

mojaloop

PISP Progress Update

Mid PI 11 - September 2020

JJ Geewax, Lewis Daly

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PI11 Objectives

- 1. End to End Transfers Flow at the switch**
- 2. Scheme Adapter + Mojaloop Simulator implementation for E2E Transfers**
- 3. Fully Implemented Auth Service**
- 4. Account Linking flow at Switch**
- 5. Working MojaPay PISP Demo App**

PI11 Objectives

1. End-to-End Flow at the switch **95% complete**

2. Schema Adapter + Mojaloop Simulator implementation for E2E Transfers **85% complete**

3. Fully Implemented Auth Service **95% complete**

4. Accounting flow at Switch **Backlog**

5. Working MojaPay PISP Demo App **80% complete**
Ongoing

PI11 Objectives

1. End to End Transfers Flow at the switch

Remaining Work:

- Transaction callback to PISP

PI11 Objectives

2. Scheme Adapter + Mojaloop Simulator implementation for E2E Transfers

Remaining Work:

- Porting of sdk-scheme-adapter functions to new thirdparty-scheme-adapter
- Writing E2E tests

PI11 Objectives

3. Fully Implemented Auth Service

Remaining Work:

- Integration tests
- Minor FIDO registration modifications

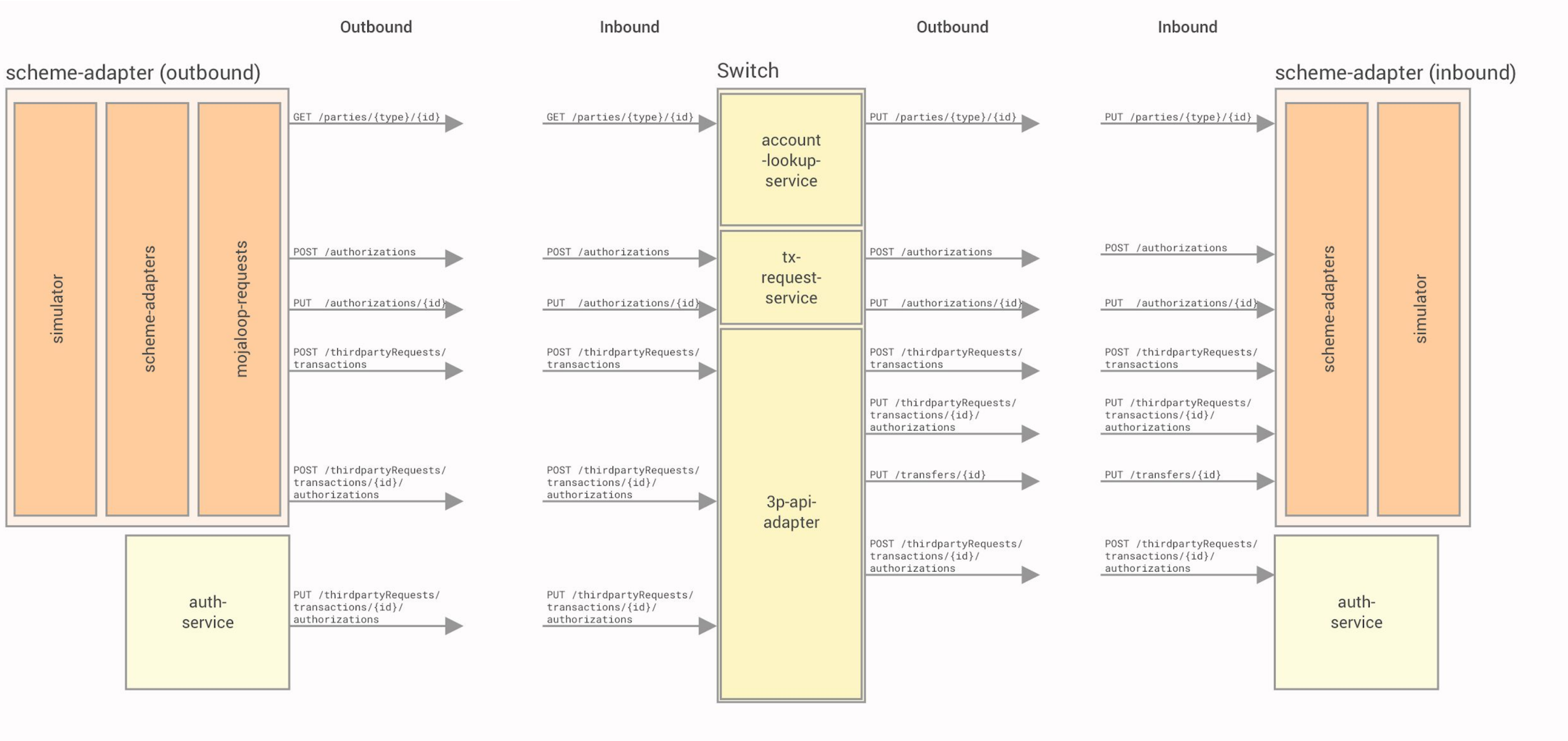
PI11 Objectives

5. Working MojaPay Demo App

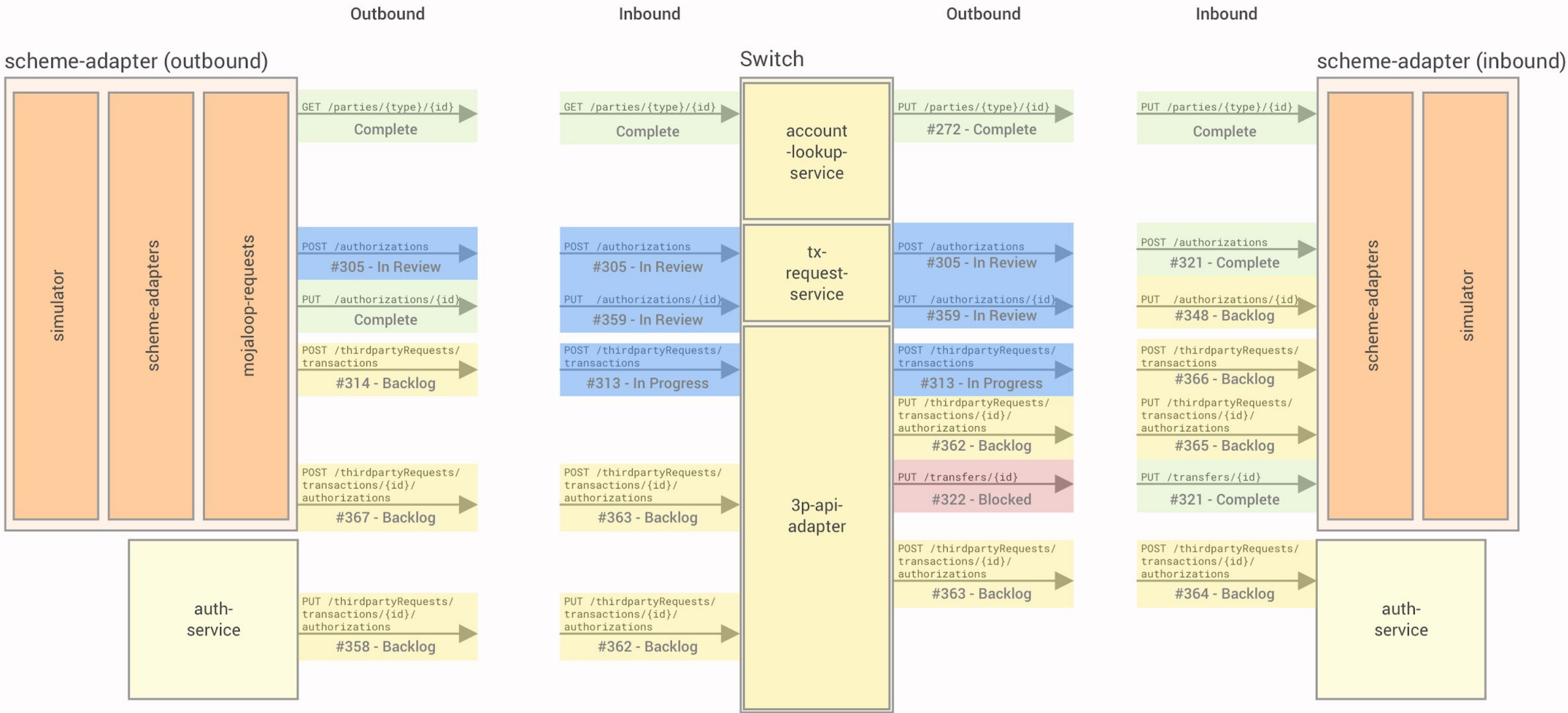
Remaining Work:

- Connect account linking with testing-toolkit

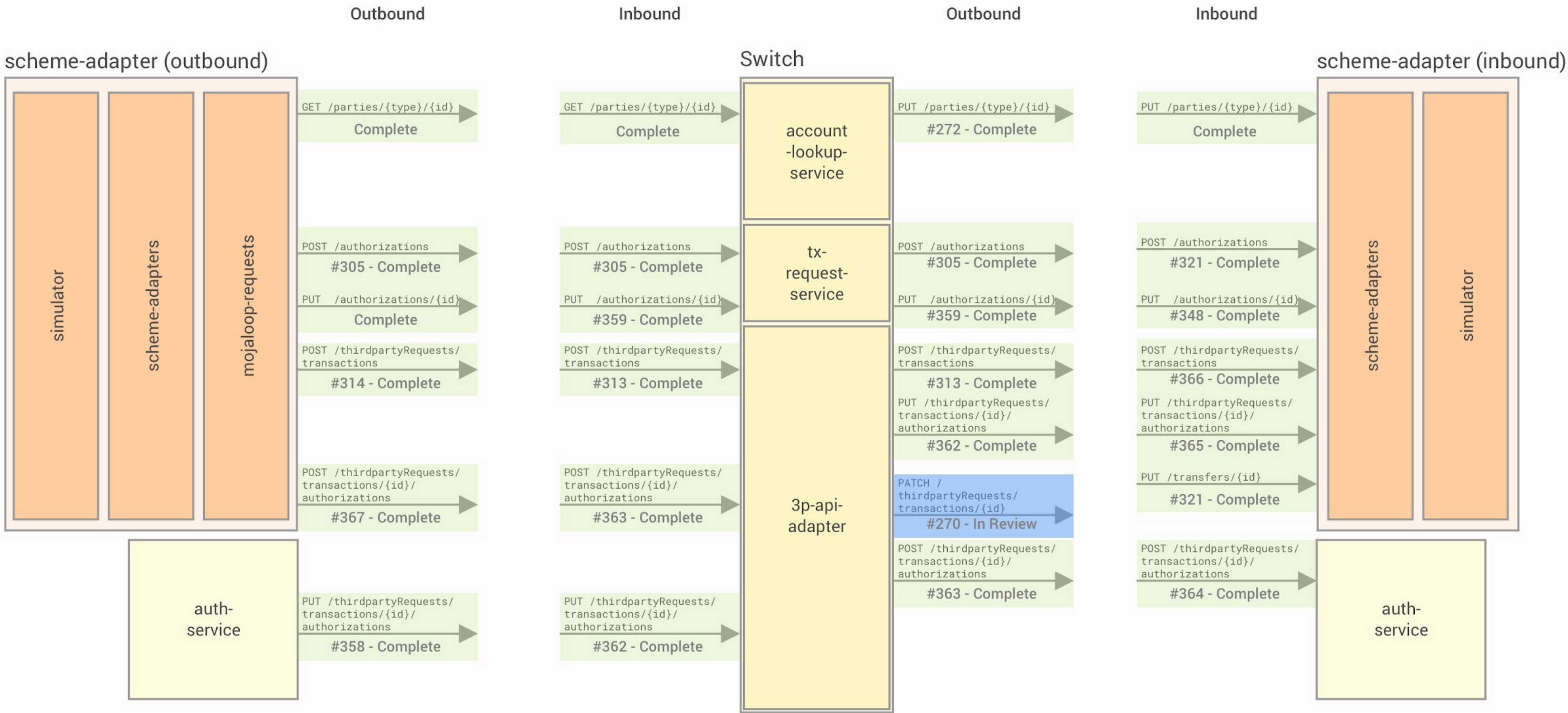
Transfers End To End - Overview



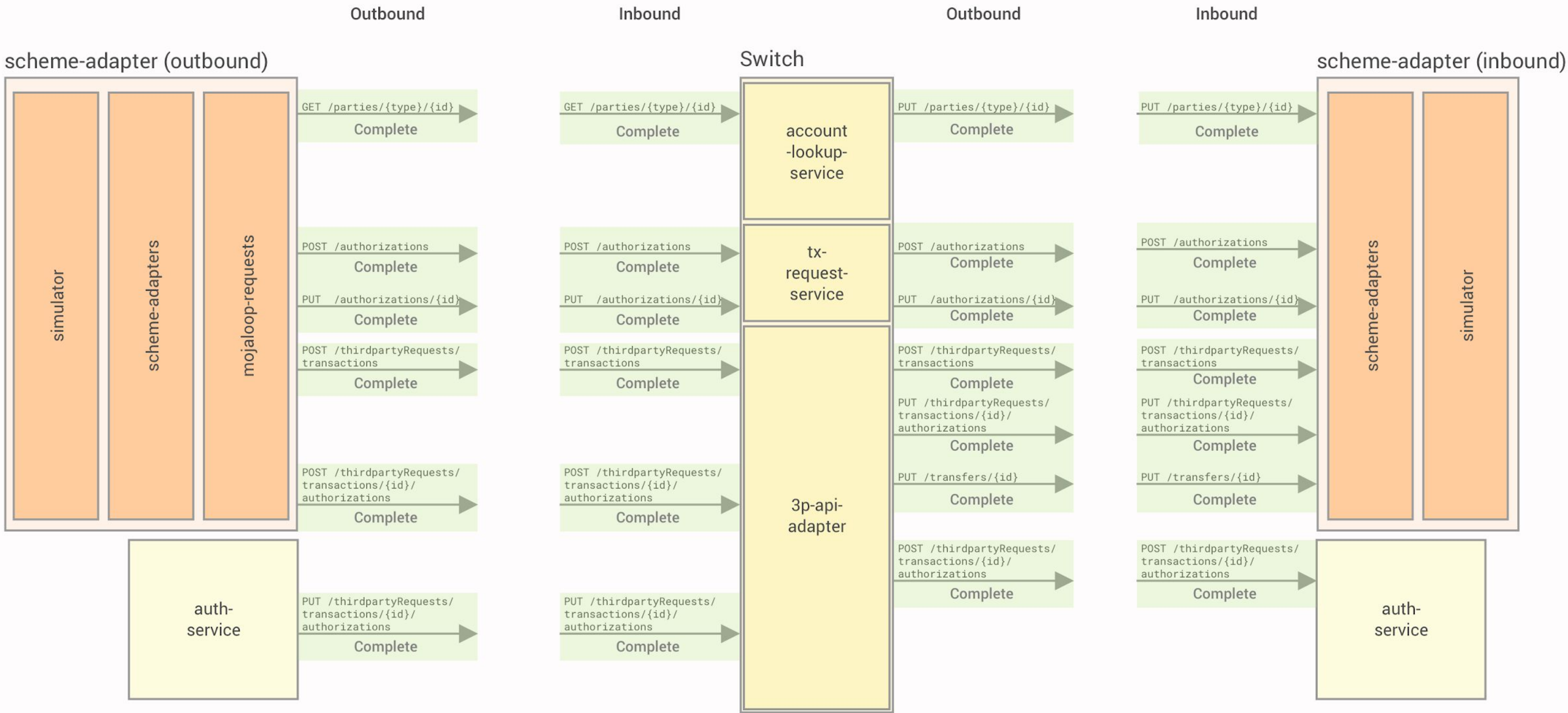
Transfers End To End - PI 10



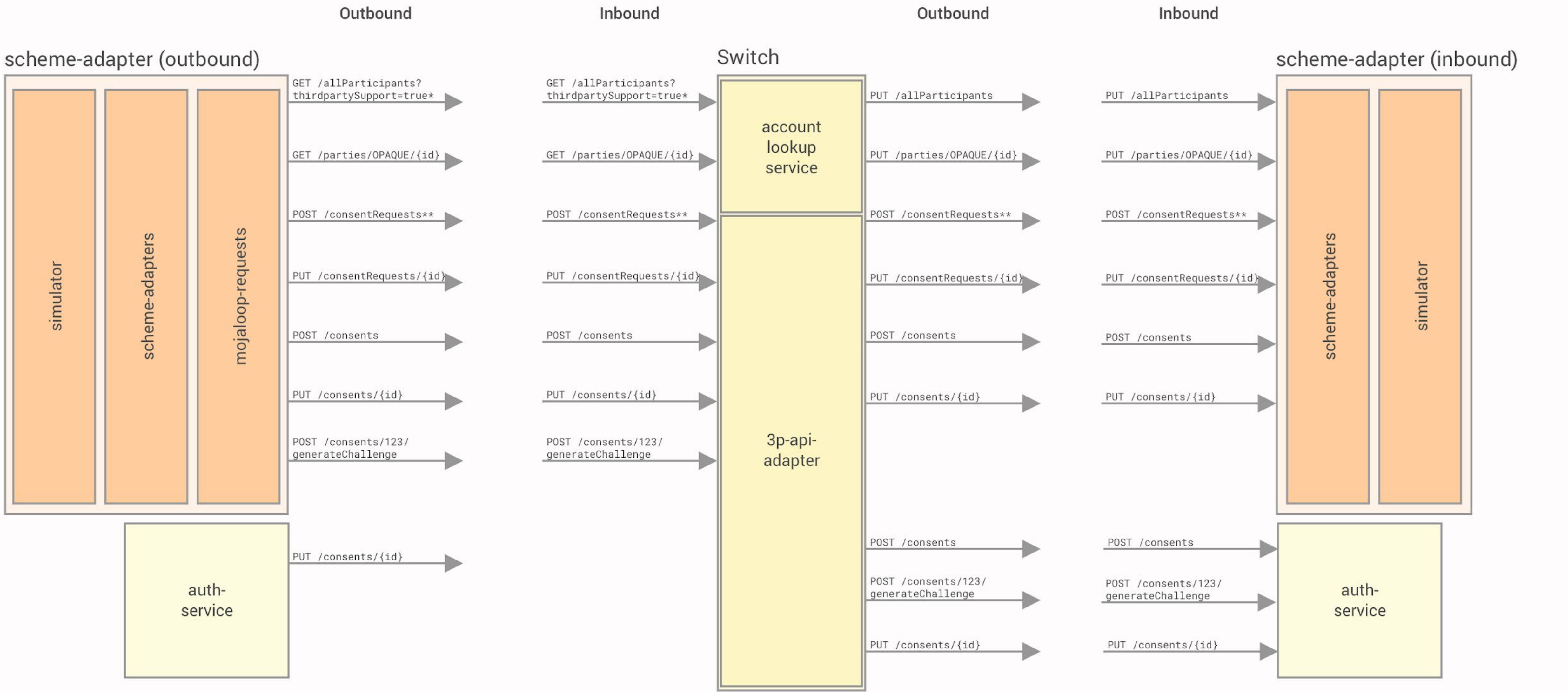
Transfers End To End - Today



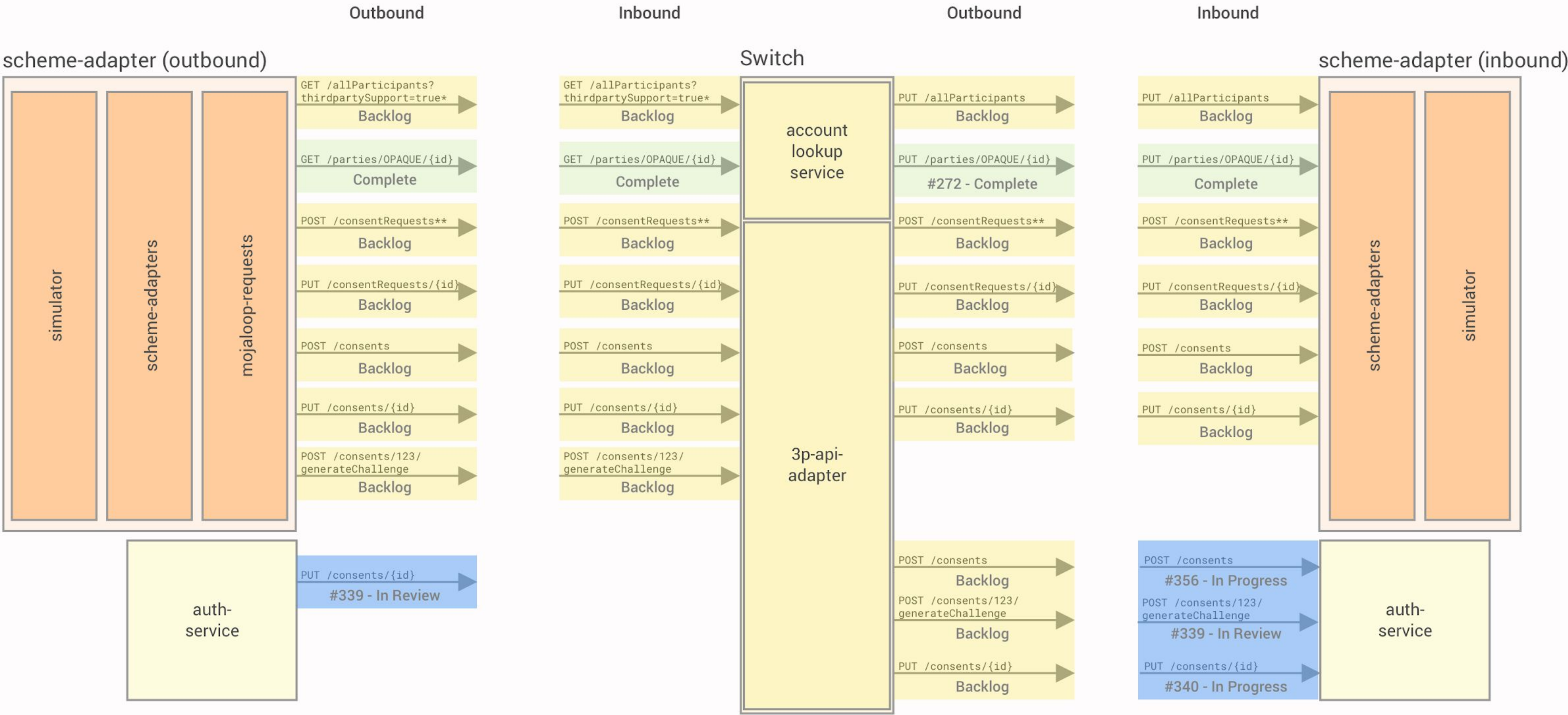
Transfers End To End - Goal for PI 11



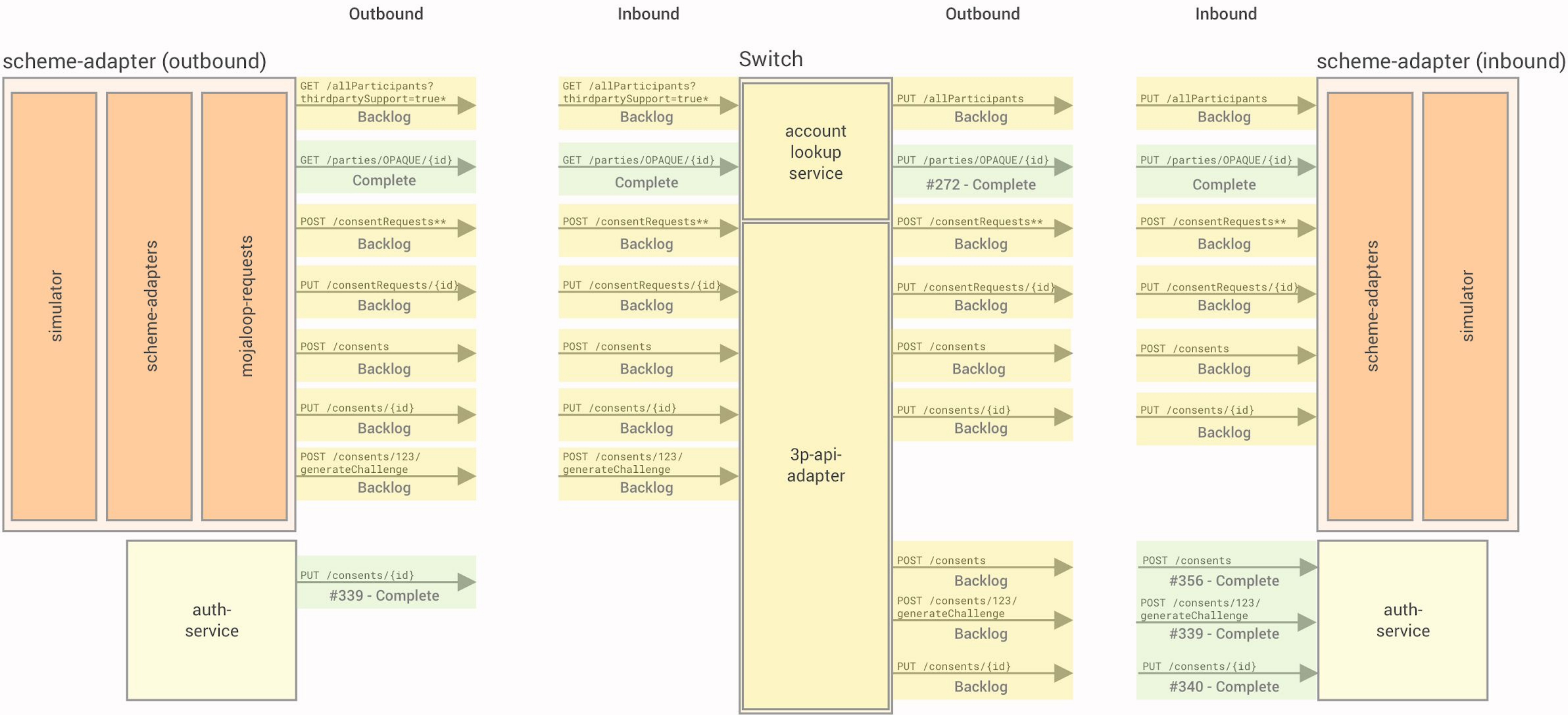
Linking End To End - Overview



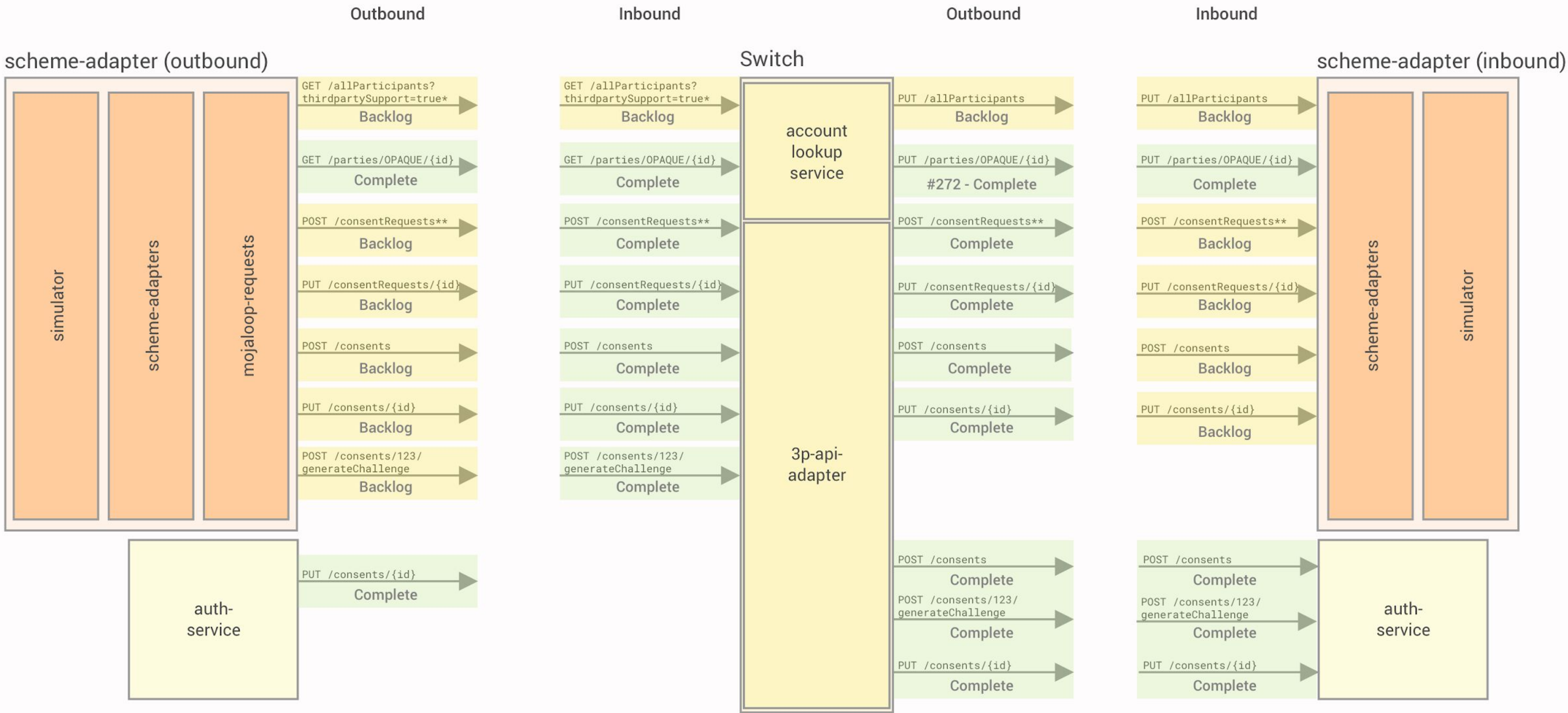
Linking End To End - PI 10



Linking End To End - Today



Linking End To End - Goal for PI 11



3rd Party Callback Design

3rd Party Callback Design

Challenge: *How do we allow interested parties to listen in to events that are happening inside the switch?*

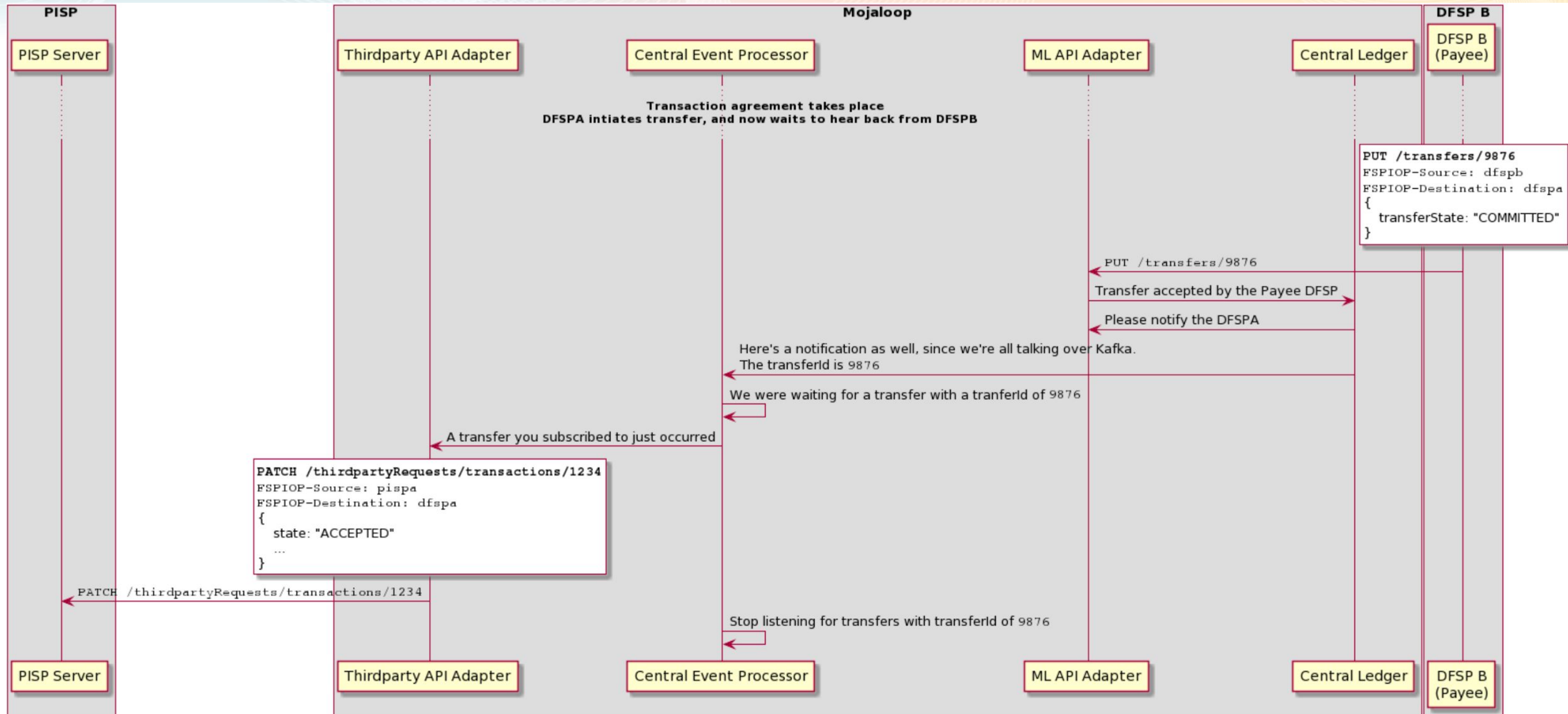
In this case, how do we inform a PISP of a completed transaction?

When the central-ledger emits a Notify Fulfil event,

Then send a PATCH /thirdpartyRequests/transactions/{id}

Ref: https://github.com/mojaloop/pisp/tree/master/docs/transaction_callback

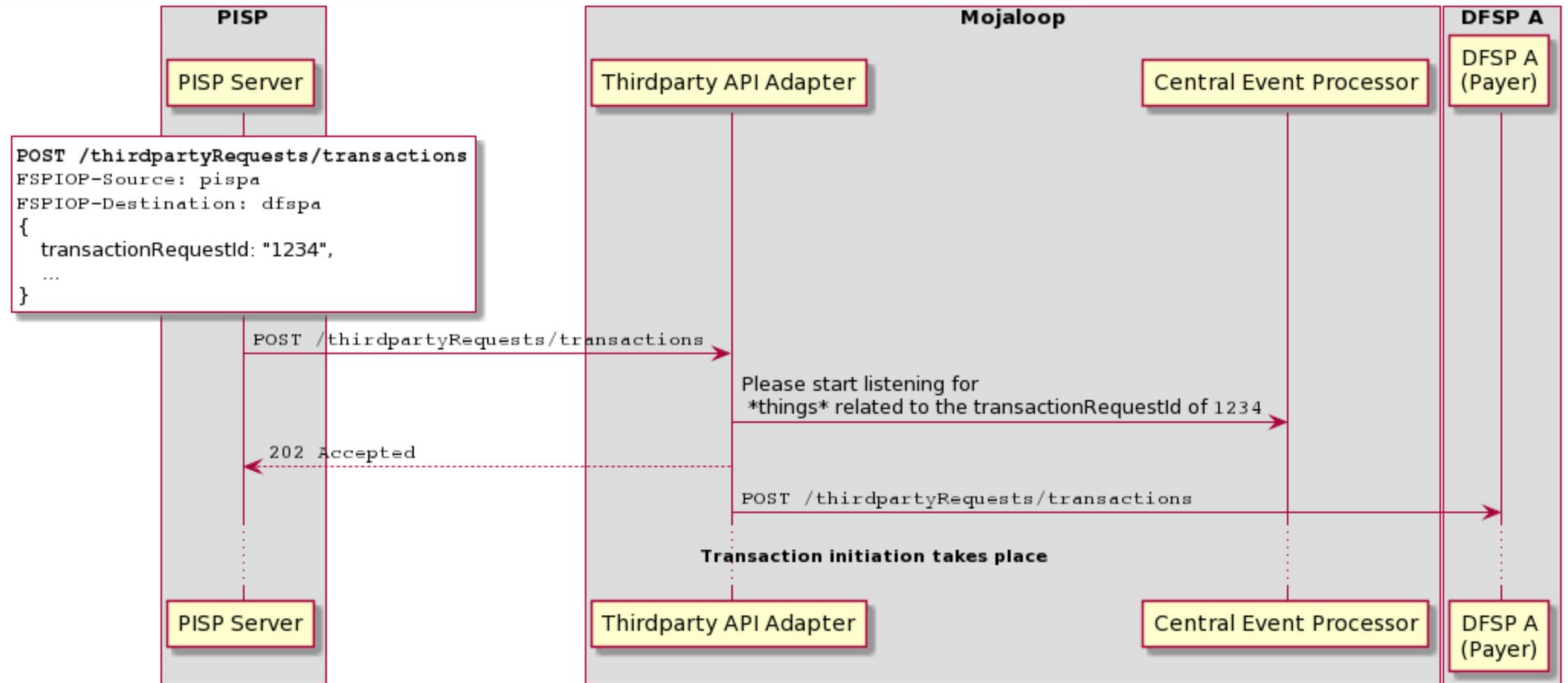
3. Final Transaction Notification



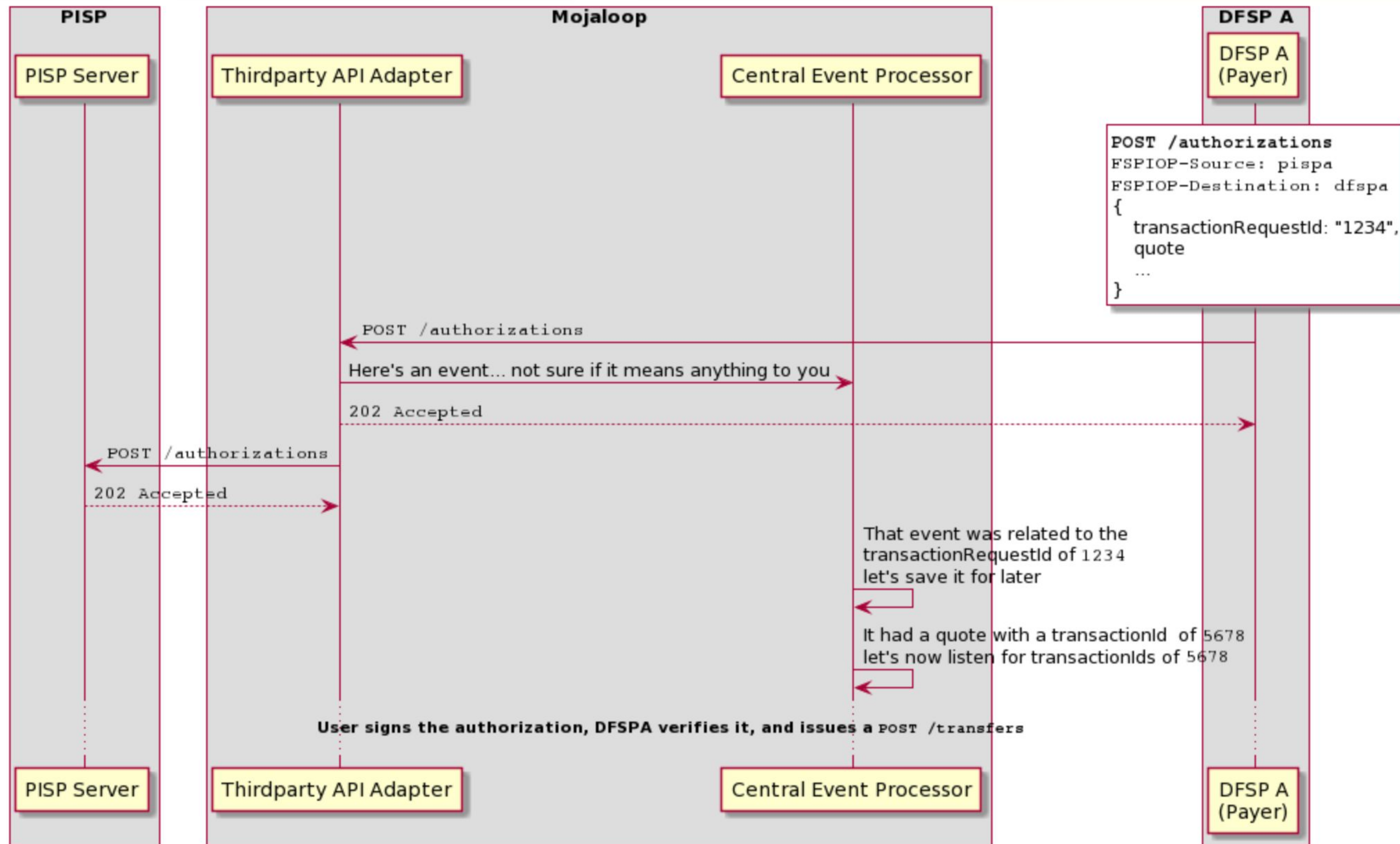
Final Transaction Notification



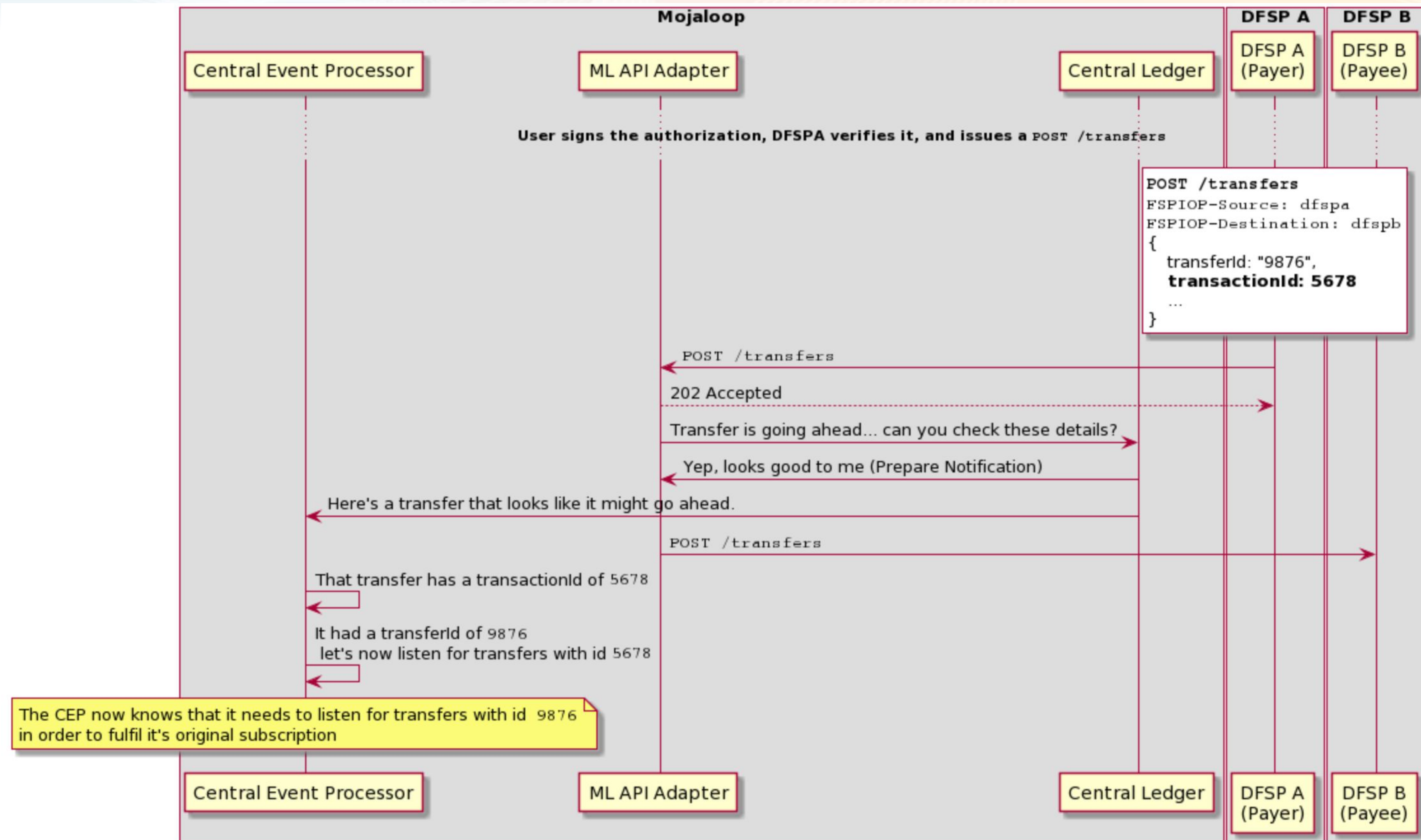
1. Subscription



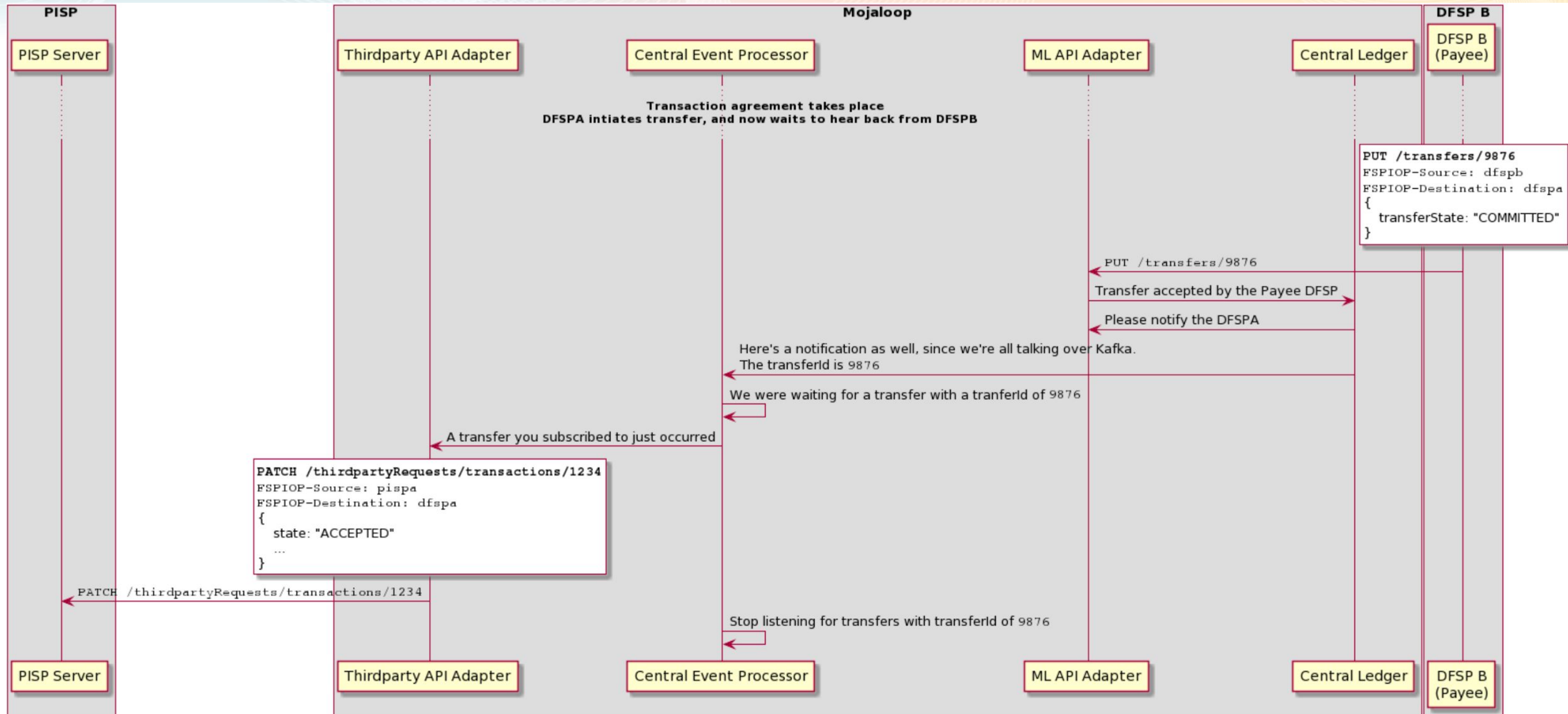
2. Gather Context



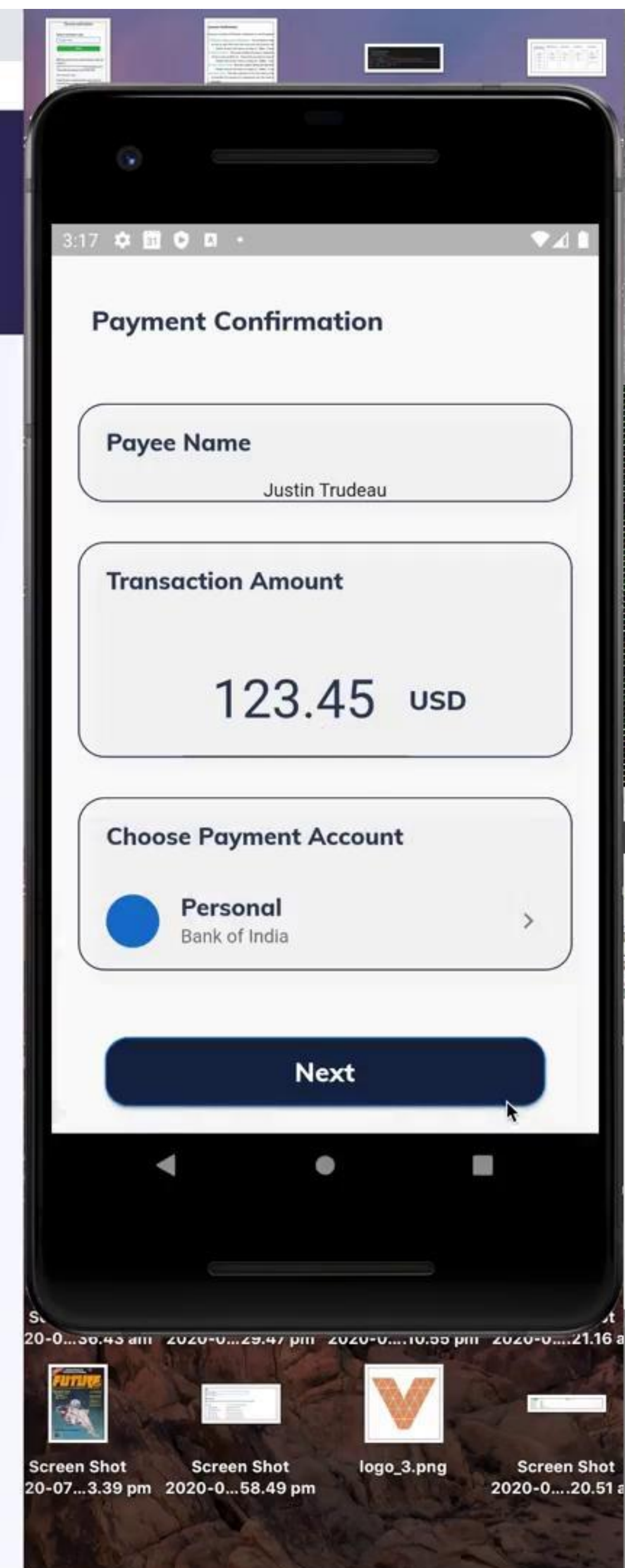
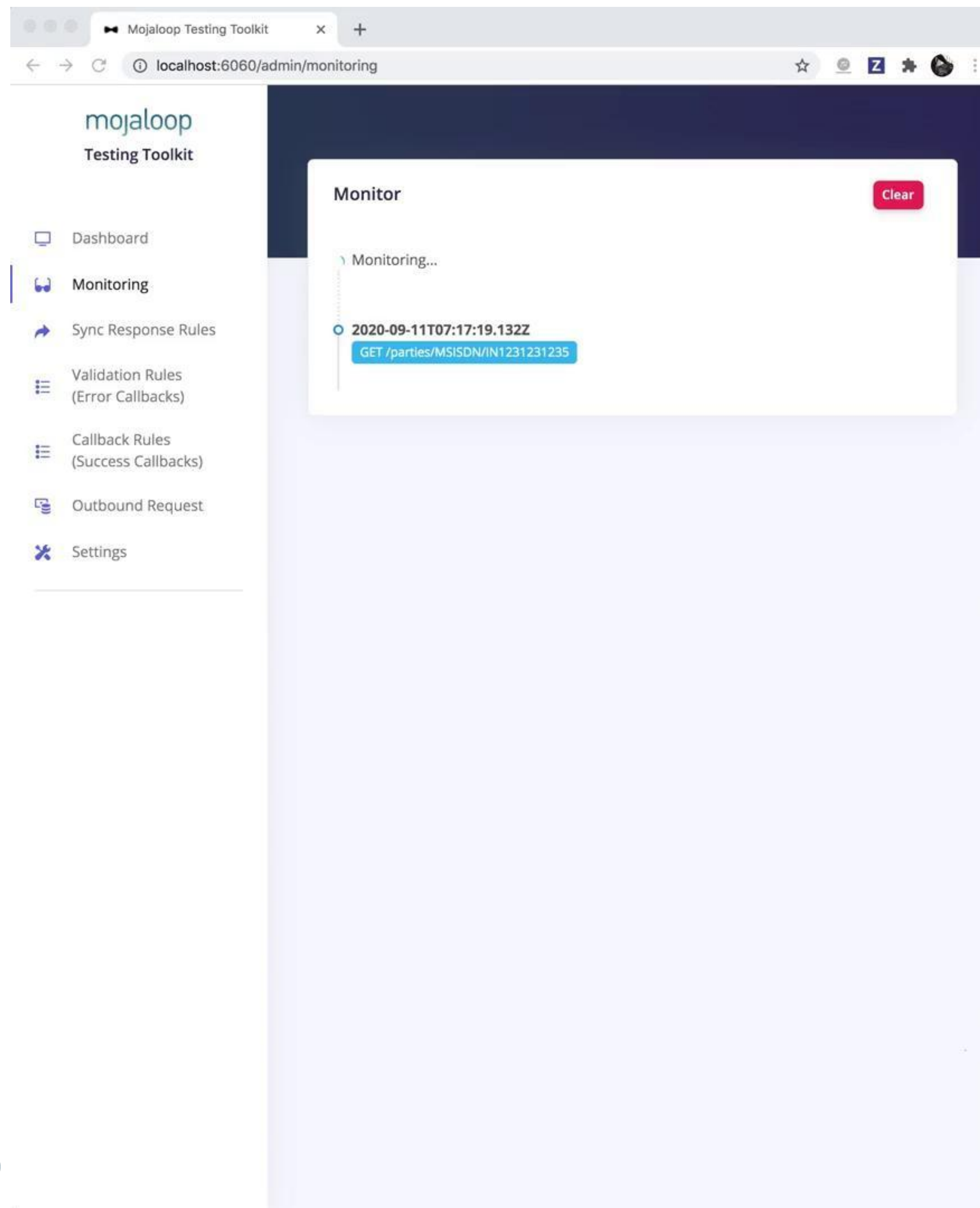
2. Gather Context



3. Final Transaction Notification



Demo App + Testing Toolkit



Plan for the rest of PI11

- Go to DA with our Transaction Notification Design
- Continue working on our Objectives
- Recruit more contributors (20% folks at Google)

Questions? Comments?

Thanks