

VOX Project

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VOX Status

- **VOMRS**

- Version 1.0.4 has been released on May 20th, 2004.
- RPMs & pacman cache (for server and client) are available
- User Documentation is available
- Test installation is running on (valid certificate is required to login):
<https://cmssrv08.fnal.gov:8443/vo-TEST/vomrs>
- Bugs reported:
<http://cmssrv08.fnal.gov:3080/bugzilla>

There is no current development only bug fixes and support.

- **SAZ**

- Beta version has been released in February.
- RPMs are available
- Installed at Fermi by security team
- Successfully used on CMS grid deployment testbed for several months
- Production support is transferred to security team
- Software support is transferred to CCF/MAP

- **LRAS**

- Alpha version is released
- Rpm's are available

On-going work (I)

- Production installation for US CMS (V. Sekhri)
 - Just started
- Test installation for BNL (G. Carcassi)
 - Up and running, has been evaluated by Star and Phenix administrators
- Test installation for Privilege Project (J. Weigand)
 - In progress

The goals are:

- Get feedback from various administrators and grid users
- Verify that all components are working together from member's registration to job submission to a particular grid cluster

On-going work (II)

VO registration working group (CERN – I. Neilson)

- Group has been organized about two months ago
- The mandate comes from the GDB in the light of their instruction to revisit the LCG Registration requirements document with specific reference to making full use of existing experiment membership databases at CERN
- The new registration document has been proposed and approved by GDB on May 18th. This is a very high level document.
- Looking at LHC Experiments' Registration procedures
- Evaluating CERN HR database as an information source for LCG membership data.
- Started investigation of existing tools' (VOMS and VOMRS) compatibility with each other and with the requirements.
- Aiming at forming a proposal for the GDB of July 13th 2004

Open issues

- **Gathering comments and new requirements for registration process**
 - Multiple open issues are still remaining:
 - More complicated logic needs to be implemented to handle deletion of Institution, Certificate Authorities
 - Membership suspension mechanism should be more sophisticated (reason for suspension should be provided and stored for auditing)
 - Membership expiration mechanism should be defined and implemented
 - Suspension of a specific DN & CA that has been compromised
- **Responsibilities of Sites are not really finalized**
 - The “site administrator” actions to accept a new grid member are not defined:
 - VOMRS -> Site -> user account
 - Should VO have up to date list of banned users per each site
 - Should it be mandatory to notify VO about approved/denied member’s authorization status during the registration process with a site
- **VOMS-admin status**
 - The last release was on February 6th and was declared as “unstable” by lead developer
 - New person is responsible for support. The future of the further development and bug fixing is unclear

What's next?

- Implement new features requested by various vo administrators
- Modify VOMRS to be used at LCG environment
 - Possibly by providing means to link vomrs db with CERN HR database
- Solve EDG VOMS-admin issues:
 - Get adequate support and maintenance level from CERN
 - or
 - Take over the support
 - or
 - Eliminate VOMRS dependency on EDG VOMS-admin