

TF-AACE

Open Activities and Final Report

4th TF-AACE Meeting
6 June 2004



Red IRIS



- To provide a forum for exchanging experiences and knowledge in the area of authentication and authorisation technologies and deployment within NRENs
 - A.1, A.2, A.3, B.4
- To encourage the deployment of a interoperable (inter-institutional) authentication and authorisation infrastructures and services in the TERENA community
 - A.4, B.1, B.2, B.3
 - Work item C
- To coordinate the TERENA communities contribution to the standardisation process through liaisons with the appropriate groups including IETF, ETSI, GGF and Internet2
 - Work items D and E

- **Several fora for exchange of information**
 - The TF-AACE workshops: Stockholm and Málaga
 - Stockholm: Exchange of status. Several projects gaining momentum
 - Málaga: Maturity of projects. Contacts with campuses and other application areas
 - The Developers workshop in Amsterdam
 - Broad agreement on architectural and protocol features
 - *Marriages*
 - A-Select/PAPI
 - PAPI/SPOCP
 - PAPI/Athens
 - Several others tried and/or initiated
- **Some well-established liaisons**
 - Internet2, non-middleware-related GN2 activities
 - Late (but fruitful) with the Grid community

- Coordination of PKI activities has been a moving target along the life of the group
 - The survey of PKI applications was not very popular
 - Although it showed that no *killer ap* was envisaged
 - Experimenting with the bridge approach was soon dropped
- PKI was perceived as:
 - Another authentication method
 - The basis for the *deus-ex-machina* in AAls/federations
- TACAR came into play
 - It perfectly fits in work-item C (PKI experiments)
 - Results are promising
 - And it provides a strong link with other communities
- The Certificate Parsing Server
 - Where is going to be applied?

- The group took advantage of the work done by some of its members for internal usage
 - Reviews in deliverable B1 (SWITCH, UNINETT,...)
 - Results have been used elsewhere
- **Obstacles in finding a common understanding of architecture**
 - Agreement on general principles
 - Components, roles and protocols still evolving
 - Signs of consensus
 - Open and (hopefully) still live effort: terminology
- **Providing support for other areas and initiatives**
 - TF-VVC and TF-EMC ToRs
 - GN2
 - eIRG

- *A reference implementation seems unfeasible*
 - No common agreement on architecture
- "P2P approach"
 - The gateway inferno
(A note for Catholics: it is more like a purgatory)
 - (Con-)federation mechanisms may be the solution
- **AA-RR**
 - The closest we can get to a RI in the current status
 - Protocol agnostic
 - Intended for:
 - Interoperability assessment
 - Knowledge gathering

- **TF-EMC**
 - A group with a wider focus
 - Sharing experiences
 - Promoting investigations/pilots when necessary
 - Accomplish expectatives of other groups
- **TACAR**
 - A simple and elegant idea that worths exploring
 - An anchor to incorporate other communities into play
- **AA-RR**
 - A tool for fulfilling the promise of interoperable AAs
 - Needs common support to succeed
- **JRA5 and GN2**
 - The natural opportunity to demonstrate all this stuff