



Liberty Alliance What's Next

Fulup Ar Foll

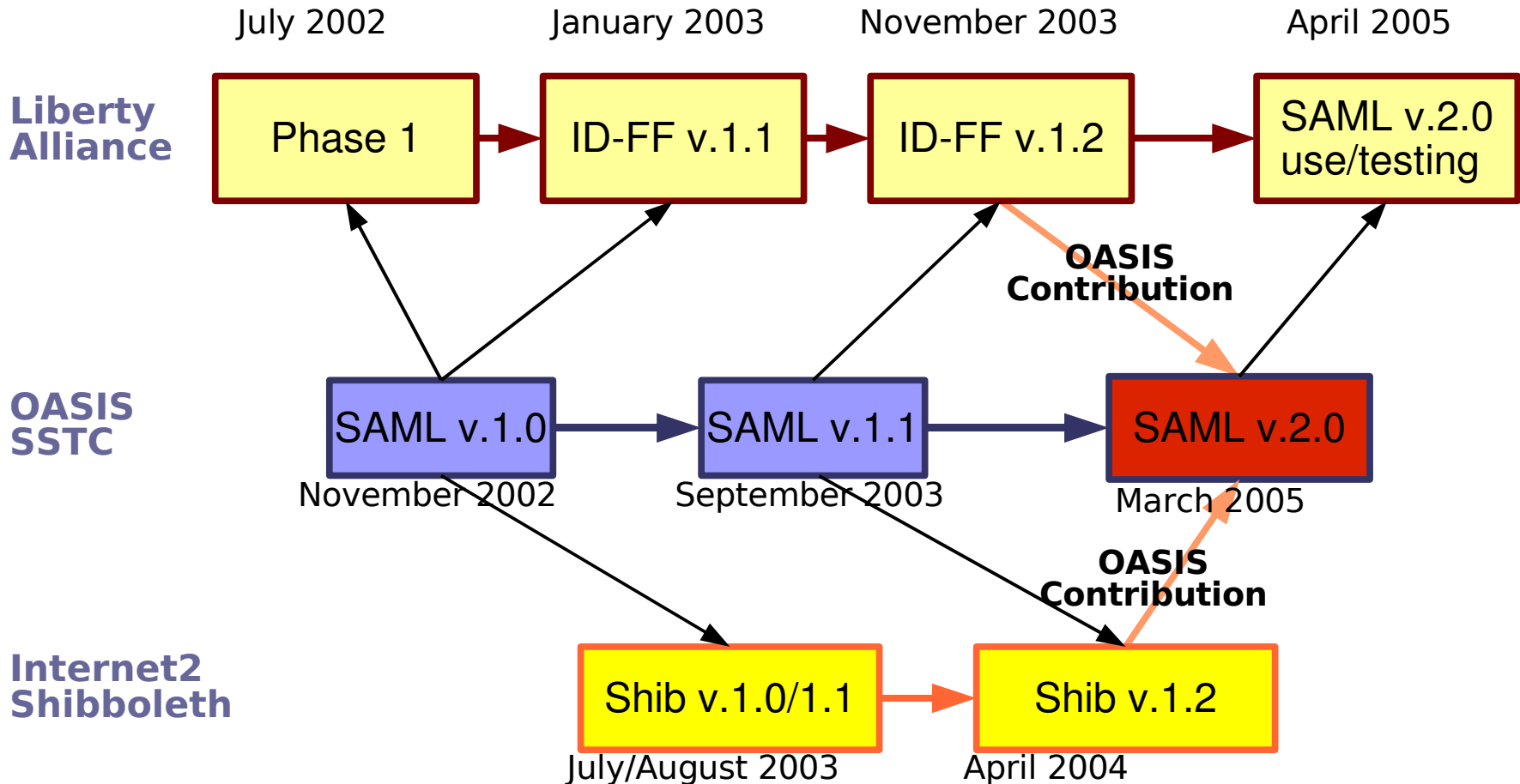
Master Architect
Global Software Practice
Sun Microsystems



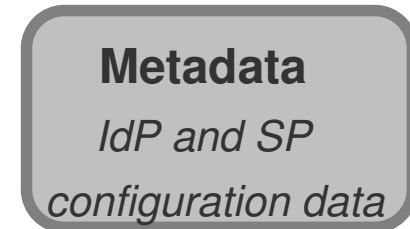
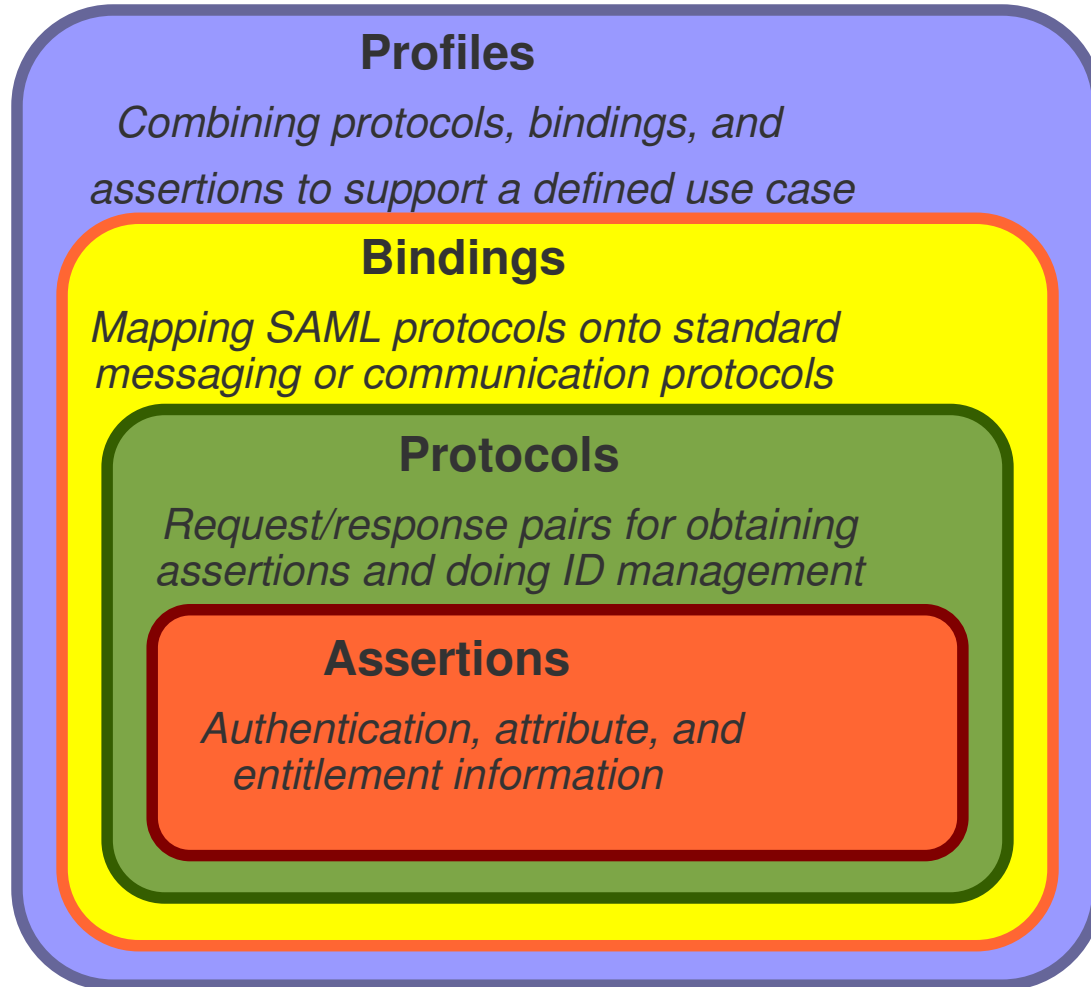
What's About Federation

- **Federation of providers (CoT)**, a group of entities providing services who signed agreement, in order to make life of shared customers/users (*Principal*) more simple.
 - × *accept Principal identity authentication to be done once per session (SSO) and by a shared authority (IDP)*
 - × *Accept to provide service knowing only an “avatar” of principal identity (Opaque Handle/Federation Key). This non significant pointer on principal identity allowing service provider (SP) to know that “it is him” without knowing “who he is”.*
- **Federation:** a weak link that allow to map a principal avatar identity used by a service provider to the effective principal identity know only from the authority of authentication (IDP).
- **Federated Identity:** The data/attributes at the service provider attached to a principal identity avatar.

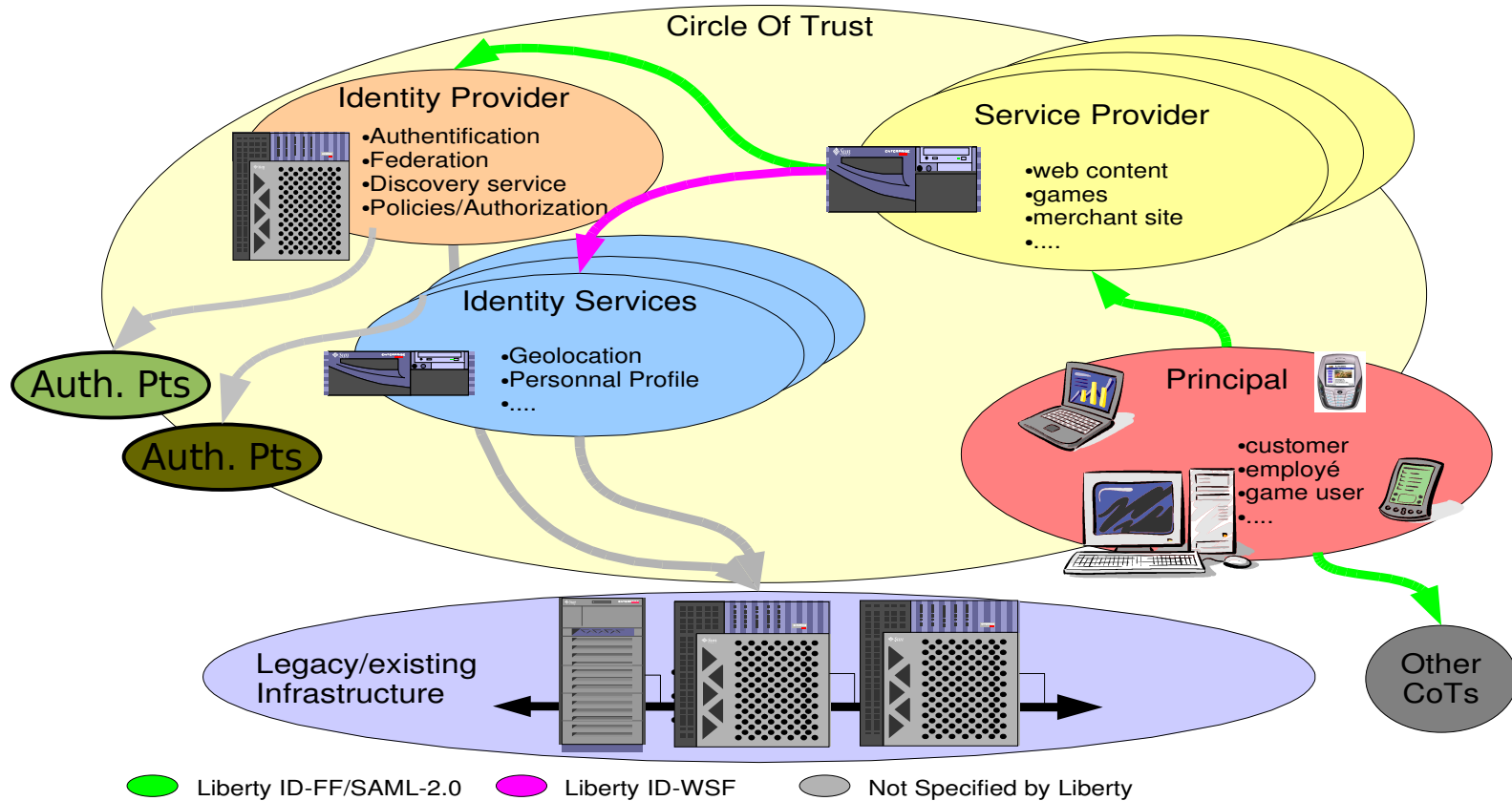
Standard and Convergence



OASIS SAML 2.0 Concepts



Global Liberty Architecture



Liberty Technical Framework

- ID-FF (Identity Federation Framework)
 - > Federation/Defederation
 - > SSO (*single & simplified Sign On*) / SLO (*single logout*)
 - > Authentication context & Attributes
 - > Metadata
- ID-WSF (Identity Web Service Framework)
 - > Authentication Service
 - > Discovery Service
 - > DST (Data Service Template)
 - > Interaction Service
- ID-SIS (Identity Service Interface)
 - > Personal profile, Geoloc, Presence, Contact Book, ...

ID-WSF 2.0: Cross-User

- Extended Invocation Context to include:
 - > Invocation Identity
 - > Who is submitting the request
 - > Target Identity
 - > Who's resource is targeted in the request
 - > Sender
 - > Server sending the request
 - > Destination
 - > Server receiving the request

ID-WSF-2: People Service

- Identity Federation between *individuals*
 - > Paul establishes a connection with Carolina
- Supports Invocation of another user's service
 - > Carolina can access Paul's Calendar (w/permission, of course)
- Group (Collection) management
- Invitation model for cross-IDP federations

Why Choosing Liberty ?

- x Fit your requirements:

Free & Open standard, Privacy, Security, Interoperability

- x An industrial reality:

Certified products, Already proven in production



- x You're not in a position of choosing:

Customer chooses for you !!!

Kravspesifikasjon for PKI i offentlig sektor Versjon 1.02 ,
Januar 2005

Requirements Spec. for PKI in Public Sector
Version 1.02 , January 2005

Krav 10.5.1 Autentisering

Requirement 10.5.1 Authentication

Det skal tilbys en "Identity Provider" i henhold til Liberty Alliance spesifikasjoner. Løsningen skal beskrives. Det skal angis hvilke versjoner og overordnede funksjoner som støttes.

It shall be offered an "Identity Provider" according to Liberty Alliance specifications. The solution shall be described. It shall be indicated which versions and which high level functions are supported.



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fulup@sun.com