REFEDS Assurance 🎅🎄

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REFEDS Assurance Framework (RAF)

- REFEDS Assurance Framework: [https://refeds.org/assurance](https://refeds.org/assurance)
- V1.0 Published (current)
- Defines a set of assurance tags for the eduPersonAssurance attribute in three different areas
  - Uniqueness of identifiers
  - Identity proofing
  - Affiliation attribute freshness
- Defines two combined assurance profiles
  - Cappuccino for moderate assurance
  - Espresso for high assurance
The big picture of assurance in REFEDS

Identifiers
- ID is unique, personal and traceable
- ePPN is unique, personal and traceable

ID proofing
- Low (self-asserted)
- Medium (e.g. postal credential delivery)
- High (e.g. F2F)

Attributes
- Affiliation freshness 1 month
- Affiliation freshness 1 day

Authentication
- REFEDS SFA: Single-factor authentication
- REFEDS MFA: Multi-factor authentication
RAF 2.0 Draft

- **Why?** Make REFEDS RAF easier to understand and use, both by IdPs and SPs. Remove any ambiguity, bring text to document
- **Who?** [REFEDS Assurance WG](#), open forum, participation welcome
- **What next?** public consultation! (Probably after MFA profile consultation phase)
RAF 2.0 Draft - highlights

• 3 main areas (Identifiers, ID Proofing, Attribute Freshness) will be retained

• Updates on Identifier Uniqueness, such as usage of multiple identifiers

• make ‘local-enterprise’ more prominent in the spec

• **Major Update on ID Proofing section**
  → these requirements are reflected in a formal text & supporting table
ID Proofing Updates

• ID Proofing part currently refers the reader to external standards
• RAF will now include its own criteria for each IAP level
• new use case (unsupervised remote) included
Conclusion

• Work in Progress - but almost done!
• Join the **Assurance in Action**! session on Wed, Dec 7 starting 11:20am (Governor’s Square 17)
• It’s time for me to say Goodbye 👋
• Please contribute! Visit:
  • REFEDS Assurance WG: https://wiki.refeds.org/display/GROUPS/Assurance+Working+Group

Questions?