IGTF Levels of Authentication Assurance

Identity requirements

- Identity validation
- Identifier assignment

Operational requirements

- Communications, Credentialing process & Identification of credentialing policies
- Management of credentials
- IT systems security & Credential strength
- Credential validity
- Site security

Audits

Publication and repository, Privacy and confidentiality, Compromise and disaster recovery & Other obligations

PKI implementation name

- SLCS
- MICS
- Classic
- IOTA
Identifier uniqueness

- eduPerson - eduPersonUniqueID
- OASIS SAML - persistent name id
- OASIS SIA - subject-id or pairwise-id
- OIDC - sub (type: public or pairwise)

CSP can contact

- eppn reassignment
  - no-reassign
  - reassign-1y

Identifier never reassigned

IdProofing

Low
Medium
High

Attribute quality and freshness

- 1 month
- 1 day

Profile name

- Cappuccino
- Espresso

REFEDS Authentication

- Single factor
- Multi factor
Kantara Identity Assurance Framework - KIAF-1420 (OP-SAC)

Identity uniqueness
- eduperson - edupersonPrincipleName
- IDP-entitlement - assertion
- eduperson - edupersonPrincipleName

IDP-entitlement
- lsid - jmi
- assertion

Attribute quality and freshness
- 1 month
- 1 day

RIFT-DS Authentication
- Target Audience
- Multi Factor

Impersonation
- Non-repudiation
- Confidentiality

Management and Operation
- Monitoring and configuration
- Access control and administrative functions
- Auditing and accountability
- System and communications integrity
- Continuity of service

Identity requirements
- Makes statements on
- DOGWOOD
- CEDAR
- BIRCH
- ASPEN

Operational requirements
- Makes statements on
- ……………………………………………………..