GSA Policy Engine

Architecture and Artifacts
Contract Negotiation

Foundation for
collection, maintenance, use, and dissemination
of machine readable privacy policy
Policy Engine Context

- WS-Reliability, SAML, US Privacy Act
- Policy Intersection
- Service Provider/Consumer Provisioning
Privacy Act of 1974

- The Privacy Act (PA) of 1974, Public Law 93-579 (5 U.S.C. § 552a), regulates the collection, maintenance, use, and dissemination of personal information by Federal agencies. The PA was amended by the Computer Matching Privacy Protection Act (CMPPA) of 1988 (P.L. 100-503, 5 U.S.C. § 552a(a)(8) - (13), (e)(12), (o), (p), (q), (r), and (u) (1994)), and the Computer Matching Privacy Protection (CMPPA) Amendments of 1990 (P.L. 101-56, 5 U.S.C. § 552a(p)). These amendments set forth computer matching activity requirements for Federal agencies
Privacy Model

Dean's Tax Example

k-operator

Policy Decision Point
Privacy Proofs

- Axioms of OWL (SNARK)
- Axioms of Privacy Act (?)
- IW-Proof Generation (JTP)
- PML
- TMS Service in J2EE (?)
OSERA

Open Source eGov Reference Architecture

http://www.osera.gov/

FEA-RMO
GSA Policy Engine
and more in FY07 ...
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