

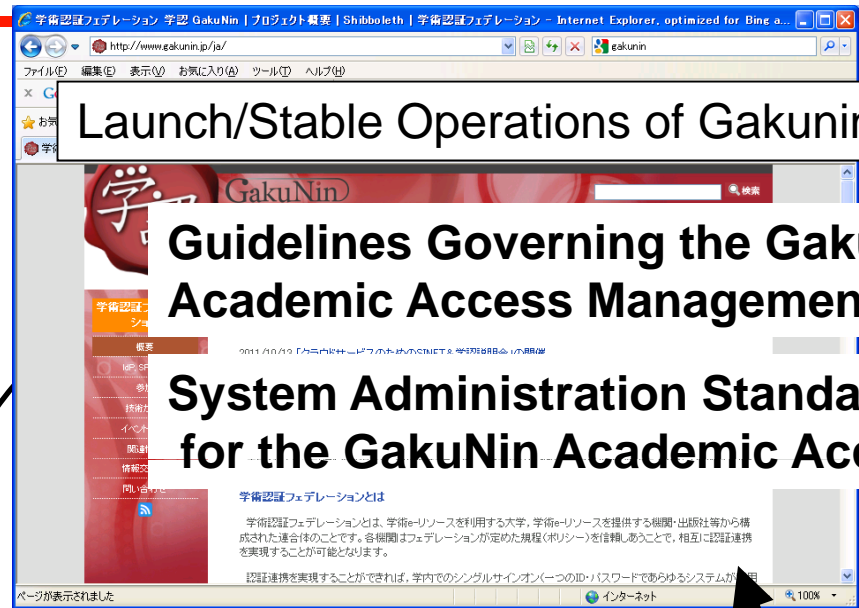


GakuNin

Why the academic federation
system needs Trust
Framework and will get the
certificate from OIX

SATO, Hiroyuki
Gakunin, Japan

Trust Framework in J-Academia

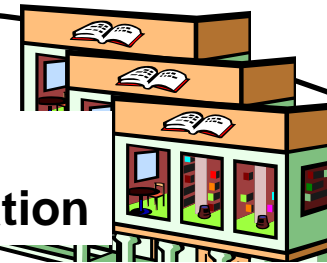


Launch/Stable Operations of GakuNin

**Guidelines Governing the GakuNin
Academic Access Management Federation**

**System Administration Standards
for the GakuNin Academic Access Management Federation**

Identity Providers

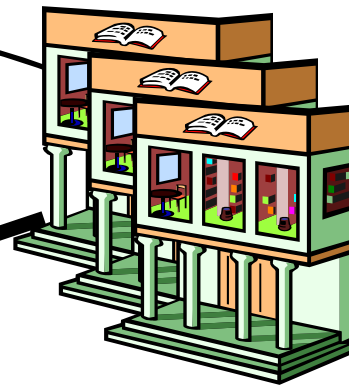


Service Providers
(incl. Publishers)

Extension to PubMed?



Launch/Stable Operations of Gakunin



Service Providers
(incl. Publishers)

Identity Providers



PubMed



-
- The very same situation as InCommon around 2007 (maybe).
 - PubMed is outside of Gakunin Trust, but it says “If LoA of Gakunin is compliant with our requirement, you can connect to us.”
 - (The first message was, I am not sure, but something like “Are you FICAM L1 compliant?”)
 - Gakunin made a self-inspection as for the possibility of connection.

Characterization of Gakunin as a TFP

- As Academic Federation, Participants are (expected) to be a solid organization.
 - Good control over its members.
 - Japanese are diligent, and trustful (MAYBE:).
 - **Probably Different to Social Identity Providers (We were lucky)**
- The requirements of L1 are easy to satisfy.
 - We do not need Extra cost for Keeping Levels (Especially, Audit, or Self-check).



The Reality

- **Guidelines Governing the GakuNin Academic Access Management Federation (Governance)**
- **System Administration Standards for the GakuNin Academic Access Management Federation (Technical)**
- **PII Protection Acts (Privacy)**
- **Our Strategy: Gakunin as a whole satisfies LoA 1.**
- We needed a slight modification, but it was not a Hard Task.

Audit

- WE ARE TRUSTFUL (Maybe)
 - We made PROMISE that we make a REGULAR SURVEY, and We assess the survey.
 - Compliance with the Guideline and System Adm. Standards and some privacy policies.
 - This October, we made the first survey. The result was successful, and suggested some improvements.
 - Probably, This Scheme is valid because we belong to DECENT community (Reeeeeally?)



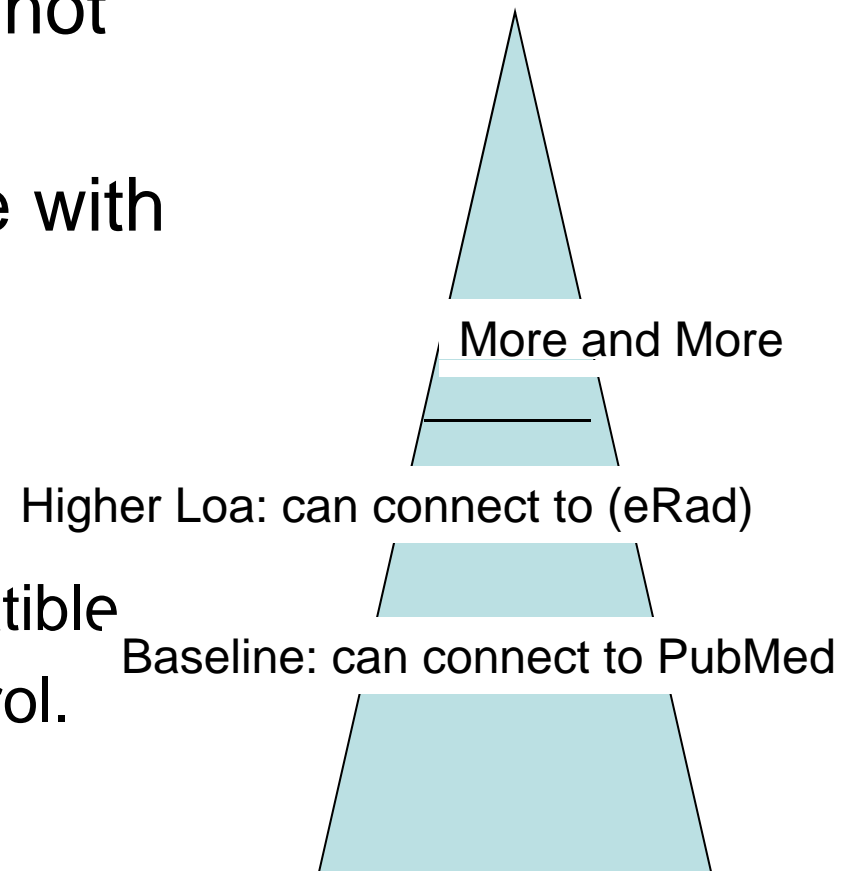
Establishing as a TFP

- The negotiation with NIH IS still under way, but we expect a positive result.
- Another candidate SP emerges...
 - we like to use our university ID to use eRad...
- eRad, like research.gov, requires LoA 2.

- We have decided we stand as TFP. The related effort will be rewarding!
 - Actually, we have an experience of Defining LoA 3 and 4 as a CP/CPS template of Campus PKI.

Interoperability with other TFP

- Target-wise LoA setting is not scalable (we know)
- We like to be interoperable with some standard TFPs.
- Then **OIX** Standards
 - We like to be OIX L1 compatible
 - We are ready for extra control.



ToDo

- TFP = governance+technical+privacy+audit
- We have some experince of LoA handling and LoP handling (esp. privacy),
- About Audit.
 - What is the required strength?
 - We like to do the RIGHT THINGs with RIGHT COST.
 - We are in advanced (?) community, and high spirit of compliance (?). We can consider our social background (We hope).