egee

Enabling Grids for E-sciencE

The Deployment Test: Present and Future

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www.eu-egee.org

e-infrastructure

Enabling Grids for E-sciencE

- **Current deployment test procedure**

- **Future improvements**

Enabling Grids for E-sciencE

- **Weekly check Savannah for new certified patches**

- **If there are enough patches:**

    – A GGUS ticket is opened to track the update

    – The CERN repository is updated

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- **Pre-reports are sent to the pre-deployment mailing list**
- **One report for each service released**

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- **Testing begins**
- **If problems are found then Savannah tickets are opened**
- **If serious problems are found the patch is not released to PPS**

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- **Reports are collected**
- **A bulletin is created including important information about the release**
- **CNAF repository is updated**

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- **Broadcast through CIC portal announcing the update including a link to the bulletin**

- **Green light to do the update in PPS**

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How do the tools used look like?

Savannah

Enabling Grids for E-sciencE

gLite Middleware - Patches: Browse Items

| Group | Main | Homepage | Download | Docs | Support | Mailing Lists | Source Code | Bugs | Tasks | Patches | News |

(-) Display Criteria

Browse with the [certificationProcess ▼] query form and [Simple ▼] selection.　　　　　　　　**Apply**

Metapackages to be restarted:	*Metapackages to be reconfigured:*	*External packages:*	*gLite subsystem tag(s) / ETICS configuration:*	*Summary:*

glite release:	*RPM name(s):*	*Metapackage changes:*	*Affected Metapackages:*	*Assigned to:*
gLite 3.1 ▼				Any ▼

Priority:	*Submitted by:*	*Status:*	*Open/Closed:*	*Item ID:*
Any ▼	Any ▼	Certified ▼	Any ▼	

Additional constraint [deactivated ▼] :

[Any ▼] [modified ▼] since [19 ▼] [September ▼] [2008]

Show: [50] items at once ; items with a spam score lower than [5] .

Click a column heading to sort results (up or down), or sort by priority or reset sort. You can also activate multicolumn sort. Currently, results are sorted by Item ID.

7 matching items - Items 1 to 7

Item ID	Summary	Status	Priority	Glite Release	Assigned To
#2379	Removal of obsoleted lcg-info packages glite-VOMS_mysql	Certified	5 - Normal	gLite 3.1	felixehm
#2378	Removal of obsoleted lcg-info packages glite-PX	Certified	5 - Normal	gLite 3.1	felixehm
#2377	Removal of obsoleted lcg-info packages glite-VOMS_oracle	Certified	5 - Normal	gLite 3.1	felixehm
#2198	Removal of info-plugin-fcr from glite-BDII	Certified	5 - Normal	gLite 3.1	iteam
#2092	add glite brokerinfo to glite-UI x86_ia32	Certified	5 - Normal	gLite 3.1	iteam
#1672	Service release version information provider for glite-PX	Certified	5 - Normal	gLite 3.1	iteam
#1576	glite-SE_classic for gLite 3.1 / SL4	Certified	1 - On hold	gLite 3.1	iteam

7 matching items - Items 1 to 7

Left sidebar

LCG Savannah

Logged in as jlop
My Incoming Items
My Items
My Groups
My Account Conf
Logout

This Page
Clean Reload
Printer Version
Related Recipes:
Item Privacy

Search

in [Projects ▼]
　　Search

Hosted Projects
Register New Project
Full List
Contributors Wanted
Statistics

Site Help
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User Docs: In Depth Guide
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Contact Us

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EGEE Pre-**P**roduction **S**ervice

Home | Contacts | Users | Sites | Regions | Activities | Pilots | Release | Monitoring | Meetings | Presentations | Activity Management

Monitoring

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| Wikis |
| Public PPS wiki |
| PPS wiki for Site Admins |
| PPS coordination twiki |

PPS Documents

/ egee-pre-production-service / release / testreports / gLite3.1.0 / gLite3.1.0-PPS-UPDATE35 /

Pre-deployment Test Report - gLite3.1.0-PPS-UPDATE35 - 19-Aug-08

📄 Summary

📄 Detailed

PPS Resources

| Infrastructure |
| Map of the PPS |
| Services, Resources |
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These pages describe part of the EGEE Project funded by the European Commission under FP6

Enabling Grids for E-sciencE

```
glite 3.1.0 release 35 to PPS
Wed-Aug-13-2008


 PPS-glite-FTA_oraclee  [OK]
 PPS-glite-FTS_oracle [OK]
 PPS-glite-MON[OK]
 PPS-glite-SE_dpm_mysql[OK]
 PPS-glite-WN[OK]
 PPS-lcg-CE [OK]

Configuration

 PPS-glite_CREAM_ce  [OK]
 PPS-glite-UI  - Reconfiguration not needed.
 PPS-glite-WN - Reconfiguration not needed.

 PPS-glite-FTA_oraclee  - Reconfiguration not needed.
 PPS-glite-FTS_oracle - Reconfiguration not needed.
 PPS-glite-MON - Reconfiguration not needed.
 PPS-glite-SE_dpm_mysql - Reconfiguration not needed.
 PPS-glite-WN- Reconfiguration not needed.
 PPS-lcg-CE - Reconfiguration not needed.

Service functionality:

 PPS-glite-FTA_oraclee  [OK] - None of glite-transfer commands return error, but the transfer jobs are failing
 PPS-glite-FTS_oracle [OK] - None of glite-transfer commands return error, but the transfer jobs are failing
 PPS-glite-MON[OK]
 PPS-glite-SE_dpm_mysql[OK]
 PPS-glite-WN[OK]
 PPS-lcg-CE [OK]

- Services tested:

32bit

    * PPS-glite-SE_dpm_mysql 3.1.17-0
    * PPS-glite-WN 3.1.20-0
    * PPS-lcg-CE 3.1.18-0
    * PPS-glite-FTA_oracle 3.1.2-0
    * PPS-glite-FTS_oracle 3.1.3-0
    * PPS-glite-MON 3.1.7-0

 - Services not tested:
32bit

    * PPS-glite-AMGA_oracle 3.1.5-0
    * PPS-glite-AMGA_postgres 3.1.9-0
    * PPS-glite-CREAM_ce 3.1.3-0
```

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EGEE Pre-Production Service

Home | Contacts | Users | Sites | Regions | Activities | Pilots | Release | Monitoring | Meetings | Presentations | Activity Management

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PPS coordination twiki

PPS Documents

/ egee-pre-production-service / release / bulletin / gLite3.1.0 /

Last announced:

📁 gLite3.1.0-PPS-UPDATE35 (19-Aug-08) -

Previously announced:

📁 gLite3.1.0-PPS-UPDATE34 (12-Aug-08) -
📁 gLite3.1.0-PPS-UPDATE33 (05-Aug-08) -
📁 gLite3.1.0-PPS-UPDATE32 (25-Jul-08) -
📁 gLite3.1.0-PPS-UPDATE31 (14-Jul-08) -
📁 gLite3.1.0-PPS-UPDATE30 (10-Jun-08) -
📁 gLite3.1.0-PPS-UPDATE29 (03-Jun-08) -
📁 gLite3.1.0-PPS-UPDATE28 (26-May-08) -
📁 gLite3.1.0-PPS-UPDATE27 (16-May-08) -
📁 gLite3.1.0-PPS-UPDATE26 (28-Apr-08) - [Fast-Tracked: synchronization to production]
📁 gLite3.1.0-PPS-UPDATE25 (28-Apr-08) -
📁 gLite3.1.0-PPS-UPDATE24 (21-Apr-08) -
📁 gLite3.1.0-PPS-UPDATE23 (17-Apr-08) -
📁 gLite3.1.0-PPS-UPDATE22 (08-Apr-08) -
📁 gLite3.1.0-PPS-UPDATE21 (17-Mar-08) -
📁 gLite3.1.0-PPS-UPDATE20 (04-Mar-08) -
📁 gLite3.1.0-PPS-UPDATE19 (03-Mar-08) -
📁 gLite3.1.0-PPS-UPDATE18 (19-Feb-08) -

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PPS coordination twiki

PPS Documents

/ egee-pre-production-service / release / bulletin / gLite3.1.0 / gLite3.1.0-PPS-UPDATE35 /

To: PPS Site Administrators
From: PPS Coordination Team
Date: 19-Aug-08
Subject: **Release of new update to PPS: gLite3.1.0-PPS-UPDATE35**

Dear PPS Site Administrators,

gLite3.1.0-PPS-UPDATE35 is now available.

Please apply these patches to your site as soon as possible but, anyway,

WITHIN THE NEXT 3 DAYS

- **Note for PPS-glite-FTS_oracle and PPS-glite-FTA_oracle services:**

    During pre-deployment phase, the transfer jobs was failing on these services.
    This problem is still under investigation. It can be found more information in the test reports for this Update.

- **In this update were tested the following services:**

  32 bit

      * PPS-glite-SE_dpm_mysql 3.1.17-0
      * PPS-glite-WN 3.1.20-0
      * PPS-lcg-CE 3.1.18-0

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Site	Services Tested
CERN_PPS	FTA_oracle, FTS_oracle, BDII, CREAM-CE, LSF_utils, WN, GLEXEC_wn, glite-UI
CESGA-PPS	glite-IC, MON, SE_dpm_mysql, WN (SGE), lcg-CE (SGE), GLEXEC_wn
CNAF-PPS	glite-FTM
IL-BGU-PPS	SE_dpm_mysql
KIAM-PPS	glite-UI, SE_dpm_mysql
PPS-IFIC	glite-WMSLB
PPS-LIP	PROX, SE_dcache, lcg-CE, LFC-mysql, SE-dpm-mysql, WN, VOBOX
UPATRAS-PPS	CREAM-CE

- **32bit**
    - PPS-glite-LB
    - PPS-glite-LFC_mysql
    - PPS-glite-LFC_oracle
    - PPS-glite-PX
    - PPS-glite-VOMS_mysql
    - PPS-glite-VOMS_oracle
    - PPS-glite-SE_dpm_disk
    - PPS-glite-SE_dcache_admin_gdbm
    - PPS-glite-SE_dcache_admin_postgres
    - PPS-glite-SE_dcache_info
    - PPS-glite-SE_dcache_pool
    - PPS-glite-SE_dpm_oracle
    - PPS-glite-VOBOX
    - PPS-glite-AMGA_oracle
    - PPS-glite-AMGA_postgres
    - PPS-glite-SLCS_client

- **64bit**
  - PPS-glite-WN
  - PPS-glite-LFC_mysql
  - PPS-glite-LFC_oracle
  - PPS-glite-SE_dpm_disk
  - PPS-glite-TORQUE_client
  - PPS-glite-FTA_oracle
  - PPS-glite-FTS_oracle
  - PPS-glite-SE_dpm_mysql
  - PPS-glite-SE_dcache_admin_gdbm
  - PPS-glite-SE_dcache_admin_postgres
  - PPS-glite-SE_dcache_info
  - PPS-glite-SE_dcache_pool

Enabling Grids for E-sciencE

- **Based on current procedure**

- **Assign a responsible and a deputy for each service**

- **Creation of a prioritized list of *orphan* services**

- **Speed up the process:**
  - Automate the system used for reporting
  - Possibility to do a partial release

- **Integration of the deployment process inside the new PPS effort accounting tool**

- **Feedback appreciated**

Enabling Grids for E-sciencE

- **Thanks**
- **Questions? Comments? Suggestions?**