



APGridPMA Update

Eric Yen
ASGCCA, Taiwan

39th EUGridPMA

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General Status



- **Chair and Vice Chair (2016-2018)**
 - Chair: Eric Yen (ASGCCA, Taiwan)
 - Vice Chair: Kento Aida (HPCI CA, Japan), Eisaku Sakane (HPCI CA, Japan)
- **Routine Gathering**
 - Spring: Together with ISGC in Taiwan
 - Fall: Collocated with e-Science or Networking events
 - Virtual meeting will be arranged upon request or whenever there is any issues in-between the F2F meetings
- **Self Auditing Report: Once a year for each CA**
- **Regional Catch-All CA: ASGCCA**

| CA | Country | Self Audit | #valid Cert | Remarks |
|------------------|-----------|--------------------|--------------------|---|
| AIST CA | JP | | | Withdrawn from Nov. 2013 |
| APAC CA | AU | | | Services ended in Dec 31, 2012 |
| ASGC CA | TW | Aug. 2016 | 129, 226, 8 | Regional Catch-All CA; x.509 based SSO in AS |
| AusCert | AU | | | New national certificate services of AU (+NZ, FJ, PG) |
| CNIC CA | CN | Aug. 2015 | 21 | |
| SDG CA | CN | Aug. 2015 | 2 | |
| HKU CA | CN | Aug. 2015 | 5, 17, 1 | aug. 2016 |
| HPCI CA | JP | Mar. 2016 | 255, 183 | MICS; NAREGI CA is migrated to HPCICA; SSO, aug. 2016, |
| IGCA | IN | 2013 | 134, 23 | |
| IHEP CA | CN | 2014 | 71, 65, 15 | |
| KEK CA | JP | Aug. 2015 | 147, 191 | Will support robot Cert (new CP/CPS is under review); OCSP Ready |
| KISTI CA | KR | 2014 | 18, 56 | |
| MYIFAM | MY | Aug. 2014 | 16, 45 | National Fed IdM and Fed CA actions ongoing; Eduroam, Shib |
| NCHC CA | TW | | | Withdrawn from Feb. 2015 |
| NECTEC CA | TH | March, 2014 | 4, 13 | Will be decommissioned from Jan 2017 |

Decommission plan

- » Decommissioning scheduled on Oct 30 2016
 - » All existing certificates will expire before or on that day
- » Root certificate will expire on Jan 2, 2017
 - » CA can generate the CRL until close, but, will not issue new certificates
- » New certificate request has been redirected to ASGC from April 2016
- » Main users are WLCG users from two universities
 - » Possible RAs: Dr. Norraphat Srimanobhas, Chulalongkorn University and Dr. Chinorat Kobdaj, Suranaree University of Technology

User Community Engagement



- Extending CA Services Beyond WLCG
 - HPC & Experiment Facility: HPCI, KEK (JP)
 - e-Science: Distributed Cloud Services on AMS, Bioinformatics, Earth Science, Climate Change, Disaster Mitigation, and Physics in TW; IN; CN
 - Domestic IdFed: JP, MY, TW
- Several Regional Communities Are Heading for Data Sharing with AAI: AP-BON (Biodiversity Observation Network), LTER, Soundscape, GBIF Asia, Digital Archives, Sentinel Asia, etc.
- APAN IAM (Identity & Access Management) is working with REFEDS and GEANT on Training, Dissemination, and Engagement
- CAs with valid #EEC(User) > 100: HPCI, KEK, IGCA, ASGC

From Previous Meetings (Aug. 2016)



- KEK Grid CA new CP/CPS for Robot Certificate services were approved
- IGTF Policy Guideline Endorsement/Review
 - Guidelines on Levels of Authentication Assurance and profiles
 - Private Key Protection
 - Trusted Credential Stores
 - Online CA
- CA Operation
 - MICS CA Audit Checklist: NII draft had been circulated for reviews
 - Video-vetting Model: assessment by demonstration will be discussed in future meetings (also having extensive discussion at 38th EUGridPMA meeting)
- IPv6 CRL Distribution Point hope to be available by end of 2016
- Reorganising APGridPMA Website (in progress, conducted by Eisaku san)
- Changes of CA Managers: CNIC, iHEP and MyIFAM

Requirements At Large



- RA management
- Identity federation
- Integration with Access Control
- Extensively using Grid Certificate for broader applications
- Enhance application and system security
- Will work with Identity & Access Management (IAM) working group of APAN
 - Integration with SSO and Cloud Services
 - Policy and technical issues

Future Meetings



- 18th APGridPMA Face-to-Face Meeting: August 5th, 2016
 - Collocated at APAN42, Hong Kong (University of Hong Kong)
- 19th APGridPMA Face-to-Face Meeting: March 6th 2017
- 20th APGridPMA F2F Meeting: Call for Volunteer
 - Might be collocated with 44th APAN Meeting in Beijing, China (exact date is not decided)