

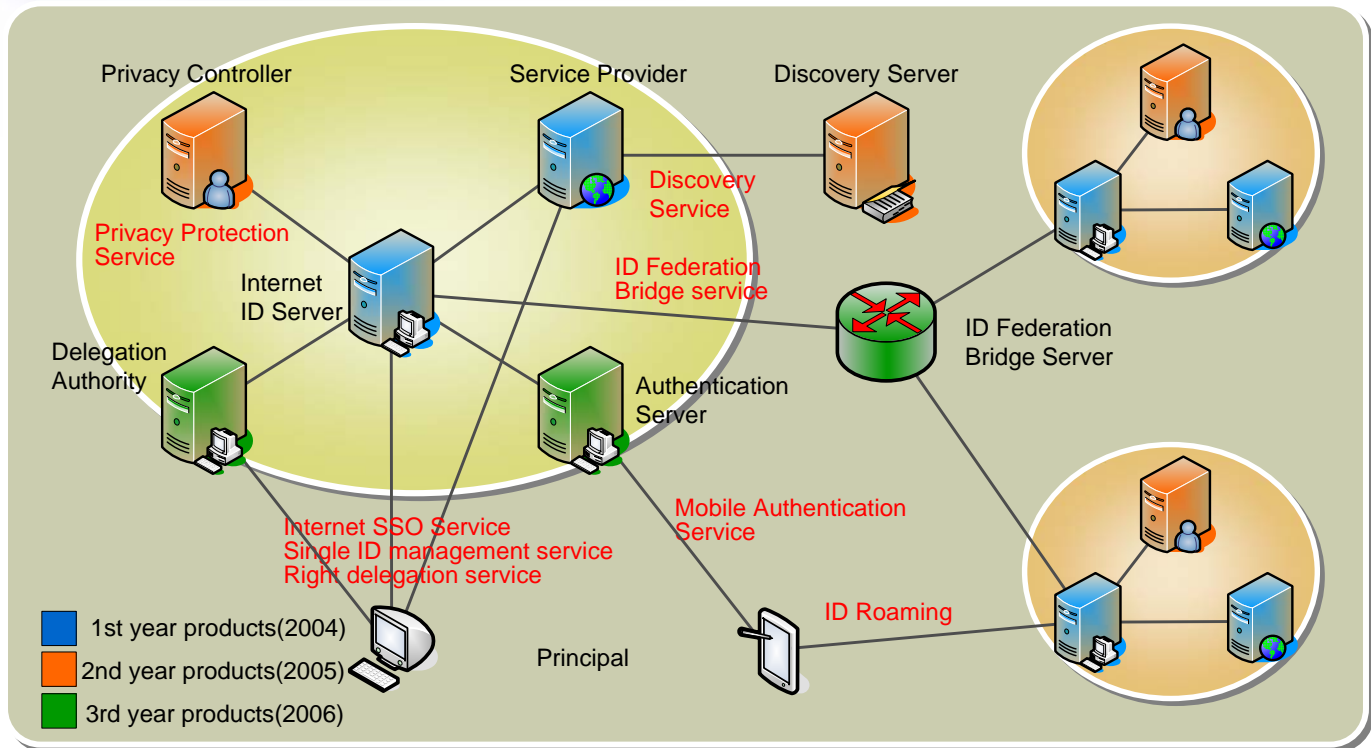
Universal Security Service Platform Technology for Protecting e-Identity

Introduction

We develop an universal security service platform technology for protecting e-Identity. This technology provides single ID management/internet SSO/privacy protection/integrated audit/ID bridge functions for adapting secure and comport ID services to various electronic transactions such as eGovernment or eCommerce.

- Internet ID management technology
- Web services-based secure ID information sharing technology
- ID federation bridging technology

Architecture



Application Area

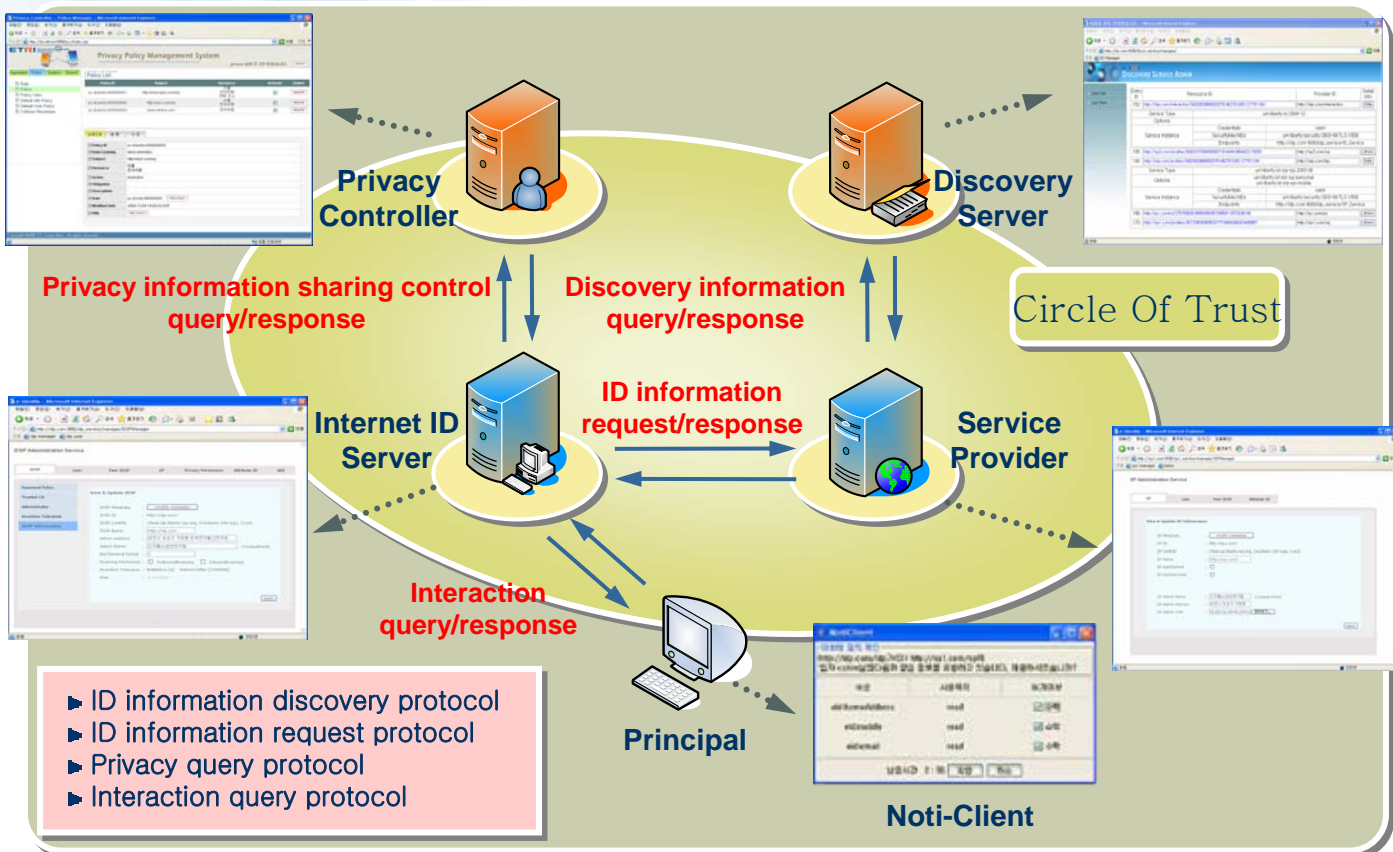
- eCommerce : online shopping mall, portal site
- Banking service : internet banking, online credit card
- Public service : eGovernment, electronic citizen, public organization
- Other application : eMedical, eTrade, communication service

Deployment Environment of Internet ID management Service

Services

- ID Federation
- ID Management
- ID Web Services Framework
- Privacy Protection
- Web Single Sign-On
- Information Lookup
- Discovery Service
- Privacy Policy Generation

Deployment



Operating Environment

- Operating System : MS-Windows, Linux
- Programming Language : Java 2.0
- Database : Oracle 9i
- Web Server : Jakarta-Tomcat 5.0

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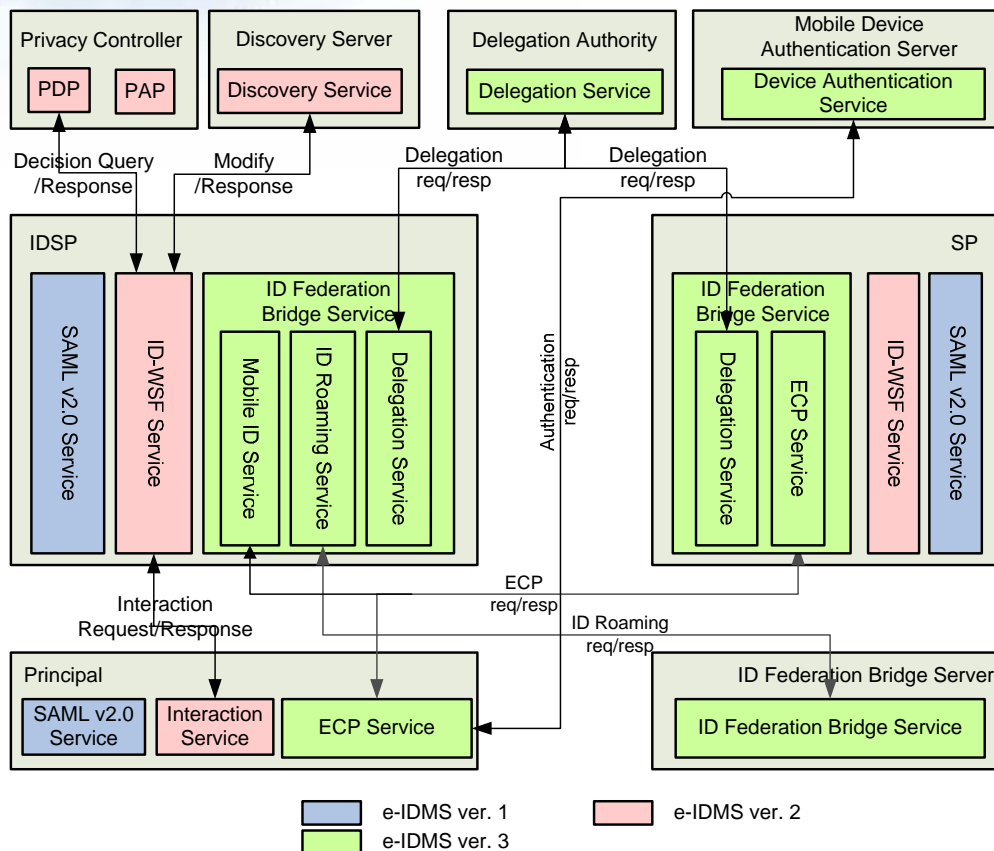
Services

Web Services Framework – sharing ID information

Privacy Controller – controlling the share of privacy information sharing

- SAML v2.0
- Discovery service for ID information
- Authorization query for privacy information
- ID federation bridge
- ID information sharing
- Control model for sharing of privacy information
- Interaction query
- Enhanced Client

Software Stack



Outstanding

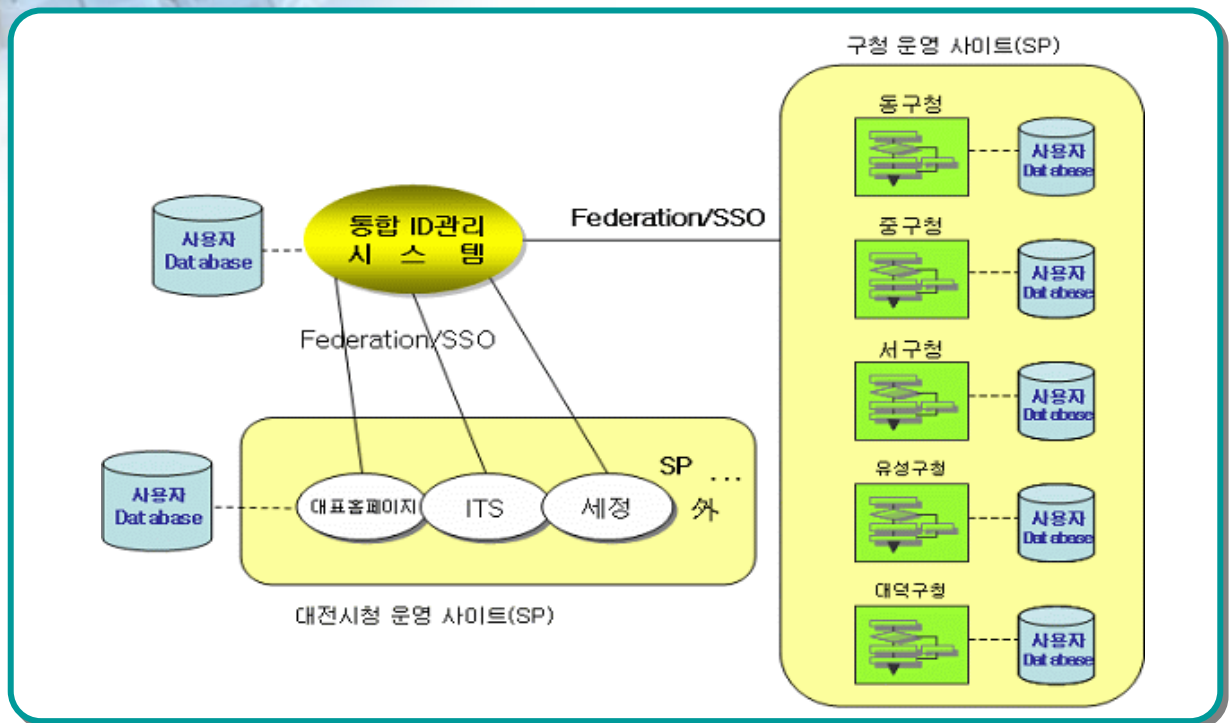
- 1st Certified OASIS SAML v2.0 from Liberty Alliance
- Online demo system and technical standard for protecting Korean Registration Number
- Reference Site : Integrated ID Management System for Public Organizations in Daejeon Metropolitan

Integrated ID Management System for Public Organization in Daejeon Metropolitan

Outline

- Inter-connection of the 21th sites including 5 district office in Daejeon metropolitan
- Adapting the 'Internet ID Management Service System' developed by ETRI (Electronics and Telecommunication Research Institute)

Architecture



Services and Technologies

Services

ID Federation and Web SSO

Providing and notification of ID information

Protection (Management) of privacy information

Alternation of Korean Registration Number

Technologies

SAML v2.0

SAML v2.0, ID-WSF v2.0

ID-WSF v2.0, XACML v1.1

SAML v2.0, ID-WSF v2.0