



Mojaloop Fintech Sandbox

PI-22 update

June 2023. Desire Kachenje, Sam Kummary

Workstream Update -

<https://community.mojaloop.io/fintech-sandbox>



Workstream Name:	Fintech Sandbox
Roadmap Pillar:	Pillar 1: Make Adoption Easier
Lead:	Sam Kummary, Desire Kachenje
Workstream Objectives:	<ol style="list-style-type: none">1. Develop a process to make a sandbox available for a fintech or hackathon.2. Update sandbox capability to support Mojaloop v15
Progress Against Objectives:	<ol style="list-style-type: none">1. Process to make sandbox available / request a sandbox in review stages2. Support for spinning up sandbox with v15 currently available - improvements in the pipeline3. Documentation of various tools for different sandboxes - in progress
Anticipated Progress by PI End:	<ol style="list-style-type: none">1. Process to request a sandbox is published (Accelerator program)2. Capability to spin-up and down a sandbox using Mojaloop IaC is available on demand3. Document with information on various tools for sandboxes and their capabilities is ready for review
Roadblocks:	Resourcing - resolved recently mid-PI
Support Needed:	Capability to upgrade sandbox capabilities to v15 patch release(s)

Mojaloop Fintech sandbox PI-21

Goals for the PI

1. Deploy a Mojaloop sandbox **v15.0.0** (or greater) using IaC (with access approved by MLF)
2. Maintenance of the sandbox for refreshing versions, upgrades, bug fixes
3. Draft document developed for process to raise a request for sandbox (and assumptions)

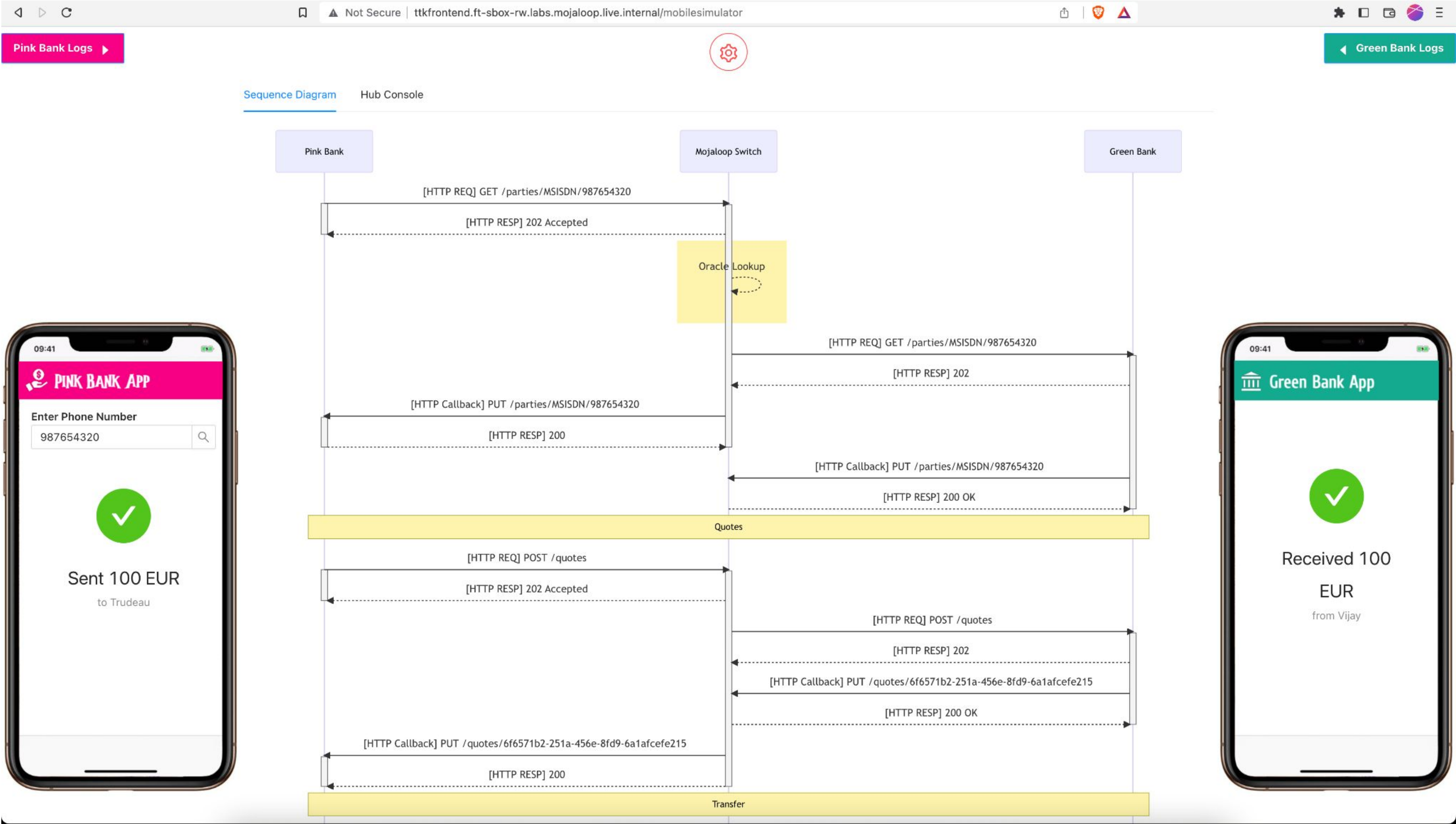
Fintech-sandbox: Application



Overview:

1. Brief overview of your organisation, requirements (access types, time period)
2. Use cases, scenarios
3. Project overview, expected outcomes
4. Support needed
5. Request to provide report, demonstrations
6. Request for feedback

Fintech sandbox: Demonstrability

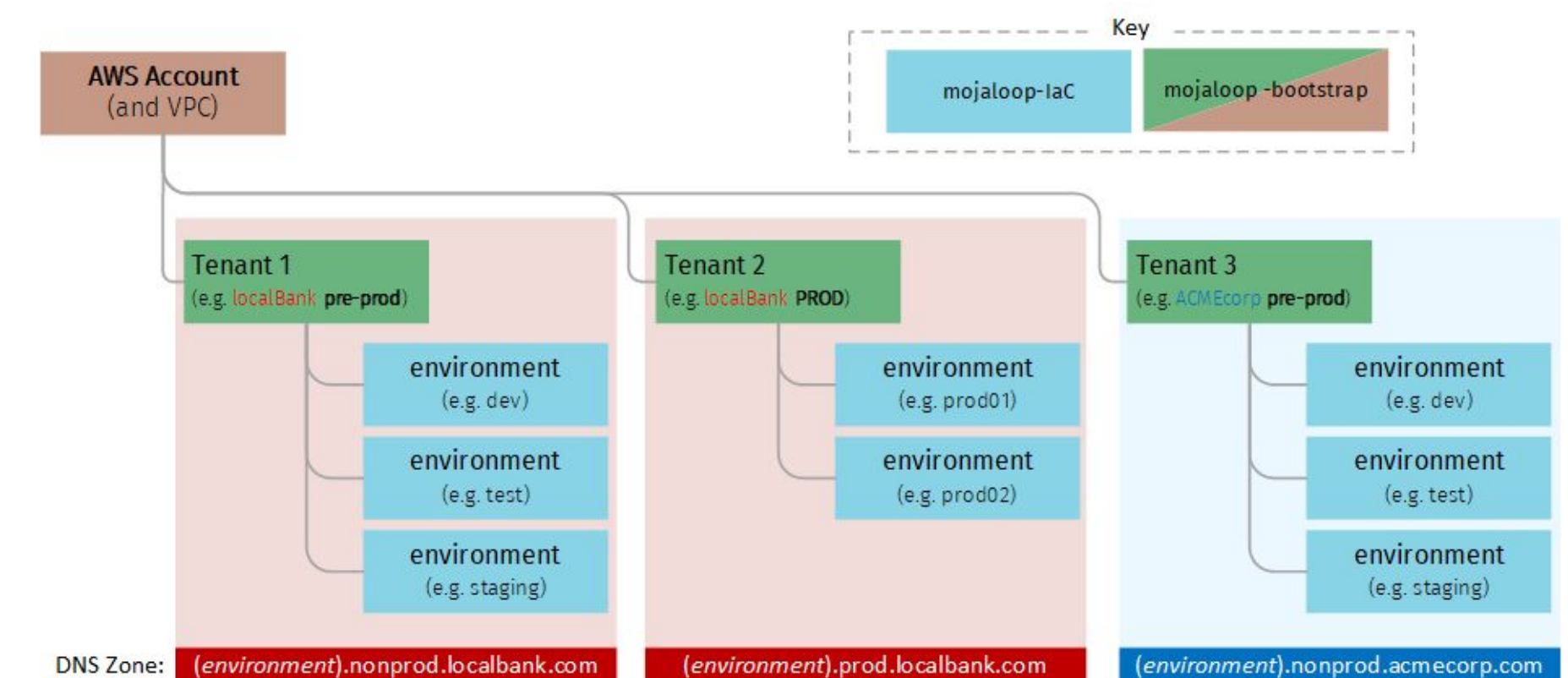


Fintech sandbox Status

Updates

1. Sandox capability for latest version of Mojaloop (using IaC on MLF AWS)
2. Capability to deploy a **fintech-sandbox** with Mojaloop **v15.1.0** (using IaC [v4.1.0](#))
3. Refreshed to support adoption
4. Application (process) can be made available as part of Mojaloop Accelerator program

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Fintech sandbox features

1. Use-cases: P2P, Bulk, 3PPI, Settlement, RTP
2. Deployed using **laC** (Tech support dashboard, pipelines, traceability, history)
3. **VPN** for hub access
4. **FSP Simulators** for specific scenarios (pm4mls)
5. Gateway: WSO2
6. Finance **Portal** with **RBAC**
7. **Reporting** Engine
8. **Security**: support for mTLS, JWS, ILP (vault, key/secret management)
9. Support for **onboarding**
10. **UIs**: Finance Portal, ML Toolkit, UI of simulated FSPs (pm4ml UIs)

Mojaloop Fintech sandbox - roadmap

Goals for PI-22

1. Provide (scalable method) **access** for onboarding fintechs
2. Test, validate latest Mojaloop releases (for this PI - **v15.1.0+**)
3. Cost optimization (scripts, narrow down services needed)
4. Document capabilities of tools in Mojaloop (IaC, Miniloop, ML Toolkit)



Thank you!