



AUSTRALIAN
ACCESS FEDERATION
AAF.EDU.AU

Australian Access Federation REFEDS Update 2021

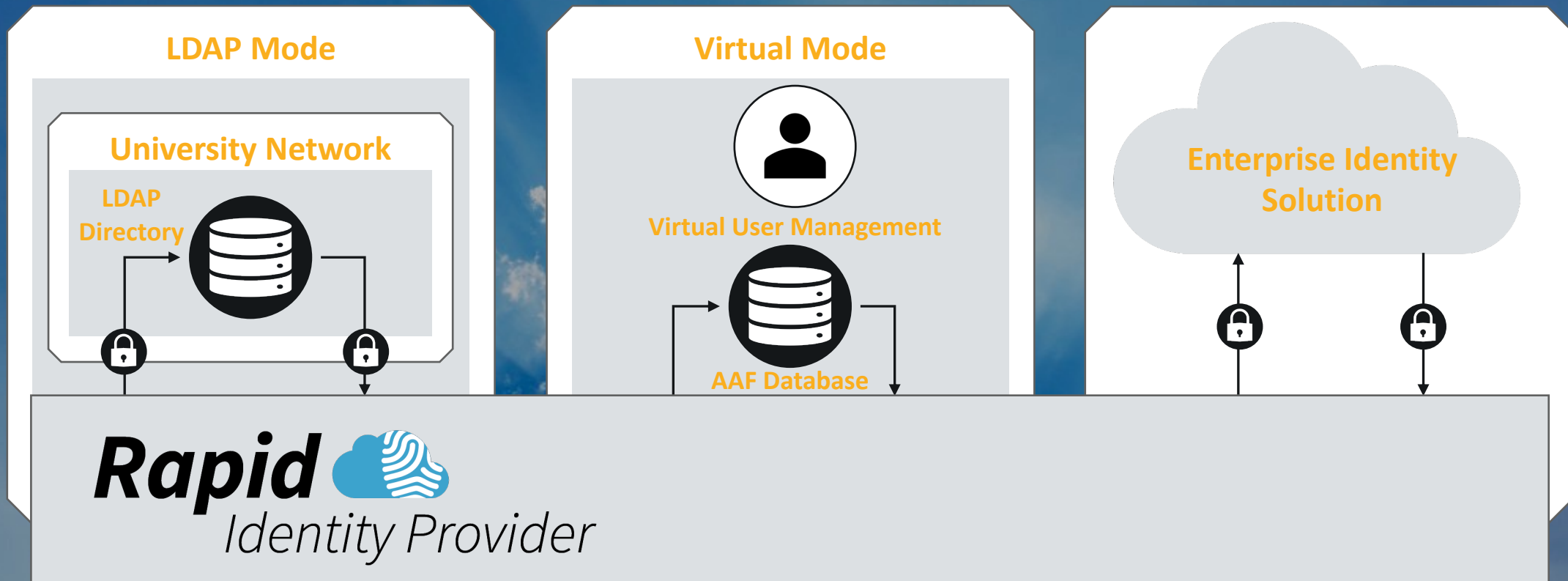
Rapid

Identity Provider

Platform Architecture



okta



Key features

- Designed for high availability
 - Cattle not pets
 - Automatic certificate generation and renewal
 - Deployment review system stops broken configuration
 - Auto-scales to meet demand
 - Load balanced across multiple availability zones
- Security
 - Dedicated VMs for each customer
 - Leverages AWS capabilities — WAF, DDoS protection, etc
 - Regular 3rd party penetration testing
- Zero downtime migration / rollback (blue green deployment)
- Attractive WCAG 2.1 compliant UI branding in under 5 minutes

Rapid 
Identity Provider

**NOW
SUPPORTING**

okta



Azure Active Directory



TNC Session:

Running a cloud identity provider platform —
technology is the easy part

- Wednesday 23 June
- 10:00 (CEST)
- Presentation Room D

Affiliation
verification
service

Proven
technical and
commercial
model

3 MILLION
verifications

Federations
should
implement an
affiliation
verification
service

TNC Session:

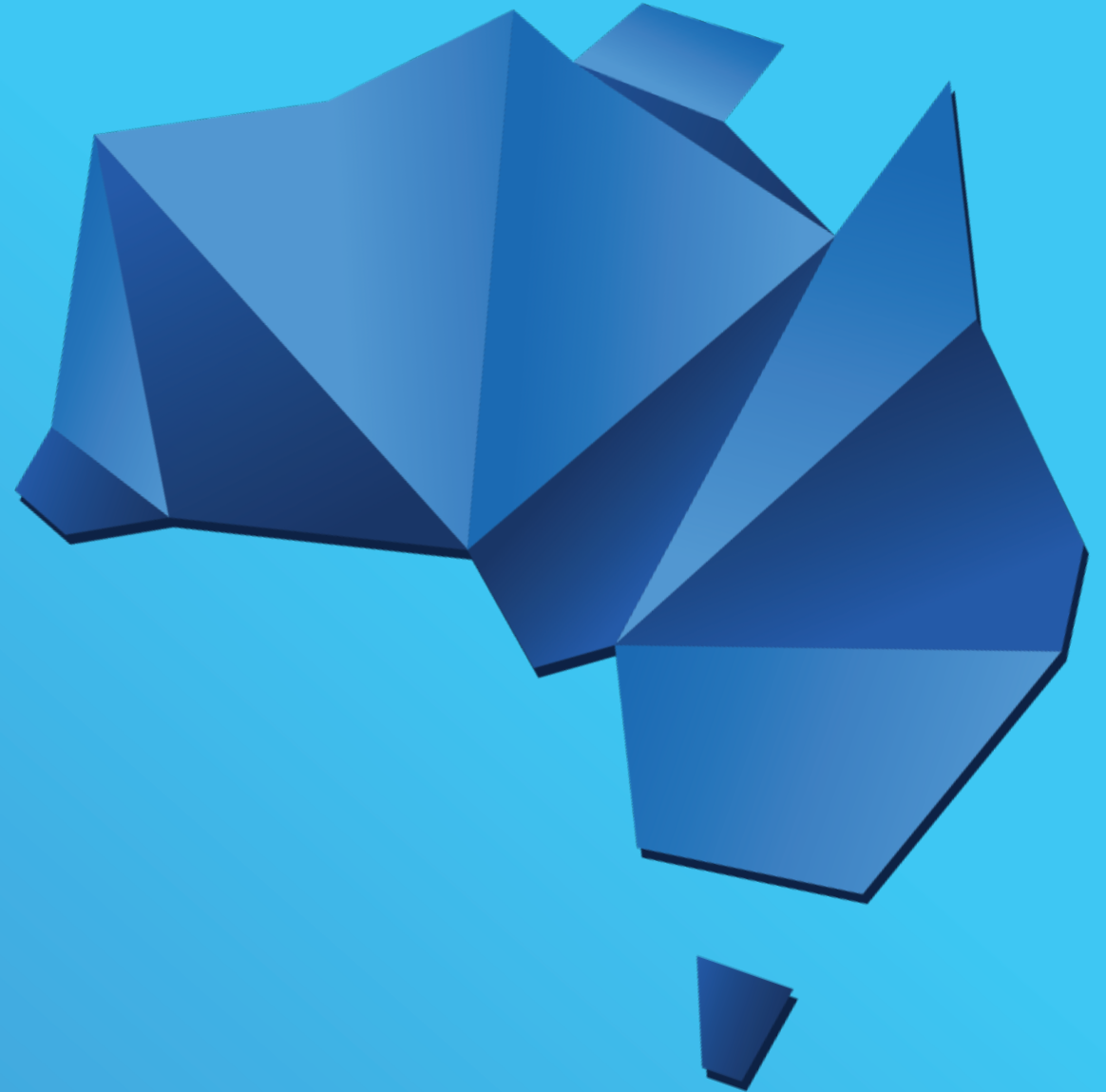
Experiments in federation sustainability (Jisc & AAF)

- Wednesday 23 June
- 11:40 am (CEST)
- Demonstration Track

Community Engagement

National

- Identity & Access Management Community of Practice
- Australian Higher Education Cybersecurity Service (AHECS)
- ORCID Consortium Lead



Community Engagement

International

- REFEDS Steering Committee
- Schema Board
- eduGAIN Steering Committee
- eduGAIN Security Working Group
- iFIRE Project Lead
- APAN Identity & Access Management Taskforce

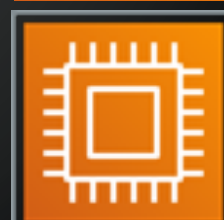
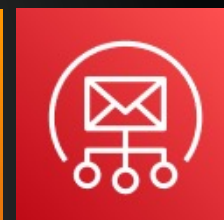
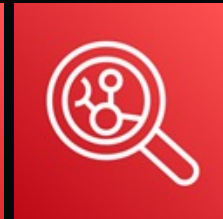
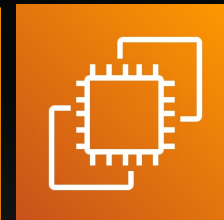
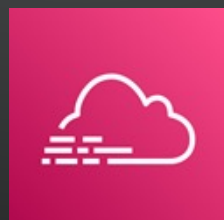
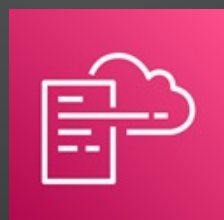
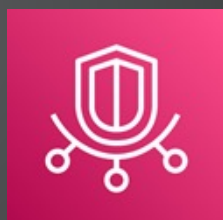
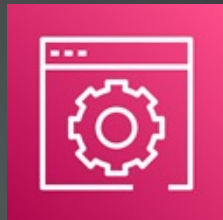
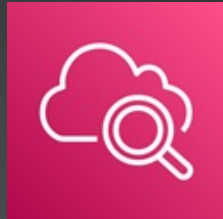
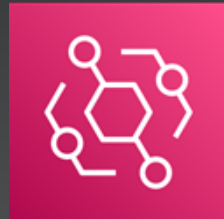
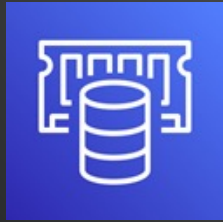
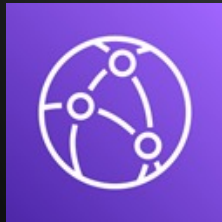
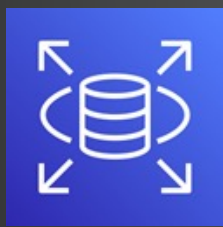
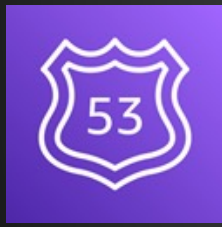
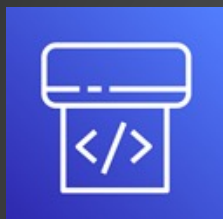
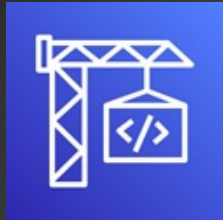


Operational Improvements

An aerial photograph of a large-scale construction project. The central focus is a large, rectangular building under construction, with its roof and internal structure visible. Several tall yellow tower cranes are positioned around the site, with one prominent crane on the right side. The construction area is surrounded by a mix of greenery, including trees and grass, and a paved road or highway runs along the top right edge. In the bottom left corner, there are some white storage containers or trailers. The overall scene depicts a busy and active construction environment.

- Business Continuity Planning (BCP)
- Information Security Management System (ISMS)
- Canary
- Rebuild core tooling

AWS



ORCID



eduPersonOrcid
attribute

ORCID Member
Portal release

Research graph illustrating collaboration between countries on COVID-19 research

Projects

Australian BioCommons

- Community AAI pilot
- Human Genome Informatics Initiative (cancer research dataset sharing)

Coordinated Access for Data, Researchers and Environments (CADRE)

- Research data platform (5 Safes framework)
- Improve identity assurance and authentication

Find out more: <https://ardc.edu.au/project/coordinated-access-for-data-researchers-and-environments-cadre/>

Challenges

- Labour supply
 - Tech Team plundered by recruiters
 - Major recruiting challenges
 - Long onramp time
- Space for strategic reflection

