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?

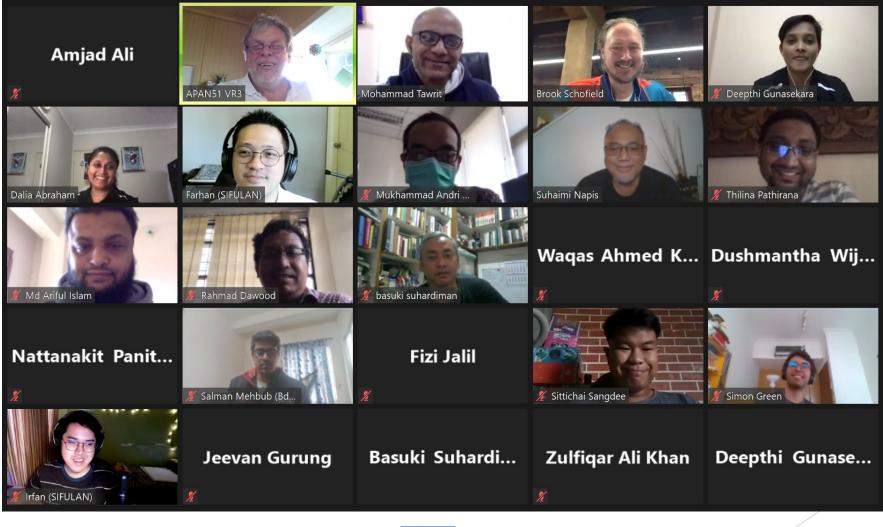# Now we are virtual…

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 - Net 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)

1. China* / CSTCloud - joined in May 2020.
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