

Security Cluster Status

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on behalf of the Security Cluster*

- **Current Situation.**
- **Components.**
- **Near Future.**

Staffing situation.

- HIP (Trustmanager/Java-Utills) 1
- NIKHEF (glexec/LCAS/LCMAPS) 2
- UvA (gJAF) 0.5
- UiB (gJAF) 1.0
- KTH 1.0
 - KTH has hired new person, Alex Yu.
 - Started work on gLite Java Delegation WS.
- INFN (VOMS/VOMS-Admin) 3
- CZ (proxy-renewal) 1
- SWITCH (slcs,VASH,"Phase 3") 3
- We now approach a decent strength!
- Highly distributed...
- Telephone conference (every/most) weeks.

Status.

- Replacement of Trustmanager by CoG not feasible.
- Bug-fixing and feature requests the main activity.
- Trustmanager/Util-Java build on both SL3/4.

glexec status.

- glexec and GUMS interoperability work finished.
 - glexec now running in “production” at Fermilab on WNs.
- glexec installed on WN at HIP for the PTB.
 - Ready for LHCb tests (as of 02/03/07).
- Also coming to a NIKHEF site.
- glexec SHOULD compile within ETICS. As of 06/03/07:
 - SL3: Shows an error (builds on my machine though).
 - SL4: Seems to be just D/L-ing code .

LCAS and LCMAPS status.

- Globus C authZ call-out interface to plug LCAS & LCMAPS into GT4(3) services.
 - This coding work is done. Must be verified in ETICS.
 - Must do the run-time testing.
- Include the lifetime validation of the VOMS credentials to the proxy lifetime checking.
 - Done.
- LCMAPS does build on ETICS in SL3 and SL4.
- LCAS fails on SL4 ,conflicting type. Compiler strictness?
 - In general problems are understood.
- Large LCMAPS/VOMS presentation given at MWSG 11..
 - Please see:
<http://indico.cern.ch/conferenceDisplay.py?confId=12654>

gLite Java Authorization Framework Status.

- No new work except for some bug fixes.
- gJAF developers have done extensive review. AuthZ policy coordination meeting, January 18-19, 2007, Bologna
 - Finish test classes for SAML/XACML integration.
 - ▶ Finish: end of March.
 - Internal XACML PDP.
 - ▶ First version by the end of Feb. (before JRA1 AH)..
 - ▶ Finish and test - March/April 2007.
 - Start gJAF and G-PBox integration discussion/design. March
 - ▶ During JRA1 A-H meeting.
 - Create full development and test suite for gJAF.
 - ▶ 1st milestone, Mid-March 2007. Test/usage April/TBD.
 - SAML/Shib integration, discussions started.
 - Discuss further required CREAM functionality.
 - ▶ When CREAM plans are ready.
 - Promote extended gJAF-G-PBox functionality to other activities:
 - ▶ OMII-Europe, Phosphorus, TERENA-EMC2..

Java delegation WS Status.

- Handled by KTH (Alex Yu) now.
- Producing a HOW-TO guide.
- First step is an installation guide.
 - Proceeding smoothly.

Status.

- slcs delivered.
 - Produces a short-lived credential based on Shib attribs.
 - CP/CPS. Accredited by EuGridPMA
 - MJRA1.4 document:
<https://edms.cern.ch/document/770102/1>
- VASH: VOMS Attributes from Shibboleth.
 - Christoph will speak later....
- All proceeding smoothly...
- Need to understand the interconnections between LCAS/LCMAPS-gPBOX-gJAF.
 - In order to write plugins to evaluate the Shib attributes from Phase2.
 - Started, talks here/now.
- ETICS compilation works. Need to see a local build.

- Pressure to use not-completely-ready ETICS.
- gsoap version(s)... will we ever converge?
- BouncyCastle version. slcs vs. deployment?
- LCAS/VOMS. Bug 23534. Underway again. Linked to Patch 915.
- Restructuring plan?
- SAML assertions into gLite - strategic direction?
- Does our PTB glexec-on-WN installation (in prod at Fermilab) work?
 - Depends on LRMS problem at HIP.
- Can we all compile on ETICS “locally”?

gLite ETICS Issues.

- Generally ETICS team has handled our problems well.
- Since last All-Hands meeting:
 - Continued effort of Security cluster to compile on ETICS;
 - Fraction of team to investigate;
 - Leave others for their work.
- Currently most components build. Problem(s) known.
- A few inconsistencies...
- Client version 0.7.3 a big step forward. (0.8??)
- We have some virtual (SLC4,CentOS4) machines for work.

- **Generally focus on bug-fixing/features.**
- SWITCH work to proceed.
 - Nicely encapsulated, few problems.
- gJAF has some work to do.
- glxec/LCAS/LCMAPS to undergo testing on PTB.
 - May(will) lead to some real work!

How will the restructuring plan affect us?