

# Security Status

*Joni Hahkala on Behalf of Security cluster et al  
JRA1 all hands meeting, Pilsen*

## Got to a slow start

- Sick leave
- Vacations
- Travels
- Hiring
- Lost people

## LCAS

- **New checks**
  - Proxy lifetime restrictions
    - No longer than 24 hours
    - Except the myproxy ones
    - Level based configuration
  - VOMS cert lifetime restriction to 24 hours

## LCMAPS

- **Integration to GUMS (OSG) on development**

## Glxec on CE

- **Mostly finished**
- **Functionality based on LCAS and LCMAPS**

## Glxec on WN

- **Progressing with a lower priority because of following point**
- **The need is unsure**
  - Do sites allow it to be installed
    - Setuid program
  - Do sites require it
    - Blacklists, logging, accounting
  - Will VOs use it
    - More work to implement
- **Will be deployed by OSG (at least for CDF VO)**

- **Require the auditability and traceability on the real user level on the WN and VO scheduler**
- **Glexec would do this**
- **VOs have to understand that:**
  - Pilot job user might be held accountable for the actions done by the invoked job
  - Banning the pilot user will ban the whole VO

## Authorization Framework

- **Development and support moved to UvA**
- **Move to GT4 authz FW being discussed and implications under investigation**
- **Callouts to (site) authz services to be implemented**
- **SAML and XACML support to be implemented**

## Test utils

- **Now contains**
  - Personal cert, host cert
  - Lots of test certs
  - Voms certs
- **Used in Data management and java security tests**
  - Others?

## Trustmanager

- **Namespace implementation started**
- **Need to rewrite significant part**
  - Trustanchors, CRL loading
  - Cert checking routines

## CA distributions

- **Several updates**
- **EGEE distribution process streamlined**
- **Emergency removal of a CA cert within a day (60% sites updated)**
- **New fetch-crl**
  - Will be used by EGEE?

## Encrypted storage key splitting

- **Translation into C progressing**
- **Prototype with limitations**
- **presentation later**



## Delegation

- **Database and filesystem backends**
- **Interface 1.1 as last time**
- **C client consolidation planned**
- **Basic testing done, full chain operation to be tested**

## Proxyrenewal

- **Available now as a library for other users than WMS**
- **Problems with the VDT 1.3.10, missing myproxy lib flavours, 1.3.11 should fix it?**

## Pseudonymity

- **Need better use case**
- **Clarification of the requirements**
- **Need to investigate whether Shib will solve or help in this**