Pilot Jobs + glexec

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Pilot Jobs

- At its meeting earlier this week, JSPG produced a new draft of the security policy document on multi-user pilot jobs.

- This draft (V0.4a) may be found at https://edms.cern.ch/document/855383/1

- The important change was that this policy now refers to the new policy on Traceability and Logging).

- JSPG is seeking comments on this current draft. Please do so by the end of next week.

Review glexec

- The identity change and sub-job management must be executed by a commonly agreed mechanism that has been reviewed by a recognized group of security experts.

- At present the only candidate is *glexec*, and a positive review by the security teams of each of the grid infrastructures (OSG, EGEE) would be sufficient.

- Reviewed by EGEE – see November GDB

- Now being tested,.

Batch testing

- CERN LSF
  https://twiki.cern.ch/twiki/bin/view/FIOgroup/FsLSFGridglExec
- NIKHEF PBS
- CC-IN2P3 BQS
- LAL PBS
- CESGA SGE
- Condor
- Others?

- CERN Tests are a good example. NIKHEF will publish a generic set soon.

Experiment Frameworks

- Review Team formed, MB approved their mandate.
    - has met once
- Homework assigned to the experiments, viz.
    - to imitate the LHCb note describing the pilot job framework to a certain level of detail.
- Discussed what to put into the questionnaire.

LCAS/LCMAPS

- *Local mode LCAS/LCMAPS does not scale to large sites*
  - *Client-server version required*
- *OSG uses GUMS – they have a common API*
  - *Only one version of glexec required*
- *LCAS/LCMAPS*: the server version of LCAS/LCMAPS must be completed, certified and deployed.
- Progress?

- JRA1
- SA3
- SA1

Timescales

- glexec review – done

- Glexec testing - started

- Framework Review
  - Team formed.
  - Mandate defined

- Batch system testing
  - Started but not yet full coverage

- Glexec certification and deployment
  - Once testing

- LCAS/LCMAPS service
  - Still in development due now