

## Security Middleware Status

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## August 9th TCG meeting.

“... an action to JRA1 security to check with the policy working group to check if there are any privacy (sic) issues with DGAS that could cause problems.”

- We (I) need to get DGAS assessed for privacy issues.
- Do we ask the developer(s) to present to JSPG/MWSG?
- Or something along the lines of LCG Accounting.
- GDB Meeting April 5th Rome.
  - JSPG: Data privacy and retention.
  - <http://agenda.cern.ch/fullAgenda.php?ida=a057704>.
- GDB Meeting June 7th.
  - Report from FZK Karlsruhe.
  - <http://agenda.cern.ch/fullAgenda.php?ida=a057707>.
- Need to provide a similar analysis for DGAS.

**Comments?**

- Staffing.
- Issues.
- Component status.
- Conclusions.

## Security Development (Northern) Cluster. Situation is now stabilized and known.

- Staffing situations in each partner known.
- Hiring completed.
- We are working with 4.5\* FTE developers (vs 7\* in EGEE-I).
- Workplan in place.

- Still difficult to maintain the weekly telephone meetings.
  - Will try to have more next quarter.
- This quarter particularly bad for vacations.
  - Normal for this time of year.
- **Under-estimated the glEXEC GUMS work.**
- **Tomcat memory tests very time-intensive.**

## LCAS framework

- Maintenance, bug-fixing.

## LCMAPS framework

- Re-worked to support the disablement of VOMS parsing.
  - For OSG interoperability.
- Now supports the full data structure of VOMS.
  - Accessible from all the LCMAPS plugins.

## glexec

- glexec on CE
  - Done.
- A configuration capability has been added to glexec.
  - Eases the interoperability work with the OSG.
- Work for glexec to work with the new GUMS (from OSG) plugin for LCMAPS has been completed.
- glexec on {WN,CE}.
  - **Needs to go to PTB urgently. Negotiations underway.**

## gLite Java Authorization Framework (gJAF)

- Reviewed gJAF and GT4-AuthZ frameworks, propose updates and integration.
  - To be presented at EGEE06.
- XACML PDP implementation in GT4-AuthZ and Generic AAA Authorization Framework were reviewed.
  - Presented at JRA1 All-Hands meeting.
- **More from Yuri D. (UvA).**

## Trustmanager, Java-utils

- Development continues with focus on hardening the software.
  - New functionality on back-burner.
- Memory testing of long-running Tomcat processes.
  - Some indication that `log4j` causes problems? Joni?
  - Long process to replicate running conditions.
- Maintenance, bug-fixing.



- Work in close conjunction with Data Management.
- ANSI C implementation of Key splitting.
  - Component in CVS.
  - For use with Hydra key store.
- Investigations, together with CERN, on a method for re-using ssl context.
  - Needed for effective use of GSI in delegation.

## SWITCH

### Three-phase plan

1. Short-lived credential service.
  - Issues short-lived X.509 certs based on user's Shibboleth creds.
  - Design finished, implementation to EGEE CVS.
2. Attribute exchange with VOMS.
  - Still in design stage.
  - Discussed at EGEE design team meeting.
3. SAML attributes into gLite MW.

- Security work continues...
- Work plan in MJRA1.3 still valid.
  - Work on glexec command error codes delayed.
  - Namespace parser work started.
- Emphasis on bugs/maintenance.