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](https://www.iana.org) 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](#) 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

- **John Bradley**
  - [How to request authentication contexts](#) commented Dec 13, 2022

- **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 w change
  - FAQ SFA/MFA updated Oct 02, 2021 • view change

- **Albert Wu**
  - Obsolete MFA Profile FAQ updated Oct 02, 2021 • view w change

### Space contributors

- **Nicole Harris** (296 days ago)
- **Fredrik Domeij** (643 days ago)
- **Albert Wu** (644 days ago)
- **Scott Cantor** (683 days ago)
- **Jule Ziegler** (772 days ago)
- ...