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Devel07 Work Log

2011-05-06 (Ale)

- Update kernel: 2.6.18-238.9.1.el5

2011-03-25 (Ale)

- Installed puppet
- Update Kernel
- Update LB

glite-LB	x86_64	3.2.12-8.s15
glite-info-templates	noarch	1.0.0-12
glite-lb-client	x86_64	4.1.7-2.s15
glite-lb-common	x86_64	7.1.8-2.s15
glite-lb-doc	x86_64	1.1.11-2.s15
glite-lb-harvester	x86_64	1.0.10-4.s15
glite-lb-logger	x86_64	2.1.12-2.s15
glite-lb-server	x86_64	2.1.14-2.s15
glite-lb-state-machine	x86_64	1.1.4-4.s15
glite-lb-utils	x86_64	2.0.8-3.s15
glite-lb-ws-interface	x86_64	3.1.2-6.s15
glite-lb-ws-test	x86_64	1.1.5-4.s15
glite-lb-yaim	x86_64	4.2.14-3.s15
glite-lbjp-common-db	x86_64	2.0.5-2.s15
glite-lbjp-common-jp-interface	x86_64	2.0.3-3.s15
glite-lbjp-common-maildir	x86_64	2.0.2-3.s15
glite-lbjp-common-server-bones	x86_64	2.0.3-2.s15
glite-lbjp-common-trio	x86_64	2.0.3-3.s15
glite-security-util-java	noarch	2.9.2-1.GL32
glite-security-voms-api-cpp	x86_64	1.9.19-2.s15
glite-yaim-core	noarch	4.0.14-1
glue-schema	noarch	2.0.6-1
gpt	x86_64	3.2_4.0.8p1_x86_64_rhap_5-1
gridsite-shared	x86_64	1.7.9-3.s15

2010-11-10 (Ale)

- update glite 3.2 20:

Installing:

```
glite-lb-yaim                x86_64                4.2.13-2.s15
  replacing glite-yaim-lb.noarch 4.2.1-1
```

Updating:

```
c-ares                x86_64                1.6.0-1.e15
glite-LB              x86_64                3.2.12-5.s15
glite-info-provider-service noarch                1.4.3-0
glite-jobid-api-c     x86_64                1.0.6-1.s15
glite-lb-client       x86_64                4.1.5-2.s15
glite-lb-common       x86_64                7.1.6-2.s15
glite-lb-doc          x86_64                1.1.10-2.s15
glite-lb-logger       x86_64                2.1.10-2.s15
glite-lb-server       x86_64                2.1.12-2.s15
glite-lb-state-machine x86_64                1.1.3-2.s15
glite-lb-utils        x86_64                2.0.7-2.s15
glite-lb-ws-interface x86_64                3.1.2-3.s15
glite-lb-ws-test      x86_64                1.1.4-2.s15
glite-lbjp-common-db  x86_64                2.0.4-2.s15
glite-lbjp-common-jp-interface x86_64                2.0.2-2.s15
glite-lbjp-common-maildir x86_64                2.0.1-2.s15
```

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glite-lb-jp-common-server-bones	x86_64	2.0.1-2.s15
glite-lb-jp-common-trio	x86_64	2.0.2-2.s15
glite-security-gsoap-plugin	x86_64	2.1.2-2.s15
glite-security-gss	x86_64	2.1.4-1.s15
glite-security-voms-api-cpp	x86_64	1.9.18-1.s15
glite-yaim-core	noarch	4.0.13-2
Installing for dependencies:		
alsa-lib	x86_64	1.0.17-1.e15
antlr	x86_64	2.7.6-4jpp.2
bouncycastle-glite	noarch	1.42-3.jdk5
gjdcc	x86_64	0.7.7-12.e15
glite-jobid-api-java	x86_64	1.0.3-2.s15
glite-lb-harvester	x86_64	1.0.9-2.s15
glite-security-trustmanager	noarch	2.5.5-1
glite-security-util-java	noarch	2.8.6-1.GL32
jakarta-commons-codec	x86_64	1.3-7jpp.2
jakarta-commons-lang	x86_64	2.1-5jpp.1
java-1.4.2-gcj-compat	x86_64	1.4.2.0-40jpp.115
jdk	x86_64	2000:1.6.0_22-fcs
jpackage-utils	noarch	1.7.3-1jpp.2.e15
libXtst	x86_64	1.0.1-3.1
libart_lgpl	x86_64	2.3.17-4
libgcj	x86_64	4.1.2-46.e15_4.2
log4c	x86_64	1.2.1-2.s15
log4j	x86_64	1.2.13-3jpp.2
org.glite.lb.client-java	x86_64	1.0.5-2.s15
org.glite.lb-jp-common.log	x86_64	1.0.3-2.s15

2010-06-10 (Ale)

- Installed a new LB server 2 using these repositories:

```
# ETICS Automatic Repomd (Yum) Repository
#
# Global Registered repository
# Platform: s15_x86_64_gcc412
# Project Name: org.glite

[LB-Release]
name=LB Release
baseurl=http://glitesoft.cern.ch/EGEE/gLite/R3.2/glite-LB/s15/x86_64/RPMS.release/
enabled=1

[LB-External]
name=LB External
baseurl=http://glitesoft.cern.ch/EGEE/gLite/R3.2/glite-LB/s15/x86_64/RPMS.externals/
enabled=1

[LB-Update]
name=LB Update
baseurl=http://glitesoft.cern.ch/EGEE/gLite/R3.2/glite-LB/s15/x86_64/RPMS.updates/
enabled=1

[Patch4006]
name=Patch 4006
baseurl=http://etics-repository.cern.ch/repository/pm/registered/repomd/global/org.glite/s
protect=1
enabled=1
pgpcheck=0
```

- Downgrade this rpm glite-lb-jp-common-db to version 1.0.1-4.s15
- Run `/opt/glite/yaim/bin/yaim -c -s ./site-info.def -n glite-LB`
- Add devel18.cnaf.infn.it to LB-super-users file

2010-01-21 (Elisabetta)

- Starting form a fresh re-installation of the machine with SL5

2009-08-25 (Ale)

- Cleaning databases and Sandbox directories
- Restart services

2009-04-03 (Ale)

- Update:
 - ◆ lcg-CA 1.28.1
 - ◆ lcg-vomscerts 5.4.0-1

2008-06-23 (Ale)

- Update:

glite-security-voms-api-c	i386	1.8.3-3.sl4	WMS-pps
glite-security-voms-api-cpp	i386	1.8.3-3.sl4	WMS-pps
glite-yaim-core	noarch	4.0.4-2	WMS-pps
glite-yaim-wms	noarch	4.0.1-9	WMS-pps
lcg-CA	noarch	1.22-1	CA
lcg-vomscerts	noarch	5.0.0-1	WMS-pps

2008-04-22 (Ale)

- Update:

glite-jdl-api-cpp	i386	3.1.14-1.sl4	WMS-pps
glite-lb-client	i386	3.1.5-1.sl4	WMS-pps
glite-lb-logger	i386	1.4.9-2.sl4	WMS-pps
glite-lb-proxy	i386	1.5.2-2.sl4	WMS-pps
glite-security-voms-api-cpp	i386	1.7.24-1.sl4	WMS-pps
glite-wms-common	i386	3.1.19-3.sl4	WMS-pps
glite-wms-thirdparty-bypass	i386	3.1.3-3.sl4	WMS-pps
glite-yaim-core	noarch	4.0.4-1	WMS-pps
lcg-vomscerts	noarch	4.9.0-1	WMS-pps
vdt_globus_essentials	i386	VDT1.6.1x86_rhas_4-6	WMS-pps

2008-04-02 (Ale)

- Update:

bdi	noarch	3.9.1-5	WMS1726
glite-initscript-globus-gridftp	noarch	1.0.2-1	WMS1726
glite-jdl-api-cpp	i386	3.1.12-1.sl4	WMS1726
glite-lb-client	i386	3.1.2-2.sl4	WMS1726
glite-lb-common	i386	6.1.1-2.sl4	WMS1726
glite-wms-helper	i386	3.1.17-7.sl4	WMS1726
glite-yaim-core	noarch	4.0.3-13	WMS1726
glite-yaim-wms	noarch	4.0.1-6	WMS1726
vdt_globus_data_server	i386	VDT1.6.1x86_rhas_4-5	WMS1726
vdt_globus_essentials	i386	VDT1.6.1x86_rhas_4-5	WMS1726

2008-03-19 (Ale)

- Update lcg-CA: 1.20-1

2007-12-18 (Ale)

- Update these rpms:
 - ◆ glite-lb-client-3.1.1-1.sl4.i386.rpm
 - ◆ glite-lb-client-interface-3.1.1-1.sl4.i386.rpm
 - ◆ glite-lb-common-6.1.1-1.sl4.i386.rpm
 - ◆ glite-lb-logger-1.4.6-1.sl4.i386.rpm
 - ◆ glite-lb-proxy-1.5.1-2.sl4.i386.rpm
 - ◆ glite-lb-ws-interface-2.4.0-3.sl4.i386.rpm

error: Failed dependencies: MySQL-server >= 4.1.20 is needed by glite-lb-proxy-1.5.1-3.sl4.i386

(add --nodeps)

2007-12-07 (Ale)

Starting installation of the WMS

- Define new yum repository:

```
[main]
[glite-wms]
name=gLite 3.1 wms
baseurl=http://grid-deployment.web.cern.ch/grid-deployment/glite/cert/3.1/glite-WMSLB/sl4/i386/
enabled=1
[CA]
name=CAs
baseurl=http://linuxsoft.cern.ch/LCG-CAs/current
enabled=1
```

- yum install cert-glite-WMSLB
- yum install lcg-CA Probably this need to be added as dependency
- Copy hostcert.pem hostkey.pem under /etc/grid-security/
- Configure site-info.def
- /opt/glite/yaim/bin/yaim -c -s site-info.def -n WMS

Issues:

```
/opt/glite/yaim/bin/./libexec/configure_node: line 410: /opt/glite/etc/init.d/glite-wms-ice: No
Your identity: /C=IT/O=INFN/OU=Host/L=CNAF/CN=devel07.cnaf.infn.it
Creating proxy ..... Done
Your proxy is valid until: Fri Dec 7 16:26:16 2007
ABORT: Service glite-wms-ice failed to start!
ERROR: Error during the execution of function: config_glite_wms
ERROR: Error during the configuration.Exiting. [FAILED]
```

- Remove glite-wms-ice from line 400 of file /opt/glite/yaim/functions/config_glite_wms
-

- Remove `/etc/cron.d/glite-wms-check-daemons.cron` and stop `lserver`

Configure `jobdir`

- Set **jobdir** as input method for workload-manager instead of *filelist*
 - ◆ Set these variables in the `glite_wms.conf` file (WorkloadManager section)
 - ◇ `DispatcherType = "jobdir";`
 - ◇ `Input = "${GLITE_LOCATION_VAR}/workload_manager/jobdir";`
 - ◆ Create these directories and then give the ownership to `glite.glite`
 - ◇ `/var/glite/workload_manager/jobdir/new/`
 - ◇ `/var/glite/workload_manager/jobdir/old/`
 - ◇ `/var/glite/workload_manager/jobdir/tmp/`
 - ◆ Restart the services

-
- Found this problem (need to be investigate)

```
Status info for the Job : https://devel08.cnaf.infn.it:9000/4IRHj1JMkxlpJRKFjEaQ8w
Current Status:      Waiting
Status Reason:      LBProxy is enabled
Unable to query LB and LBProxy
edg_wll_QueryEvents[Proxy]
Exit code: 4
LB[Proxy] Error: Interrupted system call
(edg_wll_gss_connect())
Submitted:          Fri Dec  7 15:49:15 2007 CET
```

Enable recovery (experimental)

- Install `glite-wms-manager-3.1.31-1.slc4_recovery.i386.rpm`
- Enable recovery by adding

```
EnableRecovery = true;
```

in the configuration file

- Restart the WM

06/25/2008

- Increased `II_timeout` to 180, to fix the problem of ISM emptying

-- AlessioGianelle - 07 Dec 2007

This topic: [EgeeJra1It > WorkLogDevel07](#)

Topic revision: `r16` - 2011-05-06 - AlessioGianelle



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