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** (44 days ago)
- **Fredrik Domeij** (392 days ago)
- **Albert Wu** (392 days ago)
- **Scott Cantor** (431 days ago)
- **Jule Ziegler** (520 days ago)
- **...**