

BOF4803

Open source identity and access management

1 October 2012 5:30p

San Francisco CA



Expert Panel

- Ludovic Poitou, ForgeRock
- Matt Hardin, Symas
- Pascal Jakobi, Thales Group
- Shawn McKinney, JoshuaTree

Moderator

- Kelly McKinney, JoshuaTree





Why are we here?

- Why open source software for security?
- What are you doing now?
- What needs to be done?
- How can we work together?



[title]

- [point]
- [point]
- [point]

[subtitle]

- [subpoint]



ForgeRock

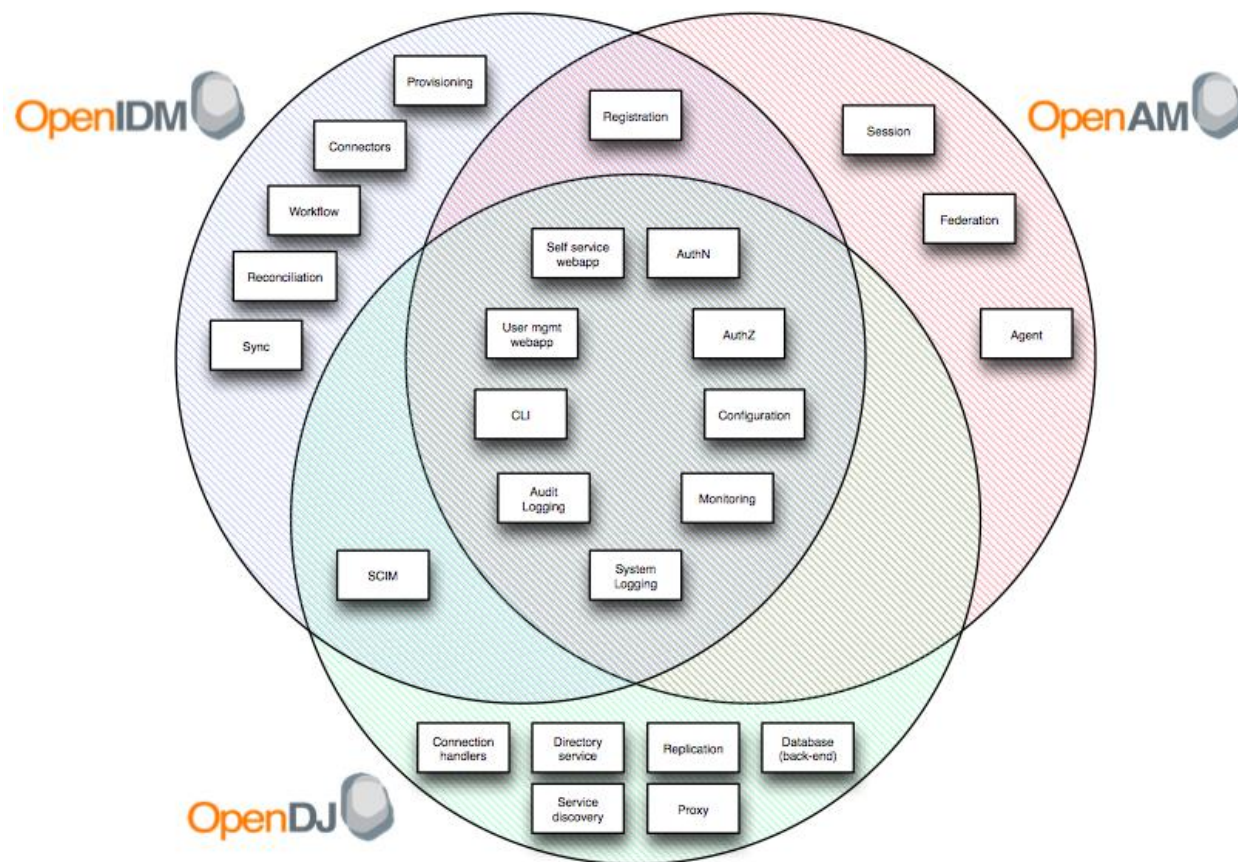
- Founded in October 2009
- ~80 Employees Worldwide
- Headquartered in San Francisco
- Subsidiaries in US, UK, Norway, New Zealand & France
- Marquee Investor: Accel Partners
- Marquee Advisors: McNealy / Gosling

- Ludovic Poitou
 - Director ForgeRock France
 - Software Engineer,
 - Started with Java in 1995 at Sun.



October 1, 2012

ForgeRock Open Identity Stack



Architecturally Unique

- Open Source
- Common Modules
- Common API
- Common Libraries
- Common UI
- 100 % Java



October 1, 2012

Open Source Community

- 100% Open Source, Open development
- License: CDDL
- OpenAM – openam.forgerock.org
 - Authentication, Authorization, Federation, ...
 - Continuation of Sun OpenSSO project (Sun Access Manager)
- OpenDJ – opendj.forgerock.org
 - LDAPv3 compliant directory services
 - Continuation of Sun OpenDS project
- OpenIDM – openidm.forgerock.org
 - Provisioning, Reconciliation, Workflows...
 - New project, built on OpenICF (Identity Connector Framework)
-



Shawn McKinney



- Experienced delivering custom IAM solutions to financial service datacenters in Europe, North and South America using open source technologies
- Formed JoshuaTree in 2011
- Using Java and LDAP technologies since 1999
- shawn.mckinney@joshuatreesoftware.us



Fortress Vision

- Open Source
- Standards-Based
 - RBAC, XACML, SAML
- Enterprise Class
 - OpenLDAP maturation
 - the 'ilities'
 - memory-mapped DB
 - auditing with access log
- Secure technology gap persists
- Needs remain for infrastructure that
 - is robust, cost-effective, extensible, and long-term viable
 - is well documented, easy to use and technically mainstream
 - includes a common and robust API that works across all platforms
- Opportunity exists to
 - consolidate efforts into a single IAM suite
 - harvest a large and previously untapped market share



2009 JavaOne™

Securing Web and SOA
with Apache Axis, WSS4J,
Spring, and OpenLDAP
Shawn McKinney





Fortress Today

- Standards-based Identity and Access Management system, written in Java.
- Uses LDAPv3 protocol to directory servers
- Representational state transfer over the Web.
- ANSI Role-Based Access Control (INCITS 359)
- Administrative Role-Based Access Control (ARBAC02)
- IETF Password Policies
- Centralized Audit covers AuthN, AuthZ, and Mod events
- Java EE Platform Security
- **Multi-tenant capable**
- Downloads available from iamfortress.org





Fortress Tomorrow

- 2.0 En Masse Policy Server
 - 120 RESTful IAM services cover full identity mgmt lifecycle
 - Built using Apache CXF framework
 - Simple Cloud Identity Management (SCIM)
 - XACML
 - **October 2012 Release**
- 3.0 Commander Web UI Server
 - currently in development
 - Fortress & OpenLDAP administration
 - Building with Apache Wicket framework
 - April 2012 Release
- 4.0 Perimeter SSO Server
 - B2C and B2B
 - SAML 2.0, OpenID, and OAuth
 - inception phase
 - October 2013 Release



1 October 2012 *San Francisco CA*

Panel Discussion

- Ludovic Poitou, ForgeRock
- Matt Hardin, Symas
- Pascal Jakobi, Thales Group
- Shawn McKinney, JoshuaTree

Moderator

- Kelly McKinney, JoshuaTree

