


What is IRIS IAM?


- IAM (Identity and Access Management Service) provides an Authentication and Authorization Infrastructure (AAI) solution to IRIS.
- The IAM acts as a proxy service, allowing IRIS collaborators to access other IRIS services.
 - SCD Cloud
 - IRIS Indico
 - SAFE for Dirac
 - FTS & Rucio
 - Many more...



Welcome to **IRIS IAM**

Sign in with your IRIS IAM credentials

	<input type="text" value="Username"/>
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	<input type="password" value="Password"/>
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[Sign in](#)

[Forgot your password?](#)

Or sign in with

[SAFE for DIRAC services](#)

[EGI Check-in \(Demo Env\)](#) 

Your Organisation via  **eduGAIN**

Not a member?

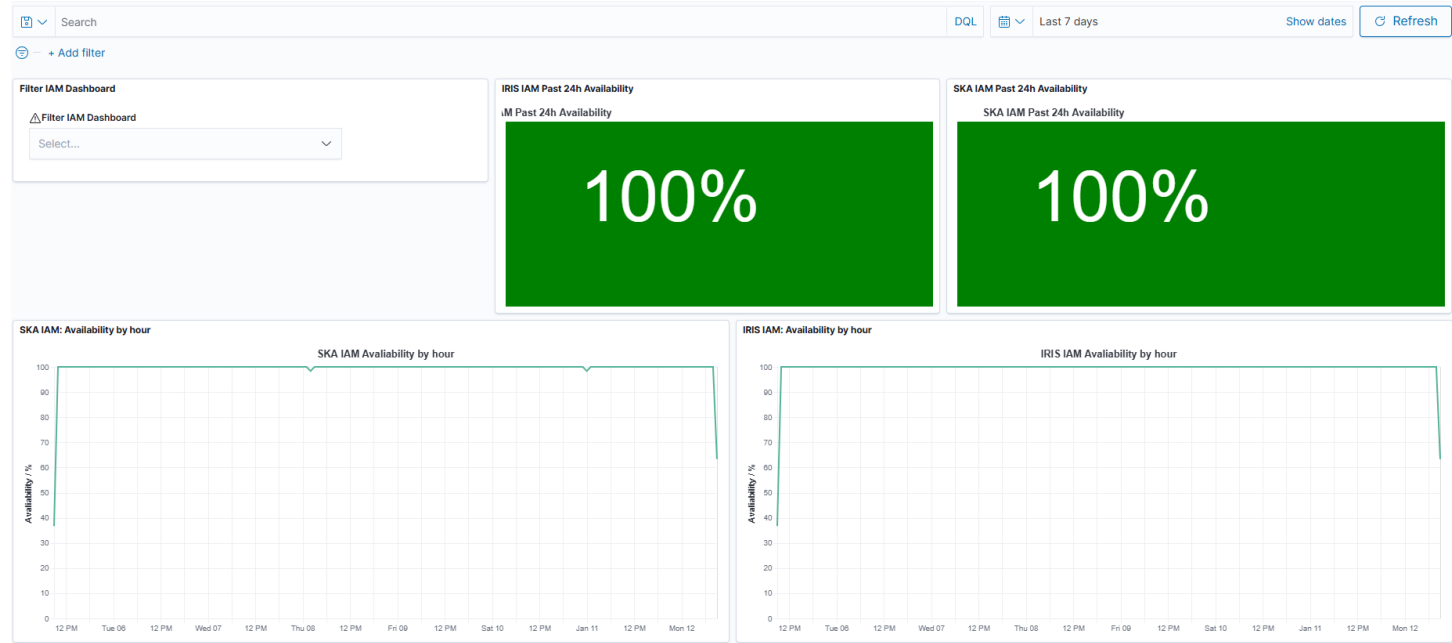
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Delivering a Successful Service

- **Numbers (05 Jan 2026):**
 - **865** Unique account
 - **359** Active clients
 - **~50** Access token at working hour
- Simple integration for most UK-Fed participants
- High average availability



How IRIS impacted IRIS IAM

- **Operational excellence:**

- IAM forms the integral part of core IRIS AAI architecture
 - Having an IAM account defines who is an “IRIS User”
- Support for incorporation of professional service management e.g.
 - First IRIS service negotiated and guaranteed by an SLA

- **Serving diverse communities:**

- UK wide IRIS federation gives the IRIS IAM opportunity for exposure to diverse set of service, software, and users
 - Broad definition of IRIS users, such as DiRAC
- Gained significant expertise providing AAI services to other community
- Experience within the team has been utilised to support and drive identity solutions for SKA SRCNet

Impact of IRIS IAM

- **Unified Access Across Services:**

- Enables seamless authentication via home institution account for IRIS resources such as STFC Cloud, LSST Rucio, and Opensearch/Grafana etc. reducing login complexity.
- Providing less friction for getting access to resources such as DiRAC-training.

- **Improved Security Posture and security excellence:**

- Multi-Factor Authentication (MFA) and continuous monitoring safeguard sensitive data and research resources.

Impact of IRIS IAM

- **Designed for academic communities:**
 - More suitable for IRIS usecases
 - eduGAIN, MFA,OIDC federation
- **Operational Reliability:**
 - Enhanced service availability and SLA-backed management ensure minimal downtime for critical scientific work.
- **Auditing:**
 - Coordinate user tracing with upstream UK Federation members. Regular auditing for user activities on the IRIS IAM service, ensuring a safe and secure infrastructure.

Future of IRIS IAM

- On going:
 - High availability setup
 - Reduce single point of failure
 - Scale up
 - Stateful vs. stateless approach
 - VPN connection between node
 - [NetBird - Open Source Zero Trust Networking](#)
- Integration with Certification Authority
- Contact us:
 - <https://stfc.atlassian.net/servicedesk/customer/portal/31>
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