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.

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 FAQ/Supporting Materials: RAF (identity assurance)
- REFEDS Authentication Profiles (for identity authentication)
  - REFEDS MFA Profile
  - REFEDS SFA Profile
  - FAQ/Supporting Materials: SFA/MFA (authentication assurance)
- Webinar on REFEDS Assurance Suite 13 December 2018 (stream, slides)
- 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

Scott Cantor
Supporting Material SFA/MFA updated Aug 24, 2021
How to request authentication contexts commented Aug 24, 2021

Nicole Harris
REFEDS Assurance Framework ver 1.0 updated Jul 19, 2021

Jule Ziegler
MFA Profile FAQ created May 27, 2021

Space contributors

- Scott Cantor (21 days ago)
- Nicole Harris (58 days ago)
- Jule Ziegler (111 days ago)
- Maarten Kremers (611 days ago)
- Pål Axelsson (912 days ago)
- ...