APGridPMA Update

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44th EUGridPMA Meeting

26 Sep. 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
AIST CA	JP				*Withdrawn from Nov. 2013*
APAC CA	AU				**Services ended in Dec 31, 2012**
ASGC CA	TW	Aug. 2018	53, 233, 8	Y	**Regional Catch-All CA; x.509 based SSO in AS**
AusCert	AU			Y	**New national certificate services of AU (+NZ, FJ, PG)**
CNIC CA	CN	*Aug. 2015*	21		
SDG CA	CN	*Aug. 2015*	2		
HKU CA	CN	Mar. 2018	5, 26, 1	Y	
HPCI CA	JP	Mar. 2017	206, 273	Y	*MICS; OCSP enabled; SSO*
IGCA	IN	Mar. 2018	134, 23		
IHEP CA	CN	Aug. 2018	67, 41, 16	Y	
KEK CA	JP	Oct. 2017	167, 145	Y	*Support robot Cert and OCSP is Ready*
KISTI CA	KR	Mar. 2018	33, 28, 3	Y	*Renewed and back to service from June 2017*
MYIFAM	MY	Mar. 2018	11		**National Fed IdM and Fed CA are ongoing; Eduroam, Shib**
NCHC CA	TW				**Withdrawn from Feb. 2015**
NECTEC CA	TH	*March, 2014*	*4, 13*		**Decommissioned from Jan 2017**
NAREGI CA	JP				**NAREGI CA 2.4, ended EEC issuance from Dec. 2014**
PRAGMA-UCSD	US				**Withdrawn from July 2014**

From Previous Meetings (Aug 2018)

- **Federated Identity Management Activities Introduction**
  - Federated Identity Management in SIFULAN Malaysian Access Federation, Hong Kong Access Federation and NZ Federated Identity Management service (TUAKIRI) were introduced
- **CA Operation**
  - Proposal for Remote Initial Identity Vetting with PKI credential approved at 21st APGridPMA meeting in ISGC2018
  - NAREGI-CA 2018 Autumn release, version 3.2.2, has been released on 21 Sep. 2018 (version 3.2.1 was released on 25 Dec. 2017)
  - MICS CA Audit Checklist: NII (HPCI CA, JP) draft is reviewed based on IGTF LoA and PKI technology (ongoing)
  - CA Manager changed of KISTI CA and KEK CA
- **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)

From RA of New Zealand

- **Initially (~ 10 years ago, during the BeSTGRID project), we were rolling out Computational Grid with certificates issued by the Australian APAC Grid CA.**

- **When APAC (and ARCS) wrapped up, we switched to using ASGCCA certs - thank for that.**

- **From about 2014, universities subscribing to the AusCERT certificate service offering started getting their Grid Certificates also via AusCERT - so from QuoVadis.**

- **However, institutions not subscribing to AusCERT still need other avenues - so they still use ASGCCA (this was the certificate for Plant and Food Research I was requesting recently).**

- **Also, about in 2014, the computational grid was decommissioned and the only use of grid certificates is for Data Transfer Services (GridFTP, primarily via globus.org)**

- **Most of these services are operated via NeSI, where the primary host, The University of Auckland, subscribes to AusCERT, so all of NeSI services can use QuoVadis grid certs. Plant and Food Research is almost the only exception to that.**

5

Research & Application Support

- **Support AAI for research and e-Infrastructure**
  - **Integration with local SSO and move to SAML-based authN**
  - **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 future APGridPMA meeting**
  - **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.**
- **Most APGridPMA members are interested in OIDC federation and AARC**

Regional Identity Federation Activities Supported by APAN IAM

APGrid PMA
Asia-Pacific Grid Policy Management Authority

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

(APAN45, 2018)

- Afghanistan
- Bangladesh
- Bhutan
- Cambodia
- India
- Indonesia
- Japan
- Korea
- Laos
- Malaysia
- Mongolia
- Myanmar

- Nepal
- New Zealand
- Pakistan
- Philippines
- Singapore
- Sir Lanka
- Taiwan
- Thailand
- Vietnam

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	eduraom 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

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**