



# Update of APGridPMA

**Eric Yen**  
**On behalf of APGridPMA**

**58th EUGridPMA**

**22 May 2023**

# General Status



- **Chair and Vice Chair (2022.01-2023.12)**
  - Chair: Eric Yen (ASGCCA, Taiwan)
  - Vice Chair: Eisaku Sakane (HPCI CA, Japan)
- **Routine Gathering**
  - Spring: usually held together with ISGC in Taiwan
  - Fall: Collocated with e-Science or APAN routine 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, MY, NZ, PH, TH, TW, VN**

CA	ccTLD	Last Self Audit	#valid Cert	IPv6	Prod. eduGAIN SP	Main User Community
<i>AIST CA</i>	<i>JP</i>					
<i>APAC CA</i>	<i>AU</i>					
<i>ASGC CA</i>	<i>TW</i>	<i>Mar. 2023</i>	<i>110, 186</i>	<i>Y</i>		<i>ATLAS, CMS, GW, e-Science</i>
<i>AusCert</i>	<i>AU</i>			<i>Y</i>	<i>AAF</i>	<i>ATLAS, Belle II</i>
<i>CNIC CA</i>	<i>CN</i>	<i>Aug. 2015</i>	<i>1</i>		CARSI (480+ entities)	
<i>SDG CA</i>	<i>CN</i>	<i>Aug. 2015</i>	<i>0</i>			
<i>HKU CA</i>	<i>CN</i>	<i>Mar. 2023</i>	<i>3, 46</i>	<i>Y</i>	<i>HKAF/JUCC</i>	<i>ATLAS</i>
<i>HPCI CA</i>	<i>JP</i>	<i>Mar. 2023</i>	<i>206, 109/264</i>	<i>Y</i>	<i>GakuNin/NII</i>	<i>HPC</i>
<i>IGCA</i>	<i>IN</i>	<i>Mar. 2018</i>	<i>44, 16</i>		<i>INFED/INFLIBNET</i>	<i>CMS</i>
<i>IHEP CA</i>	<i>CN</i>	<i>Mar. 2021</i>	<i>100, 70</i>	<i>Y</i>	CARSI (480+ entities)	<i>WLCG, Belle II, BES III, CEPC, JUNO</i>
<i>KEK CA</i>	<i>JP</i>	<i>Mar. 2022</i>	<i>150, 180</i>	<i>Y</i>	<i>GakuNin/NII</i>	<i>Belle II, ATLAS,ALICE, ILC, Muon g2</i>
<i>KISTI CA</i>	<i>KR</i>	<i>Mar. 2022</i>	<i>31, 37</i>	<i>N</i>	<i>KAFE/KISTI</i>	<i>ALICE</i>
<i>MYIFAM</i>	<i>MY</i>	<i>Mar. 2021</i>	<i>0, 2</i>	<i>Y</i>	<i>SIFULAN/SIFULAN</i>	<i>Decommissioned in 2021</i>
<i>NCHC CA</i>	<i>TW</i>					
<i>NECTEC CA</i>	<i>TH</i>					
<i>NAREGI CA</i>	<i>JP</i>					
<i>PRAGMA-UCSD</i>	<i>US</i>					

# From Previous APGridPMA Meeting in March 2023

- **Self-signed SHA-1 Root Certificate issues of many CAs: ASGCCA, KEKCA, IHEPCA - would be renewed by end of 2023**
- **KEK CA has been providing CA services for Belle II users in AU since 2022**
- **Moving towards new AAI according to user communities or resource federation infrastructure**
  - HPCI Japan: developing Gakunin federation based on OAuth-SSH, KeyCloak, OIDC agent and proxy hub
  - ASGCCA, KEKCA: deploying token-based AAI model (INDIGO-IAM) for broader user communities
  - SIFULAN Malaysian Access Federation offers IdP-as-a-Service to country-wide user communities
- **Leverage Regional Identity & Access Management Collaborations for federation services of research communities (FIM4R)**
  - Identity & Access Management (IAM) WG @APAN - Support SAML2/ federated authN services buildup & conversion based on eduGain (REFED) collaborations

# Future Meetings

- **31<sup>st</sup> APGridPMA Meeting: might be a virtual one**
  - Plan to be scheduled in mid June
  - Discussion of CP/CPS review - eMudhra
  - Other topics
    - Chair election is also arranged in this meeting
    - CA Self-Audit report
    - Review of those issues from self-audit reports in 30th APGridPMA (March 2023)
  - Meeting at APAN56 (21-25 Aug 2023) in Sri Lanka is also possible if most members agree
- **Meetings in 2024 will be managed by the new chair**