/VytISYunnM2UepnpRN9o3w
```

```
[capannini@cert-17 ~]$
[capannini@cert-17 ~]$
[capannini@cert-17 ~]$ glite-wms-job-status https://emi-demol1.cnaf.infn.it:9000/VytISYunnM2UepnpRN9o3w
```

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

BOOKKEEPING INFORMATION:

Status info for the Job : https://emi-demol1.cnaf.infn.it:9000/VytISYunnM2UepnpRN9o3w

## Purge

WMSTask26837 < IGIRelease < TWiki

Current Status: Scheduled  
Status Reason: unavailable  
Destination: cebo-t3-01.cr.cnaf.infn.it:8443/cream-lsf-T3\_BO  
Submitted: Fri Mar 23 12:36:49 2012 CET

=====

```
[root@emi-demoll SandboxDir]# su - glite
[glite@emi-demoll ~]$
[glite@emi-demoll ~]$
[glite@emi-demoll ~]$
[glite@emi-demoll ~]$
[glite@emi-demoll ~]$ /usr/sbin/glite-wms-purgeStorage.sh -p /var/SandboxDir/Vy/ -s
23 Mar, 12:38:06 -I: [Info] operator() (/home/condor/execute/dir_26089/userdir/emi.wms.wms-purger/
```

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

- Purge a done job:

```
[capannini@cert-17 ~]$ glite-wms-job-submit -a -c ~/wms_emi-demoll.conf ls.jdl
```

Connecting to the service https://emi-demoll.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://emi-demoll.cnaf.infn.it:9000/HXAN0j1DqWuDPE\_8SDU09Q

=====

```
[capannini@cert-17 ~]$ glite-wms-job-status https://emi-demoll.cnaf.infn.it:9000/HXAN0j1DqWuDPE_8
```

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

BOOKKEEPING INFORMATION:

Status info for the Job : https://emi-demoll.cnaf.infn.it:9000/HXAN0j1DqWuDPE\_8SDU09Q  
Current Status: Done (Success)  
Exit code: 0  
Status Reason: Job Terminated Successfully  
Destination: cream-39.pd.infn.it:8443/cream-pbs-cert  
Submitted: Fri Mar 23 12:42:45 2012 CET

=====

```
[glite@emi-demoll ~]$ /usr/sbin/glite-wms-purgeStorage.sh -p /var/SandboxDir/HX -s
23 Mar, 12:51:19 -I: [Info] operator() (/home/condor/execute/dir_26089/userdir/emi.wms.wms-purger/
```

```
[capannini@cert-17 ~]$ glite-wms-job-status https://emi-demoll.cnaf.infn.it:9000/HXAN0j1DqWuDPE_8
```

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

BOOKKEEPING INFORMATION:

Status info for the Job : https://emi-demoll.cnaf.infn.it:9000/HXAN0j1DqWuDPE\_8SDU09Q  
Current Status: Cleared  
Status Reason: timed out, resource purge forced  
Destination: cream-39.pd.infn.it:8443/cream-pbs-cert  
Submitted: Fri Mar 23 12:42:45 2012 CET

=====

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

- Purge only jobs older than 12 hours:

## WMSTask26837 < IGIRelease < TWiki

```
[glite@emi-demo11 ~]$ find /var/SandboxDir/ -maxdepth 2 -type d -cmin +720
/var/SandboxDir/2n/https_3a_2f_2femi-demo11.cnaf.infn.it_3a9000_2f2n1K8mLSRn62CxdRL5V2mw
/var/SandboxDir/S9/https_3a_2f_2femi-demo11.cnaf.infn.it_3a9000_2fS9jwBKAlY0ViIyQOozZ8gA
```

Try to purge:

```
[glite@emi-demo11 ~]$ date
Fri Mar 23 15:39:16 CET 2012
[glite@emi-demo11 ~]$ ls -l /var/SandboxDir/2n
total 4
drwxrwx--- 5 dteam047 glite 4096 Mar 22 16:52 https_3a_2f_2femi-demo11.cnaf.infn.it_3a9000_2f2n1K
[glite@emi-demo11 ~]$ /usr/sbin/glite-wms-purgeStorage.sh -p /var/SandboxDir/2n -t 43200
23 Mar, 15:39:48 -I: [Info] operator() (/home/condor/execute/dir_26089/userdir/emi.wms.wms-purger/
[glite@emi-demo11 ~]$ ls -l /var/SandboxDir/2n
total 0
[glite@emi-demo11 ~]$ ls -l /var/SandboxDir/S9
total 4
drwxrwx--- 5 dteam047 glite 4096 Mar 21 17:35 https_3a_2f_2femi-demo11.cnaf.infn.it_3a9000_2fS9jw
[glite@emi-demo11 ~]$ /usr/sbin/glite-wms-purgeStorage.sh -p /var/SandboxDir/S9 -t 43200
23 Mar, 15:40:32 -I: [Info] operator() (/home/condor/execute/dir_26089/userdir/emi.wms.wms-purger/
[glite@emi-demo11 ~]$ ls -l /var/SandboxDir/S9
total 0
```

Find some directories that should not be purged:

```
[glite@emi-demo11 ~]$ find /var/SandboxDir/ -maxdepth 2 -type d -cmin -240
/var/SandboxDir/7P/https_3a_2f_2femi-demo11.cnaf.infn.it_3a9000_2f7PGXtMm8gcJ5wIcnzYyGqQ
/var/SandboxDir/OG/https_3a_2f_2femi-demo11.cnaf.infn.it_3a9000_2fOGPEs-2Ne0i4TayaIG_5fDFQ
```

Try to purge:

```
[glite@emi-demo11 ~]$ /usr/sbin/glite-wms-purgeStorage.sh -p /var/SandboxDir/7P -t 43200
[glite@emi-demo11 ~]$ ls -l /var/SandboxDir/7P
total 4
drwxrwx--- 5 dteam047 glite 4096 Mar 23 12:30 https_3a_2f_2femi-demo11.cnaf.infn.it_3a9000_2f7PGX
[glite@emi-demo11 ~]$
[glite@emi-demo11 ~]$ /usr/sbin/glite-wms-purgeStorage.sh -p /var/SandboxDir/OG -t 43200
[glite@emi-demo11 ~]$
[glite@emi-demo11 ~]$ ls -l /var/SandboxDir/OG
total 4
drwxrwx--- 5 dteam047 glite 4096 Mar 23 11:46 https_3a_2f_2femi-demo11.cnaf.infn.it_3a9000_2fOGPE
```

==> Test PASSED

- Purge a job whose proxy is already expired

```
[glite@emi-demo11 ~]$ openssl x509 -in /var/SandboxDir/Zc/https_3a_2f_2femi-demo11.cnaf.infn.it_3
notBefore=Mar 21 16:28:16 2012 GMT
notAfter=Mar 22 16:32:16 2012 GMT
```

```
[capannini@cert-17 ~]$ glite-wms-job-status https://emi-demo11.cnaf.infn.it:9000/Zc2nqpKxjTTf1Y1D
```

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

```
Status info for the Job : https://emi-demo11.cnaf.infn.it:9000/Zc2nqpKxjTTf1Y1DLirJEA
Current Status:      Submitted
Submitted:           Wed Mar 21 17:33:16 2012 CET
Parent Job:          https://emi-demo11.cnaf.infn.it:9000/4yBhu_osKLHV6-qE7STjaQ
=====
```

```
[glite@emi-demo11 ~]$ /usr/sbin/glite-wms-purgeStorage.sh -p /var/SandboxDir/Zc -s23 Mar, 15:56:2
```

```
[capannini@cert-17 ~]$ glite-wms-job-status https://emi-demo11.cnaf.infn.it:9000/Zc2nqpKxjTTf1Y1D
```

WMSTask26837 < IGIRRelease < TWiki

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

BOOKKEEPING INFORMATION:

Status info for the Job : https://emi-demo11.cnaf.infn.it:9000/Zc2nqpKxjTTf1Y1DLirJEA  
Current Status: Cleared  
Status Reason: timed out, resource purge forced  
Submitted: Wed Mar 21 17:33:16 2012 CET  
Parent Job: https://emi-demo11.cnaf.infn.it:9000/4yBhu\_osKLV6-qE7STjaQ  
=====

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

- Purge a dag job

[capannini@cert-17 dag]\$ glite-wms-job-submit -a -c ~/wms\_emi-demo11.conf dag.jdl

Connecting to the service https://emi-demo11.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://emi-demo11.cnaf.infn.it:9000/nSNSnE-tjh87JO6juecJ3g  
=====

[capannini@cert-17 dag]\$ glite-wms-job-status https://emi-demo11.cnaf.infn.it:9000/nSNSnE-tjh87JO6juecJ3g

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

BOOKKEEPING INFORMATION:

Status info for the Job : https://emi-demo11.cnaf.infn.it:9000/nSNSnE-tjh87JO6juecJ3g  
Current Status: Running  
Status Reason: unavailable  
Destination: dagman  
Submitted: Fri Mar 23 15:58:59 2012 CET  
=====

- Nodes information for:

Status info for the Job : https://emi-demo11.cnaf.infn.it:9000/0oWd90UfoGa\_Hpekbxanjw  
Current Status: Submitted  
Submitted: Fri Mar 23 15:58:59 2012 CET  
=====

Status info for the Job : https://emi-demo11.cnaf.infn.it:9000/SPpi50irdHyOVsjnOlfJ2A  
Current Status: Submitted  
Submitted: Fri Mar 23 15:58:59 2012 CET  
=====

Status info for the Job : https://emi-demo11.cnaf.infn.it:9000/WZYAUZqFIPJijTyT9kb5iQ  
Current Status: Ready  
Destination: argoce01.na.infn.it:2119/jobmanager-lcgpbs-cert  
Submitted: Fri Mar 23 15:58:59 2012 CET  
=====

Status info for the Job : https://emi-demo11.cnaf.infn.it:9000/iHlJijMoMfZeD05Ax3nJNA  
Current Status: Submitted  
Submitted: Fri Mar 23 15:58:59 2012 CET  
=====

Status info for the Job : https://emi-demo11.cnaf.infn.it:9000/oX3RwUu\_\_q7fOPKX518OJA  
Current Status: Submitted  
Submitted: Fri Mar 23 15:58:59 2012 CET  
=====



## WMSTask26837 < IGIRelease < TWiki

```
[glite@emi-demo11 ~]$ /usr/sbin/glite-wms-purgeStorage.sh -p /var/SandboxDir/nS -s
23 Mar, 16:01:46 -I: [Info] operator() (/home/condor/execute/dir_26089/userdir/emi.wms.wms-purger/
23 Mar, 16:01:46 -I: [Info] operator() (/home/condor/execute/dir_26089/userdir/emi.wms.wms-purger/
```

```
[capannini@cert-17 dag]$ glite-wms-job-status https://emi-demo11.cnaf.infn.it:9000/nSNSnE-tjh87JO
```

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

```
BOOKKEEPING INFORMATION:
```

```
Status info for the Job : https://emi-demo11.cnaf.infn.it:9000/nSNSnE-tjh87JO6juecJ3g
Current Status:      Cleared
Status Reason:      timed out, resource purge forced
Destination:        dagman
Submitted:           Fri Mar 23 15:58:59 2012 CET
=====
```

```
- Nodes information for:
```

```
  Status info for the Job : https://emi-demo11.cnaf.infn.it:9000/0oWd90UfoGa_Hpekboxanjw
  Current Status:      Cleared
  Status Reason:      timed out, resource purge forced
  Submitted:           Fri Mar 23 15:58:59 2012 CET
=====
```

```
  Status info for the Job : https://emi-demo11.cnaf.infn.it:9000/SPpi50irdHyOVsjn0lfJ2A
  Current Status:      Cleared
  Status Reason:      timed out, resource purge forced
  Submitted:           Fri Mar 23 15:58:59 2012 CET
=====
```

```
  Status info for the Job : https://emi-demo11.cnaf.infn.it:9000/WZyAUZqFIPJijTyT9kb5iQ
  Current Status:      Cleared
  Status Reason:      timed out, resource purge forced
  Destination:        argoce01.na.infn.it:2119/jobmanager-lcgpbs-cert
  Submitted:           Fri Mar 23 15:58:59 2012 CET
=====
```

```
  Status info for the Job : https://emi-demo11.cnaf.infn.it:9000/iHlJijMoMfZeD05Ax3nJNA
  Current Status:      Cleared
  Status Reason:      timed out, resource purge forced
  Submitted:           Fri Mar 23 15:58:59 2012 CET
=====
```

```
  Status info for the Job : https://emi-demo11.cnaf.infn.it:9000/oX3RwUu__q7fOPKX518OJA
  Current Status:      Cleared
  Status Reason:      timed out, resource purge forced
  Submitted:           Fri Mar 23 15:58:59 2012 CET
=====
```

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

## Feedback

```
[capannini@cert-17 WMS-service]$ pwd
/home/capannini/wms_tests/WMS-service
[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: emi-demo11.cnaf.infn.it
====> Started: 14:08:41
====> Ended  : 14:12:18
====>
====>      === test PASSED ===
====>
====> Test log file is WMSService-TS_20120328140841.log

```

- WMSService-TS\_20120328140841.log: WMSService-TS\_20120328140841.log

## Published information

### bdb database information

```

ldapsearch -x -H ldap://emi-demo11.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
# emi-demo11.cnaf.infn.it_org.glite.wms.WMPProxy_841415637, resource, grid
dn: GlueServiceUniqueID=emi-demo11.cnaf.infn.it_org.glite.wms.WMPProxy_841415637,7,Mds-Vo-name=resource,o=grid
GlueServiceAccessControlBaseRule: VO:atlas
GlueServiceAccessControlBaseRule: VO:alice
GlueServiceAccessControlBaseRule: VO:lhcb
GlueServiceAccessControlBaseRule: VO:cms
GlueServiceAccessControlBaseRule: VO:dteam
GlueServiceAccessControlBaseRule: VO:biomed
GlueServiceAccessControlBaseRule: VO:ops
GlueServiceAccessControlBaseRule: VO:infngrid
GlueServiceAccessControlBaseRule: VO:testers.eu-emi.eu
GlueServiceStatus: Other
GlueServiceStatusInfo: ??
objectClass: GlueTop
objectClass: GlueService
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueServiceUniqueID: emi-demo11.cnaf.infn.it_org.glite.wms.WMPProxy_841415637
GlueServiceAccessControlRule: atlas
GlueServiceAccessControlRule: alice
GlueServiceAccessControlRule: lhcb
GlueServiceAccessControlRule: cms
GlueServiceAccessControlRule: dteam

```

## WMSTask26837 < IGIRelease < TWiki

```
GlueServiceAccessControlRule: biomed
GlueServiceAccessControlRule: ops
GlueServiceAccessControlRule: infngrid
GlueServiceAccessControlRule: testers.eu-emi.eu
GlueServiceEndpoint: https://emi-dem011.cnaf.infn.it:7443/glite_wms_wmproxy_server
GlueServiceVersion: 3.3.5
GlueSchemaVersionMinor: 3
GlueServiceName: INFN-CREAMTEST-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=INFN-CREAMTEST
GlueServiceOwner: atlas
GlueServiceOwner: alice
GlueServiceOwner: lhcb
GlueServiceOwner: cms
GlueServiceOwner: dteam
GlueServiceOwner: biomed
GlueServiceOwner: ops
GlueServiceOwner: infngrid
GlueServiceOwner: testers.eu-emi.eu
GlueSchemaVersionMajor: 1
GlueServiceStartTime: 2012-03-26T00:00:01+02:00

# DN, emi-dem011.cnaf.infn.it_org.glite.wms.WMProxy_841415637, resource, grid
dn: GlueServiceDataKey=DN,GlueServiceUniqueID=emi-dem011.cnaf.infn.it_org.glite.wms.WMProxy_841415637,Mds-Vo-name=resource,o=grid
GlueSchemaVersionMajor: 1
objectClass: GlueTop
objectClass: GlueServiceData
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueSchemaVersionMinor: 3
GlueServiceDataKey: DN
GlueChunkKey: GlueServiceUniqueID=emi-dem011.cnaf.infn.it_org.glite.wms.WMProxy_841415637
GlueServiceDataValue: /C=IT/O=INFN/OU=Host/L=CNAF/CN=emi-dem011.cnaf.infn.it

# glite-info-service_version, emi-dem011.cnaf.infn.it_org.glite.wms.WMProxy_841415637, resource, grid
dn: GlueServiceDataKey=glite-info-service_version,GlueServiceUniqueID=emi-dem011.cnaf.infn.it_org.glite.wms.WMProxy_841415637,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=emi-dem011.cnaf.infn.it_org.glite.wms.WMProxy_841415637
GlueServiceDataValue: 1.6

# glite-info-service_hostname, emi-dem011.cnaf.infn.it_org.glite.wms.WMProxy_841415637, resource, grid
dn: GlueServiceDataKey=glite-info-service_hostname,GlueServiceUniqueID=emi-dem011.cnaf.infn.it_org.glite.wms.WMProxy_841415637,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=emi-dem011.cnaf.infn.it_org.glite.wms.WMProxy_841415637
```

```
y_841415637
GlueServiceDataValue: emi-demo11.cnaf.infn.it
```

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

```
# numResponses: 8
# numEntries: 7
```

## Stats database definitions

```
ldapsearch -x -H ldap://emi-demo11.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/12-03-26-11-05-27-snapshot.gz
```

```
# localhost, infosys
dn: Hostname=localhost,o=infosys
objectClass: UpdateStats
Hostname: localhost
FailedDeletes: 0
ModifiedEntries: 5
DeletedEntries: 0
UpdateTime: 0
FailedAdds: 0
FailedModifies: 0
TotalEntries: 14
QueryTime: 0
NewEntries: 1
DBUpdateTime: 0
ReadTime: 0
PluginsTime: 0
ProvidersTime: 0
```

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

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

## Stats database definitions

```
ldapsearch -x -H ldap://emi-demo11.cnaf.infn.it:2170 -b 'o=glue'
# extended LDIF
#
# LDAPv3
# base <o=glue> with scope subtree
```

## WMSTask26837 < IGIRelease < TWiki

```
# 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

# emi-demo11.cnaf.infn.it_wmproxy_2598325561, resource, glue
dn: GLUE2ServiceID=emi-demo11.cnaf.infn.it_wmproxy_2598325561,GLUE2GroupID=resource,o=glue
GLUE2EntityValidity: 3600
GLUE2ServiceType: org.glite.wms.WMProxy
GLUE2ServiceID: emi-demo11.cnaf.infn.it_wmproxy_2598325561
objectClass: GLUE2Service
GLUE2ServiceQualityLevel: production
GLUE2EntityOtherInfo: InfoProviderName=glite-info-glue2-service
GLUE2EntityOtherInfo: InfoProviderVersion=1.1
GLUE2EntityOtherInfo: InfoProviderHost=emi-demo11.cnaf.infn.it
GLUE2ServiceComplexity: endpointType=1, share=0, resource=0
GLUE2ServiceCapability: executionmanagement.candidatesetgenerator
GLUE2ServiceCapability: executionmanagement.jobdescription
GLUE2ServiceCapability: executionmanagement.jobmanager
GLUE2EntityName: INFN-CREAMTEST-WMProxy
GLUE2ServiceAdminDomainForeignKey: INFN-CREAMTEST
GLUE2EntityCreationTime: 2012-03-26T09:05:27Z

# emi-demo11.cnaf.infn.it_wmproxy_2598325561_org.glite.wms.WMProxy_2598325561
, emi-demo11.cnaf.infn.it_wmproxy_2598325561, resource, glue
dn: GLUE2EndpointID=emi-demo11.cnaf.infn.it_wmproxy_2598325561_org.glite.wms.WMProxy_2598325561,GLUE2ServiceID=emi-demo11.cnaf.infn.it_wmproxy_2598325561,GLUE2GroupID=resource,o=glue
GLUE2EntityValidity: 3600
GLUE2EndpointQualityLevel: production
GLUE2EndpointImplementor: gLite
GLUE2EntityOtherInfo: InfoProviderName=glite-info-glue2-endpoint
GLUE2EntityOtherInfo: InfoProviderVersion=1.2
GLUE2EntityOtherInfo: InfoProviderHost=emi-demo11.cnaf.infn.it
GLUE2EntityOtherInfo: MiddlewareName=EMI
GLUE2EntityOtherInfo: MiddlewareVersion=1.10.0-1
GLUE2EndpointCapability: executionmanagement.candidatesetgenerator
GLUE2EndpointCapability: executionmanagement.jobdescription
GLUE2EndpointCapability: executionmanagement.jobmanager
GLUE2EndpointHealthState: ok
GLUE2EndpointServiceForeignKey: emi-demo11.cnaf.infn.it_wmproxy_2598325561
GLUE2EntityName: WMProxy endpoint for Service emi-demo11.cnaf.infn.it_wmproxy_2598325561
GLUE2EndpointTechnology: webservice
GLUE2EndpointWSDL: http://web.infn.it/gLiteWMS/images/WMS/Docs/wmproxy.wsdl
GLUE2EndpointInterfaceName: org.glite.wms.WMProxy
GLUE2EndpointURL: https://emi-demo11.cnaf.infn.it:7443/glite_wms_wmproxy_server
GLUE2EndpointDowntimeInfo: See the GOC DB for downtimes: https://goc.egi.eu/
GLUE2EndpointImplementationVersion: 3.3.5
GLUE2EndpointSemantics: http://web.infn.it/gLiteWMS/images/WMS/Docs/wmproxy-guide.pdf
```

## WMSTask26837 < IGIRelease < TWiki

```
GLUE2EndpointIssuerCA: /C=IT/O=INFN/CN=INFN CA
GLUE2EndpointServingState: production
objectClass: GLUE2Endpoint
GLUE2EndpointInterfaceVersion: 1.0
GLUE2EndpointImplementationName: WMS
GLUE2EndpointTrustedCA: IGTf
GLUE2EndpointID: emi-demo11.cnaf.infn.it_wmproxy_2598325561_org.glite.wms.WMPProxy_2598325561
GLUE2EndpointStartTime: 2012-03-25T22:00:01Z
GLUE2EndpointHealthStateInfo: WMPProxy httpd listening on port 7443 httpd is running .... == WMPProxy Server running instances: UID PID PPID C STIME TTY TIME CMD glite 11507 27310 0 09:28 ? 00:00:00 /usr/bin/glite_wms_wmproxy_server
GLUE2EntityCreationTime: 2012-03-26T09:05:27Z
```

```
# DN_1, emi-demo11.cnaf.infn.it_wmproxy_2598325561_org.glite.wms.WMPProxy_2598325561, emi-demo11.cnaf.infn.it_wmproxy_2598325561, resource, glue
dn: GLUE2ExtensionLocalID=DN_1, GLUE2EndpointID=emi-demo11.cnaf.infn.it_wmproxy_2598325561_org.glite.wms.WMPProxy_2598325561, GLUE2ServiceID=emi-demo11.cnaf.infn.it_wmproxy_2598325561, GLUE2GroupID=resource, o=glue
GLUE2ExtensionLocalID: DN_1
GLUE2ExtensionKey: DN
objectClass: GLUE2Extension
GLUE2ExtensionValue: /C=IT/O=INFN/OU=Host/L=CNAF/CN=emi-demo11.cnaf.infn.it
GLUE2ExtensionEntityForeignKey: emi-demo11.cnaf.infn.it_wmproxy_2598325561_org.glite.wms.WMPProxy_2598325561
```

```
# emi-demo11.cnaf.infn.it_wmproxy_2598325561_org.glite.wms.WMPProxy_2598325561_Policy, emi-demo11.cnaf.infn.it_wmproxy_2598325561_org.glite.wms.WMPProxy_2598325561, emi-demo11.cnaf.infn.it_wmproxy_2598325561, resource, glue
dn: GLUE2PolicyID=emi-demo11.cnaf.infn.it_wmproxy_2598325561_org.glite.wms.WMPProxy_2598325561_Policy, GLUE2EndpointID=emi-demo11.cnaf.infn.it_wmproxy_2598325561_org.glite.wms.WMPProxy_2598325561, GLUE2ServiceID=emi-demo11.cnaf.infn.it_wmproxy_2598325561, GLUE2GroupID=resource, o=glue
GLUE2AccessPolicyEndpointForeignKey: emi-demo11.cnaf.infn.it_wmproxy_2598325561_org.glite.wms.WMPProxy_2598325561
GLUE2EntityValidity: 3600
objectClass: GLUE2Policy
objectClass: GLUE2AccessPolicy
GLUE2PolicyRule: VO:atlas
GLUE2PolicyRule: VO:alice
GLUE2PolicyRule: VO:lhcb
GLUE2PolicyRule: VO:cms
GLUE2PolicyRule: VO:dteam
GLUE2PolicyRule: VO:biomed
GLUE2PolicyRule: VO:ops
GLUE2PolicyRule: VO:infngrid
GLUE2PolicyRule: VO:testers.eu-emi.eu
GLUE2PolicyScheme: org.glite.standard
GLUE2EntityOtherInfo: InfoProviderName=glite-info-glue2-endpoint
GLUE2EntityOtherInfo: InfoProviderVersion=1.2
GLUE2EntityOtherInfo: InfoProviderHost=emi-demo11.cnaf.infn.it
GLUE2PolicyUserDomainForeignKey: atlas
GLUE2PolicyUserDomainForeignKey: alice
GLUE2PolicyUserDomainForeignKey: lhcb
GLUE2PolicyUserDomainForeignKey: cms
GLUE2PolicyUserDomainForeignKey: dteam
GLUE2PolicyUserDomainForeignKey: biomed
GLUE2PolicyUserDomainForeignKey: ops
GLUE2PolicyUserDomainForeignKey: infngrid
GLUE2PolicyUserDomainForeignKey: testers.eu-emi.eu
GLUE2PolicyID: emi-demo11.cnaf.infn.it_wmproxy_2598325561_org.glite.wms.WMPProxy_2598325561_Policy
GLUE2EntityName: Access control rules for Endpoint emi-demo11.cnaf.infn.it_wmproxy_2598325561_org.glite.wms.WMPProxy_2598325561
GLUE2EntityCreationTime: 2012-03-26T09:05:27Z
```

```
# search result
```

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

```
# numResponses: 8
# numEntries: 7
```

## Performance test

### Collection of 1000 nodes

#### Submission of a collection of 1000 nodes

```
[capannini@cert-17 StressTest]$ ./StressTest.sh -t 1 -n 1000 -c ~/wms_devel20.conf -j ls.jdl
Test starts on mer mar 21 12:13:25 CET 2012: submit 1 collections (of 1000 nodes) with a frequenc
```

```
Submission n. 1:
mer mar 21 12:13:25 CET 2012: user 0 is submitting...
```

```
Connecting to the service https://devel20.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://devel17.cnaf.infn.it:9000/_-FtjYEN09PrG31-TpMU1A
```

```
The job identifier has been saved in the following file:
/home/capannini/certification/StressTest/Test_1332328400/output/USER0_0.jobid
```

```
=====
```

```
Submission takes 5 seconds.
1 jobs submitted in 5 seconds: 5/5/5 (min/avg/max)
Test finishes at mer mar 21 12:13:30 CET 2012
```

All the nodes of the collection reached the status Done (Success), except a few of them which were submitted to the CE cremoso.cnaf.infn.it which had problems.

```
====> Test PASSED
```

### Stress test

- 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_devel20.conf -j ls.jdl
Test starts on mer mar 21 16:10:09 CET 2012: submit 2880 collections (of 25 nodes) with a frequenc
```

## Results

2880 jobs submitted in 4721 seconds: 1/1/48 (min/avg/max) Test finishes at ven mar 23 16:09:44 CET 2012

Results: DONE : 71777 NOTDone: 0 Aborted: 98

---

Total : 71875

done jobs on CREAM CEs: 71354 (99.4%) done jobs on LCG CEs: 423 (0.6%)

The above statistics is obtained in the following way: [capannini@cert-17 output]\$ cat \*.done|wc -l 71777  
[capannini@cert-17 output]\$ cat \*.done|grep '8443/cream' |wc -l 71354 [capannini@cert-17 output]\$ cat  
\*.done|grep '2119/jobmanager'|wc -l 423

=====> Test PASSED (Aborted/Total = 0.1%)

## Regression tests

### Bugs attached to the task

**bug #87261: WMproxy GACLs do not support wildcards (as they used to do) Fix Certified**

The WMproxy GACL file should accept now wildcards, on the FQAN tag only.

VO: dteam, FQAN: /dteam/Role=NULL/Capability=NULL

Test #1: GACL: [...] /dteam /dteam/R\* [...]

access granted: [capannini@cert-17 ~]\$ glite-wms-job-submit -a -c wms\_emi-demo11.conf ls.jdl

Connecting to the service https://emi-demo11.cnaf.infn.it:7443/glite\_wms\_wmproxy\_server

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

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

https://emi-demo11.cnaf.infn.it:9000/laC85FTZblaB409x38-mMQ

=====  
=====

WMP log says: 26 Mar, 12:20:58 -D- PID: 32135 - "GaclManager::loadCredential": GACL FQAN  
fqan:/dteam/R%2A was matched to /dteam/Role=NULL/Capability=NULL

Test #2: [...] /dteam /dteam/r\* [...]

access denied :

[capannini@cert-17 ~]\$ glite-wms-job-submit -a -c wms\_emi-demo11.conf ls.jdl

Connecting to the service https://emi-demo11.cnaf.infn.it:7443/glite\_wms\_wmproxy\_server

Warning - Unable to delegate the credential to the endpoint:

https://emi-demo11.cnaf.infn.it:7443/glite\_wms\_wmproxy\_server AuthorizationException: Authorization  
error: user not authorized at



```
checkGaclUserAuthZ()[/home/condor/execute/dir_2494/userdir/emi.wms.wmproxy/build/./src/authorizer/wmpauthori
at
checkGaclUserAuthZ()[/home/condor/execute/dir_2494/userdir/emi.wms.wmproxy/build/./src/authorizer/wmpauthori
at
authorize()[/home/condor/execute/dir_2494/userdir/emi.wms.wmproxy/build/./src/authorizer/wmpauthorizer.cpp:149]
at
getProxyReq()[/home/condor/execute/dir_2494/userdir/emi.wms.wmproxy/build/./src/server/wmpoperations.cpp:627]
```

Switching to next WMPProxy Server...

Error - Operation failed Unable to find any endpoint where to perform service request

Test #3:

```
[...] /dtea* [...]
```

access granted

```
[capannini@cert-17 ~]$ glite-wms-job-submit -a -c wms_emi-demo11.conf ls.jdl
```

Connecting to the service [https://emi-demo11.cnaf.infn.it:7443/glite\\_wms\\_wmproxy\\_server](https://emi-demo11.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://emi-demo11.cnaf.infn.it:9000/EPcAIfYJL6YkFKhlgJkNRw
```

```
=====
```

WMP log says: 26 Mar, 12:22:36 -D- PID: 32135 - "GaclManager::loadCredential": GACL FQAN fqan:/dtea%2A was matched to /dteam/Role=NULL/Capability=NULL

```
Test #4: [...] /dteam /dteam/* [...]
```

access granted

```
[capannini@cert-17 ~]$ glite-wms-job-submit -a -c wms_emi-demo11.conf ls.jdl
```

Connecting to the service [https://emi-demo11.cnaf.infn.it:7443/glite\\_wms\\_wmproxy\\_server](https://emi-demo11.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://emi-demo11.cnaf.infn.it:9000/2M1Csn3LSER-jq5nfgNblw
```

```
=====
```

WMP log says: 26 Mar, 12:24:23 -D- PID: 32135 - "GaclManager::loadCredential": GACL FQAN fqan:/dteam/%2A was matched to /dteam/Role=NULL/Capability=NULL

**bug #91875: EMI WMS doesn't use grid\_monitor Fix Certified**

Submit a job to a GRAM CE and check that the script /opt/lcg/sbin/grid\_monitor.sh (linked by /usr/sbin/grid\_monitor.sh) is accessed in read.

```
[root@emi-demo11 ~]# date
lun mar 26 14:18:26 CEST 2012
```

```
[root@emi-demo11 ~]# ls -lu /opt/lcg/sbin/grid_monitor.sh
-rwxr-xr-x 1 root root 41918 23 mar 14:35 /opt/lcg/sbin/grid_monitor.sh
```

```
[capannini@cert-17 ~]$ glite-wms-job-submit -a -c wms_emi-demo11.conf ls.jdl
```

Connecting to the service https://emi-demo11.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://emi-demo11.cnaf.infn.it:9000/as7TpX-6HLtfl081piz24g

=====

```
[root@emi-demo11 ~]# ls -lu /opt/lcg/sbin/grid_monitor.sh
-rwxr-xr-x 1 root root 41918 26 mar 14:20 /opt/lcg/sbin/grid_monitor.sh
```

**Old bugs**

**bug #40982 : When a collection is aborted the "Abort" event should be logged for the sub-nodes as well /2 Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 40982 -1
+++++
+ Regression TestSuite .... +
+++++
```

Testing bug 40982

All tests PASSED

**bug #44599 : WMS should consider "MaxTotalJobs" Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 44599 -1
+++++
+ Regression TestSuite .... +
+++++
```

Testing bug 44599

All tests PASSED

**bug #50009 : wmproxy.gacl person record allows anyone to pass Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 50009 -1
+++++
+ Regression TestSuite .... +
```

+++++

Testing bug 50009

All tests PASSED

**bug #52617 : [ yaim-wms ] host{cert,key}.pem in /home/glite Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 52617 -1
+++++
+ Regression TestSuite .... +
+++++
```

Testing bug 52617

All tests PASSED

**bug #58968 : Request for handling SMPGranularity attribute in the JDL Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 58968 -1
+++++
+ Regression TestSuite .... +
+++++
```

Testing bug 58968

All tests PASSED

**bug #62211 : [ yaim-wms ] Enable Glue 2.0 publishing Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 62211 -1
+++++
+ Regression TestSuite .... +
+++++
```

Testing bug 62211

All tests PASSED

**bug #70061 : WMS hates collections with 192 nodes! Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 70061 -1
+++++
+ Regression TestSuite .... +
+++++
```

Testing bug 70061

All tests PASSED

**bug #70824 : environment values in JDL cannot have spaces Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 70824 -1
+++++
+ Regression TestSuite .... +
+++++
```

Testing bug 70824

bug #50009: wmpoxy.gacl person record allows anyone to pass Passedspan

All tests PASSED

**bug #73192 : Submission failed due to a credential problem Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 73192 -1
+++++
+ Regression TestSuite ... +
+++++

Testing bug 73192
```

All tests PASSED

**bug #73699 : Wrong retry count computation Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 73699 -1
+++++
+ Regression TestSuite ... +
+++++

Testing bug 73699
```

All tests PASSED

**bug #73711 : edg\_wll\_SetLoggingJobProxy with empty sequence code returns "no state in DB" Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 73711 -1
+++++
+ Regression TestSuite ... +
+++++

Testing bug 73711
```

All tests PASSED

**bug #75368 : ICE should log a DONE\_FAILED to LB every time the job is going to be resubmitted Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 75368 -1
+++++
+ Regression TestSuite ... +
+++++

Testing bug 75368
```

All tests PASSED

**bug #77004 : Wrong myproxyserver string processing in ICE Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 77004 -1
+++++
+ Regression TestSuite ... +
+++++

Testing bug 77004
```

All tests PASSED

**bug #77055 : "MyProxyServer: wrong type caught for attribute" for parametric jobs Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 77055 -1
+++++
+ Regression TestSuite ....
+++++
```

Testing bug 77055

All tests PASSED

**bug #77694 : Resource BDII for WMS needs to be revisit Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 77694 -1
+++++
+ Regression TestSuite ....
+++++
```

Testing bug 77694

All tests PASSED

**bug #77876 : While purging DAGs/Collections the CLEAR event is only logged for the parent node Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 77876 -1
+++++
+ Regression TestSuite ....
+++++
```

Testing bug 77876

All tests PASSED

**bug #78406 : [ yaim-wms ] yaim should set lsmlLDAPCEFilterExt according to the supported VO(s) Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 78406 -1
+++++
+ Regression TestSuite ....
+++++
```

Testing bug 78406

All tests PASSED

**bug #78484 : [ YAIM\_WMS ] Multiple parameter configuration added in condor\_config.local Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 78484 -1
+++++
+ Regression TestSuite ....
+++++
```

Testing bug 78484

All tests PASSED

**bug #79141 : various bugs about parametric jobs Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 79141 -1
+++++
+ Regression TestSuite .... +
+++++
```

Testing bug 79141

All tests PASSED

**bug #81376 : glite-wms-wmproxy.restart.cron MUST support graceful wmp restart Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 81376 -1
+++++
+ Regression TestSuite .... +
+++++
```

Testing bug 81376

All tests PASSED

**bug #81568 : some inconsistencies in locations for logs and configuration Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 81568 -1
+++++
+ Regression TestSuite .... +
+++++
```

Testing bug 81568

All tests PASSED

**bug #82687 : emi WMS problems with ISB tar file handling Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 82687 -1
+++++
+ Regression TestSuite .... +
+++++
```

Testing bug 82687

All tests PASSED

**bug #82776 : typo in WMS jobwrapper Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 82776 -1
+++++
+ Regression TestSuite .... +
+++++
```

Testing bug 82776

All tests PASSED

**bug #82983 : [yaim-wms] authorization problem in WMS EMI-1 Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 82983 -1
+++++
+ Regression TestSuite ....
+++++
```

Testing bug 82983

All tests PASSED

**bug #83062 : [yaim-wms] A different template should be used for glue2 publication Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 83062 -1
+++++
+ Regression TestSuite ....
+++++
```

Testing bug 83062

All tests PASSED

**bug #85327 : [yaim-wms] glite-wms-wmproxy.restart.cron missing HOSTNAME environment variable Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 85327 -1
+++++
+ Regression TestSuite ....
+++++
```

Testing bug 85327

All tests PASSED

**bug #86490 : EMI WMS stops accepting jobs after 31999th submission for the same DN (on ext3) Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 86490 -1
+++++
+ Regression TestSuite ....
+++++
```

Testing bug 86490

All tests PASSED

**bug #86682 : [yaim-wms] yaim changes ownership of /var Passed**

```
[capannini@cert-17 regression_tests]$ python execute_regTest.py -d 3 -b 86682 -1
+++++
+ Regression TestSuite ....
+++++
```

Testing bug 86682

All tests PASSED

# Nagios probes test

## Clean installation

### Environment

Clean SL5 installation plus an EMI-UI according to EMI guidelines.

### Repositories

- `wget --no-check-certificate https://twiki.cern.ch/twiki/pub/EMI/EMI1Updates/testing.repo -O /etc/yum.repos.d/testing.repo`
- `wget http://repository.egi.eu/sw/production/sam/1/repofiles/sam.repo -O /etc/yum.repos.d/sam.repo`

### Install

```
[root@cert-17 ~]# yum install emi-wms-nagios
Loaded plugins: downloadonly, kernel-module, priorities, protect-packages, protectbase, security,
Repository EGI-trustanchors is listed more than once in the configuration
Repository EMI-1-base is listed more than once in the configuration
Repository EMI-1-updates is listed more than once in the configuration
Repository EMI-1-third-party is listed more than once in the configuration
EMI-1-testing-base
EMI-1-testing-base/primary_db
EMI-1-testing-third-party
EMI-1-testing-third-party/primary_db
EMI-1-testing-updates
EMI-1-testing-updates/primary_db
Oracle
Oracle/primary_db
core
core/primary
core
egi-sam
egi-sam/primary_db
extras
extras/primary_db
4791 packages excluded due to repository priority protections
0 packages excluded due to repository protections
Reading version lock configuration
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package emi-wms-nagios.noarch 0:1.0.0-1.e15 set to be updated
--> Processing Dependency: nagios-submit-conf >= 0.2 for package: emi-wms-nagios
--> Processing Dependency: python-GridMon >= 1.1.10 for package: emi-wms-nagios
--> Processing Dependency: python-ldap for package: emi-wms-nagios
--> Running transaction check
---> Package nagios-submit-conf.noarch 0:0.2-2.e15 set to be updated
---> Package python-GridMon.noarch 0:1.1.12-1.e15 set to be updated
---> Package python-ldap.x86_64 0:2.2.0-2.1 set to be updated
--> Finished Dependency Resolution
Beginning Kernel Module Plugin
Finished Kernel Module Plugin

Dependencies Resolved
```

```
=====
Package                                Arch                                Version
=====
Installing:
emi-wms-nagios                          noarch                              1.0.0-1.e15
=====
```



Installing for dependencies:

|                    |        |              |
|--------------------|--------|--------------|
| nagios-submit-conf | noarch | 0.2-2.e15    |
| python-GridMon     | noarch | 1.1.12-1.e15 |
| python-ldap        | x86_64 | 2.2.0-2.1    |

Transaction Summary

```
=====
Install      4 Package(s)
Upgrade     0 Package(s)
```

Total download size: 340 k

Is this ok [y/N]: y

Downloading Packages:

```
(1/4): nagios-submit-conf-0.2-2.e15.noarch.rpm
(2/4): emi-wms-nagios-1.0.0-1.e15.noarch.rpm
(3/4): python-ldap-2.2.0-2.1.x86_64.rpm
(4/4): python-GridMon-1.1.12-1.e15.noarch.rpm
```

Total

Running rpm\_check\_debug

Running Transaction Test

Finished Transaction Test

Transaction Test Succeeded

Running Transaction

```
Installing      : python-ldap
Installing      : nagios-submit-conf
Installing      : python-GridMon
Installing      : emi-wms-nagios
```

Installed:

```
emi-wms-nagios.noarch 0:1.0.0-1.e15
```

Dependency Installed:

```
nagios-submit-conf.noarch 0:0.2-2.e15      python-GridMon.noarch 0:1.1.12-1.e15
```

Complete!

## Upgrade from production

N/A: This is the initial release. No previous version to upgrade from.

## Unit Tests

N/A: The nagios probes are interpreted python scripts. Unit tests do not apply.

## Regression Tests

N/A: This is the initial release. No associated bugs exist.

## Functional Tests

### Preparation

Log as a user and create a valid voms proxy

### WMSProbe

- State + Monit

```
[capannini@cert-17 ~]$ /usr/libexec/grid-monitoring/probes/emi.wms/WMS-probe --vo dteam -x /tmp/x
```

## WMSTask26837 < IGIRelease < TWiki

OK:

OK:

Testing from: cert-17.cnaf.infn.it

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

VOMS FQANs: /dteam/Role=NULL/Capability=NULL, /dteam/NGI\_IT/Role=NULL/Capability=NULL

Connecting to the service [https://emi-demol1.cnaf.infn.it:7443/glite\\_wms\\_wmproxy\\_server](https://emi-demol1.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://emi-demol1.cnaf.infn.it:9000/2b21TYV75wO2Zx4z34gIWg>

The job identifier has been saved in the following file:

</var/lib/gridprobes/dteam/emi.wms/WMS/emi-demol1.cnaf.infn.it/jobID>

=====

```
[capannini@cert-17 ~]$ /usr/libexec/grid-monitoring/probes/emi.wms/WMS-probe --vo dteam -x /tmp/x
```

```
metric results >>> <emi-demol1.cnaf.infn.it,emi.wms.WMS-JobState-dteam>
```

```
OK: [Scheduled] https://emi-demol1.cnaf.infn.it:9000/2b21TYV75wO2Zx4z34gIWg
```

```
OK: [Scheduled] https://emi-demol1.cnaf.infn.it:9000/2b21TYV75wO2Zx4z34gIWg
```

```
glite-wms-job-status https://emi-demol1.cnaf.infn.it:9000/2b21TYV75wO2Zx4z34gIWg
```

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

BOOKKEEPING INFORMATION:

Status info for the Job : <https://emi-demol1.cnaf.infn.it:9000/2b21TYV75wO2Zx4z34gIWg>

Current Status: Scheduled

Status Reason: Job successfully submitted to Globus

Destination: [grid-ce.lns.infn.it:2119/jobmanager-lcgpbs-cert](https://grid-ce.lns.infn.it:2119/jobmanager-lcgpbs-cert)

Submitted: Wed Mar 28 12:09:33 2012 CEST

OK: Jobs processed - 1

OK: Jobs processed - 1

```
[Scheduled] : 1|jobs_processed=1;; DONE=0;; RUNNING=0;; SCHEDULED=1;; SUBMITTED=0;; READY=0;; WAITING=0
```

```
[capannini@cert-17 ~]$ /usr/libexec/grid-monitoring/probes/emi.wms/WMS-probe --vo dteam -x /tmp/x
```

```
OK: Active job - Scheduled [2012-03-28T10:10:04Z]
```

```
OK: Active job - Scheduled [2012-03-28T10:10:04Z]
```

Testing from: cert-17.cnaf.infn.it

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

VOMS FQANs: /dteam/Role=NULL/Capability=NULL, /dteam/NGI\_IT/Role=NULL/Capability=NULL

Active job - Scheduled [2012-03-28T10:10:04Z]

```
[capannini@cert-17 ~]$
```

```
[capannini@cert-17 ~]$
```

```
[capannini@cert-17 ~]$ /usr/libexec/grid-monitoring/probes/emi.wms/WMS-probe --vo dteam -x /tmp/x
```

```
OK: Active job - Scheduled [2012-03-28T10:10:04Z]
```

```
OK: Active job - Scheduled [2012-03-28T10:10:04Z]
```

Testing from: cert-17.cnaf.infn.it

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

VOMS FQANs: /dteam/Role=NULL/Capability=NULL, /dteam/NGI\_IT/Role=NULL/Capability=NULL

Active job - Scheduled [2012-03-28T10:10:04Z]

```
[capannini@cert-17 ~]$ /usr/libexec/grid-monitoring/probes/emi.wms/WMS-probe --vo dteam -x /tmp/x
```

```
OK: Active job - Running [2012-03-28T10:26:18Z]
```

```
OK: Active job - Running [2012-03-28T10:26:18Z]
```

Testing from: cert-17.cnaf.infn.it

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

VOMS FQANs: /dteam/Role=NULL/Capability=NULL, /dteam/NGI\_IT/Role=NULL/Capability=NULL

Active job - Running [2012-03-28T10:26:18Z]

```
[capannini@cert-17 ~]$ /usr/libexec/grid-monitoring/probes/emi.wms/WMS-probe --vo dteam -x /tmp/x
```

## WMSTask26837 < IGIRelease < TWiki

```
metric results >>> <emi-demoll1.cnaf.infn.it,emi.wms.WMS-JobSubmit-dteam>
OK: success.
```

```
glite-wms-job-output --noint --nosubdir --dir /var/lib/gridprobes/dteam/emi.wms/WMS/emi-demoll1.cnaf.infn.it
```

```
Connecting to the service https://emi-demoll1.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

```
Warning - option --nosubdir specified:
output files with same name will be overridden
```

```
Warning - Directory already exists:
/var/lib/gridprobes/dteam/emi.wms/WMS/emi-demoll1.cnaf.infn.it/jobOutput
```

```
=====
```

JOB GET OUTPUT OUTCOME

```
Output sandbox files for the job:
https://emi-demoll1.cnaf.infn.it:9000/2b21TYV75wO2Zx4z34gIWg
have been successfully retrieved and stored in the directory:
/var/lib/gridprobes/dteam/emi.wms/WMS/emi-demoll1.cnaf.infn.it/jobOutput
```

```
=====
```

```
metric results >>> <emi-demoll1.cnaf.infn.it,emi.wms.WMS-JobState-dteam>
OK: success.
```

```
glite-wms-job-output --noint --nosubdir --dir /var/lib/gridprobes/dteam/emi.wms/WMS/emi-demoll1.cnaf.infn.it
```

```
Connecting to the service https://emi-demoll1.cnaf.infn.it:7443/glite_wms_wmproxy_server
```

```
Warning - option --nosubdir specified:
output files with same name will be overridden
```

```
Warning - Directory already exists:
/var/lib/gridprobes/dteam/emi.wms/WMS/emi-demoll1.cnaf.infn.it/jobOutput
```

```
=====
```

JOB GET OUTPUT OUTCOME

```
Output sandbox files for the job:
https://emi-demoll1.cnaf.infn.it:9000/2b21TYV75wO2Zx4z34gIWg
have been successfully retrieved and stored in the directory:
/var/lib/gridprobes/dteam/emi.wms/WMS/emi-demoll1.cnaf.infn.it/jobOutput
```

```
=====
```

```
OK: Jobs processed - 1
OK: Jobs processed - 1
Done : 1|jobs_processed=1;; DONE=1;; RUNNING=0;; SCHEDULED=0;; SUBMITTED=0;; READY=0;; WAITING=0;
```

**Summary: PASSED**

- State + Monit + Cancel

```
[capannini@cert-17 ~]$ /usr/libexec/grid-monitoring/probes/emi.wms/WMS-probe --vo dteam -x /tmp/x
OK:
OK:
Testing from: cert-17.cnaf.infn.it
DN: /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy
```

## WMSTask26837 < IGIRelease < TWiki

VOMS FQANs: /dteam/Role=NULL/Capability=NULL, /dteam/NGI\_IT/Role=NULL/Capability=NULL

Connecting to the service https://emi-demol1.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://emi-demol1.cnaf.infn.it:9000/Cr-WRd9KppMM5OnrOlyxbg

The job identifier has been saved in the following file:  
/var/lib/gridprobes/dteam/emi.wms/WMS/emi-demol1.cnaf.infn.it/jobID

=====

```
[capannini@cert-17 ~]$ /usr/libexec/grid-monitoring/probes/emi.wms/WMS-probe --vo dteam -x /tmp/x
metric results >>> <emi-demol1.cnaf.infn.it,emi.wms.WMS-JobState-dteam>
OK: [Scheduled] https://emi-demol1.cnaf.infn.it:9000/Cr-WRd9KppMM5OnrOlyxbg
OK: [Scheduled] https://emi-demol1.cnaf.infn.it:9000/Cr-WRd9KppMM5OnrOlyxbg
glite-wms-job-status https://emi-demol1.cnaf.infn.it:9000/Cr-WRd9KppMM5OnrOlyxbg
```

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

BOOKKEEPING INFORMATION:  
  
Status info for the Job : https://emi-demol1.cnaf.infn.it:9000/Cr-WRd9KppMM5OnrOlyxbg  
Current Status: Scheduled  
Status Reason: Job successfully submitted to Globus  
Destination: grid-ce.lns.infn.it:2119/jobmanager-lcgpbs-infinite  
Submitted: Wed Mar 28 13:56:07 2012 CEST

=====  
OK: Jobs processed - 1  
OK: Jobs processed - 1  
[Scheduled] : 1|jobs\_processed=1;; DONE=0;; RUNNING=0;; SCHEDULED=1;; SUBMITTED=0;; READY=0;; WAITING=0

```
[capannini@cert-17 ~]$ /usr/libexec/grid-monitoring/probes/emi.wms/WMS-probe --vo dteam -x /tmp/x
OK: job cancelled
OK: job cancelled
Testing from: cert-17.cnaf.infn.it
DN: /C=IT/O=INFN/OU=Personal Certificate/L=CNAF/CN=Fabio Capannini/CN=proxy
VOMS FQANs: /dteam/Role=NULL/Capability=NULL, /dteam/NGI_IT/Role=NULL/Capability=NULL
Job cancellation request sent:
glite-wms-job-cancel --noint -i /var/lib/gridprobes/dteam/emi.wms/WMS/emi-demol1.cnaf.infn.it/jobID
Job bookkeeping files deleted.
```

```
[capannini@cert-17 ~]$ glite-wms-job-status https://emi-demol1.cnaf.infn.it:9000/Cr-WRd9KppMM5OnrOlyxbg
```

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

BOOKKEEPING INFORMATION:  
  
Status info for the Job : https://emi-demol1.cnaf.infn.it:9000/Cr-WRd9KppMM5OnrOlyxbg  
Current Status: Cancelled  
Logged Reason(s):  
- Aborted by user  
Destination: grid-ce.lns.infn.it:2119/jobmanager-lcgpbs-infinite  
Submitted: Wed Mar 28 13:56:07 2012 CEST

=====

Summary: **PASSED**

FabioCapannini - 2012-03-15

This topic: IGIRelease > WMSTask26837

Topic revision: r34 - 2012-07-29 - CristinaAiftimiei



Copyright © 2008-2019 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.

Ideas, requests, problems regarding TWiki? Send feedback