



APGridPMA Update

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IGTF All Hands and 38th EUGridPMA Meeting
CERN, Geneva

September 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
<i>AIST CA</i>	<i>JP</i>			<i>Withdrawn from Nov. 2013</i>
<i>APAC CA</i>	<i>AU</i>			<i>Services ended in Dec 31, 2012</i>
<i>ASGC CA</i>	<i>TW</i>	<i>Aug. 2016</i>	<i>129, 226, 8</i>	<i>Regional Catch-All CA; x.509 based SSO in AS</i>
<i>AusCert</i>	<i>AU</i>			<i>New national certificate services of AU (+NZ, FJ, PG)</i>
<i>CNIC CA</i>	<i>CN</i>	<i>Aug. 2015</i>	<i>21</i>	
<i>SDG CA</i>	<i>CN</i>	<i>Aug. 2015</i>	<i>2</i>	
<i>HKU CA</i>	<i>CN</i>	<i>Aug. 2015</i>	<i>5, 17, 1</i>	<i>aug. 2016</i>
<i>HPCI CA</i>	<i>JP</i>	<i>Mar. 2016</i>	<i>255, 183</i>	<i>MICS; NAREGI CA is migrated to HPCICA; SSO, aug. 2016,</i>
<i>IGCA</i>	<i>IN</i>	<i>2013</i>	<i>134, 23</i>	
<i>IHEP CA</i>	<i>CN</i>	<i>2014</i>	<i>71, 65, 15</i>	
<i>KEK CA</i>	<i>JP</i>	<i>Aug. 2015</i>	<i>147, 191</i>	<i>Will support robot Cert (new CP/CPS is under review); OCSP Ready</i>
<i>KISTI CA</i>	<i>KR</i>	<i>2014</i>	<i>18, 56</i>	
<i>MYIFAM</i>	<i>MY</i>	<i>Aug. 2014</i>	<i>16, 45</i>	<i>National Fed IdM and Fed CA actions ongoing; Eduroam, Shib</i>
<i>NCHC CA</i>	<i>TW</i>			<i>Withdrawn from Feb. 2015</i>
<i>NECTEC CA</i>	<i>TH</i>	<i>March, 2014</i>	<i>4, 13</i>	<i>Will be decommissioned from Jan 2017</i>
<i>NAREGI CA</i>	<i>JP</i>			<i>NAREGI CA 2.4, ended EEC issuance from Dec. 2014</i>
<i>PRAGMA-UCSD</i>	<i>US</i>			<i>Withdrawn from July 2014</i>

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 Meeting (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
 - Video-vetting Model
- IPv6 CRL Distribution Point will be available by end of 2016
- Reorganising APGridPMA Website (in progress)
- Changes of CA Managers: CNIC, iHEP

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
 - Host of 44th APAN Meeting is not decided (Aug. 2017)