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.

We also expect to have logos per specification, soon.

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

This space is also the home of REFEDS Baseline Expectations Working Group for federations, IdPs and SPs. Baseline Expectations are developed in the Baseline Expectations working group

Recent space activity

- Pål Axelsson
  FAQ/Supporting Materials: RAF (identity assurance) updated Dec 20, 2023 view change
  Assurance Home updated Dec 20, 2023 view change

- Kyle Lewis
  Assurance Home updated Dec 07, 2023 view change

- John Bradley
  How to request authentication contexts commented Dec 13, 2022

Space contributors

- Pål Axelsson (3 days ago)
- Kyle Lewis (15 days ago)
- Nicole Harris (464 days ago)
- Fredrik Domeij (811 days ago)
- Albert Wu (812 days ago)
- ...

Nicole Harris
REFEDS Assurance Framework ver 1.0 updated Sep 15, 2022 view change