

Token Based Identity Management for STFC IRIS (Remote Presentation)

The IRIS IAM serves the UK IRIS (eInfrastructure for Research and Innovation at STFC) Community. IRIS is a collaboration developed by STFC and partner infrastructure providers in order to integrate and augment the provision of computing capabilities made available to STFC's Science Activities, the national facilities such as ISIS and CLF, and partners such as the Diamond Light Source and the Culham Centre for Fusion Energy (CCFE).

STFC has been working on the development of token based authentication and authorisation infrastructure for a number of years, primarily through the operation of the IRIS IAM platform, and implementation of the INDIGO IAM application.

The IRIS IAM follows the AARC Blueprint Architecture, and operates as an identity proxy – or “middlething”. IRIS IAM provides a central user management service to the community, allowing users to register for IRIS identities using their home institutions and also provides service and client managers with a central location to manage authorisation attributes through group management tools.

This session will provide an overview of the current implementation and status of the IRIS IAM and its underpinning software, Indigo IAM. Forward plans for the service will also be presented, including ongoing High-Availability work to transition the service to be geographically distributed between IRIS sites.

Primary author: DACK, Thomas (STFC - UKRI)

Presenter: DACK, Thomas (STFC - UKRI)

Session Classification: Network, Security, Infrastructure & Operations

Track Classification: Track 7: Network, Security, Infrastructure & Operations