



APGridPMA Update

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43rd EUGridPMA Meeting

23 May, 2018

General Status



- **Chair and Vice Chair (2018.01-2019.12): Reelected at 20th APGridPMA F2F Meeting in Oct. 2017**
 - **Chair: Eric Yen (ASGCCA, Taiwan)**
 - **Vice Chair: 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 issue in-between F2F meetings**
- **Self Auditing Report: Once a year for each member CA**
- **Regional Catch-All CA: ASGCCA, now supporting users through local RAs in PH, TH, ID, IN, MN, LK**

CA	ccTLD	Self Audit	#valid Cert	IPv6	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Withdrawn from Nov. 2013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>Oct. 2017</i>	<i>141, 257, 8</i>	<i>Y</i>	<i>Regional Catch-All CA; x.509 based SSO in AS</i>
<i>AusCert</i>	<i>AU</i>			<i>Y</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>Mar. 2018</i>	<i>4, 25, 1</i>	<i>Y</i>	
<i>HPCI CA</i>	<i>JP</i>	<i>Mar. 2017</i>	<i>279, 87</i>	<i>Y</i>	<i>MICS; OCSP enabled; SSO</i>
<i>IGCA</i>	<i>IN</i>	<i>Mar. 2018</i>	<i>134, 23</i>		
<i>IHEP CA</i>	<i>CN</i>	<i>Oct. 2017</i>	<i>57, 47, 16</i>	<i>Y</i>	
<i>KEK CA</i>	<i>JP</i>	<i>Oct. 2017</i>	<i>167, 173</i>	<i>Y</i>	<i>Support robot Cert and OCSP is Ready</i>
<i>KISTI CA</i>	<i>KR</i>	<i>Mar. 2018</i>	<i>24, 22, 3</i>	<i>Y</i>	<i>Renewed and back to service from June 2017</i>
<i>MYIFAM</i>	<i>MY</i>	<i>Mar. 2018</i>	<i>11</i>		<i>National Fed IdM and Fed CA are 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Withdrawn from Feb. 2015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>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Withdrawn from July 2014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>

From Previous Meetings (March 2018)



- **KISTI Grid CA was back in operation since July 2017**
- **Federated Identity Management Activities Introduction in Oct. 2017**
 - FIM4R & Snctfi (EU), GakuNin (JP), KAFE (KR)
- **CA Operation**
 - MICS CA Audit Checklist: NII (HPCI CA, JP) draft is reviewed based on IGTF LoA and PKI technology
 - Remote Identity Vetting Model Review: HPCICA proposal on remote initial vetting of identity with PKI credential was approved
 - New version NAREGI-CA software has been released in late 2017
- **IPv6 CRL Distribution Point: Keep tracking**
 - IPv4 Only: CNIC, IGCA, MyIFM, SDG
- **Reorganising APGridPMA Website (in progress)**
- **Improve the monitoring and warning services of CAs**
- **CP/CPS changes: HKGridCA, IGCA**
 - GARUDAINDIA2 root key roll-over in release 1.90 (March 2018)
 - HKU Grid CA will be included in release 1.92 (May 2018)

Research & Application Support



- **Support AAI for research and e-Infrastructure**
 - Integration with local SSO
 - inclusion/federation with OIDC
 - APAN IAM: from EduRoam to eduGAIN
- **Attribute and Metadata Sharing**
 - HPCI CA
- **Use Case Collection and Study**
 - Will be included in the next APGridPMA meeting in Aug. 2018
- **User Community Engagement**
 - Experiences learned from large-scale international HEP communities: LHC, Belle, AMS, KAGRA, etc.
 - Extending to life science, astronomy, disaster mitigation, ecological/biodiversity monitoring, e-Culture, etc.
 - Will invite AU and NZ RPs to join us
- **Most APGridPMA members are interested in OIDC and AARC**

Regional Identity Federation Activities

Supported by APAN IAM



- Integration with Local FedIdM
 - Establish local FedIdM and join eduGAIN is supported by APAN
- Collection Requirements and Enhance the Practices
- Series of Webinars are arranged in June and July 2018

Economic region updates

(APAN43, 2017)

Region	Status
Australia	subscribes joining eduGAIN, developing openID Connect bridge, rolling out Hosted IdP solution
Hong Kong	identity federation production, joining eduGAIN
Singapore	joined eduGAIN, technical connection underway
China	eduroam issues (user billing, government regulations), joining eduGAIN
Indonesia	eduroam rollout starting - 3 Universities
Malaysia	some eduroam, identity federation rules being reviewed. Still needs to work on campus identity
Korea	eduroam rolling out well underway
Pakistan	Investigating federations

(APAN45, 2018)

- Afghanistan
- Bangladesh
- Bhutan
- Cambodia
- India
- Indonesia
- Japan
- Korea
- Laos
- Malaysia
- Mongolia
- Myanmar
- Nepal
- New Zealand
- Pakistan
- Philippines
- Singapore
- Sri Lanka
- Taiwan
- Thailand
- Vietnam

Future Meetings



- **22nd APGridPMA F2F Meeting:**
 - Collocate with 46th APAN Meeting, 6-10 August, 2018, Auckland (NZ)
 - RPs of AU and NZ are invited
- **Identity & Access Management Taskforce Meeting at APAN45 (26-30 March 2018) in Singapore, and APAN46 (New Zealand), APAN47 (Korea, 2019)**
 - Bring eduGAIN and eduRoam to wider audience in Asia Pacific Region
- **23rd APGridPMA F2F Meeting: together with ISGC 2019 during 31 March - 5 April 2019 in Taiwan**