

Problems and solutions

1. /opt/glite/yaim/functions/config_glite_lb: line 99: /opt/glite/etc/glite-lb-dbsetup.sql: line 1: ERROR 1146 (42S02) at line 1: Table 'lbserver20.short_fields' doesn't exist
 ERROR 1146 (42S02) at line 1: Table 'lbserver20.long_fields' doesn't exist
 ERROR 1146 (42S02) at line 1: Table 'lbserver20.states' doesn't exist
 ERROR 1146 (42S02) at line 1: Table 'lbserver20.events' doesn't exist
 /opt/glite/yaim/functions/config_glite_lb: line 190: /opt/glite/etc/init.d/glite-lb-bkserverd: line 1: ERROR 1146 (42S02) at line 1: Table 'lbserver20.short_fields' doesn't exist
 /opt/glite/yaim/functions/config_glite_lb: line 200: /opt/glite/etc/init.d/glite-lb-bkserverd: line 1: ERROR 1146 (42S02) at line 1: Table 'lbserver20.short_fields' doesn't exist
 ABORT: Service glite-lb-bkserverd failed to start!
 ERROR: Error during the execution of function: config_glite_lb
 ERROR: Error during the configuration.Exiting. [FAILED]
 ERROR: One of the functions returned with error without specifying it's nature !

We need to install LB FIXED

2. DEBUG: Skipping function: config_glite_lb_setenv because it is not defined
 DEBUG: Skipping function: config_glite_lb because it is not defined
 ERROR: Error during the configuration.Exiting. [FAILED]

install glite-yaim-lb FIXED

3. ERROR: Unable to execute /etc/init.d/globus-gridftp.
 ERROR: Error during the execution of function: config_globus_gridftp

install glite-initscript-globus-gridftp-1.0.2-1.noarch.rpm FIXED

4. Syntax error on line 242 of /opt/glite/etc/glite_wms_wmproxy_httpd.conf:
 FastCgiConfig: invalid option: -intial-env

fix the template /opt/glite/etc/glite_wms_wmproxy_httpd.conf.template FIXED

5. start/stop script di ice doesn't work

fix committed in CVS FIXED

6. glite-yaim-wms ame:-ame:

The version of the yaim-wms is written directly into the Makefile during the CVS checkout (see keyword substitution). Since HEAD is used for the development of this component the keyword substitution is not correct. When a tag is available the version will be correctly define FIXED

7. Starting program: /opt/glite/bin/glite_wms_wmproxy_server
 (no debugging symbols found)
 [Thread debugging using libthread_db enabled]
 [New Thread 0x2b227bb94260 (LWP 25595)]

Program received signal SIGSEGV, Segmentation fault.

0x000000000004e94a8 in __static_initialization_and_destruction_0 ()

(gdb) bt

#0 0x000000000004e94a8 in __static_initialization_and_destruction_0 ()

#1 0x00000000000565c26 in __do_global_ctors_aux ()

#2 0x0000000000045665b in _init ()

#3 0x00002b2274847010 in __CTOR_LIST__ () from /opt/glite/lib64/libglite_lb_clientpp_gcc6

#4 0x00000000000565ba7 in __libc_csu_init ()

#5 0x0000003835e1d92e in __libc_start_main () from /lib64/libc.so.6

#6 0x00000000000457fc9 in _start ()

(gdb)

FIXED

8. Warning - Unable to register the job to the service: https://cream-44.pd.infn.it:7443/gli
 Unable to create job local directory
 (please contact server administrator)

```
[root@cream-03 ~]# ls -l /opt/glite/bin/glite_wms_wmproxy_dirmanager
```

```
-r-sr-xr-x 1 nobody nobody 46363 Jul  8 11:00 /opt/glite/bin/glite_wms_wmproxy_dirmanager
```

FIXED . Implemented postun in ETICS.

9. **Bug: #72573**

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```
[root@cream-03 ~]# service gLite status
[...]
*** glite-lb-locallogger:
glite-lb-logd not running
[...]
```

FIXED Using new LB tag (patch 4423)

10. lbproxy not started

GLITE_LB_TYPE=proxy is the default behaviour **FIXED**

11. [Fri Jul 09 18:05:21 2010] [error] Certificate Verification: Error (24): invalid CA certifi
[Fri Jul 09 18:05:21 2010] [error] Certificate Verification: Error (26): unsupported certifi

Trying a simple list-match. Is it a warning?

12. In /opt/glite/etc/lcmaps/lcmaps.db substitute path = \${moddir} with path = /opt/glite/lib64/modules
FIXED

13. Remove SDJRequirements and WmsRequirements from section WorkloadManagerProxy of
/opt/glite/etc/glite_wms.conf

FIXED

14. Put on section WorkloadManager of /opt/glite/etc/glite_wms.conf:

```
WmsRequirements = ( (ShortDeadlineJob =?= TRUE) ? RegExp(".*sdj$", other.GlueCEUniqueID)
(other.GlueCEPolicyMaxTotalJobs == 0 || other.GlueCEStateTotalJobs < other.GlueCEPolicyMax
```

FIXED

15. Correct /opt/glite/etc/glite_wms_wmproxy.gacl: insert a / before the "vo" and the rule
/"vo"/Role=NULL/Capability=NULL

FIXED

16. Cleared event is not logged:

```
27 Jul, 17:41:22 -E- PID: 25792 - "wmputils::doPurge": [Error] remove_path(purger.cpp:256)
LB server (bkserver,lbproxy) store protocol error;; Logging library ERROR:
LB server (bkserver,lbproxy) store protocol error;; edg_wll_DoLogEvent(): edg_wll_log_conn
Transport endpoint is not connected;; edg_wll_gss_connect();; System Error: Connection ref
27 Jul, 17:41:22 -S- PID: 25792 - "wmpcoreoperations::jobpurge": Unable to complete job pu
27 Jul, 17:41:22 -D- PID: 25792 - "wmpgsoapoperations::ns1__jobPurge": -----
27 Jul, 17:41:22 -D- PID: 25792 - "wmpgsoapoperations::ns1__jobPurge": Method: jobPurge
27 Jul, 17:41:22 -D- PID: 25792 - "wmpgsoapoperations::ns1__jobPurge": Code: 1202
27 Jul, 17:41:22 -D- PID: 25792 - "wmpgsoapoperations::ns1__jobPurge": Description: The Op
27 Jul, 17:41:22 -D- PID: 25792 - "wmpgsoapoperations::ns1__jobPurge": Stack:
27 Jul, 17:41:22 -D- PID: 25792 - "wmpgsoapoperations::ns1__jobPurge": JobOperationExcepti
    at jobpurge() [wmpcoreoperations.cpp:2640]
27 Jul, 17:41:22 -D- PID: 25792 - "wmpgsoapoperations::ns1__jobPurge":      at jobpurge() [wmp
27 Jul, 17:41:22 -D- PID: 25792 - "wmpgsoapoperations::ns1__jobPurge":      at jobPurge() [wmp
27 Jul, 17:41:22 -D- PID: 25792 - "wmpgsoapoperations::ns1__jobPurge": -----
27 Jul, 17:41:22 -D- PID: 25792 - "wmpgsoapoperations::ns1__jobPurge": jobPurge operation
```

FIXED for normal jobs

17. Submission to LCG CE doesn't work: **Got a job held event, reason: Failed to initialize GAHP**
Possibles solutions are

- ◆ install condor-lcg-1.1.0-1
- ◆ set GT2_GAHP = /opt/condor-7.4.1/sbin/gahp_server and GRID_MONITOR =
/opt/condor-7.4.1/libexec/glite/grid_monitor.sh on
/opt/condor-c/local.<\${HOSTNAME}>/condor_config.local

Waiting for Marteen investigation.... FIXED Decided to use the second option. Changes
done in yaim-wms.

18. **BUG #73192** Submission failed:

```
[ale@egee-rb-03 UI]$ glite-wms-job-submit -a --config ~/UI/etc/wmp_cream-03.conf jdl/env.j
Connecting to the service https://cream-03.pd.infn.it:7443/glite_wms_wmproxy_server
```

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```
Warning - Unable to register the job to the service: https://cream-03.pd.infn.it:7443/glite
LB: :2652
Set logging job failed
edg_wll_SetLoggingJob
LB[Proxy] Error: GSSAPI Error
(failed to load GSI credentials: GSS Major Status: General failure
(GSS Minor Status Error Chain:
globus_gsi_gssapi: Error with GSI credential
globus_gsi_gssapi: Error with gss credential handle
globus_credential: Valid credentials could not be found in any of the possible locations sp
Valid credentials could not be found in any of the possible locations specified by the cre
```

Possibles (ugly) workarounds to solve this problem are:

- ◆ `chown root.glite /etc/grid-security/host*.pem`
- ◆ `cp /etc/grid-security/hostcert.pem /home/glite/.globus/usercert.pem` and `cp /etc/grid-security/hostkey.pem /home/glite/.globus/userkey.pem`
FIXED using new LB client (patch 4423)

19. WM required huge amount of memory:

```
PID USER      PR  NI  VIRT  RES  SHR  S  %CPU  %MEM    TIME+  COMMAND
15007 glite      25   0 2657m 2.8g 8320 S   0.0  77.0   2:34.79 glite-wms-workl
```

Monitoring.. Google malloc is used by default and correctly set by yaim

20. *** glite-lb-bkserverd:
Starting glite-lb-bkserver ...Warning: MySQL library version mismatch (compiled '50045', r
done

Salvet said: Installed MySQL library is slightly newer than library used for glite-lb-bkserver build.

This is normal. **No Problem**

21. **Bug #73206** Collection doesn't work. The only suspicious messages are in /var/log/messages:

```
Sep 10 15:50:48 cream-44 glite_wms_wmproxy_server[6179]: ts=2010-09-10T13:50:48Z : event=
Sep 10 15:50:48 cream-44 glite_wms_wmproxy_server[6179]: ts=2010-09-10T13:50:48Z : event=w
Sep 10 15:50:50 cream-44 glite_wms_wmproxy_server[6179]: ts=2010-09-10T13:50:50Z : event=w
Sep 10 15:50:50 cream-44 kernel: glite_wms_wmpro[6179] general protection rip:3e86c797e0 r
```

FIXED

22. **Bug #72970** I'm running on the WMS an lserver in "both" mode:

```
9197 ?          S          0:00 /opt/glite/bin/glite-lb-bkserverd --notif-il-sock=/tmp/glite-lb-
```

Then I started locallogger:

```
[root@devel08 glite]# /opt/glite/etc/init.d/glite-lb-locallogger start
Starting glite-lb-logd ...This is LocalLogger, part of Workload Management System in EU Da
done
Starting glite-lb-interlogd ... done
```

but:

```
[root@devel08 glite]# /opt/glite/etc/init.d/glite-lb-locallogger status
glite-lb-logd not running
```

instead:

```
[root@devel08 ~]# ps ax | grep lb-log
10049 ?          Ss          0:00 /opt/glite/bin/glite-lb-logd -i /var/glite/glite-lb-logd.pid -c
12135 pts/0      S+          0:00 grep lb-log
```

FIXED Using new LB tag (path 4423)

23. Problem during installation:

```
Error: Missing Dependency: org.glite.build.common-cpp >= 3.2.1 is needed by package glite-
Error: Missing Dependency: mod_fastcgi >= 2.4.3 is needed by package glite-wms-wmproxy-3.3
Error: Missing Dependency: mod_fastcgi >= 2.4.3 is needed by package glite-WMS-3.3.0-0.s15
```

two packages missing... **FIXED**

24. Resubmission for jobs submitted with -r option is not done. Jobs are aborted with "hit job shallow retry count (0)" even if ShallowRetryCount was set in the JDL **FIXED** .

25. Problems with DAG. DAG job reported as failed:

```
Current Status:      Done (Exit Code !=0)
Exit code:           1
Status Reason:       Warning: job exit code != 0
Destination:         dagman
```

and nodes stuck in "Submitted". **FIXED** .

26. BUG #75223 **FIXED** When a job failed logged reason is wrong

```
Event: Done
- Arrived              = Thu Nov 11 14:06:54 2010 CET
- Exit code            = 1
- Host                 = cream-46.pd.infn.it
- Reason               = LM_log_done_beginThu Nov 11 14:03:17 CET 2010: prologue
- Source               = LogMonitor
- Src instance         = unique
- Status code          = FAILED
- Timestamp            = Thu Nov 11 14:06:54 2010 CET
```

Another type of error:

```
Event: Done
- Arrived              = Fri Nov 26 12:15:30 2010 CET
- Exit code            = 0
- Host                 = pamelawn23.na.infn.it
- Reason               = Fri Nov 26 12:13:45 CET 2010: Cannot
- Source               = LRMS
- Status code          = OK
- Timestamp            = Fri Nov 26 12:13:46 2010 CET
- User                 = /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Alessio
```

27. Problem installing new build (07/11/1010) **FIXED** .

```
--> Missing Dependency: mod_fastcgi >= 2.4.3 is needed by package glite-wms-wmproxy-3.3.
```

28. Problem starting bdii:

```
Starting BDII slapd: Traceback (most recent call last):
  File "/usr/sbin/bdii-update", line 821, in ?
    create_daemon(config['BDII_LOG_FILE'])
  File "/usr/sbin/bdii-update", line 168, in create_daemon
    e = os.open(log_file, os.O_WRONLY | os.O_APPEND | os.O_CREAT, 0644)
OSError: [Errno 13] Permission denied: '/var/log/bdii/bdii-update.log'
      [ OK ]
BDII update process failed to startStarting BDII update pro[FAILED]
```

Be sure that the installed version comes from etics repo: bdii-5.0.9-1

29. BUG #75099 **FIXED** .

```
2010-11-09 13:01:07,649 DEBUG - iceCommandEventQuery::execute() - TID=[203357600] Databas
2010-11-09 13:01:07,650 DEBUG - iceCommandEventQuery::execute() - TID=[203357600] Exec ti
2010-11-09 13:01:07,651 INFO - scoped_timer iceCommandEventQuery::processEvents() - TID=[2
terminate called after throwing an instance of 'std::out_of_range'
```

```
what(): basic_string::at
Aborted
```

It happen when shallow resubmission is set to -1.

30. Submission failed **Probably FIXED** using a new LB server (2.1)

```
Warning - Unable to register the job to the service: https://cream-46.pd.infn.it:7443/glite
HTTP Error
<html><head>
<title>500 Internal Server Error</title>
</head><body>
<h1>Internal Server Error</h1>
<p>The server encountered an internal error or
misconfiguration and was unable to complete
your request.</p>
<p>Please contact the server administrator,
[no address given] and inform them of the time the error occurred,
and anything you might have done that may have
caused the error.</p>
<p>More information about this error may be available
in the server error log.</p>
</body></html>
```

Error code: SOAP-ENV:Server

Looking into the `/var/log/messages` file of the WMS you should read:

```
Nov 10 17:10:44 cream-46 kernel: glite_wms_wmpro[15571]: segfault at 0000000000000000 rip
```

Instead the `wmproxy` log says:

```
10 Nov, 17:10:35 -S- PID: 15571 - "WMPEventlogger::registerJob": Register job failed
edg_wll_RegisterJobProxy
Exit code: 22
LB[Proxy] Error: Invalid argument
(edg_wll_RegisterJobMaster(): unable to register job
Resource temporarily unavailable;; Logging library ERROR:
Resource temporarily unavailable;; edg_wll_DoLogEventServer(): edg_wll_log_direct_read error
LB server (bkserver,lbproxy) store protocol error;; edg_wll_log_proto_client_direct(): error
LB server (bkserver,lbproxy) store protocol error;; get_reply_gss(): error reading reply
LB server (bkserver,lbproxy) store protocol error;; gss_reader(): error reading message
Transport endpoint is not connected;; edg_wll_gss_read_full;; GSS Error: EOF occurred;)
```

The `httpd-wmproxy-errors.log` says:

```
[Wed Nov 10 17:10:44 2010] [error] [client 193.206.210.108] FastCGI: incomplete headers (0
```

31. Cleared event not logged **FIXED** .

```
[ale@cream-03 ~]$ glite-wms-job-output https://devel07.cnaf.infn.it:9000/IvaPn8c4ezVSiHbQP
Connecting to the service https://cream-46.pd.infn.it:7443/glite_wms_wmproxy_server
Warning - JobPurging not allowed
(The Operation is not allowed: Unable to complete job purge)
```

You need to set the WMS DN in both ACTION "READ_ALL" and "LOG_WMS_EVENTS" of `glite-lb-authz.conf` file of the LB Server

32. Cleared event not logged **FIXED** (2011/01/19).

```
[ale@cream-03 ~]$ glite-wms-job-output https://devel07.cnaf.infn.it:9000/Hn0VS-oMpYlT7bdAI
Connecting to the service https://cream-46.pd.infn.it:7443/glite_wms_wmproxy_server
```

Warning - JobPurging not allowed
(Proxy exception: The delegated Proxy has expired)

This happen when the job proxy has expired.

33. Bug #75368 **FIXED** A "DONE OK" job is marked as "ABORTED". The problem is that a failed job should not been aborted (resubmission is possibile only for Done Failed jobs). Another case:

```
Event: Abort
- Arrived                = Wed Nov 17 13:31:54 2010 CET
- Host                   = cream-46.pd.infn.it
- Reason                 = BLAH error: submission command failed (exit code = 1) (s
- Source                 = LogMonitor
- Timestamp              = Wed Nov 17 13:31:53 2010 CET
- User                   = /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Alessio
---
Event: Resubmission
- Arrived                = Wed Nov 17 13:31:54 2010 CET
- Host                   = cream-46.pd.infn.it
- Reason                 = Job resubmitted by ICE
- Result                 = WILLRESUB
- Source                 = LogMonitor
- Tag                    = unavailable
- Timestamp              = Wed Nov 17 13:31:54 2010 CET
- User                   = /C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Alessio
```

34. St9exception **FIXED** (2011/02/01). After the "get-output" of a dag, the nodes are in "DONE-OK" state. If you try a get-output at this point for a node you have (see also 53.):

```
[ale@cream-03 ~]$ glite-wms-job-output https://devel17.cnaf.infn.it:9000/-ZpRldEJcENxhNiW
Connecting to the service https://cream-46.pd.infn.it:7443/glite_wms_wmproxy_server
Error - getOutputFileList Error
(St9exception)
```

Instead the right message should be found in the wmproxy log file:

```
19 Jan, 12:55:46 -D- PID: 22916 - "wmpgsoapoperations::ns1__getOutputFileList": JobId Excep
19 Jan, 12:55:46 -D- PID: 22916 - "wmpgsoapoperations::ns1__getOutputFileList": -----
19 Jan, 12:55:46 -D- PID: 22916 - "wmpgsoapoperations::ns1__getOutputFileList": Method: ge
19 Jan, 12:55:46 -D- PID: 22916 - "wmpgsoapoperations::ns1__getOutputFileList": Code: 1202
19 Jan, 12:55:46 -D- PID: 22916 - "wmpgsoapoperations::ns1__getOutputFileList": Descriptio
19 Jan, 12:55:46 -D- PID: 22916 - "wmpgsoapoperations::ns1__getOutputFileList": Stack:
19 Jan, 12:55:46 -D- PID: 22916 - "wmpgsoapoperations::ns1__getOutputFileList": -----
19 Jan, 12:55:46 -D- PID: 22916 - "wmpgsoapoperations::ns1__getOutputFileList": getOutputF
```

35. The state of the nodes doesn't change after the output retrieval of the parent of a collection. Bug #77876 **FIXED** (2011/02/14)
36. Dag job doesn't work **FIXED** . Probably the name of the token is wrongly set.
37. Bug #73715 **FIXED** the Really Running event is not logged from JC/LM (instead it works for ICE).
38. The "type" attribute is *case sensitive* **FIXED** installing the new jdl's rpm on the UI

```
Error - AdSyntaxException
The following parsing error(s) have been found:
'node_type' must be "dag"
```

39. Bug #75402 **FIXED** To verify with the new tag Synchronization loss between real validity of proxy and exp. time saved in ICE's database; this can happen when the copy of the new proxy fails

```
2010-11-15 10:57:41,869 INFO - DNPProxyManager::setUserProxyIfLonger_Legacy() - Setting use
2010-11-15 10:57:42,019 ERROR - DNPProxyManager::setUserProxyIfLonger_Legacy() - Error copy
2010-11-15 10:57:42,019 DEBUG - DNPProxyManager::setUserProxyIfLonger_Legacy() - New proxy
```

40. Problem with job's proxy expired in ice **FIXED** To verify with the new tag . When proxy expired the jobs in ice queue are not correctly removed

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2010-11-17 10:08:37,269 DEBUG - iceCommandLBLogging::execute - TID=[] Will not LOG anything

41. Ice log Cancel events with wrong sequence code **FIXED** (2011-01-19)

42. Ice Aborted **TO Monitoring** It happen that ICE aborted with these messages (see also 49.):

```
t1169246528:p13952: Fatal error: [Thread System] GLOBUSTHREAD: pthread_mutex_destroy() fai
```

```
[Thread System] mutex is locked (EBUSY)t1295124800:p13952: Fatal error: [Thread System] GL
```

or

```
t1313102144:p12551: Fatal error: [Thread System] GLOBUSTHREAD: globus_thread_setspecific()
```

```
[Thread System] invalid value passed to thread interface (EINVAL)Aborted (core dumped)
```

43. glite-wms-ice-db-rm, various errors **FIXED** (2011/01/19)

```
[root@cream-46 persist_dir]# /opt/glite/bin/glite-wms-ice-db-rm -h
/opt/glite/bin/glite-wms-ice-db-rm: invalid option -- h
Type /opt/glite/bin/glite-wms-ice-db-rm -h for help
```

```
[root@cream-46 persist_dir]# /opt/glite/bin/glite-wms-ice-db-rm
Must specify at least one of the options --from-file <pathfile> or <gridjobid>
```

```
[root@cream-46 persist_dir]# /opt/glite/bin/glite-wms-ice-db-rm --from-file a
/opt/glite/bin/glite-wms-ice-db-rm: unrecognized option '--from-file'
```

44. feedback doesn't work **FIXED** The "old" token is not removed!

```
[root@devel09 ~]# ls -l /var/glite/SandboxDir/B4/https_3a_2f_2fdevel17.cnaf.infn.it_3a900
total 20
drwxrwx--- 2 dteam035 glite 4096 Nov 30 10:17 input
-rw-r--r-- 1 dteam035 dteam 133 Nov 30 10:41 Maradona.output
drwxrwx--- 2 dteam035 glite 4096 Nov 30 10:17 output
drwxrwx--- 2 dteam035 glite 4096 Nov 30 10:17 peek
-rw-r--r-- 1 glite glite 0 Nov 30 10:19 token.txt_0_
-rw-r--r-- 1 glite glite 0 Nov 30 10:17 token.txt_1
```

45. Misleading messages in Maradona file: **FIXED** (2011/02/02)

```
LM_log_done_beginThu Dec 2 12:08:53 CET 2010: 0
LM_log_done_end
jw exit status = 1
```

Then the job fails with this message:

```
- Standard output does not contain useful data.Cannot read JobWrapper output, both
Thu Dec 2 12:08:53 CET 2010: 0LM_log_done_beginThu Dec 2 12:08:53 CET 2010: 0LM_log_done
```

46. Feedback doesn't work with LCG-CE, so these CEs must be excluded in the MM **FIXED** (2011/02/10) Proposed fix is that yaim set:

```
WmsRequirements = ((ShortDeadlineJob == TRUE) ? RegExp(".*sdj$", other.GlueCEUniqueID) :
```

47. WM defines a rescheduled request as a "Submission" **FIXED** (2011/01/25)

48. **Bug: #76097** During the first mm of a node the "UserTag CEInfoHostName" is not logged **FIXED**

49. Both WM and ICE give on high load: t1168148800:p30771: Fatal error: [Thread System]

```
GLOBUSTHREAD: pthread_mutex_lock() failed. Supposedly fixed by the 'newest' GPT in glite 32.
```

Pay attention. (see also 42.)

50. repo 110114 Yaim fails **FIXED** (2011/01/31):

```
cp: cannot stat `/opt/glite/sbin/glite_wms_wmproxy_load_monitor.template': No such file or
chmod: cannot access `/opt/glite/sbin/glite_wms_wmproxy_load_monitor': No such file or dir
```

51. repo 110114 Submission failed **FIXED** Problem was with fast-cgi in gsoap (2011/01/27) :

```
Status: 500 Internal Server Error
Server: gSOAP/2.7
```

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Content-Type: text/xml; charset=utf-8
Content-Length: 831
Connection: close

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
```

52. repo 110114 Cannot take shallow resubmission token **FIXED** (2011/01/31). Infact in the sandbox dir of the job the token is named: **token.txt_0**. (note the dot)

53. repo 110114 Misleading output message from UI **FIXED** (2011/02/01) When a user try to retrieve the output files of a job of another user the message is (see also 34.):

```
[ale@cream-03 UI]$ glite-wms-job-output https://devel17.cnaf.infn.it:9000/cxyj4EodCZx7qY2v
```

```
Connecting to the service https://cream-46.pd.infn.it:7443/glite_wms_wmproxy_server
```

```
Error - getOutputFileList Error  
(St9exception)
```

Instead in the wmproxy log file you should find the right reason:

```
19 Jan, 12:16:55 -D- PID: 17941 - "wmpgsoapoperations::ns1__getOutputFileList": JobId Excep  
19 Jan, 12:16:55 -D- PID: 17941 - "wmpgsoapoperations::ns1__getOutputFileList": -----  
19 Jan, 12:16:55 -D- PID: 17941 - "wmpgsoapoperations::ns1__getOutputFileList": Method: ge  
19 Jan, 12:16:55 -D- PID: 17941 - "wmpgsoapoperations::ns1__getOutputFileList": Code: 1202  
19 Jan, 12:16:55 -D- PID: 17941 - "wmpgsoapoperations::ns1__getOutputFileList": Descriptio  
19 Jan, 12:16:55 -D- PID: 17941 - "wmpgsoapoperations::ns1__getOutputFileList": Stack:  
19 Jan, 12:16:55 -D- PID: 17941 - "wmpgsoapoperations::ns1__getOutputFileList": -----  
19 Jan, 12:16:55 -D- PID: 17941 - "wmpgsoapoperations::ns1__getOutputFileList": getOutputF
```

54. repo 110114 deep resubmission doesn't work **FIXED** (2011/02/07) In fact when the old token is grabbed, wm doesn't create the new one

```
31 Jan, 16:37:21 -I: [Info] operator() (dispatcher_utils.cpp:228): new jobresubmit for http  
31 Jan, 16:37:21 -E: [Error] operator() (submit_request.cpp:536): cannot rename temporary t  
31 Jan, 16:37:21 -I: [Info] postpone (submit_request.cpp:227): postponing https://cream-44.
```

55. repo 110114 Bug: #77366 : Sometimes submission failed for LB error **Hopefully FIXED** (2011/02/10) :

```
Warning - Unable to register the job to the service: https://cream-46.pd.infn.it:7443/glite  
Register COLLECTIONfailed to LB server:devel17.cnaf.infn.it:9000
```

```
edg_wll_RegisterJobProxy/Sync
```

```
Exit code: 22
```

```
LB[Proxy] Error: Invalid argument
```

```
(edg_wll_RegisterJobMaster(): unable to register job
```

```
Resource temporarily unavailable;; Logging library ERROR:
```

```
Resource temporarily unavailable;; edg_wll_DoLogEventServer(): edg_wll_log_direct_read err
```

```
LB server (bkserver,lbproxy) store protocol error;; edg_wll_log_proto_client_direct(): err
```

```
LB server (bkserver,lbproxy) store protocol error;; get_reply_gss(): error reading reply
```

```
LB server (bkserver,lbproxy) store protocol error;; gss_reader(): error reading message
```

```
Transport endpoint is not connected;; edg_wll_gss_read_full;; GSS Error: EOF occured;)
```

```
Method: jobRegister
```

```
Error - Operation failed
```

```
Unable to find any endpoint where to perform service request
```

56. repo 110114 Bug #77055 **FIXED** (2011/01/31) "MyProxyServer: wrong type caught for attribute" for parametric jobs

57. repo 110114 Feedback doesn't work **FIXED** (2011/02/07)

```
20 Jan, 13:28:13 -I: [Info] operator() (replanner.cpp:226): created replanning request for
```

```
20 Jan, 13:28:14 -I: [Info] operator() (dispatcher_utils.cpp:310): cannot create LB context
```


58. repo 110114 Before resubmission ICE must be sure that the job's proxy should be valid for at least "n" minutes. **Hopefully FIXED** (2011/02/10)
59. WMS repo 110131 & LB patch #4623 Yaim error: *sed: can't read /opt/glite/etc/gip/glite-info-generic.conf: No such file or directory* **FIXED** (2011/02/07) Probably this package: **glite-info-generic** is missing. After configuration we have:

```
[root@cream-44 ~]# ls -l /opt/glite/etc/gip/glite-info-generic.conf
-rw-r--r-- 1 root root 0 Jan 31 15:45 /opt/glite/etc/gip/glite-info-generic.conf
```

60. repo 110204 **FIXED** (2011/02/14) Cron Purger doesn't work:

```
[root@cream-46 ~]# /opt/glite/sbin/glite-wms-purgeStorage --help
glite-wms-purgeStorage: glite-wms-purgeStorage.cpp:87: bool<unnamed>::lb_proxy(): Assertion
Aborted
```

61. repo 110204 **NOT FIXED** (2011/02/11) All the queries done for replanning have timeout (open bug #78047)

```
10 Feb, 10:35:20 -D: [Debug] get_scheduled_jobs(lb_utils.cpp:153): error (110) while query
10 Feb, 10:35:20 -D: [Debug] operator()(replanner.cpp:382): no jobs in scheduled state for
```

62. repo 110204 **NOT FIXED** (2011/02/11) If a collection is aborted for "request expired" the nodes don't change status. The problem is due to LB query: (probably it is tied to point 61.)

```
10 Feb, 07:01:48 -E: [Error] unrecoverable_collection(submit_request.cpp:108): https://cre
10 Feb, 07:01:48 -E: [Error] unrecoverable(submit_request.cpp:126): https://cream-46.pd.in
```

63. repo 110204 **NOT FIXED** (2011/02/11) Submitting a collection with 192 nodes you obtaing this error (see bug #70061):

```
Status info for the Job : https://cream-44.pd.infn.it:9000/Tck2cFcOKuOjM4gfH9Ermg
Current Status:      Waiting
Status Reason:      jobid: unable to complete the operation: the attribute has not been in
Submitted:          Fri Feb 11 17:06:23 2011 CET
```

64. repo 110214 **NOT FIXED** (2011/02/14) glite-WMS metapackage is wrong (too much dependencies and forget google-perftools)

65. repo 110214 **NOT FIXED** (2011/02/14) . There is a mistake in /opt/glite/yaim/functions/config_info_service_wms (forget a "\" at line 86), yaim reports this message:

```
sed: -e expression #3, char 84: unknown option to `s'
```

66. repo 110214 **NOT FIXED** (2011/02/14) When you cancel a collection some nodes (the ones which where in state Running or DONE OK) are put in state "Cleared".

67. repo 110214 **NOT FIXED** (2011/02/14) Wm dies with these messages:

```
14 Feb, 16:05:46 -E: [Error] unrecoverable(submit_request.cpp:126): https://devel09.cnaf.i
14 Feb, 16:05:46 -I: [Info] checkRequirement(matchmakerISMImpl.cpp:107): MM for job: https
14 Feb, 16:05:46 -E: [Error] handle_synch_signal(signal_handling.cpp:77): Got a synchronou
/opt/glite/bin/glite-wms-workload_manager
/lib64/libpthread.so.0
classad::EvalState::SetRootScope()
classad::ClassAd::EvaluateAttr(std::string const&, classad::Value&) const
glite::wmsutils::classads::evaluate_attribute(classad::ClassAd const&, std::string const&)
/opt/glite/lib64/libglite_wms_matchmaking.so.0 (_ZN5glite3wms11matchmaking17matchmakerISMIm
glite::wms::broker::RBSimpleISMImpl::findSuitableCEs(classad::ClassAd const*)
glite::wms::broker::ResourceBroker::findSuitableCEs(classad::ClassAd const*)
/opt/glite/lib64/libglite_wms_helper_broker_ism.so
glite::wms::helper::broker::Helper::resolve(classad::ClassAd const*, boost::shared_ptr<std
glite::wms::helper::Helper::resolve(classad::ClassAd const*, boost::shared_ptr<std::string
glite::wms::helper::RequestStateMachine::next_step(classad::ClassAd const*, boost::shared_
glite::wms::helper::Request::Impl::resolve()
glite::wms::manager::server::Plan(classad::ClassAd const&, boost::shared_ptr<std::string>)
glite::wms::manager::server::WMReal::submit(classad::ClassAd const&, boost::shared_ptr<ed
glite::wms::manager::server::SubmitProcessor::operator() ()
```

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```
boost::function0<void, std::allocator<void> >::operator() () const  
glite::wms::manager::server::Events::run()  
boost::function0<void, std::allocator<boost::function_base> >::operator() () const  
/usr/lib64/libboost_thread.so.2
```

-- AlessioGianelle - 2011-02-22

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