



# Updates of APGridPMA

**Eric Yen**

**TAGPMA 28**

**13 December 2019**

# 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)**
  - **Next Chair election will take place in next APGridPMA virtual meeting later in 2019 (planned meeting @APAN48 in Malaysia was cancelled)**
- **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 ID, IN, MN, LK, NZ, PH, TH, VN**

CA	ccTLD	Last Self Audit	#valid Cert	IPv6	Production eduGAIN SPs
<i>AIST CA</i>	<i>JP</i>				
<i>APAC CA</i>	<i>AU</i>				
<i>ASGC CA</i>	<i>TW</i>	<i>Mar. 2018</i>	<i>165, 286, 14</i>	<i>Y</i>	
<i>AusCert</i>	<i>AU</i>			<i>Y</i>	<i>AAF</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>April 2019</i>	<i>3, 26, 1</i>	<i>Y</i>	<i>HKAF/JUCC</i>
<i>HPCI CA</i>	<i>JP</i>	<i>April 2019</i>	<i>227, 273</i>	<i>Y</i>	<i>GakuNin/NII</i>
<i>IGCA</i>	<i>IN</i>	<i>Mar. 2018</i>	<i>134, 23</i>		<i>INFED/INFLIBNET</i>
<i>IHEP CA</i>	<i>CN</i>	<i>April 2019</i>	<i>67, 41, 16</i>	<i>Y</i>	
<i>KEK CA</i>	<i>JP</i>	<i>April 2019</i>	<i>167, 145</i>	<i>Y</i>	
<i>KISTI CA</i>	<i>KR</i>	<i>Mar. 2018</i>	<i>33, 28, 3</i>	<i>Y</i>	<i>KAFE/KISTI</i>
<i>MYIFAM</i>	<i>MY</i>	<i>April 2019</i>	<i>5</i>	<i>Y</i>	<i>SIFULAN/SIFULAN</i>
<i>NCHC CA</i>	<i>TW</i>				
<i>NECTEC CA</i>	<i>TH</i>	<i>March, 2014</i>	<i>4, 13</i>		
<i>NAREGI CA</i>	<i>JP</i>				
<i>PRAGMA-UCSD</i>	<i>US</i>				

# From IGTf Communication Challenge

- **Yihua Zheng @cstnet.cn is the new CA manager of CNIC CA and SDG CA hosting by Chinese Academy of Sciences**
- **Yihua also responded to the IGTf communication challenge in late Oct. 2019**

# Research & Application Support



- **Flexible authentication and cross-institute AAI**
  - Integration with local SSO (SAML, X.509, OpenID, Username/password, etc) and move towards token-based authZ
- **Regional activities**
  - APAN IAM: 9 production eduGAIN federations in operation in Asia
  - Attribute and Metadata Sharing/Aggregation: HPCI CA
  - Sharing of experiences from deployment, integration and case study
    - Will be included in the future APGridPMA meetings
    - Based on requirements and workflow of user communities
    - Experiences learned from large-scale international HEP and astronomy communities: LHC, Belle, AMS, KAGRA, etc.
    - Extending to regional collaborations on multiple disciplines, such as life science, astronomy, disaster mitigation, ecological/biodiversity monitoring, e-Culture, etc.
- **Policy framework and architecture guideline: IGTF, FIM4R, AARC, WISE, Sirtfi, Snctfi, ...**
- **Issues (partly)**
  - User attributes and group information translation between service providers
    - Infrastructure for multiple VOs; federation of multiple single-VO infrastructure;
    - Credential delegation from local SP to the cloud/e-infrastructure
    - Procedures to allow users to increase the LoA
  - Becoming an SP of new AAI with enabled access of SAML/eduGAIN ..., and the attribute sharing mechanism
  - What are the missing software tools

# Future Meetings



- **TAGPMA28 @Internet2 TechEx 2019: 9-12 Dec. 2019 New Orleans, LA, USA**
- **EUGridPMA 48: January 2020**
- **25<sup>th</sup> APGridPMA: 8 March 2020, Academia Sinica, Taiwan, collocated with ISGC2020**
  - **Security Workshop: 9 March 2020**
- **HEPiX Spring 2020: 2-6 March, Academia Sinica, Taiwan**