

The Transition to EGEE and a European PMA



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EGEE overview

- ◆ **Part of the European Grid Infra (with DEISA & SEE-GRID)**
- ◆ **2 + 2 year project, of which 2 years have been approved**

- ◆ **focus:**

- **deployment of grid technology**
- **operations & production**
- ***like GEANT functioned for (IP-) networking***

- ◆ **Three areas:**

- **Specific Service Activities**
- **'Networking' Activities**
- **Joint Research Activities**

Two relevant action lines

◆ Joint Research Activity 3: Security

- The continued operation of the CA Coordination Group and affirmation of this group as the European Grid Policy Management Authority (PMA);
- The introduction of on-line validation methods for long-term credentials issued by the participating Authorities;
- Foster the creation of a GGF-related body for global trust interoperability;
- Study in the scalability issues involved in extending a de-centralized body of CA's across Europe without sacrificing local authentication capabilities - including the automation of trust evaluation;
- Knowledge transfer from the current European Grid CAs to new operational CA centres within the project.
- **June 2004 (M3): European PMA should be established (liaised with others)**
- **March 2005 (M12): policy evaluation framework established + list of trusted CAs**

◆ Specific Support Activity 1: Operations

- [...] encourage the establishment of new CAs where necessary;

PMA Charter, what can be in it?

- ◆ A specific instance of the PMA Charter proposed by the CAOPS WG
 - Process for joining/leaving the PMA
 - Mandate: defining equivalent of 'minimum requirements'
 - Specific responsibilities of the PMA and the participating CAs
 - Decision process: conflict resolution, consensus, appeal process?

- ◆ Codifying our current/desired mode of operation
- ◆ Relation, representation of relying parties, subscribers
- ◆ Define relationship of this group to EU, EGEE, +SEERID+DEISA, ...
 - does, should this PMA have a scope broader than EGEE?
 - identify boundaries w.r.t. other European bodies (like TERENA)
- ◆ Relations to all national projects

Tools for CAs

- ◆ Online cert checking mechanism (OSCP responders?)
 - should be implementable in 2004 for most CAs
 - common software needed or nice?

- ◆ CA management software
 - is there a need for a review/guide on software compatible with Minimum Requirements?
 - Configuration guide for, e.g., OpenCA?

- ◆ Repository Function
 - many equivalent repositories helps in trust establishment
 - TERENA has one
 - Anders' RPM repository
 - New location for the CA table from marianne – suggestions for a (domain) name of this group?)

Operations – SA1

- ◆ Promotion of trust and establishing CAs is also within the SA1 mandate
- ◆ to be carried out by the Operations Management Centre (OMC)
- ◆ role for the OMC: the *'catch-all'* function?

If so:

- ◆ transition from *DataGrid-fr* to be coordinated
 - expiration of existing certs
 - establishing new, separate CA

Roadmap

- ◆ February initial draft PMA Charter, decide on representation
- ◆ April next meeting, finalise charter
- ◆ May definition of PMA membership
- ◆ June PMA defined Policy & Practices Recommendation v1
- ◆ *periodic meetings for status updates and reviewing approvals*
- ◆ *software tools issue to be discussed (in 2004)*