

# 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. New versions of RAF and MFA was release autumn 2023.

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 v2.0](#)
  - [FAQ/Supporting Materials: RAF \(identity assurance\)](#)
- **REFEDS Authentication Profiles** (for identity authentication)
  - [REFEDS MFA Profile v1.2](#)
  - [REFEDS SFA Profile v1.0](#)
  - [FAQ/Supporting Materials: SFA/MFA \(authentication assurance\)](#)
- The Assurance framework and profiles are developed and maintained in the [Assurance working group](#)

## Recent space activity



[Pål Axelsson](#)

[Assurance Home](#) updated Mar 22, 2024 [view change](#)

[REFEDS Assurance Framework ver 1.0](#) updated Feb 02, 2024 [view change](#)

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[REFEDS Assurance Framework ver 1.0](#) updated Jan 22, 2024 [view change](#)

[FAQ/Supporting Materials: RAF \(identity assurance\)](#) updated Dec 20, 2023 [view change](#)

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## Space contributors

- [Pål Axelsson](#) (33 days ago)
- [Pål Axelsson](#) (92 days ago)
- [Kyle Lewis](#) (138 days ago)
- [Nicole Harris](#) (587 days ago)
- [Fredrik Domeij](#) (934 days ago)
- ...