Assurance Home

This space is for the work carried out by REFEDS to support identity and authentication assurance.

The REFEDS Assurance working group has designed the **REFEDS Assurance Suite** to satisfy the needs of R&E federations for a common, lightweight set of assurance specifications. The Assurance Suite comprises the **REFEDS Assurance Framework (REFEDS RAF)** which defines requirements for *identity assurance* and the two specifications **REFEDS Single Factor Authentication Profile (REFEDS SFA)** and **REFEDS Multi Factor Authentication Profile (REFEDS MFA)** for *authentication assurance*. REFEDS RAF and SFA are in effect since 2018, the MFA profile since 2017. The Assurance Suite is registered at IANA since 2019. New versions of RAF and MFA was release autumn 2023.

RAF is designed in such a way allowing the components (i.e. identifier uniqueness, identity proofing, attribute freshness) to be individually assertable. However, RAF also provides two assurance profiles: **RAF Cappuccino** which is for moderate use cases and **RAF Espresso** for high-risk use cases.

Below you can find the links to the corresponding specifications but also to FAQs and supporting materials:

- **REFEDS Assurance Framework** (for identifier uniqueness, identity proofing, attribute freshness)
  - REFEDS Assurance Framework v2.0
  - FAQ/Supporting Materials: RAF (identity assurance)
- **REFEDS Authentication Profiles** (for identity authentication)
  - REFEDS MFA Profile v1.2
  - REFEDS SFA Profile v1.0
  - FAQ/Supporting Materials: SFA/MFA (authentication assurance)
- The Assurance framework and profiles are developed and maintained in the Assurance working group

Recent space activity



Pål Axelsson
Assurance Home updated Mar 22, 2024 view change
REFEDS Assurance Framework ver 1.0 updated Feb 02, 2024 view change

Pål Axelsson
REFEDS Assurance Framework ver 1.0 updated Jan 22, 2024 view change
FAQ/Supporting Materials: RAF (identity assurance) updated Dec 20, 2023 view change
Assurance Home updated Dec 20, 2023 view change

Space contributors

- Pål Axelsson (6 days ago)
- Pål Axelsson (66 days ago)
- Kyle Lewis (112 days ago)
- Nicole Harris (561 days ago)
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