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](https://www.refeds.org/samplers/assurance/framework)
  - FAQ/Supporting Materials: RAF (identity assurance)
- **REFEDS Authentication Profiles** (for identity authentication)
  - [REFEDS MFA Profile](https://www.refeds.org/samplers/assurance/profiles/mfa)
  - [REFEDS SFA Profile](https://www.refeds.org/samplers/assurance/profiles/sfa)
  - FAQ/Supporting Materials: SFA/MFA (authentication assurance)
- Webinar on REFEDS Assurance Suite 13 December 2018 ([stream](https://www.refeds.org/samplers/assurance/webinar)) ([slides](https://www.refeds.org/samplers/assurance/webinar-slides))

The Assurance framework and profiles are developed and maintained in the [Assurance working group](https://www.refeds.org/samplers/assurance/)

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](https://www.refeds.org/samplers/assurance/framework) updated Sep 15, 2022 • view change

- **Fredrik Domeij**
  - [Obsolete MFA Profile FAQ](https://www.refeds.org/samplers/assurance/profiles/mfa) updated Oct 02, 2021 • view change
  - [FAQ SFA/MFA](https://www.refeds.org/samplers/assurance/profiles/sfa) updated Oct 02, 2021 • view change

- **Albert Wu**
  - [Obsolete MFA Profile FAQ](https://www.refeds.org/samplers/assurance/profiles/mfa) updated Oct 02, 2021 • view change
  - [How to request authentication contexts](https://www.refeds.org/samplers/assurance/profiles/sfa) 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)
- ...