THE FUSIONIAM INITIATIVE

Clément OUDOT – Identity Solutions Manager
clement.oudot@worteks.com
Identity and Access Management

• Identity Management:
  • Account creation and deletion (lifecycle management)
  • Provisioning into Information System
  • User self services (account edition, password change, ...)
  • Identity reconciliation

• Access Management:
  • Give permissions to users
  • Apply authorizations
  • Audit access
IAM market

- Market hold by big closed source editors
- Mostly american companies
- Sofwares with many features but often complex to install and administrate
- Licence fee per user
IAM in Open Source

• A lot of Open Source products already exist but:
  • They cover only a subset of IAM features
  • They don't integrate easily each others, even if they respect standard protocols
• The FusionIAM initiative has choosen some of these products and propose to ship them as a unified platform
LDAP Synchronization Connector

- BSD License
- Java
- RPM or Debian packages
- Data synchronization between:
  - LDAP directories
  - Active Directory
  - Databases
  - Flat files
  - API
LDAP Synchronization Connector

1. List all entries Read pivot
2. Get each entry Read attributes
3. LSC
4. Calculate modifications
5. Apply modifications

Source

Get each entry Read attributes

Destination
LDAP Tool Box White Pages

- GPL License
- PHP
- RPM or Debian packages
- Read-only access to LDAP data (users and groups)
- Gallery and advanced search form
LDAP Tool Box White Pages
Fusion Directory

- GPL licence
- PHP
- RPM or Debian packages
- Manage LDAP entries:
  - Users
  - Groups
  - Devices
  - Service accounts
  - Organizations
  - Roles
OpenLDAP

- BSD License
- RPM and Debian packages from LDAP Tool Box project
- LDAPv3 compliance
- High performances
- Password policy
- Standard and virtual directories
LemonLDAP::NG

- GPL License
- Perl/JS
- RPM or Debian packages
- Authentication portal
- Application Menu
- CAS/SAML/OpenID Connect protocols
- Access control based on rule engine (RBAC/OrBAC/ABAC)
FusionIAM project status

- Website: https://fusioniam.org/
- Forge: https://gitlab.ow2.org/fusioniam/fusioniam
- Mailing lists:
  - https://mail.ow2.org/wws/subscribe/fusioniam-users
  - https://mail.ow2.org/wws/subscribe/fusioniam-dev
- Roadmap for version 1.0:
  https://gitlab.ow2.org/fusioniam/fusioniam/-/milestones/1
THANKS FOR YOUR ATTENTION

More informations:

- info@worteks.com
- @worteks_com
- linkedin.com/company/worteks