

LCG Grid Deployment - gLite Pre Production Services - Pre Production Coordination - PPS Current Programs

Pre-deployment Testing in PPS

The PPS helps by mandate to evaluate deployment procedures, interoperability and basic functionality of the software against scenarios reflecting real production conditions.

The "PPS deployment test activity", coordinated by **CESGA-PPS** is integrated in the framework of the current release procedure.

To be a member in the pre-deployment team and participate in the testing of services, it's necessary:

- To have installed correctly selected service with last PPS update.
- Be subscribed to pps-deployment-test@cernNOSPAMPLEASE.ch mailing list(using Simba web page, <http://listboxservices.web.cern.ch/listboxservices>, with a CERN valid user)
- This mailing list is used to communicate new updates to the pre-deployment team

Sites member of this pool are requested to following the next procedure:

- An e-mail is sent by Felix, informing a new Update has been prepared, CERN repositories are ready and with the link to the Release Notes.
- A second e-mail is sent by Alvaro or Esteban with the pre-reports for being filled each service released in the Update
- Each Site fill the report for the service to which is charge to test it
- The Sites upgrade as soon as possible (not more than 1 day) their priority services (see list below)
- Report with the result of the upgrade is sent to the pre-deployment list,
- Pre-deployment test coordinator will summarize the result of the whole test
- The update will be released to PPS, and a bulletin will be created with the summary reports on EGEE Pre-Production Service link.

The pre-deployment test pool is composed as follows:

SITES		
Site Name	Site Admin(s)	Mail Contact
CERN_PPS	Danica Stojiljkovic, Farida Naz	danica.stojiljkovic@cernNOSPAMPLEASE.ch, Farida.Naz@cernNOSPAMPLEASE.ch
CESGA-PPS	Alvaro Simon, Esteban Freire	asimon@cesgaNOSPAMPLEASE.es, esfreire@cesgaNOSPAMPLEASE.es
UPATRAS-PPS	Vasilios Kolonias	bakoloni@eceNOSPAMPLEASE.upatras.gr
KIAM-PPS	Eugenia Kovalenko	kei@keldyshNOSPAMPLEASE.ru
PPS-IFIC	Alvaro Fernandez	Alvaro.Fernandez@ificNOSPAMPLEASE.uv.es
CNAF-PPS	Danilo Dongiovanni,Daniele Cesini	daniele.cesini@cnafnOSPAMPLEASE.infn.it, danilo.dongiovanni@cnafnOSPAMPLEASE.infn.it
LIP-PPS	Mário David, Hugo Gomes, Manuel Montecelo	pps.admin@lipNOSPAMPLEASE.pt
ITWM-PPS	Martin Braun, Christian Peter	martin.braun@itwmNOSPAMPLEASE.fraunhofer.de, christian.peter@itwmNOSPAMPLEASE.fraunhofer.de

Distribution of services among testing sites

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Each site should point the respective service to the CERN repository as follows:

For APT (gLite3.0):

- SLC3 services: **rpm** <http://glitesoft.cern.ch/EGEE/gLite/APT/R3.0/> **rhel30 externals Release3.0 updates**

For YUM (gLite 3.1):

- All services, SLC4 EXCEPT WN:
baseurl=http://grid-deployment.web.cern.ch/grid-deployment/glite/pps/3.1
- WN, SLC4:
baseurl=http://grid-deployment.web.cern.ch/grid-deployment/glite/pps/3.1/glite-WN/sl4/

For YUM (gLite 3.2):

The new packages can be found on links:

- All services, SLC5: **baseurl=http://grid-deployment.web.cern.ch/grid-deployment/glite/pps/3.2/**
- Torque client:
baseurl=http://grid-deployment.web.cern.ch/grid-deployment/glite/pps/3.2/glite-TORQUE_client/sl5
- WN, SLC5:
baseurl=http://grid-deployment.web.cern.ch/grid-deployment/glite/pps/3.2/glite-WN/sl5

- Example of how to configure the new repositories:

- Under /etc/yum.repos.d, create PPS-glite-WN.repo and PPS-glite-TORQUE_client.repo:

```
[PPS-glite-WN]
name=PPS-glite-WN
baseurl=http://grid-deployment.web.cern.ch/grid-deployment/glite/pps/3.2/glite-WN/sl5/$basearch/
enabled=1
```

```
[PPS-glite-TORQUE_client]
name=PPS-glite-TORQUE_client
baseurl=http://grid-deployment.web.cern.ch/grid-deployment/glite/pps/3.2/glite-TORQUE_client/sl5/
enabled=1
```

- Example of how to install and configure the metapackages:

```
yum groupinstall PPS-glite-WN
yum install PPS-glite-TORQUE_client
/opt/glite/yaim/bin/yaim -c -s site-info.def -n WN -n TORQUE_client
```

SL5 services summary list

Services in *italic* characters are already in the production release or about to get there

Service	OS	Site covering the deployment test	Released
<i>glite-UI</i>	SL5	CERN_PPS	Yes
<i>glite-WN</i>	SL5	CERN_PPS	Yes

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<i>top_BDII</i>	SL5	RAL-LCG2	yes
<i>site_BDII</i>	SL5	RAL-LCG2	yes
<i>glite-LFC_mysql</i>	SL5	INFN Padova & DESY-PPS	yes
<i>glite-FTS_oracle</i>	SL5	CSCS PPS	No yet
<i>glite-WMS</i>	SL5	DESY-PPS	yes
<i>glite-SE_dpm_disk + glite-SE_dpm_mysql</i>	SL5	PPS-ITWM	Yes
<i>glite-VOBOX</i>	SL5	None yet	Yes
<i>glite-CREAM_ce</i>	SL5	DECH PPS	No yet
<i>lcg-CE</i>	SL5	PreGR-01-UoM	No yet
<i>glite-MON</i>	SL5	PreGR-01-UoM	No yet
<i>glite-WN</i>	Debian	None yet	No yet
<i>glite-GLEXEC_wn</i>	SL5	None yet	No yet
<i>torque_utils</i>	SL5	None yet	No yet
<i>condor_utils</i>	SL5	None yet	No yet
<i>sge_utils</i>	SL5	None yet	No yet
<i>MPI_utils</i>	SL5	None yet	No yet
<i>LSF_utils</i>	SL5	None yet	No yet
<i>glite-LB</i>	SL5	None yet	No yet
<i>glite-PX</i>	SL5	None yet	No yet
<i>glite-FTA_oracle</i>	SL5	None yet	No yet
<i>glite-FTM</i>	SL5	None yet	No yet
<i>glite-AMGA_oracle</i>	SL5	None yet	No yet
<i>glite-HYDRA</i>	SL5	None yet	No yet

-- Main.aretico - 25 May 2007

Searched: **EstebanFreire**

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