

Managing ORION identities – history and future

The World of Digital Identity 2007 workshop

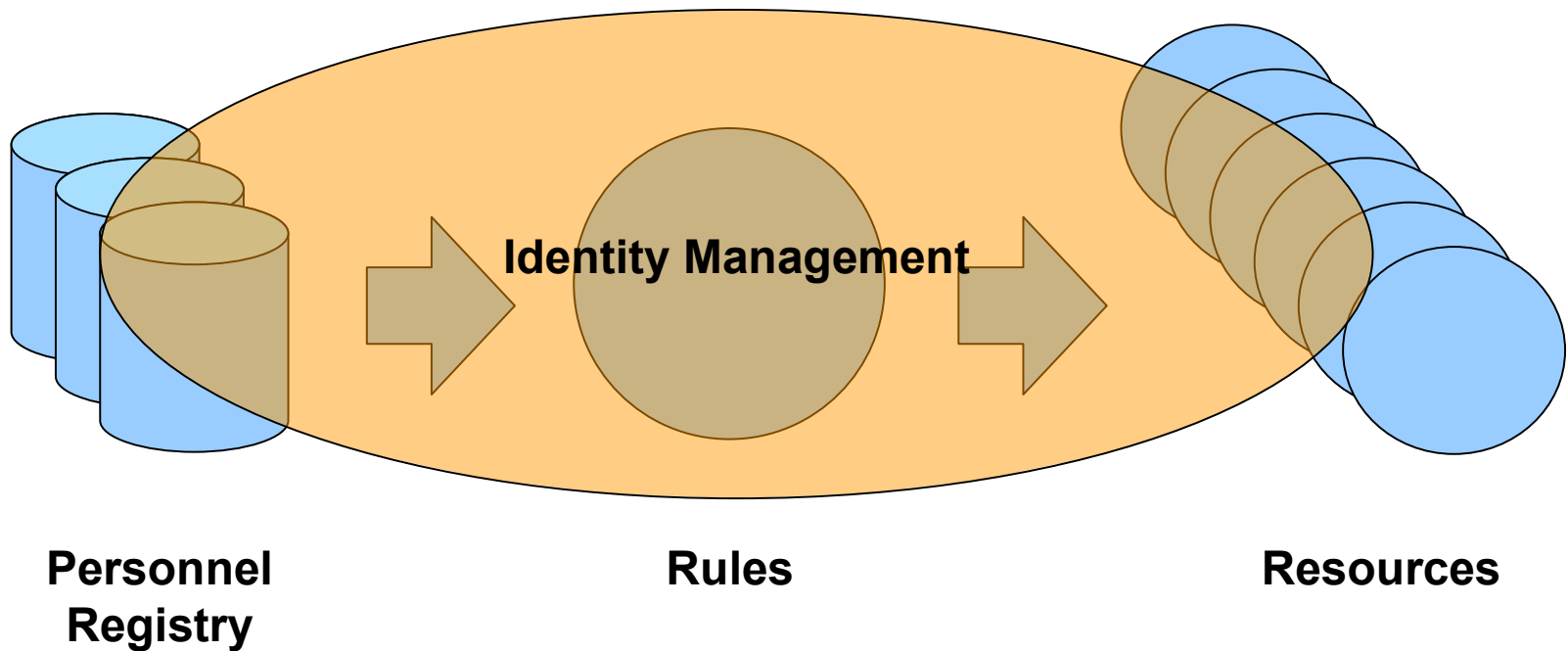
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Contents

- Introduction of Identity Management term (IdM)
- History of managing the ORION computing environment
- Recent stages of project (data consolidation, Sun proof of concept)
- Current activities and future plans of ORION IdM

Identity Management

Complex system for managing sources and identities across computing environment



ORION Computing Environment

- Distributed computing environment at University of West Bohemia
- Based on open principles and technologies
- In operation since 1996
- Fundamental ORION components:
 - centralized authentication (Kerberos)
 - distributed file system (AFS)
 - centralized software maintenance
 - computing environment management system (Moirá)

ORION statistics

- Current situation (approx. numbers)
 - 17000 users (5000 yearly amendments)
 - 6000 WEBnet workstations - 700 under ORION management
 - 180 servers
 - 50 centrally managed applications

CRO (Centralized Personnel Registry)

- Determine relationships between systems from personnel data perspective
- Testing communication infrastructure (JMS)
- Define fundamental rules for sharing personnel data
- Current situation:
 - working relationships CRO-STAG-Magion, JIS preparation
 - successful data consolidation
 - authoritative identity resource

Identity Management software features

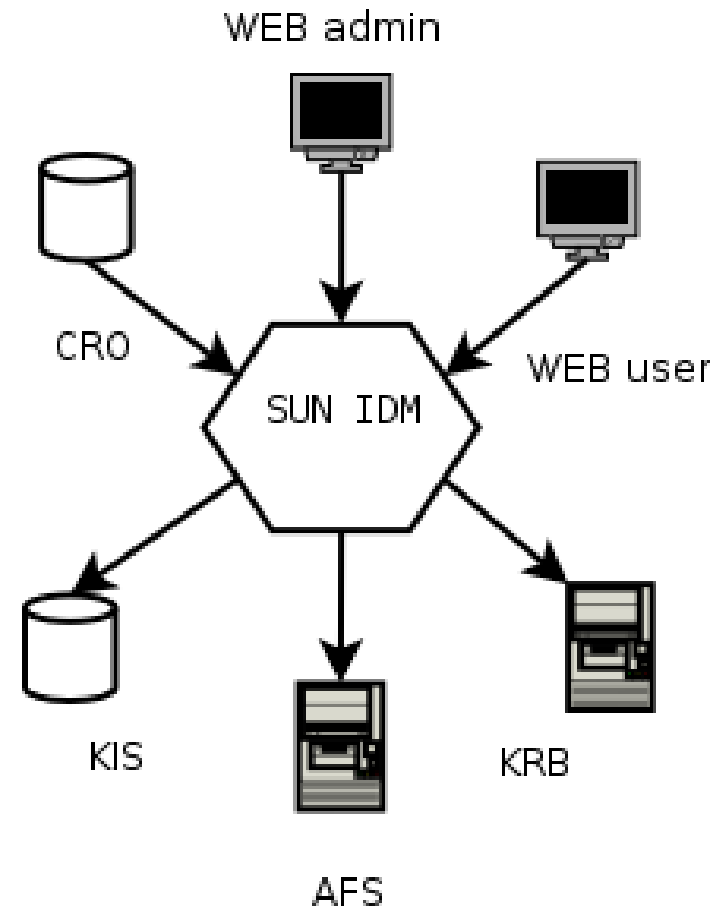
- Quality provisioning (with least amount of changes to connecting systems)
- Simple workflow system
- Reasonable implementation cost
- Ability to connect to other systems using our own sources
- Vendor support, if needed

Reasons for choosing Sun Java System Identity Manager

- Discharge of fundamental requirements
- Reasonable licensing fees
- User references
- Sun offer ORION a free Proof of Concept service
- Results of PoC

ORION Proof of Concept components

- Connection to Registry
- Web administration
- Web self administration
- Account lifecycle
- Typical application role assigning



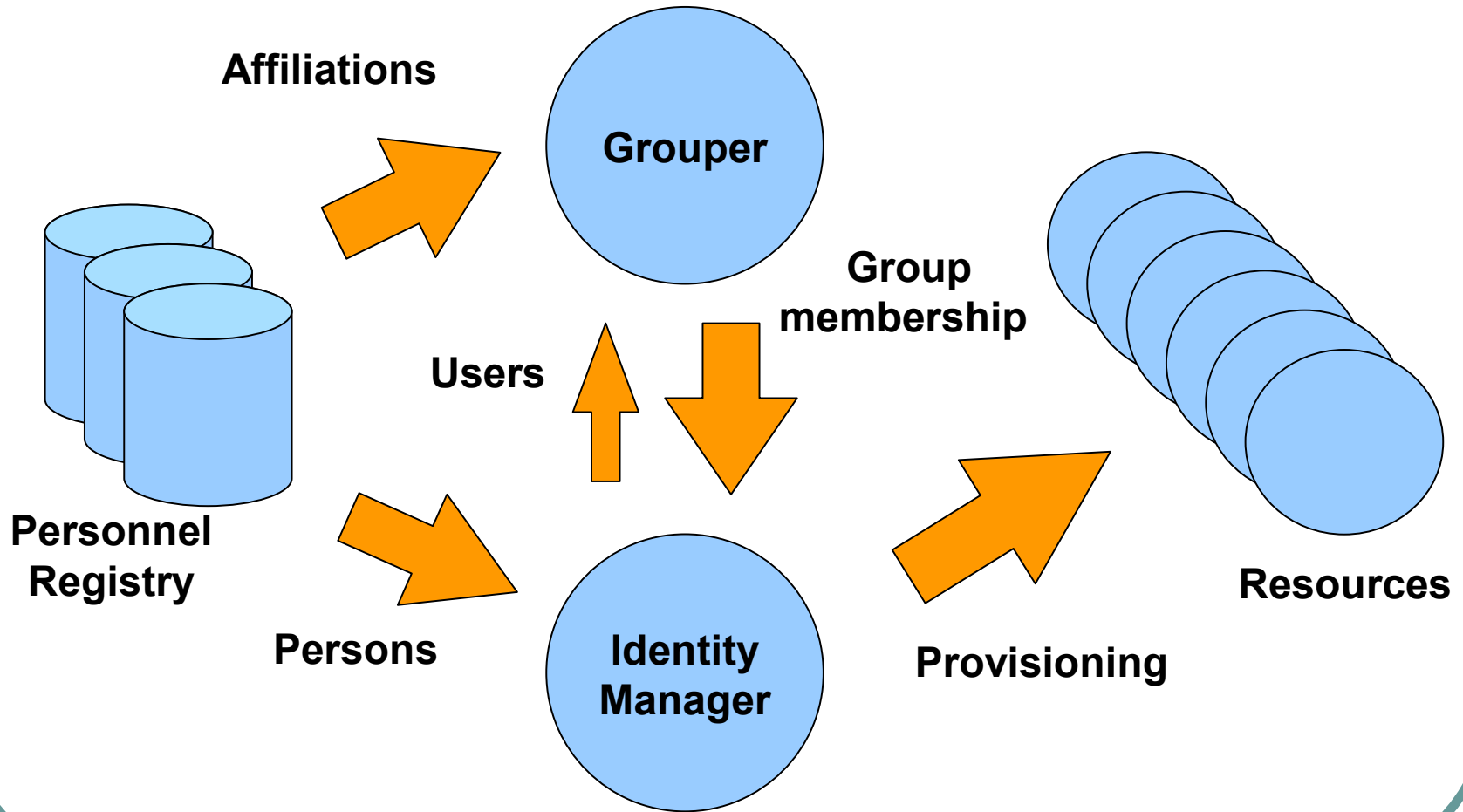
ORION PoC results

- PoC requirements mostly proven
- Creating fundamentals for practical implementation of ORION Identity Management
- Necessity to improve our information base

Current situation and activities

- Two of our people participated on a Sun Educational Services' Course
- Launched a co-operation project between CIV and Avnet (our Sun partner)
 - CIV team solves standard ORION system connections, setting and configuring IdM
 - Avnet solves non-standard resource adapters and special requirements

ORION IdM scheme



Timetable ORION IdM

2006

product selection, proof of concept and its evaluation, Sun IdM training

first half of 2007

implementation of basic parts of Sun IdM, and Moira replacement

**second half 2007,
2008**

connection of other systems, implementing local administration support, and federated systems

Questions...

Thanks for attention

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