Sensitive data and information standards – shared territory with rich rewards

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Sharing the challenges of mediating and managing sensitive data access requests reinforces the value of new collaborations across sector boundaries centred around governance, information standards and data management – and – embracing complexity. The Coordinated Access for Data, Research and Environments (CADRE) platform project is developing an operational model that addresses a common problem.

The CADRE team are developing a conceptual framework for efficiently and reliably connecting the elements of the Five Safes principles that leverages established protocols for exchanging attribute data between users, service providers, and identity sources (based on the Australian Access Federation and augmented scholarly information from the Research Graph Foundation).

Convergence around the translation of the Five Safes principles captured as a conceptual framework and information model (underpinning the information exchange) came easily.  Treating “research” as an ecosystem with shared – and – divergent processes and different tolerances for risk assessment and decision-making is shaping the information exchange design.  The design includes:

– Dashboard and alerts – assistance around access and provisioning (decision-support system)

– Better pipelines across the system – augmentation of data (better information)

– Visibility and traceability of the outputs (footprint) – public scholarly information

Stakeholder involvement in CADRE project is complex, with ten participating partner organisations.  Partners participate in the Content and Technical Working Groups throughout and the information design tested and reviewed as each Safe Setting is piloted.  Pooling requirements for decision-support and risk assessment revealed early the value of working with complexity and a need for flexibility in architectural approach.

Biography:

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