

MWSG 20 April 2005 Athens  
9.00-10.40

Goal : Follow up GGF Korea security meeting between EGEE, OSG and NAREGI.

On the phone: Bob Cowles, Mr. Mineo (Naregi), Dane Skow (last part of the meeting)

Audience: MWSG and Mr. Soon-Wok, Mr. Kanamori (Naregi)

Minutes: Martijn Steenbakkers (JRA3)

### 1. Presentation by Masataka Kanamori (Naregi WP5):

“The Roadmap of Naregi security services”

- Slide 1: Organization of Naregi in packaging, among others WP5: “PKI + Network”
- Slide 4: plan to implement OGSA security architecture
- Slide 5: list of security services + roadmap (feasibility study+development +deployment)
- Slide 6: authN: Naregi-CA. XKMS...?
- Slide 8: Naregi CA (actually also contains authZ assertion service) CD-package available with current implementation (planned for 2005)
- Slide 10: Naregi testbed: super SINET backbone
- Naregi grid network will first be disconnected from university grid network

Slides: see attachment.

### 2. Deciding what to discuss on today's meeting:

- Technical discussion
- Operative security discussion
- Knowledge transfer at the Athens meeting
- Next step, aiming at having a F2F meeting in GGF14, Chicago.

### 3. Discussion

- Yuri: what character set will you use for names (DNs etc.) Currently ascii.
- Olle: What is the motivation behind the use of XKMS and how to deploy? (replicated servers?):
  - Mr Mineo: Deployment: currently one server.
- Olle: how to cooperate? Especially on the operation sides. What to do before GGF in Chicago?
- David:
  1. AuthN is covered now (federation: IGTF?)
  2. authZ should be interoperable. Tryout VOMS and create a gridmapfile out of it?
  3. Counterargument by Naregi: We don't have same authN mechanism... David: will be through IGTF. Asian PMA.

- Olle: If we have a common set of trust anchors. In Europe CAs publish CRLs, does not fit with XKMS. How will Naregi deal with that? How will Naregi check the CRLs for European certificates?
- Mr Maneo (phone): Always go back to Naregi server. Now only Naregi CA supported. We will develop extended XKMS interface. Server will talk OCSP and validate certificate.
- David: Can you currently handle a plain CRL mechanism? Naregi: no.
- Olle: What else? Vulnerability analysis, intrusion detection? What have you done in this respect?
- Naregi: no direct plans. Will use SNORT.
- Yuri: Does network provider know you're building a grid. Contact with your CSIRT?
- Naregi: Currently there is no such chain. Too early, now we focus on middleware development.
- Olle: Now not an issue, because you use internal network (separated from university network).
- Olle: What do you want to learn here? authZ mechanism: VOMS?
- Naregi: Yes, because we haven't settled on an authZ mech. No VOs (yet).
- Other question: scalability?
- David: Setup a VOMS server for you and find a few sites that are willing to give some resources to it. Oscar: that's fine.
- Olle: Naregi and EGEE are quite far apart yet. We will catch up in the follow-up projects. Be sure that we are not diverging too much.
- Dave Kelsey: Would there be a common application as a driving force for interoperability? Physics experiment? Biomed? (Johan: we don't have contacts in Japan)
- Discuss about dirty details on VOMS: Oscar.
- Naregi: how does VOMS fit in the services?
- David, Olle: tied in services, common libraries for C and Java. Moving to common authZ framework.
- Naregi: How do CAS and VOMS mechanisms relate?
- David: VOMS attributes attached to identity.
- Olle: VOMS is semantics-free, sites decide what to do with attributes. CAS gives finer-grained control. Tells what user is allowed to do. Scalability issue with CAS database. More complex, but potentially more powerful.
- Logging, accounting: Potentially we have jobrepository (logging), not deployed yet.
- *Dane Skow joined after one hour.*
- David: If we have OCSP for our services, when can that be used by you (NAREGI)?
- Naregi: discuss this later. GGF Chicago.

#### 4. Knowledge transfer at the Athens meeting

Decided to have a hands-on VOMS+identity mapping (LCMAPS, Workspace Service) demo, using real NL resources (Oscar, David, Martijn (EGEE) and Kanamori, Soon-Wook (NAREGI)). This was done directly after the meeting.

