Identity and Access Management in Asia

From the perspective of the APAN Task Force & iFIRE project

Brook Schofield | Tuesday, 23 March 2021
Who are we?
Now we are virtual...
Federations

New Federations

- Bangladesh
  - TIGERFed (Trust, Identity, Group management for Education and Research)
  - Joining eduGAIN

- Thailand
  - New Federation created - ThaiIDF
  - Planning to join eduGAIN

- Nepal
  - Running for some time, hidden within Nepal
  - Policy development and marketing

- Afghanistan
  - Starting the development of a pilot federation

- Mongolia, Bhutan, Myanmar, Vietnam
  - Developing understanding and considering

Existing Federations

- Indonesia
  - Growing the federation - Not yet a member of eduGAIN

- Sri Lanka
  - Large federation looking for services + cloud hosting IdPs

- Malaysia
  - Working with Universities do Identity management, connect to the federation, improve user experience. Lots of work with containerization solutions.

- Pakistan
  - Growing their federation. Investigating containerization.

- India
  - Growing the federations

- Hong Kong
  - Growing the federation

- New Zealand
  - Introduced eduVPN

- Australia
  - Looking for more opportunities to expand and grow
  - ORCID Consortium lead
  - Verification service (verifID)
Progress so far...

**BACKFIRE (2018-2019)**

1. Japan* / GakuNin - joined as part of the original members.
2. Australia* / AAF - joined as part of the original members.
3. New Zealand* / Tuakiri - not yet a participant
4. Korea* / KAFE - 46th eduGAIN member
5. India* / INFED - 48th eduGAIN member
6. Singapore* / SGAF - 49th eduGAIN member
7. Hong Kong* / HKAF - 54th eduGAIN member
8. Malaysia* / SIFULAN - 57th eduGAIN member
9. Pakistan* / PKIFed - 63rd eduGAIN member
10. Sri Lanka* / LIAF - 65th eduGAIN member
11. China* / CARSI - 67th eduGAIN member

**iFIRE (2020-2021)**

2. Bangladesh* / TIGERfed - joining now.
3. Thailand - has a federation
4. Nepal - has a federation
5. Afghanistan
6. Bhutan
7. Cambodia
8. Laos
9. Mongolia
10. Myanmar
11. Philippines*
12. Vietnam*
Blockers and Next steps

Blockers
- Lack of killer apps
- Lack of Resources
  - Trained staff
  - Server hardware
- Lack of understanding of the benefits of federations and how federations work...

Next steps
- Identifying Killer Apps
- Containerisation
  - Faster deployments
  - Scalability
  - Reproducible
- Tools for Universities
  - Hosted IdPs

Continue to work with federations, helping them to develop and grow and share as a community...
How to get involved...

- Make contact
  - Subscribe to the mailing list tf-iam@apan.net
  - Join #tf-iam on eduGAIN Slack http://edugain.org/slack
  - Contact the iFIRE team ifire-aaf@aaf.edu.au

- Ask for Federated Services from your Campus IT & NREN

- Build & Convert Services to SAML2/Federated Authentication

- Attend a TF-IAM “Meetup” https://forms.gle/eQ8s3tSxnCHoHc2Y9

...or just email brook.schofield@gmail.com