Trust & Identity Incubator
Instant User Provisioning and Deprovisioning activity

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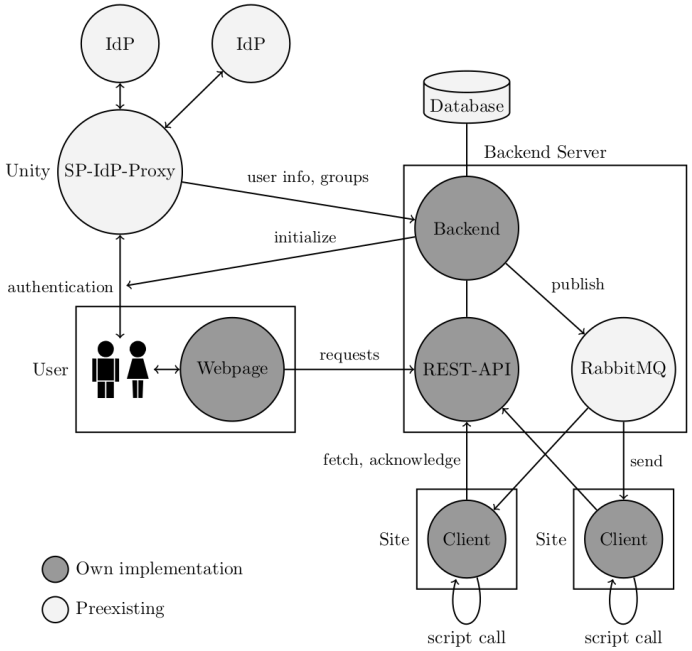
Overview

- Provision users on federated downstream services (e.g. behind a proxy)
  - Create accounts
  - Provide necessary information to services
  - Deprovision users
- Two (at least) solutions:
  - FEUDAL
  - PERUN
- Decentralized vs Centralized
- Asynchronous vs sequential
- General vs per-service data format

FEUDAL

- Federated User Credential Deployment Portal
  - Web application (OIDC client)
  - Provision/deprovision users
  - Deploy credentials (e.g. SSH)
  - AuthZ discrimination
- Architecture
  - Web portal (UI)
  - Backend+database (user info and credentials)
  - Clients (deployed service side) + “adapters”
- Pub-Sub

FEUDAL



- Web portal (user interaction point)
- REST API
- Backend
  - Django
- RabbitMQ (Pub-Sub)
- Clients (Go, Python, etc)
- Scripts
  - Adapters
- JSON data format:
  - Status
  - User info
  - credentials

Goals

- Verify the usefulness of the approach
- Verify (standardize?) the data format
- Test services
- Deployment and usage scenarios
  - Provision local users
  - Provision users for local applications
  - Cloud applications
- Deprovisioning of the users

Status and next steps

✓ Done:

- FEUDAL data format
- Initial discussions with the stakeholders

▢ Next:

- Discuss (agree?) on data format
- Connect services
- Connect FEUDAL

⛔ Blocker:

- TechEx

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Thank you

Any questions?

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