



# 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

 Username Password

**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?

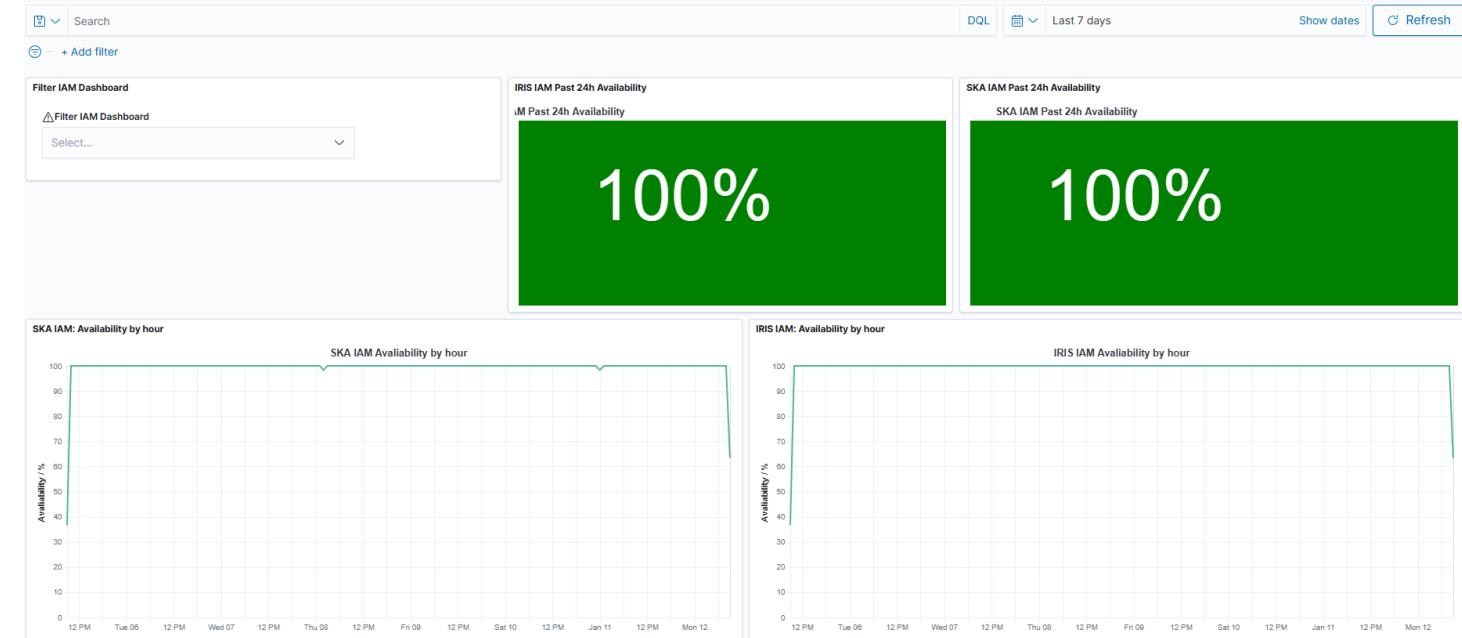
**Apply for an account**

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[Documentation Site \(About Us, AUP, Privacy Notice\)](#)

# 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>
  - [iris-iam-support@gridpp.rl.ac.uk](mailto:iris-iam-support@gridpp.rl.ac.uk)