Minutes of the PPS Operations Meeting
11th October 2005

Attendees (by VRVS)

CESGA:	Francisco Jose Bernabe, Javier Lopez Cacheiro
CNAF:	Daniele Cesini,
LIP:	Mario David, Goncalo Borges
UPATRAS:	George Goulas (No MIC)
UOA:	Andreas Alexopoulos
FZK:	- (justified)
CERN:	Di Qing, Antonio Retico
Cyfronet:	-
RAL:	Stephen Burke
IFIC:	Alvaro Fernandez Casani
IN2PN3:	-
ASCG:	-
PIC:	Carlos Borrego Iglesias
DILIGENT:	Pedro Manuel Rodrigues De Sousa Andrade

Discussion topics

1) Review of Action Points (7-sep-2005)
2) Upgrade on certification of version 1.4
3) Status of FTS testing
4) Support for DILIGENT vo
5) Fireman: Support for HEP VOs
6) Fireman: Should we try Oracle?
7) PPS access to production clusters
8) Access to the PPS wiki page
9) Naming conventions for values in R-GMA
10) SFT Status
11) "Tour de table": Summaries from sites (main issues, news, etc)
12) APT repository for PPS

Actions

Points in status "Done" will be kept for reference and removed from the table next time

Number	Description	Assigned to:	Status
2005.09.07—1	Di to install FTS at CERN for PPS.	Di	Done
2005.09.07—2	Nick to find out the easiest way to upgrade the clients from 1.2 to 1.3	Nick	In progress
2005.09.07—3	configuration information needed to configure the gLite 1.3 CEs to use the production VOMS servers.	Nick	In progress
2005.09.07—4	Nick to contact PIC to ask it they can upgrade their CE to	Nick	Done

Number	Description	Assigned to:	Status
	gLite 1.3		
2005.09.07—5	All sites to give written feedback to Nick on problems encountered, (bugs, mis-configurations, etc.) while upgrading services to gLite 1.3	Site admins	In progress
2005.09.07—6	All sites to check that they are successfully publishing all of their site data in R-GMA.	Site admins	In progress
2005.09.07—7	Get the SFT monitoring running on the PPS as soon as possible.	Nick / Antonio / Piotr	In progress
2005.09.07—8	Nick to find out the details of how to set up and maintain an APT repository and send the information to Daniele Cesini.	Nick	Done
2005.09.07—9	All sites to check their information in the PPS wiki and update or amend it as necessary.	Site admins	In progress
2005.09.07—10	Everyone to check review the "User Area" and the "Getting Started as a Site" pages in the PPS wiki making updates and amendments as necessary.	All	In progress
2005.09.07—11	All sites to take a look at all information in the PPS wiki which pertains to their site and decide whether the information is sensitive or not. This will for the basis for deciding whether to keep the restricted access for the PPS wiki or whether to remove the access restrictions.	All	In progress
2005.09.07—12	Nick to contact JRA1 to find out if the BDII is still needed for storing the endpoints of the Ses.	Nick	In progress
2005.09.07—13	All owners of gLite WMSs on the PPS should send the DN of the WMS host certificate to Mario.	Site admins	Done
2005.10.11—1	Communicate to Antonio changes in status of the action points (only 2005.09.07)	All	In progress
2005.10.11—2	Update status of the action points (only 2005.09.07)	Antonio	In progress
2005.10.11—3	Notify to (non HEP) VO representatives about the possibility to attend PPS Operation meetings in order to put forward needs and /issues.	Nick	CANCELLED
2005.10.11—4	Enable Diligent VO to run on CERN PPS site resources	Di	In progress
2005.10.11—5	Enable Diligent VO to run on LIP PPS site resources	Mario David	Done
2005.10.11—6	Verify if Diligent can be supported by the Fireman catalogue at PIC	Carlos Borrego	In progress
2005.10.11—7	ask IN2PN3 if the are willing to provide the Fireman-ORA service	NIck	In progress
2005.10.11—8	move all the nodes from the wiki page to the GOC DB	Site admins	In progress
2005.10.11—9	Re-organize the wiki and its content into two logical areas, a public one and a restricted one.	Javier Lopez	In progress
2005.10.11—10	Create a public page with a general overview on the aims and scope of the pre-production service	Antonio/Nick	In progress
2005.10.11—11	Insert all the CEs in the GOC DB	Site admins	In progress
2005.10.11—12	Press on JRA1 for feedback on bug #11535	NIck	In progress
2005.10.11—13	verify the status of the quick fixes in the repository	Daniele	In progress

Decisions at this meeting

- The list of PPS nodes to be migrated from the wiki page to the GOC db

Previous Decisions

1. Users wishing to gain access to the pre-production service should be redirected to Birger Koblitz.
2. Sites will be added to the pre-production service 1-2 at a time until there are enough experienced people to take the support load.
3. It was agreed by everyone present that we should The goal is to be able to run "hello world" jobs by Wednesday 8th June.
4. The status of the nodes at the pre-production sites will be kept up to date in the pre-production service wiki.
5. While we are setting up the pre-production service we will only use the NIKHEF VOMS server with the 3 fake VOs.
6. Everyone participating in phase I will register with the Picard VO.
7. The dteam, HEP, BioMed and generic VOs to will be added to the pre-production service once the service is ready for users.
8. Fail-over, backups, disk mirroring, etc. are not needed at the moment on the pre-production service. Simply having more than one instance of each core service is sufficient.

Discussions *(same numbering as for Discussion topics)*

1) Review of Action Points (7-sep-2005)

- This item has been skipped. Some points have been updated in this version of the document by Antonio using the information in his posses. People aware of other changes in status should communicate them to Antonio (AP **2005.10.11—1**), who will update the list (AP **2005.10.11—2**)

2) Upgrade on certification of version 1.4

Antonio made a summary on running certification of 1.4of the plans in certification

- Bulk submission not working. (affected by Critical Bug #11250, perhaps also #11387). Waiting for a fix (should be fixed with patch release 1.4.1).

- RGMA purchaser (use of R-GMA as IS) not working. Problems in translation from ldap to r-gam (bug #11675 against R-GMA GIN)

- ACL on queues not published, and not used in the matchmaking (#10798) it was also in previous version

- new race condition on the publishing of CE data on RGMA (information in RGMA "flickers")

In conclusion the RGMA purchaser mechanism presumably will not be enabled in PPS with version 1.4. PPS will wait for version 1.4.1 to be released and tested.

Furthermore, Antonio pointed out that In the case of the WMS working in push mode with a production bdii (not relevant for the PPS yet), it turns out that most of the time the information supermarket is empty, therefore resulting in the WMS not being usable.

The certification is currently running tests focused on the WMS part of the version 1.4. As soon as these tests will be successfully terminated, the tested subset of services will be declared available for the pre-production and a second subset will go under test.

In the meanwhile sites can upgrade to version 1.3, even if the upgrade is not to be considered mandatory, because no significant improvements have been observed in certification between versions 1.2 and 1.3.

3) Status of FTS testing

Unfortunately nobody from IN2PN3 was available to give a report on the usage of the newly set-up service.

Mario David confirmed that data transfers have been performed from LIP to IN2PN3 in both directions.

4) Support for DILIGENT vo

Currently DILIGENT is enabled to run only on CNAF CEs.

Pedro Andrade put forward the need for DILIGENT to be enabled to run on a site providing at least a Storage Element.

Antonio noted that a clear interaction process with non-HEP VO is currently missing, whereas HEP VO are supposed to interface through ARDA (see Decision 1).

Carlos Borrego suggested that representatives from VOs should be regularly invited to attend PPS Operation meetings in order to clarify needs/issues. The point was accepted (AP **2005.10.11—3**)

(P.S. Errata Corrige: Actually ARDA coordinates testing of the HEP as well as the non-HEP community in NA4. The DILIGENT project is not in NA4. It is currently under discussion who should be the interface with PPS for them (Birger Koblitz appears to be the most suitable candidate). This invalidates AP 2005.10.11—3)

Antonio asked for volunteers to support DILIGENT among sites running a DPM/IO

- CERN volunteered (AP **2005.10.11—4**)
- LIP volunteered (AP **2005.10.11—5**)

Both volunteers put forward the restriction that DILIGENT will be enabled to run only for test purposes. At production time terms of support will presumably need to be negotiated with competent management.

Di Qing pointed out that also the catalogue (PIC) needs to be updated. Otherwise the VO will need to configure its own catalogue. Carlos Borrego will verify the possibility to support also Diligent (AP **2005.10.11—6**)

Antonio asked CNAF if they are available to provide a DPM/IO server. Daniele answered that it cannot be done before two weeks from now, because they are currently busy with the interface to the production batch. This point will be reviewed next meeting.

5) Fireman: Support for HEP VOs

Antonio asked PIC which of the HEP VOs are currently supported by PIC

Carlos reply was: CMS, Atlas, LHCB and Dteam (plus the Start Trek VO)

This is considered to be sufficient for the time being, since Alice is not playing with the PPS yet.

6) Fireman: Should we try Oracle?

Antonio reported on the difficulties to use the standard CERN Oracle services in order to run certification tests of the Oracle based version of the catalogue (see bug #10388 for reference)

Nevertheless the Oracle Fireman should be tried, because the implementation is completely different from the Mysql one.

The certification group will use a dedicated database which presumably, however, will not be set up in time to test version 1.4.

Therefore we will ask IN2PN3, who is known to have an Oracle service running, if the are willing to provide the Fireman-ORA service (AP **2005.10.11—7**).

7) PPS access to production clusters

PIC has recently granted access to the production batch system.

CNAF is still experiencing some difficulties.

Antonio confirmed the availability of the certification team to provide any help needed

8) Access to the PPS wiki page

The Wiki still contains some sensible and potentially exploitable data (e.g. nodes name and ports) which made the restriction needed.

Antonio noted that some services published in the CoreServices page were still in the incorrect version. Since this is currently the main reference for the overall status of the PPS service all site admins should feel committed to maintain it adequately (AP **2005.09.07—9**).

He also noticed that some sites are not publishing yet the complete node list in the site area of the wiki. Since this data can be hosted in the GOC db, and that is probably the logical place where to store them, he suggested to move all the nodes from the wiki page to the GOC DB. So that also the security constraints on the wiki page could be released (AP **2005.10.11—8**).

As a general solution for security issues Javier Lopez proposed to re-structure the wiki into two logical areas, a public one and a restricted one. The proposal was accepted. Javier is going to look after the implementation of the new structure as well as the classification of the existing documents as "public" or "private" (AP **2005.10.11—9**).

In this context Antonio also noticed that there is not any public page providing a general overview on the aim and scope of the pre-production service, which needs to be created (AP **2005.10.11—10**).

9) Naming conventions for values in R-GMA

The values published in the R-GMA in some cases are not homogeneous.

Antonio proposed the creation of a document on the basis of an agreement among sites for the values to be published without getting bogged down in long e-mail threads.

Antonio also asked to Stephen Burke, who originally raised the issue on the mailing list, whether he reckon this document to be needed.

Steve made the consideration that the non-homogeneity is probably due to the fast evolution of the templates and perhaps is going to settle down when the PPS gets stabilised on a common version.

The point was accepted and it was decided review the point after the installation of version 1.4

10)   SFT Status

Antonio reported on the status of the Site Functional Tests on PPS

- The SFT server has been set-up ate CERN (an older version of MySQL was needed)

- The cron-job for the creation of the list of nodes to test has not been set-up yet (AP **2005.09.07—7**)**.**

- With the current query all the PPS CEs are taken, without any filter on CEs on maintenance. This behaviour is likely to be changed as the PPS grows, so site admins should get used have the node description in the GOC DB lined up with the operational status of the node, as it happens in LCG.

- In order for a CE to be monitored via SFT it is mandatory to have the CE in the GOC db. Therefore all sites should be sure that their CEs are listed in the GOC db (AP **2005.10.11—11**)**.**

11)   "Tour de table": Summaries from sites (main issues, news, etc)

- CESGA: some problems to install UI 1.3 in user space

- CNAF: APT repository set-up (see next point); VOMS runs in version 1.3, currently working on the integration with the production cluster

- CERN: Performance problems with WMS, Critical bug raised and e-mail sent to the discussion list. No feedback received. We need to insist (AP **2005.10.11—12**).

- LIP: all services are running at version 1.3; DAG job submission tried. Issues raised onto the discuss mailing list

- IFIC: services running with version 1.2, waiting for 1.4 to be released. They ask CNAF to verify the status of the quick fixes in the repository (AP **2005.10.11—13**)**.**

12)   APT repository for PPS

All sites should from now on use for the installation the APT repository at CNAF. Daniele Cesini has sent out the coordinates in the PPS mailing list.