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 support 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 released in 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

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<td>REFEDS Assurance Framework ver 1.0</td>
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Space contributors

- Pål Axelsson (49 days ago)
- Pål Axelsson (109 days ago)
- Kyle Lewis (155 days ago)
- Nicole Harris (603 days ago)
- Fredrik Domeij (951 days ago)
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