

Update of APGridPMA

TAGPMA Meeting

6 May, 2013

- Chair and Vice Chair elected in March Meeting (Mar 2013):
 - Chair: Eric Yen (ASGCCA), Vice Chair: Yoshio Tanaka (AIST CA)
- Routine Gathering
 - Spring: Collocated with ISGC in ASGC, Taiwan
 - Fall: hosted with related events (eg, PRAGMA), otherwise video conference is held instead
 - By request: whenever there is any special issue
- Self-Auditing: every CA has to have self-audit report once every year
- Regional Catch-All CA: ASGCCA
- Due to limited human resources, most CAs invest more time on the operation technology than the policy

● 15 Accredited CAs

- ▶ AIST (JP)
- ▶ ARCS (AU)
- ▶ ASGC (TW)
- ▶ CNIC (CN), SDG
- ▶ HKU (HK)
- ▶ IGCA (IN)
- ▶ IHEP (CN)
- ▶ KEK (JP)
- ▶ KISTI (KR)
- ▶ MYIFAM (MY)
- ▶ NAREGI (JP)
- ▶ NCHC (TW)
- ▶ NECTEC (TH)
- ▶ PRAGMA-UCSD (US)

- Mongolia - MAS takes over and re-starts the accreditation (pending now)

● Coverage by RAs

- ▶ Philippine, Vietnam, Indonesia, New Zealand
- Australia ARCS Grid CA is looking for new service provider.
- New Zealand is supported by ASGCCA and is going to setup CA soon.

CA: 10 Countries/Regions
RA: + 4 Countries

● Australia

- Australian Access Federation Inc. takes over the responsibility, aiming for a national authentication services (AusCert) operational in 2014
- Re-tendering for commercial certificate services
- After June 2012, the APAC CA only maintains the CRL
- From Jan 2013, the CA services are supported as RAs of ASGCCA. Currently, 27 RAs had been migrated and running.

● Japan

- HPCI (High Performance Computing Infrastructure) CA is operational since Sep. 2012. Will be IGTF CA in 2013.
- AIST CA is converging to HPCI CA. Planned to be decommissioned after Jan. 2014 and only minimal services are maintained in 2013.

- New Zealand: All RAs have been transferred to ASGCCA in 2012.

SHA-2 Migration Plan & Status

- All CA will have SHA-2 capability after March 2013
 - SHA-2 EECs could be issued on request for most the Cas
 - Some sites are behind the schedule and would be ready (able to issue SHA-2 EEC on request) after June 2013.
- CAs may publish SHA-2 CRLs at separate distribution end point
 - Only SHA-2 CRL is allowed from 1 Sep. 2014.
- No SHA-1 end entity certificate will be issued after September 2013
 - Might depend on application software and hardware
- Once SHA-1 is broken, the SHA-1 EECs should be revoked after March 2013.
- Status of middleware and application readiness (VOs) should be updated and shared

- Participants:

- EUGridPMA/IGTF, CESNET CA, CNIC(CN), NAREGI(JP), IGCA(IN), IHEP(CN), KEK(JP), HKUGridCA (HK), MyFAM(MY), KISTI(KR), and ASGC(TW)

- SHA-2

- Migration plan of IGTF and status of other PMAs were introduced.

- IGTF policy updates

- Japan: HPCI and HPCI CA Status presented

- IHEP: problem of emailAddr RDN element in CA issuer name is not cleared

- Still striving against OpenCA issue, and hope to catch up the next release in late May

Next APGridPMA Meeting in 2013

- **Next F2F Meeting: Hosted by CNIC in October 2013**
 - Collocated with PRAGMA Workshop in Beijing, 16-18 Oct. 2013