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TESTS

- Normal jobs work: OK
- Dag jobs work: OK
- Perusal jobs work: OK
- MPICH jobs work: OK

```
Modified mpirun: Executing command: /home/dteam029/globus-tmp.griditwn03.7486.0/https_3a_2f_2fdev
Process 0 of 1 on griditwn03.na.infn.it
pi is approximately 3.1415926544231341, Error is 0.0000000008333410
wall clock time = 10.001266
```

- Submission of 270 collections of 100 jobs each (10 collections every 30 minutes), using 1 user and a fuzzy rank (used 90 lcg CEs):
 - ◆ Success > 99.99% OK
 - ◆ Cancelled about 1800 jobs due to a problem with the CEs at in2p3.fr

Check bugs:

- BUG #13494 : FIXED
 - ◆ checked by Laurence Field and ARC developers
- BUG #16308 : FIXED
 - ◆ Set the two parameters, `subscription_update_threshold_time` and `subscription_duration` in the ICE section of the `glite_wms.conf` file to low values, such as the following:

```
subscription_duration = 300;
subscription_update_threshold_time = 150;
```

so that a subscription expires after 5 minutes

- ◆ Re-start ICE by the script `'/opt/glite/etc/init.d/glite-wms-ice'`
- ◆ Submit a job and check the status of the subscription by the following command of the cream client:

```
CEMonitorSubscriberMgr <cert_proxy> <cert_path> <service_URL_address>
```

- BUG #21909 : FIXED
 - ◆ In the `wmproxy` startup script check if there are these lines:

```
if ( /sbin/pidof $httpd ) >/dev/null 2>&1 ; then
    echo $httpd \ (pid ` /sbin/pidof $httpd ` ) is running ....
```

- BUG #23443 : FIXED
 - ◆ Required documents are not put into the glite doc template in edms
- BUG #24173 : FIXED
 - ◆ Check if in the `JobWrapper` there are these lines:

```
for edg_rm_command in $GLITE_LOCATION/bin/edg-rm $EDG_LOCATION/bin/edg-rm `which edg-rm`
[...]
```

- BUG #24690 : NOT COMPLETELY FIXED

- ◆ The message error that you could find in the wmpoxy log (also with level 5) is:
edg_wll_JobStat GSSAPI Error
- ◆ In any case now there is a dedicated cron script to renew host-proxy (e.g. it is not included in the cron-purger script)

- **BUG #26885 : FIXED**

- ◆ Checked with two subsequent submissions of 5 collections made of 50 nodes each. ICE does not leave any job with status UNKNOWN behind in the cache

- **BUG #27215 : FIXED (for a LCG-CE); NOT fixed for a CREAM-CE**

- ◆ Set the parameter MaxOutputSandboxSize in the WorkloadManager section of the configuration file /opt/glite/etc/glite_wms.conf on the WMS to 100 and restart the workload manager.
- ◆ Submit a jdl like this:

```
[
  Type = "Job";
  Executable = "27215_exe.sh";
  Arguments = "70";
  StdOutput = "test.out";
  StdError = "test.err";
  Environment = {"GLITE_LOCAL_MAX_OSB_SIZE=35"};
  InputSandbox = {"27215_exe.sh"};
  OutputSandbox = {"test.err", "test.out", "out2", "out1"};
  usertags = [ bug = "27215" ];
]
```

where 27215_exe.sh contains

```
#!/bin/sh
MAX=$1
i=0
while [ $i -lt $MAX ]; do
    echo -n "1" >> out1
    echo -n "2" >> out2
    i=$((i + 1))
done
```

- ◆ When Done retrieving the output files, this should be the result of an ls -l of the output dir:

```
-rw-rw-r-- 1 ale ale 30 Jul  8 16:02 out1.tail
-rw-rw-r-- 1 ale ale 70 Jul  8 16:02 out2
-rw-rw-r-- 1 ale ale  0 Jul  8 16:02 test.err
-rw-rw-r-- 1 ale ale  0 Jul  8 16:02 test.out
```

- **BUG #27797 : FIXED**

- ◆ Submit a jdl like this one:

```
[
  JobType = "parametric";
  Executable = "/usr/bin/env";
  Environment = {"MYPATH_PARAM_=$PATH:/bin:/usr/bin:$HOME"};
  StdOutput = "echo_PARAM.out";
  StdError = "echo_PARAM.err";
  OutputSandbox = {"echo_PARAM.out", "echo_PARAM.err"};
  Parameters = {test, 2};
]
```

- ◆ The generated jdl should contains:

```
[
  requirements = other.GlueCEStateStatus == "Production";
  nodes = [ dependencies = { };
]
```

```
Node_test = [ ... ];
Node_2 = [ ... ];
[...]
]
```

- **BUG #27899 : FIXED**
 - ◆ Edit the configuration file in `/opt/glite/etc//glite_wmsclient.conf` by changing the `virtualorganisation` attribute in the `JdlDefaultAttributes` section to a different from the one used to generate the user proxy, as in the following:
 - ◆ Submit a job and check the generated `.jdl` has the right `virtualorganisation` defined, that is the same as the one used to generated the user proxy

- **BUG #28235 : FIXED**
 - ◆ Change the `jdl` setting the name of an existing CE (in the requirements)
 - ◆ At the end of the jobs with this command: **`glite-wms-job-logging-info -v 2 "jobid" | grep -A 2 Match | grep Dest`** you should see 3 times the name of the previously choosen CE. (The job must be Aborted with reason: hit job shallow retry count (2))

- **BUG #28249 : Hopefully fixed**
 - ◆ bug posted by the developer

- **BUG #28498 : FIXED**
 - ◆ compilation error with `gcc-4.x`

- **BUG #28637 : FIXED**
 - ◆ Create a delegated proxy with **`glite-wms-job-delegate-proxy -d pippo`** on the `wmproxy` server of the `wms` machine
 - ◆ Submit a job to a `cream` CE via the `wms` using the previously created delegated proxy: **`glite-wms-job-submit myjob.jdl -d pippo`**
 - ◆ Delete records for the user DN you are submitting with from the `delegationdb` on the `CREAM` CE, like the following:

```
delete from t_credential where dn like '%Elisabetta%';
delete from t_credential_cache where dn like '%Elisabetta%';
```
 - ◆ Submit a new normal job using the same delegated proxy as above;

- **BUG #28642 : FIXED**
 - ◆ Submit this `jdl`:

```
[
Executable = "/usr/bin/env" ;
Stdoutput = "env.out" ;
StdError = "env.err" ;
shallowretrycount = 2;
InputSandbox = { "data/input.txt" };
OutputSandbox = { "env.out" ,"env.err", "input.txt" } ;
Environment={"LD_LIBRARY_PATH="};
usertags = [ bug = "28642" ];
]
```
 - ◆ Get the output of the job. In the output directory you should find the file `input.txt`, and the `LD_LIBRARY_PATH` should be set to `."` into the file `env.out`.

- **BUG #28657 : FIXED**
 - ◆ Stop ICE: `/opt/glite/etc/glite-wms-ice stop`
 - ◆ Corrupt ICE database, e.g. by doing the following:

```
For each file (all but *proxy*) in /var/glite/ice/persist_dir do:
```

WmsTests3dot1dot100 < EgeeJra1It < TWiki

```
cat "pippo" > "file"
done
```

- ◆ Start ICE: `/opt/glite/etc/glite-wms-ice start`
- ◆ In the ICE log file you should see something like:

```
2008-07-29 12:44:00,537 FATAL - jobCache::jobCache() - Failed to
initialize the jobDbManager object. Reason is: Db::open: Invalid argument
```

- BUG #29182 : Hopefully fixed
 - ◆ not easy to reproduce
- BUG #29538 : Hopefully fixed
 - ◆ bug posted by the developer
- BUG #30289 : FIXED
 - ◆ Fixed by not using 'clog'
- BUG #30308 : FIXED
 - ◆ Submit this jdl:

```
[
requirements = ( other.GlueCEStateStatus == "Production" ) && Member("MPICH",other.C
Type = "Job";
NodeNumber = 4;
Executable = "30308_exe.sh";
Arguments = "cpi 4";
StdOutput = "test.out";
StdError = "test.err";
InputSandbox = {"30308_exe.sh", "exe/cpi"};
OutputSandbox = {"test.err", "test.out", "executable.out"};
usertags = [ bug = "30308" ];
]
```

Where the 30308_exe.sh should be:

```
#!/bin/sh
# The first parameter is the binary to be executed
EXE=$1
# The second parameter is the number of CPU's to be reserved for parallel execution
CPU_NEEDED=$2
chmod 777 $EXE
# prints the list of files in the working directory
echo "List files on the working directory:"
ls -alR `pwd`
# execute the user job
mpirun -np $CPU_NEEDED -machinefile $PBS_NODEFILE `pwd`/$EXE >& executable.out
```

- ◆ When DONE retrieve the output and check that the directory `.mpi` should not be listed in the test.out output file.
- BUG #30518 : Hopefully fixed
 - ◆ not easy to reproduce
- BUG #30816 : FIXED
 - ◆ Already fixed and working on the production wms using patch #1491
- BUG #30896 : FIXED
 - ◆ Set `maxInputSandboxFiles = 2`; in the `WorkloadManagerProxy` section of the configuration file on the WMS, and restart the `wmproxy`.
 - ◇ Submit a job with more than 2 files listed in the `InputSandbox` parameter

- ◇ Check if the job is immediately set as Aborted and if the reason of the status is: **The Operation is not allowed: The maximum number of input sandbox files is reached**
- ◆ Set `maxOutputSandboxFiles = 2`; in the `WorkloadManagerProxy` section of the configuration file on the WMS and restart the `wmproxy`.
 - ◇ Submit a job with more than 2 files listed in the `I=OutputSandbox=` parameter
 - ◇ Check if the job is immediately set as Aborted and if the reason of the status is: **The Operation is not allowed: The maximum number of output sandbox files is reached**

- BUG #30900 : FIXED

- ◆ Default value on WMS conf file is again: `MinPerusalTimeInterval = 5`; -> this should be set by `yaim` (see #30900)
- ◆ Default value for `MinPerusalTimeInterval` should be check on the configuration file of the WMS.
- ◆ Set `MaxPerusalFiles = 1`; on the `WorkloadManagerProxy` of the configuration file on the WMS and restart the `wmproxy`.
- ◆ After the submission of the `jdl` give this command: **`glite-wms-job-perusal --set -f perusal.out -f perusal.err "jobid"`** The answer should be:

```
Error - WMPProxy Server Error
The Operation is not allowed: The maximum number of perusal files is reached

Method: enableFilePerusal
```

- BUG #31006 : Hopefully FIXED

- ◆ Not easy to reproduce

- BUG #31026 : FIXED

- ◆ Simply check the `/opt/glite/etc/templates/template.sh` file on a WMS

- BUG #31278 : FIXED

- ◆ Using the command **`glite-wms-job-info --jdl "jobid" | grep -i requirements`** check if the expression `RegExp(".*sdj$", other.GlueCEUniqueID)`; is present (the exact expression should be found in the configuration file on the WMS, section: `WorkloadManagerProxy`, parameter: `SDJRequirements`)
- ◆ Setting `ShortDeadlineJob=false`; in the `jdl`, the previous command should contain the expression `!RegExp(".*sdj$", other.GlueCEUniqueID)`

- BUG #32078 : FIXED

- ◆ Set on the WMS conf file: `II_Contact = "lcg-bdii.cern.ch"`;
- ◆ Do a list-match using this `jdl`:

```
[
  Requirements = RegExp(".manchester.ac.uk:2119.*", other.GlueCEUniqueID) && anyMatch
  Executable = "/bin/ls";
  prologue = "/bin/false";
]
```

the output should be:

```
- ce01.tier2.hep.manchester.ac.uk:2119/jobmanager-lcgpbs-dteam
```

- BUG #32345 : FIXED

- ◆ Reproduced the problem by inserting a 500 sec sleep in the dirmanager and killing it by hand while unzipping the ISB. The job stays in status 'waiting' and is not forwarded to the WM.

- **BUG #32366 : FIXED**

- ◆ Check if in the file `/opt/glite/etc/templates/template.sh` on a WMS there are these lines:

```
# customization point
if [ -n "${GLITE_LOCAL_CUSTOMIZATION_DIR}" ]; then
  if [ -f "${GLITE_LOCAL_CUSTOMIZATION_DIR}/cp_1_5.sh" ]; then
    . "${GLITE_LOCAL_CUSTOMIZATION_DIR}/cp_1_5.sh"
  fi
fi
```

- **BUG #32528 : FIXED**

- ◆ Set a very low timeout for the BDII on the WMS conf file: `II_Timeout = 3;`
- ◆ Now setting on the WMS conf file: `IsmIILDAPSearchAsync = false;`
- ◆ You should see in the log file of the workload_manager (if you use a populate BDII):

```
[Warning] fetch_bdii_ce_info(ldap-utils.cpp:640): Timed out
[Warning] fetch_bdii_se_info(ldap-utils.cpp:308): Timed out
[Debug] do_purchase(ism-ii-purchaser.cpp:176): BDII fetching completed in 4 seconds
[Info] do_purchase(ism-ii-purchaser.cpp:193): Total VO_VIEWS entries in ISM : 0
[Info] do_purchase(ism-ii-purchaser.cpp:194): Total SE entries in ISM : 0
```

- ◆ **Setting: `IsmIILDAPSearchAsync = true`: you should obtain more (>0) VO_VIEWS entries (e.g.):**

```
[Debug] fetch_bdii_ce_info(ldap-utils-async.cpp:628): #1652 LDAP entries received
[Debug] fetch_bdii_ce_info(ldap-utils-async.cpp:781): ClassAd representation k
[Debug] fetch_bdii_se_info(ldap-utils-async.cpp:444): #2381 LDAP entries received
[Debug] fetch_bdii_se_info(ldap-utils-async.cpp:504): ClassAd representation k
[Debug] do_purchase(ism-ii-purchaser.cpp:176): BDII fetching completed in 10 seconds
[Info] do_purchase(ism-ii-purchaser.cpp:193): Total VO_VIEWS entries in ISM : 53
[Info] do_purchase(ism-ii-purchaser.cpp:194): Total SE entries in ISM : 61
```

- **BUG #32962 : FIXED**

- **BUG #32980 : FIXED**

- ◆ Submit a jdl
- ◆ Look into the SandBox dir of the job (on the WMS) until you see the Maradona file
- ◆ Put the condor job (equivalent to your job previously submitted) on hold, this should trigger a resubmission
- ◆ When the job has been resubmitted check if the old Maradona file has been removed

- **BUG #33026 : FIXED**

- ◆ Set the `II_Timeout` parameter in the NetworkServr section of the `glite_wms.conf` file on the WMS to a very low value, as for ex.: `II_Timeout = 2;`
- ◆ Rre-start the WM and check the `$GLITE_WMS_LOCATION_VAR/workload_manager/ismdump.fl` does not get emptied
- ◆ Perform some job-list-match operation checking that it gets some match results

- **BUG #33103 : FIXED:**

- ◆ Add this parameter to section WorkloadManager of the `glite_wms.conf` configuration file (using for example vo "cms" as filter): **`IsmIILDAPCEFilterExt = "(| (GlueCEAccessControlBaseRule=VO:cms) (GlueCEAccessControlBaseRule=V`**
- ◆ Restart the WM

- ◆ Doing a list-match using a voms proxy of a different VO (e.g. dteam) you should obtain "no resource available".
- BUG #33140 : Hopefully FIXED
 - ◆ Not easy to reproduce
- BUG #33378 : FIXED
 - ◆ Removed if present the directory
\$GLITE_WMS_LOCATION_VAR/workload_manager/jobdir on the WMS
 - ◆ Restart the wm and check id the previous directory is recreated.
- BUG #34508 : FIXED
 - ◆ Stop the WM on the WMS.
 - ◆ Submit a collection
 - ◆ Restart the WM
 - ◆ Check if the status of the collection changes to Running
- BUG #34510 : FIXED
 - ◆ Set the "ExpiryPeriod" parameter in the glite_wms.conf configuration file to a very low value, such as the following: ExpiryPeriod = 2;
 - ◆ Overload the wms, by submitting several collections sequentially, like for example: 10 collections by 100 nodes
 - ◆ Check the jobstatus of the last submitted collections and keep submitting until the status of the parent node is aborted because of the following:

```
*****
BOOKKEEPING INFORMATION:

Status info for the Job : https://devel17.cnaf.infn.it:9000/qQe68ESYiRNDNXZPNsG-AA
Current Status:         Aborted
Status Reason:         request expired
Submitted:              Wed Jul 30 11:23:49 2008 CEST
*****
```

- ◆ Stop submitted and check if the status of all the children nodes is aborted as well
- BUG #35156 : FIXED
 - ◆ Check if the proxy file name is hardcoded on
\$GLITE_WMS_LOCATION/sbin/glite-wms-purgeStorage.sh
- BUG #35250 : FIXED
 - ◆ Test it for the filelist input method by setting the following two parameters in the glite_wms.conf WMS configuration file, workload manager section:

```
DispatcherType = "filelist";
Input = "${GLITE_LOCATION_VAR}/workload_manager/input.fl";
```

- ◇ Re-start the WM and submit a DAG
- ◇ Check if it is successful
- ◆ Test it for the jobdir input method by setting the following two parameters in the glite_wms.conf WMS configuration file, workload manager section:

```
DispatcherType = "jobdir";
Input = "${GLITE_LOCATION_VAR}/workload_manager/jobdir";
```

- ◇ Re-start the WM and submit a DAG
- ◇ Check if it is successful

- BUG #35878 : FIXED
 - ◆ compilation error with gcc-4.x
- BUG #36145 : FIXED
 - ◆ Set the following two parameters in the glite_wms.conf WMS configuration file, workload manager section:

```
DispatcherType = "jobdir";  
Input = "${GLITE_LOCATION_VAR}/workload_manager/jobdir";
```

- ◇ Re-start the WM and submit a DAG
- ◇ Check if it is successful

- BUG #36341 : Hopefully fixed
 - ◆ bug posted by the developer
- BUG #36466 : Hopefully fixed
 - ◆ bug posted by the developer
- BUG #36496 : FIXED
 - ◆ Consider this /opt/glite/etc/glite_wms_wmproxy.gacl file:

```
<?xml version="1.0"?>  
<gacl version="0.0.1">  
<entry>  
<any-user/>  
<allow><exec/></allow>  
</entry>  
</gacl>
```

- Restart wmproxy: /opt/glite/etc/init.d/glite-wms-wmproxy restart
- Try to issue some commands (e.g. glite-wms-job-list-match, glite-wms-job-submit, glite-wms-job-delegate-proxy, etc...) towards that WMS They should succeed considering any proxy
- BUG #36536 : FIXED
 - ◆ Submitted a normal job
 - ◆ Waited until finished successfully
 - ◆ Checked the job record is in the LBProxy mysql DB (e.g.: mysql# select * from jobs where jobid like '%hLrG4YYebvYB0xsrPO4q8A%'; where https://devel17.cnaf.infn.it:9000/hLrG4YYebvYB0xsrPO4q8A is the jobid)
 - ◆ Retrieved the output via 'glite-wms-job-output'
 - ◆ Checked the job record is no more in the LBProxy mysql DB (e.g.: the previous query should return: Empty set)

- BUG #36551 : FIXED

- BUG #36558 : FIXED
 - ◆ Check if in the syslog there are lines like:

```
May 14 12:37:12 trinity glite_wms_wmproxy_server[3633]: ts=2008-05-14T12:37:12 : eve
```

e.g. userid is specified

- BUG #36870 : FIXED
 - ◆ Fixed by removing the spec file
- BUG #36876 : Hopefully fixed

- ◆ bug posted by the developer

- BUG #36902 : FIXED

- ◆ Check if in the WMS there is this file: `=/etc/cron.d/glite-wms-create-host-proxy.cron=`

```
HOME=/
MAILTO=SA3-italia
```

```
0 */6 * * * glite . /opt/glite/etc/profile.d/grid-env.sh ; /opt/glite/sbin/glite-wms
```

- BUG #36907 : Hopefully fixed

- ◆ Not easy to reproduce

- BUG #36913 : FIXED

- BUG #36962 : FIXED

- BUG #37659 : Hopefully FIXED

- BUG #37674 : Hopefully FIXED

- ◆ Not easy to reproduce

- BUG #37756 : NOT COMPLETELY FIXED

- ◆ Tested using a short proxy to submit a longer job and ICE does not resubmit it, but afterwards the status is not updated to Done by ICE, due to another bug #39807

- BUG #37862 : FIXED

- ◆ Do this check:

```
[root@wms008 init.d]# grep GLITE_LOCATION glite-wms-ice
GLITE_LOCATION=${GLITE_LOCATION:-/opt/glite}
```

- BUG #37916 : Hopefully fixed

- ◆ bug posted by the developer

- BUG #38359 : FIXED

- ◆ Set the parameter `MaxOutputSandboxSize` in the `WorkloadManager` section of the configuration file `/opt/glite/etc/glite_wms.conf` on the WMS to 100 and restart the workload manager.
- ◆ Submit this jdl:

```
[
Type = "Job";
Executable = "38359_exe.sh";
Arguments = "50";
StdOutput = "test.out";
StdError = "test.err";
InputSandbox = {"38359_exe.sh"};
OutputSandbox = {"test.err", "test.out", "out3", "out1", "out4", "out2"};
usertags = [ bug = "38359" ];
]
```

where `38359_exe.sh` is:

```
#!/bin/sh
MAX=$1
i=0
while [ $i -lt $MAX ]; do
```

WmsTests3dot1dot100 < EgeeJra1It < TWiki

```
echo -n "1" >> out1
        echo -n "2" >> out2
        echo -n "3" >> out3
        echo -n "4" >> out4
    i=$((i + 1))
done
i=200
while [ $i -lt 100 ]; do
    echo -n "1" >> out1
    echo -n "2" >> out2
    echo -n "3" >> out3
    echo -n "4" >> out4
    i=$((i + 1))
done
```

- ◆ When Done retrieve the output files, this should be the result of an `ls -l` of the output dir:

```
-rw-rw-r-- 1 ale ale 50 Jul  8 12:06 out1
-rw-rw-r-- 1 ale ale  0 Jul  8 12:06 out2.tail
-rw-rw-r-- 1 ale ale 50 Jul  8 12:06 out3
-rw-rw-r-- 1 ale ale  0 Jul  8 12:06 out4.tail
-rw-rw-r-- 1 ale ale  0 Jul  8 12:06 test.err
-rw-rw-r-- 1 ale ale  0 Jul  8 12:06 test.out
```

- **BUG #38366 : FIXED**

- ◆ Log on the WMS. Stop the workload manager. Put in the directory

`$GLITE_WMS_LOCATION_VAR/workload_manager/jobdir/new/` this list-match request:

```
[root@devel119 glite]# cat /var/glite/workload_manager/jobdir/tmp/20080625T133135.900
[ arguments = [ ad = [ requirements = ( other.GlueCEStateStatus == "Production" || other.RegExp(".*sdj$", other.GlueCEUniqueID); RetryCount = 3; Arguments = "/tmp"; MyProxyS
"normal"; InputSandboxDestFileName = { "pippo", "pluto" }; SignificantAttributes = {
Executable = "/bin/ls"; CertificateSubject = "/C=IT/O=INFN/OU=Personal Certificate/L=
/tmp/user.proxy.6056.20080625153135905"; Stdoutput = "ls.out"; VOMS_FQAN = "/dteam/
VirtualOrganisation = "dteam"; usertags = [ exe = "ls" ]; rank = -other.GlueCEStateEs
InputSandbox = { "protocol://address/input/pippo", "protocol://address/input/pluto" };
"/tmp/6056.20080625153135905"; number_of_results = -1 ]; command = "match"; version
```

- ◆ Start the workload manager and look if it works.

- **BUG #38509 : FIXED**

- **BUG #38739 : FIXED**

- ◆ Consider this `/opt/glite/etc/glite_wms_wmproxy.gacl` file:

```
<?xml version="1.0"?>
<gacl version="0.0.1">
<entry>
<any-user>
</any-user>
<deny><exec/></deny>
</entry>
<entry>
<voms>
<fqan>dteam</fqan>
</voms>
<deny><exec/></deny>
</entry>
<entry>
<person>
<dn>/C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Massimo Sgaravatto</dn>
</person>
<allow><exec/></allow>
</entry>
</gacl>
```

replacing "/C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Massimo Sgaravatto"
with your user DN

- ◆ Try to issue some commands (e.g. glite-wms-job-list-match, glite-wms-job-submit, glite-wms-job-delegate-proxy, etc...) towards that WMS with your dteam VO proxy. They should succeed

- BUG #38816 : FIXED

- ◆ Premises:

- ◇ Current memory usage by CREAM is logged in ice log file
(\$GLITE_WMS_LOCATION_VAR/log/ice.log) is rows such as this one:

```
2008-07-28 16:13:23,068 DEBUG - glite-wms-ice::main() - Used RSS Memory: 9780
```

- ◇ Memory threshold is defined in the ICE section of the WMS conf file by the attribute
max_ice_mem

- ◇ When 'current memory' > 'Memory threshold' the suicidal patch is triggered

- ◆ Try to trigger several times the suicidal patch, editing the WMS conf file and setting a low enough value for max_ice_mem
- ◆ Restart ice: /opt/glite/etc/init.d/glite-wms-ice restart
- ◆ When the suicidal patch is triggered, verify that ICE is properly shut down. You will see something like that in the log file:

```
2008-07-28 16:45:27,591 FATAL - glite-wms-ice::main() - glite-wms-ice::main -  
Max memory reached [10532 kB] ! EXIT!
```

- ◆ Then verify that after a while (5 min) ICE restarts

- BUG #38828 : FIXED

- ◆ Proceede as in the previous bug: #38816

- BUG #39215 : FIXED

- ◆ You need to check the code of \$GLITE_WMS_LOCATION/sbin/glite-wms-purgeStorage.sh as specified in the bug

- BUG #39217 : FIXED

- BUG #39501 : FIXED

- ◆ Submit a job thorough ICE (use this requirements: Requirements =
RegExp("cream", other.GlueCEUniqueID);
- ◆ Remove the job directory from the WMS
- ◆ Check in the log if ICE figure out that the proxy is disappeared.

- BUG #40967 : FIXED

-- AlessioGianelle - 27 Jun 2008

This topic: EgeeJra1It > WmsTests3dot1dot100

Topic revision: r61 - 2011-02-24 - AlessioGianelle



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