



VOMS & SC3

<http://agenda.cern.ch/fullAgenda.php?id=a051048>

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What we want to achieve for SC3 (September 2005)



- Install the gLite VOMS on the server `voms.cern.ch` with Oracle support.
- Install VOMRS on `lcg-voms.cern.ch`, inter-working with:
 - the CERN HR database (ORGDB),
 - `voms-admin` also ported to Oracle (this is not yet done).



Service status by the end of June 2005



- Only '*test*' because, although most of the code is written, none of the components is actually delivered, installed, tested, integrated. Issues:
 - A big number of bugs remains open.
 - Multiple code versions and CVS repositories cause interoperability problems with other grid services.
 - A reliable centrally managed VOMS service (with proper system monitoring, database dump, log archive and rotation) is still being negotiated.
 - Re-registration of LHC VO members via VOMS/VOMRS, with a direct link to ORGDB, requires a number of months.



More on VOMS versions' issues



- At this time there are 4 different VOMS versions in use in different CVS repositories: INFNforge, gLite, LCG-2, and VDT.
- Our aim is to unify them all. INFNforge, being the natural master, must be identical to gLite. The others may be kept as mirrors, if needed. Different building methods should not become a problem.
- At a stage when "CVS unification" is achieved, VOMS coming as part of the VDT distribution will be practical. Thus, no discrepancies between LCG and Grid3 would arise due to differences in the code.



VO membership data quality



- LHC VO members present in VODB but missing or expired from ORGDB sent to the LHC Experiments' VO managers for investigation:
 - LHCb: 7 out of 48 people, 15%
 - ALICE: 17 out of 40 people, 43%
 - CMS: 55 out of 259 people, 21%
 - ATLAS: 83 out of 312 records, 27%
(includes 29 people of the USATLAS subgroup)



Status documents



- Bugs/Tasks/Patches
http://cern.ch/dimou/lcg/voms/savannah_entries_on_VOMS_VOMRS.html
- LHC VOs Transition Plan
<http://cern.ch/dimou/lcg/registrar/TF/lhc-vos-transition.html>
- VOMS quality Issues
<http://cern.ch/dimou/lcg/voms/voms-challenges.html>