A R D C
Australian Research Data Commons

Federated access to sensitive data

Exploring higher levels of assurance (including multi-factor authentication)

The project set out to understand the requirements for access to sensitive data and how those requirements might be addressed in a federated environment.

The specific questions the project explored were:

1. What specific requirements exist when authenticating researchers for access to sensitive data?
2. How has multi-factor authentication (MFA) been deployed in international contexts? How widely is it used? What is working well? What are the issues?
3. What policies and processes must accompany technology implementations?
4. How well positioned are organisations in Australia's research and education environment (the AAF, institutions and service providers) with respect to policy, process and technology to enable access to sensitive data?

Start date

23 July 2019

Expected completion date

21 October 2019

Investment by ARDC

$50,000

Co-investment partners

Australian Access Federation

AARNet

University of Sydney

Deakin University

Lead node

AUSTRALIAN ACCESS FEDERATION

1. Report

Exploring options for access to sensitive data sets; what authentication technologies (e.g. multi-factor authentication) are needed to access sensitive data and secure compute environments.

2. Poster

Showcasing the project work and outcomes.

3. Presentation

Ignite style talk at the Storage and Infrastructure Summit drawing together lessons learned from the project.

Core features

Community support and involvement

A strong sense of community support and involvement in developing answers to some of the more difficult questions our sector faces.

Ignite ideas and discussions

Enabling diverse stakeholders to engage in discussions and sharing of ideas to shape a research data commons for our nation.

Who is this project for?

Infrastructure providers

What does this project enable?

Projects in this area will contribute to determining what vision, governance structure and implementation program are necessary to create an Australian research data commons.

Handy resources

- [Final Report](#)
- [Presentation](#)
- [Poster](#)

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