WLCG VOMS/VOMRS Convergence

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Migration of CERN VOs to VOMS-Admin

PES

- Production - four nodes running:
  - SLC4
  - Four nodes run VOMS-Core 1.8
  - Two nodes run VOMS-Admin 2.0
  - Two nodes run VOMRS 1.3-3
- VOs 12 in total.
  - alice, atlas, cms, envirogrids.vo.eu-egee.org, geant4, lhcb, na48, ops, test, unosat,, vo.gear.cern.ch, vo.sixt.cern.ch
  - We lost dteam end of 2010.

- # Short term target to SLC5 and 2.5
  - – Upgrade to SLC5 and latest voms-admin
  - – Prepares us for next more significant update.

- # Medium term target drop VOMRS
  - – VOMS-Admin 2.6
  - – Remove VOMRS completely.
  - – Changes the way VO-Admins work.

- Two SL5 test nodes are running now with latest VOMS-Admin on a copy of Oracle prod database.
  - VOMS admin 2.5
  - VOMS core 1.9.19

- Currently VOMRS being adjusted to accommodate anti-CSRF measures in voms-admin.

- No expected changes for VO Admins.

- However it requires a one way database schema update.

  - snapshot will be taken.

  - Rollback to 2.0 - back to snapshot.

- Validation of VOMS Admin 2.5 by VO-Admins - Still VOMRS.
  - VO-Admins will be invited to test on a db copy of production.
  - Test VOMS Core end point will be offered.
    - voms-pilot.cern.ch are trusted on WLCG sites.
    - Needed for GUMS, WMS testing, framework testing,
  - Test VOMS Admin end point will be offered.
    - Needed for mkgridmap testing.
    - Needed for CMS/ATLAS replicas at FNAL/BNL.

CERN IT Department

- Pre-requisite - Voms-Admin 2.6 released.
  - April 2011.
- A test instance for all VOs will be configured.
- Migration scripts to be developed.
  - Personal information to be migrated.
    - VOMRS -> VOMS-Admin.

- ## Testing period for VO Admins to follow.
  - Expected around Summer 2011.
  - Pre-requisite 2.5 in production.
  - Feedback to be given.
  - Another release of voms-admin will happen before eventual deployment.

- ## Various VO scripts against VOMRS must be ported.
  - Please let me know about them.

- Upgrade to SL5 and voms-admin 2.5 will happen ASAP.
  - Public testing in isolation.
- Provide a new voms-admin without VOMRS.
  - Test in isolation for quite some time.
  - Allows training/learning for VOMS-Admin.
  - Feedback will be needed.