



Open Source Single Sign-On: The OpenSSO Project

October 26, 2007

Pat Patterson
Federation Architect

pat.patterson@sun.com
blogs.sun.com/superpat



OpenSSO Momentum

OpenSSO
Open Access . Open Federation

- In just 1 year...
 - > 500 project members at opensso.dev.java.net
 - > ~10 external committers
 - > Consistently in Top 10* java.net projects by mail traffic
 - * of over 3000 projects
- Production deployments
 - > openid.sun.com
 - OpenID for Sun employees
 - > www.audi.co.uk
 - 250,000 customer profiles
 - > www.ssocircle.com
 - SAML 2.0 to Google, OpenID, client certificate authentication



OpenSSO & Federated Access Manager 8.0

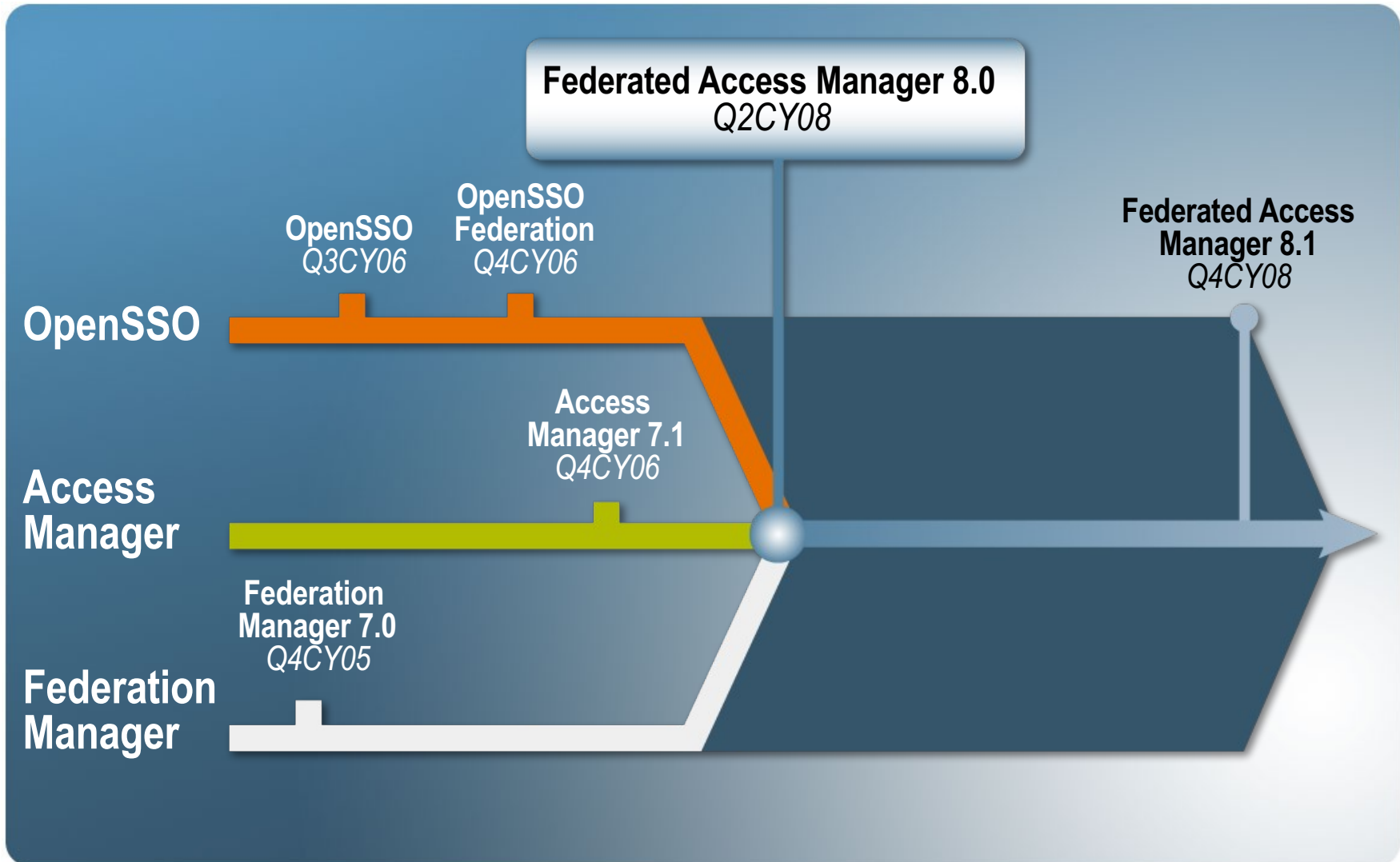


OpenSSO
Open Access . Open Federation

**Open Access.
Open Federation.**

- OpenSSO v1.0 == FAM 8.0
- All FAM 8.0 builds available via OpenSSO
- Preview Features
- Provide Feedback
- Review code security

Federated Access Manager Roadmap



Simplified Configuration

FAM Custom Configuration

1 Introduction

2 FAM Association

3 Configuration Store

4 User Store

5 Load Balancing

6 Summary

Summary

Please take a moment to confirm that your settings are correct.

Edit

FAM Association

This is the first FAM instance of a new deployment

Edit

Configuration Store Details

Default Configuration

Edit

User Store Details

User Store Name: LDAP
 Directory Host Name: some.host.name
 Port: 389
 Directory credentials: Provided
 Directory Base DN: displayNameHere

Edit

Load Balancing

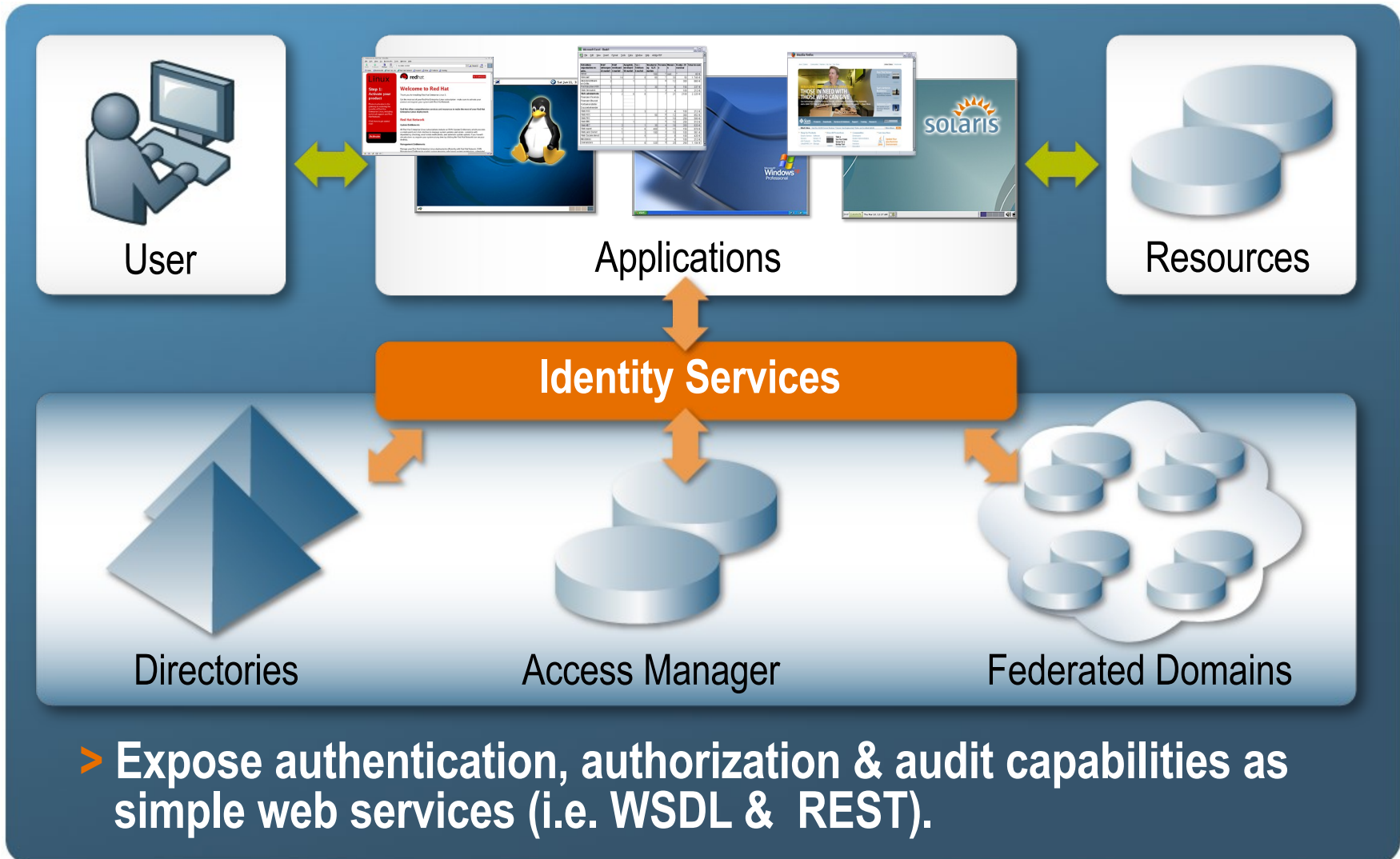
This instance will not be deployed behind a load balancer.

Cancel

Previous

Create Configuration

Identity Services



OpenSSO v1.0 **More Features**

Access Management

- Centralized Agent Configuration & Deployment
 - Centralized Configuration
 - XACML Request/Response
 - More Application Servers
-

Federation

- WS-Federation 1.1
- Simple Federated Partner Enablement
- Multi-Federation Protocol Hub
- Secure Attribute Exchange
- 3rd Party WAM Interoperability

OpenSSO v1.0 More Features

Identity Services

- Authentication as a service
- Authorization as a service
- Audit as a service
- Attribute Query as a service
- Secure Trust Authority
- Web Services Security Plug-ins
- SDK for Securing Web Services

Interested Yet?

Beyond

- Fine-Grained Authorization
- Compliance/Auditing
- Dashboard/RSS feeds
- OpenID
- More 3rd Party Interoperability
- More Simplification
- More Workflows

Stay Tuned. More To Come . . .

OpenSSO Extensions

<https://opensso.dev.java.net/public/extensions/>

SAML 2.0

- **PHP** SAML 2.0 SP implementation
 - > Picked up by Feide (Norway)
- **Ruby** SAML 2.0 SP implementation
- SAML 2.0 ECP test rig

OpenID

- OpenID 1.1 Provider
 - > Deployed at openid.sun.com

Client SDK

- PHP Client SDK implementation

Authentication Modules

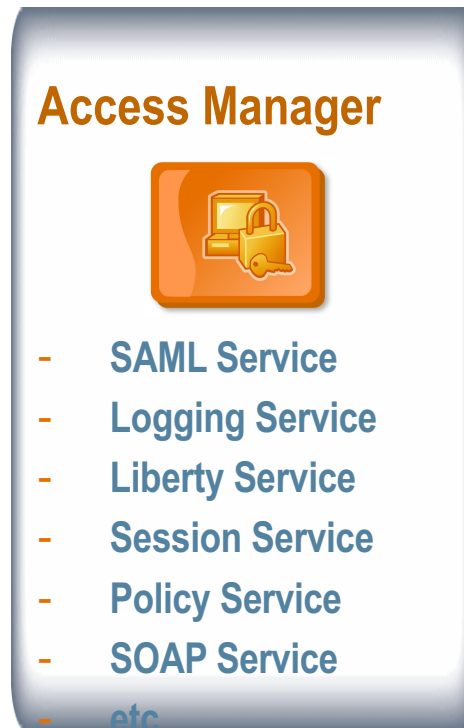
- *Coming soon!*
 - > ActivIdentity 4Tress
 - > Hitachi Finger Vein Biometric

Hitachi Finger Vein Authentication



●外光に強い認証精度

上部のフードにより外光の影響を低減するとともに、近赤外線を指の上から透過させ、下からカメラで読み取る方式を採用し、高い認証精度を実現しました。



Protected Applications/
Resources

SOAP

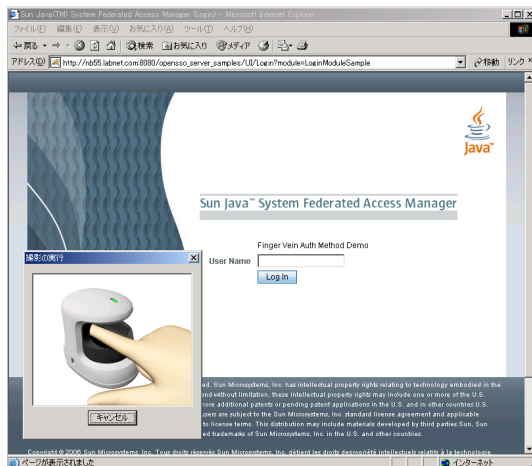


SOAP

Authentication
Service

ASP.NET/IIS

Directory Server EE



Participate!

Join

Sign up at
opensso.dev.java.net

Download

AM 7.1 WAR file
FAM 8.0 Build 1

Subscribe

OpenSSO Mailing Lists
dev, users, announce

Chat

#opensso
on
freenode.net

Resources

<https://opensso.dev.java.net/public/extensions/>

OpenSSO

- <https://opensso.dev.java.net/>
-

Pat's Blog

- Superpatterns
 - > <http://blogs.sun.com/superpat/>
-

Daniel Raskin's Blog

- Virtual Daniel
 - > <http://blogs.sun.com/raskin/>



Open Source Single Sign-On: The OpenSSO Project

October 26, 2007

Pat Patterson
Federation Architect

pat.patterson@sun.com

blogs.sun.com/superpat

Demo

