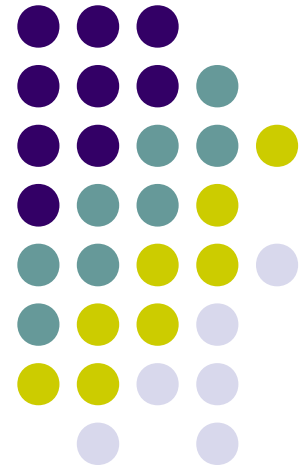


Kantara Initiative Telco WG

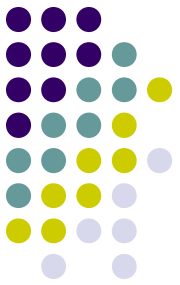


Fulup Ar Foll, Principal Engineer, Oracle

Massively
Scalable
Identity
Architecture



From Large to Huge

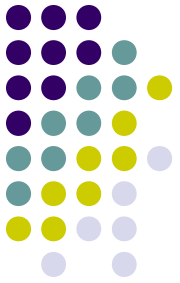


Model	From	To
L	5	50
XL	10	100
XLL	50	500

In Millions IDs

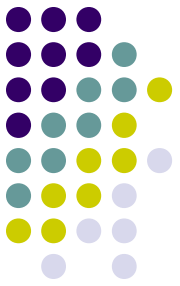
Time scale: 36/48 months from now

Multiple Channels & Devices



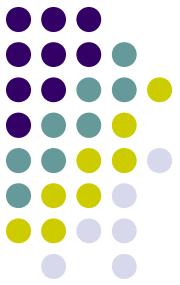
- Multi-devices
- Multi-access
- Multi-services

Fully Distributed

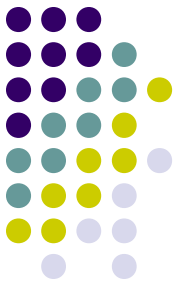


- Geographical distribution
- Authentication repository (HLR/HSS)
- Personal profile (attribute retrieval)
- Outsources services

Multi-Protocols



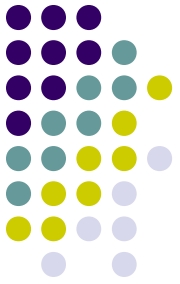
- Authentication
 - SAML2 (full)
 - OpenID (simple)
 - InfoCard ???
- APIs/Attributes
 - Dual mode ID-WSF, OAuth
 - Ex: Presence, billing, user-profile, ...



Privacy & Legal constraints

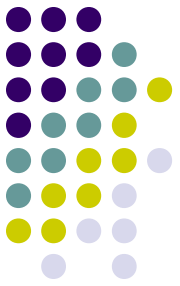
- Privacy as 1st class citizen
 - User consent
 - Right to update/forget
- Compliant with regulations
 - Audit
 - Legal interception
 - Abnormal traffic detection (ex: HADOPI)

Telco WG target



- Architecture pattern
- Best practices
- Reference Implementation (Partial/Full)
- Certification ?

How to Help



- Provide your input
 - Constrains
 - Use cases
 - Metrics/Load
- Jump in
 - Review our work
 - Propose things

<http://kantarainitiative.org/>