APGridPMA Update

Eric Yen

37th EUGridPMA
May 10th, 2016

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AIST CA	JP			Withdrawn from Nov. 2013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	March 2015	113, 247	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	3, 7	
HPCI CA	JP	Mar. 2016	293, 86, 107	MICS; NAREGI CA is migrated to HPCICA; SSO
IGCA	IN		134, 23	
IHEP CA	CN	2013	71, 65	
KEK CA	JP	Aug. 2015	152, 167	
KISTI CA	KR	2014	18, 56	
MYIFAM	MY	Aug. 2014		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NCHC CA	TW			Withdrawn from Feb. 2015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
NAREGI CA	JP			NAREGI CA 2.4, ended EEC issuance from Dec. 2014
PRAGMA-UCSD	US			Withdrawn from July 2014

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

A Driving Force for National Science and Technology Capability

Member Status: User Communities and Applications

- New WLCG partners
  - ATLAS: NTHU(TW), Hong Kong (Three Universities together as a Tier-2)
  - CMS: Malaysia, Singapore, Thailand, Vietnam
  - Alice: Korea, Thailand
- India: fast increasing #users coordinated by IGCA
- KEK: More Belle II users are expected
  - Belle II:
    - Accelerator commissioned in late 2015; Physics run starts in 2017
    - Asking for Robot Certificate
  - ATLAS, ALICE, Belle/Belle2, ILC, Lattice QCD, T2K, IceCube, MAGIC, KAGRA (Japanese gravitational wave project)
- Identity Federation Actions: adopting policy and standards from international communities
  - Regional: APAN Identity and Access Management Taskforce
    - EduRoam; Shibboleth; SAML;
    - Experiences of Eduroam and APAN Identity & Access Management
  - Federated IdP: AS/TW, AusCert/AU, NII/JP, SUFLAN/MY
- Rationalise Authentication Process
- Rebuild APGridPMA web services (Coordinated by Eisaku Sakane)
- CAs with valid #EEC(User) > 100: HPCI, KEK, IGCA, ASGC, AusCert

Future Meetings

- 18th APGridPMA Face-to-Face Meeting: August 1st, 2016
  - Collocated at APAN42, Hong Kong (University of Hong Kong)
  - Tentative Agenda (one whole-day meeting)
    - Self-Audit Report
    - Requirements from User Communities
    - Towards IOTA CA
    - Invited Speaker: APAN Identity & Access Management WG
- 19th APGridPMA Face-to-Face Meeting: March 2017

- 20th APGridPMA F2F Meeting: Call for Volunteer