



KANTARA

Experiences from Nixu Kantara assessments

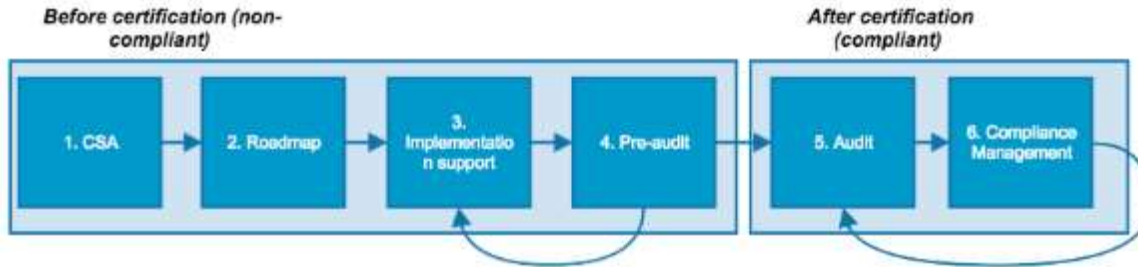
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NIXU COMPLIANCE SERVICES

- 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
- Manage 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