KANTARA

Experiences from Nixu Kantara assessments
NIXU COMPLIANCE SERVICES

- Audits
- Gap analysis and roadmap
- Implementation and remediation
- Compliance management

- Kantara (Europe, US)
- Ficam (Europe, US)
- eIDAS
- PCI
- ISO 270xx
- PSD2
- Cloud Security Alliance (CSA)
- Cybersecurity Compliance
- Defence frameworks
- (And more…)
CASE STUDY: eduID

- Federated electronic identity for Swedish universities
- For students, professors and employees
- Used for:
  - Course registration
  - Retrieving degrees and merits
- Kantara certified by Nixu since January 2015 (at AL1 and AL2)
eduID: WHY KANTARA CERTIFICATION?

- Quality stamp; verify that the service is secure
- Part of SWAMID identity federation (loosely based on Kantara requirements)
- Future plans to federate with international identity providers
- Academic interest
eduID CHALLENGES

- Supports two levels of identity proofing
  - AL1: self certified or social media
  - AL2: registered mobile phone number and registered address

- Identity proofing
  - Original method relying on government message service had to be abandoned (for political reasons)
  - Currently, only in-person identity proofing is validated

- Mange international identities
  - Current methods rely on the Swedish Personal Identification Number
MARKET CHALLENGES (EUROPE)

- Competing standards
  - eIDAS, national eID standards
  - ISO29115

- Lack of federation
  - Even with Kantara certification, federation with other services is not guaranteed

- Unclear value of Kantara certification for the end user
  - No clear market advantage like the federal US market
eduid: Assessor Challenges

- Differences in identity proofing cultures
  - Proof of address
- Change and version management of Kantara standard
CIAM focus points

- Consent management
  - Consent management enabled products like iWelcome and Forgerock.
  - Adding external consent engine to existing sites.
  - Building consent management from scratch

- Consolidation of CIAM platforms
- CIAM for IoT
- Dynamic authentication and real time analytics