APGrid PMA
Asia-Pacific Grid Policy Management Authority

Summary From IGTF and Future Meeting

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**Colocated with HEPiX Fall 2017
Tsukuba, Japan**

15 Oct, 2017

From Latest IGTF AHM with 41st EUGridPMA

- **International trust establishment and coordination**
  - Engaging more relying party and community members in the IGTF process, attracting more SPs and research infrastructures
  - Community of AP and RP membership
  - Contact tree for security incident support
- **Main Assets of IGTF**
  - Registration Authority Network
    - Unique and only way for researcher and collaborative efforts to have access to good quality credentials
    - Spaghetti-like possibilities
  - Collaborative assurance and the self-assessment and peer review process
  - Operational capabilities for more types of authentication technology
- **Changes and Challenges of End-user PKI in Academic Distributed Computing Arena**
- **TAGPMA: Action plan to establish and market IGTF's leadership position in AAI infrastructure, policies, standards, & practices**
- **IPv6: All CA must have an IPv6 CRL URL endpoint by March 2018**

- International trust establishment and coordination
  - Community of AP and RP membership
  - Contact tree for security incident support
- Globus Cloud and future *s:// services still need X.509 certificates for hosts and services to support TLS-based sessions
  - X.509 CA services will remain needed, even if consolidated
- Transition from X.509 credentials for user authentication to other protocols/methods
  - Replacement of trust fabric for initial identity vetting and traceability of user authentication
  - Identity Provider registrar policies and registration practice standards
- Bridge services and protocols between identity federations
- Central publisher of AAI requirements and guidance for R&E

IGTF Plan for Action?

- Need a prioritized plan to establish and market IGTF's leadership position in AAI infrastructure, policies, standards, & practices
  - Member PMAs support their region's specific interests and needs
  - Consistency of message and support among PMAs
  - "Professionalize" web presence of IGTF & PMAs
  - Add value to PMA web services for IGTF members
  - Make IGTF the central resource for expertise and standards visible to regional funding agencies

IGTF OIDC Federation Task Force

- **IGTF OIDC Federation Task Force <oidcfed@igtf.net>**
- **IGTF DECIDES to set up a task force to push OIDC Federation next to its current trust anchor distribution.**
- **This group will**
  - **Identify objectives**
  - **Scope the needs and requirements**
  - **Verify compatibility of the AP policy framework for technology-agnosticity with OpenID providers**
  - **Test the scenario with the WLCG use case (what to distribute, involving Brian Bockelman as well)**
  - **Assess the structure and needed meta-data in the trust anchor distribution, how to address RPDNC, and how it links with dynamic client registration through well-known (with caching)**
  - **Liaise with other OIDC Fed efforts and Roland Hedberg**

IPv6 Support

- **All CA must have an IPv6 capable CRL URL endpoint by March 2018**
  - **Please enable IPv6 for CRL downloads ASAP**
- **Cloudflare mechanism described by Jim Basney if free if local IPv6 is not yet available**
  - **http://indico.rnp.br/getFile.py/access?sessionId=5&resId=0&materialId=0&confId=217**
- **Ulf Tigersted on behalf of the HEPiX IPv6 working group continuously monitors IPv6 readiness of CRL distribution points at**
  - **http://cvmfs-6.ndgf.org/ipv6/overview.php**

IGTF Guidelines for Review

- **Guidelines for the Operation of Trusted Credential Stores,**
  - **https://www.eugridpma.org/guidelines/trustedstores/**
- **Assurance Profile Evaluation Matrix for Communities**
  - https://wiki.eugridpma.org/Main/AssuranceAssessment
- **Please provide your comments by 14 Nov. 2017**

Future Meetings

- **19th APGridPMA Face-to-Face Meeting: March 6th 2017**

- **IGTF AHM and 41st EUGridPMA: 25-27 Sep. 2017**

- **20th APGridPMA F2F Meeting: 15 Oct. 2017, collocated with HEPiX at KEK in 16-20 Oct. 2017**

- **REFEDS @I2TechX, 15 Oct. 2017 (SF, CA, USA)**

- **42nd EUGridPMA, Jan 2018 (Prague, CZ)**

- **21st APGridPMA F2F Meeting: together with ISGC 2018 on 19 March 2018**

- **22nd APGridPMA F2F Meeting: Call for Host**
  - **Option 1: 46th APAN Meeting, 6-10 August, 2018, Auckland (NZ)**
  - **Any other options ?**