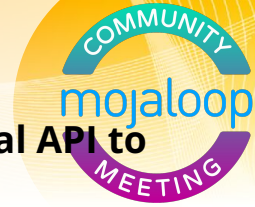


Business Operations Framework for Mojaloop

Mojaloop PI-16 community event



PI 15 Goal - Biz Ops Framework



Goal

Definition of the Role Based Access Control (RBAC) approach to Operational API to access functionality and demonstration of front-end strategy

Key Epics Objectives

1. [stretch] As a compliance officer I access the audit trail of operator activities

2. As a hub operator I can define the role based policy that a DFSP can use to access settlement reports and reconciliation

3. As a DFSP I can obtain the settlement reconciliation report directly from the hub

4. As a hub operator I can trace a transfer from beginning to end including settlement in order to deal with a dispute effectively amongst other scenarios, seeing error messages chronologically.

Not Doing now but important next & Risk / Issues

1. Correlation between discovery-quote-transfer end to end & multi-Party lookup
2. Transaction end to end (multiple transfers)
3. Pretty interfaces for all actions, text entry will be adequate
4. Liquidity Management - possible conversion to the Biz Ops Framework
5. Finance Portal v2.0 enhancements based on the above
6. A Self-Serve DFSP Portal

Success Defined How?

1. Demonstration of a DFSP portal that implements the RBAC demonstrating how a DFSP can access to settlement reconciliation reports.
2. Demonstration of a HUB portal that demonstrates a transaction traceability for a hub operator.

3. PC - accepted Initial Business Process documentation and RBAC design.
4. DA - agreed to technical design of the framework
5. [Stretch] Demonstration of how the Audit Trail for hub operators can be accessed.

Team



- Paul Baker
- Sam Kummary
- Vanda Illyes
- Vijay Kumar
- Kevin Leyow
- Len Bekker
- Yevhen Kyriukha
- Ivan Annovazzi
- Russell Duhon
- Victor Akidiva
- David Fry
- Paul Makin
- Johann Nel

Work completed

Improved Hub operations



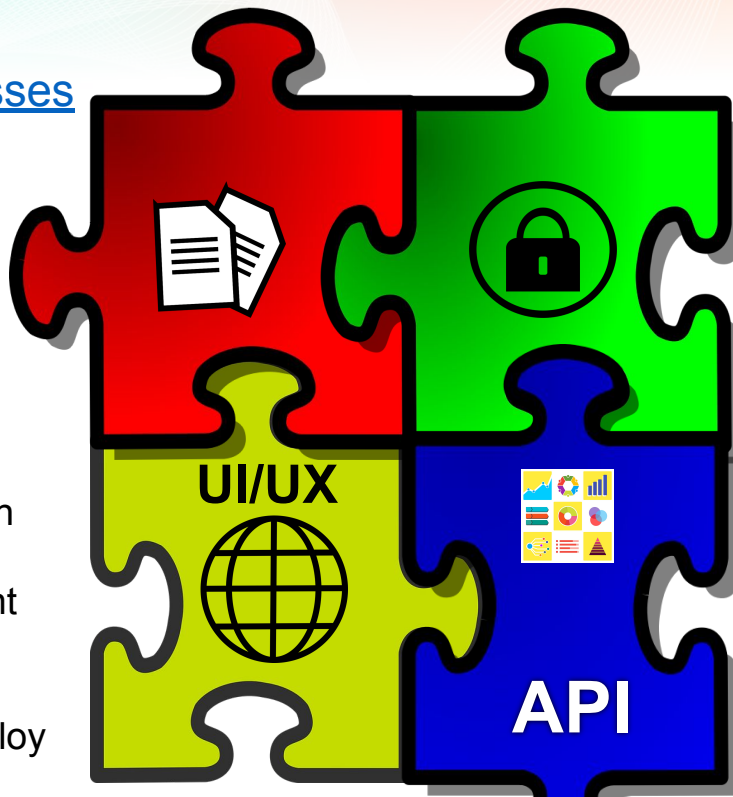
Documented hub processes

Documented Design documents

UI/UX

JAMStack atomic deploys with microservices.

- Decoupling development efforts
- High performance
- Easy to secure and deploy



Security BC

Production Grade RBAC technical implementation

- Ory & Zanzibar
- Add to IaC

Reporting BC

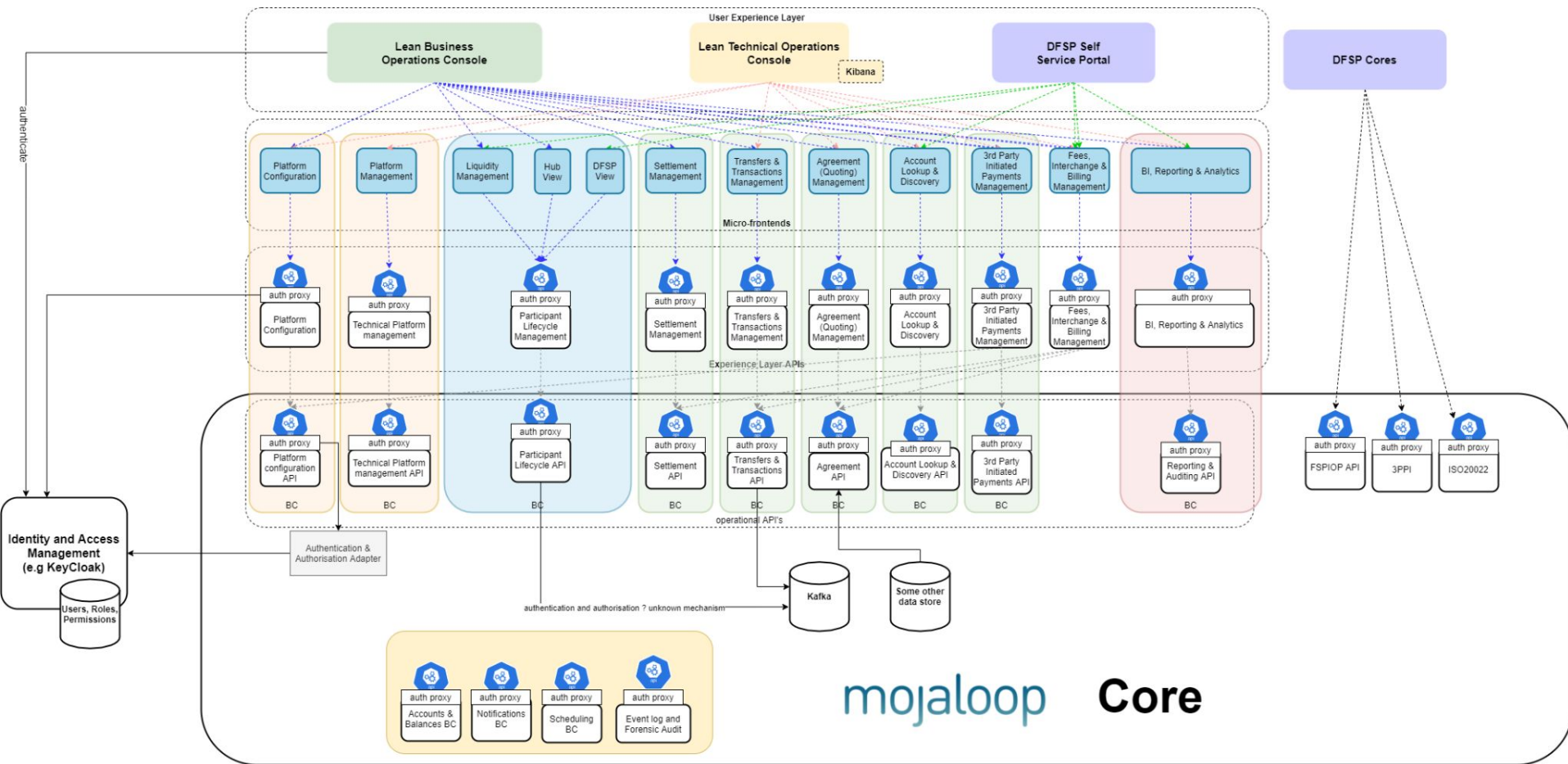
RBAC enabled reporting API

→ on which interactive UIs

- Reporting DB
- Kafka event processor and Reporting Event Store

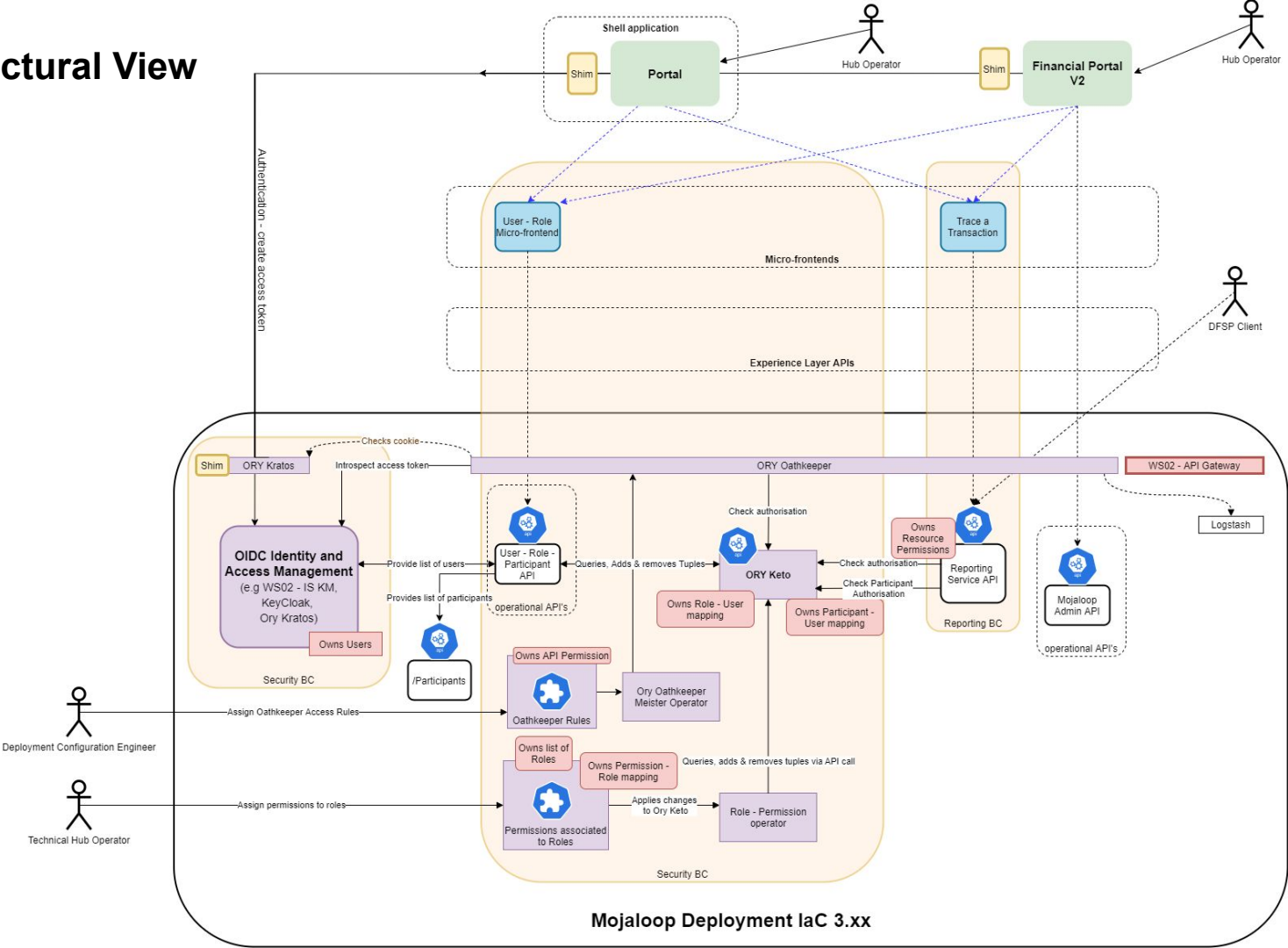
Reference Architecture

Varying Infrastructures



PI15. Framework Architectural View

Architectural View



Demo



1. Production Grade RBAC implementation & tracing of a transfer end-to-end
2. How is is going to be used initially?
 - Financial Portal V2

Work yet to be completed:

1. IaC integration
2. Financial Portal V2
 - a. Switch existing FP2 functionality to use BizOps RBAC
 - b. UI Polish
 - c. Extension to end to end tracing functionality

Goals for next PI



Business Operations Framework in production

1. IaC support
2. Financial Portal V2

Community Collaboration

1. On the documented hub business processes
2. Other workstreams adding to functionality by building/ contributing micro-frontends