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

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

**Fredrik Domeij**
- **Obsolete MFA Profile FAQ** updated Oct 02, 2021 • view change
- **FAQ SFA/MFA** updated Oct 02, 2021 • view change

**Albert Wu**
- **Obsolete MFA Profile FAQ** updated Oct 02, 2021 • view change
- **How to request authentication contexts** updated Oct 02, 2021 • view change

Space contributors

- Nicole Harris (33 days ago)
- Fredrik Domeij (381 days ago)
- Albert Wu (381 days ago)
- Scott Cantor (420 days ago)
- Jule Ziegler (509 days ago)
- ...
