



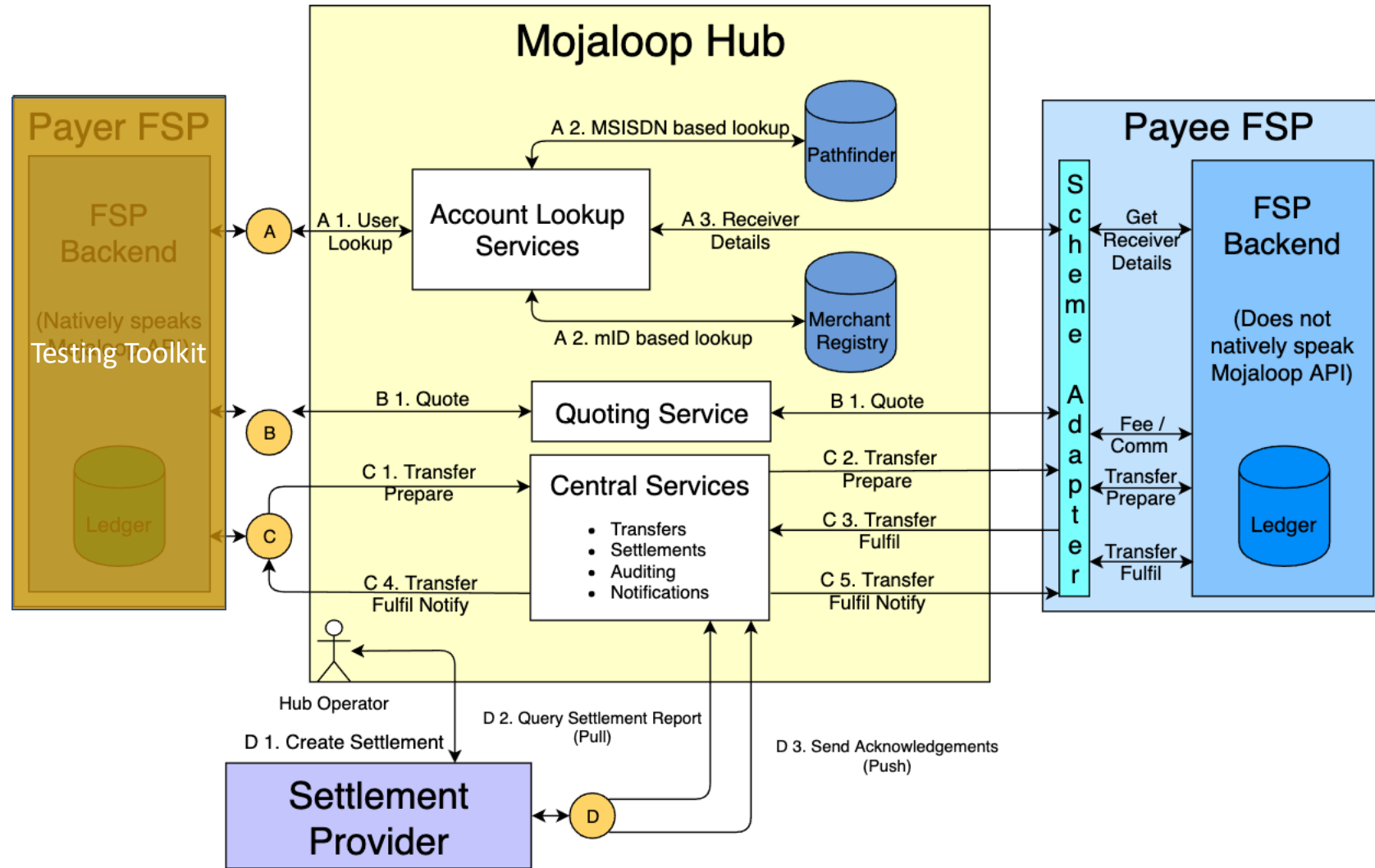
Mojaloop Testing Toolkit (TTK)

Features, Improvements & Community Support

PI-11 TTK: Objectives

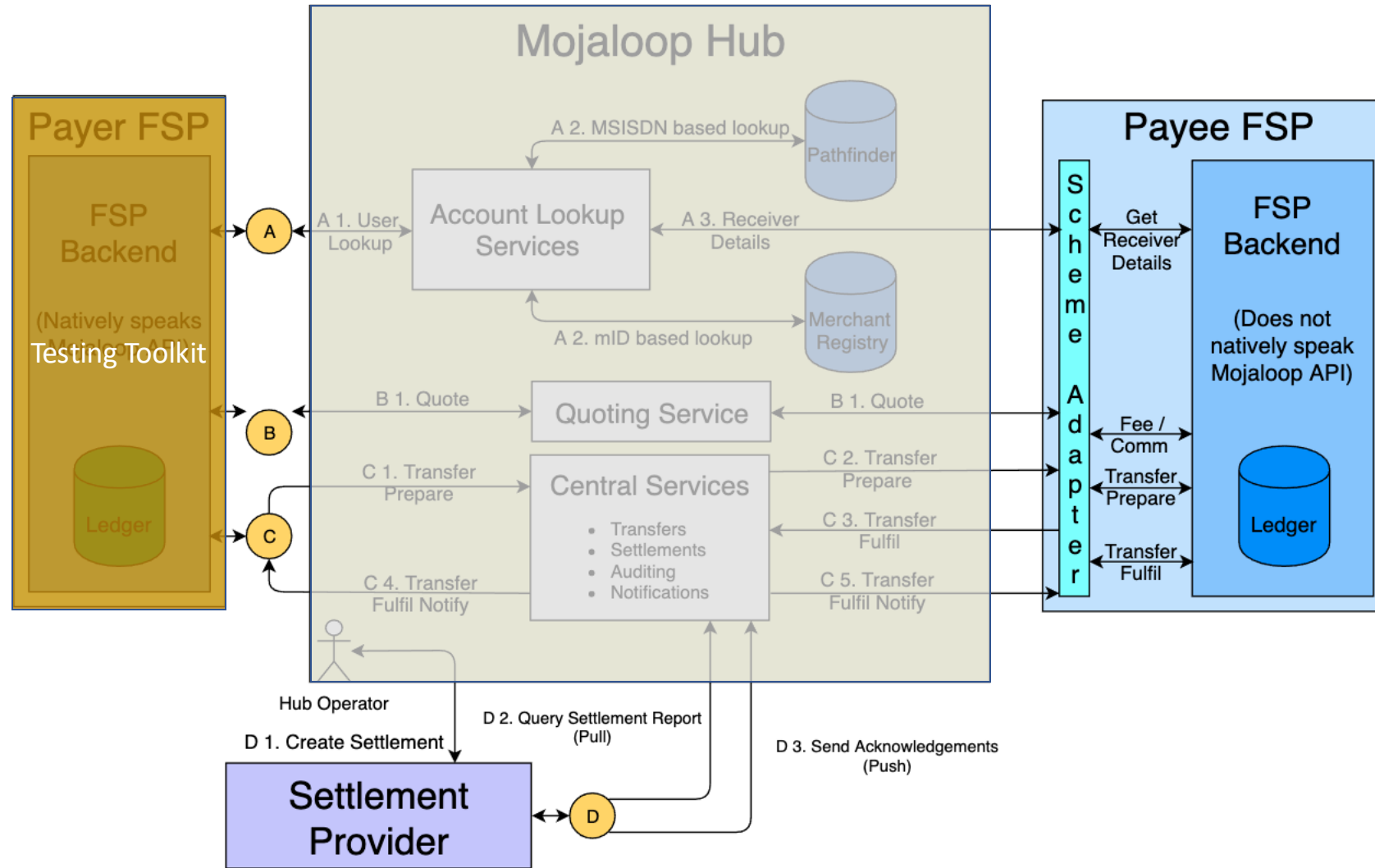
1. **Support**— wider adoption of the testing tool-kit by implementers
2. Implement a **hosted version** of the TTK that can be securely & easily hosted by schemes

Where does it fit?



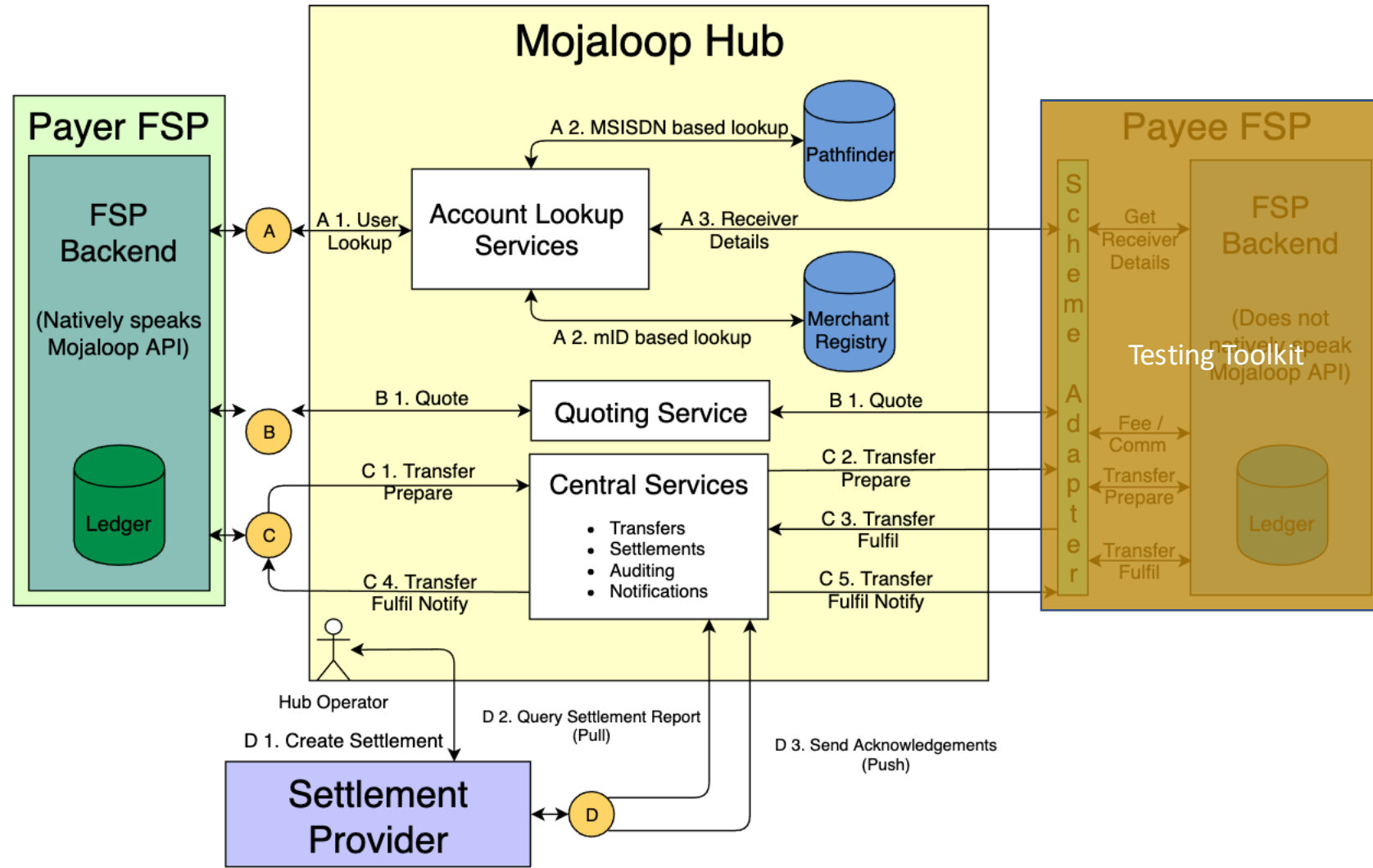
Testing Toolkit to HUB

Where does it fit?



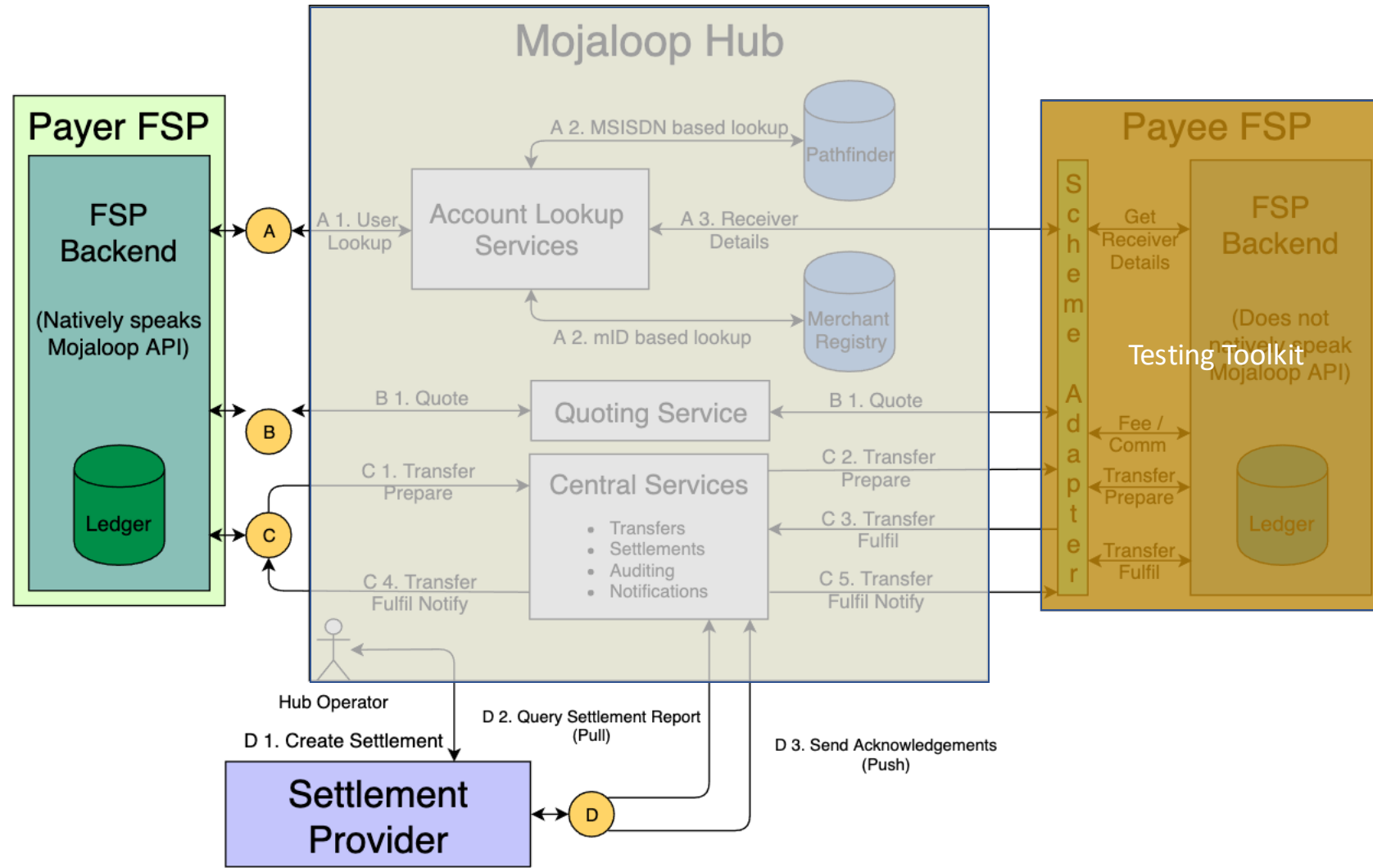
Testing Toolkit to DFSP

Where does it fit?



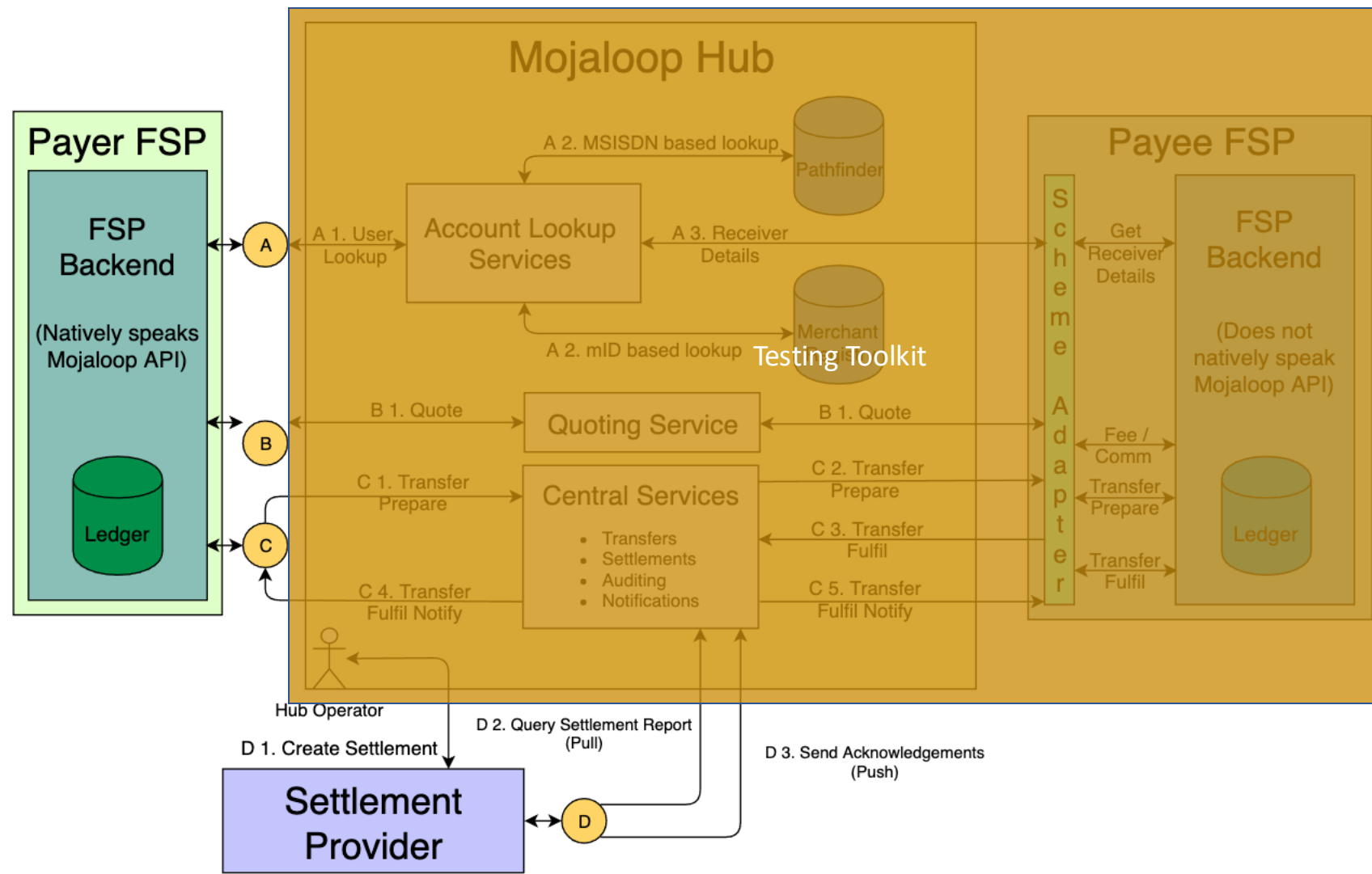
HUB to Testing Toolkit

Where does it fit?



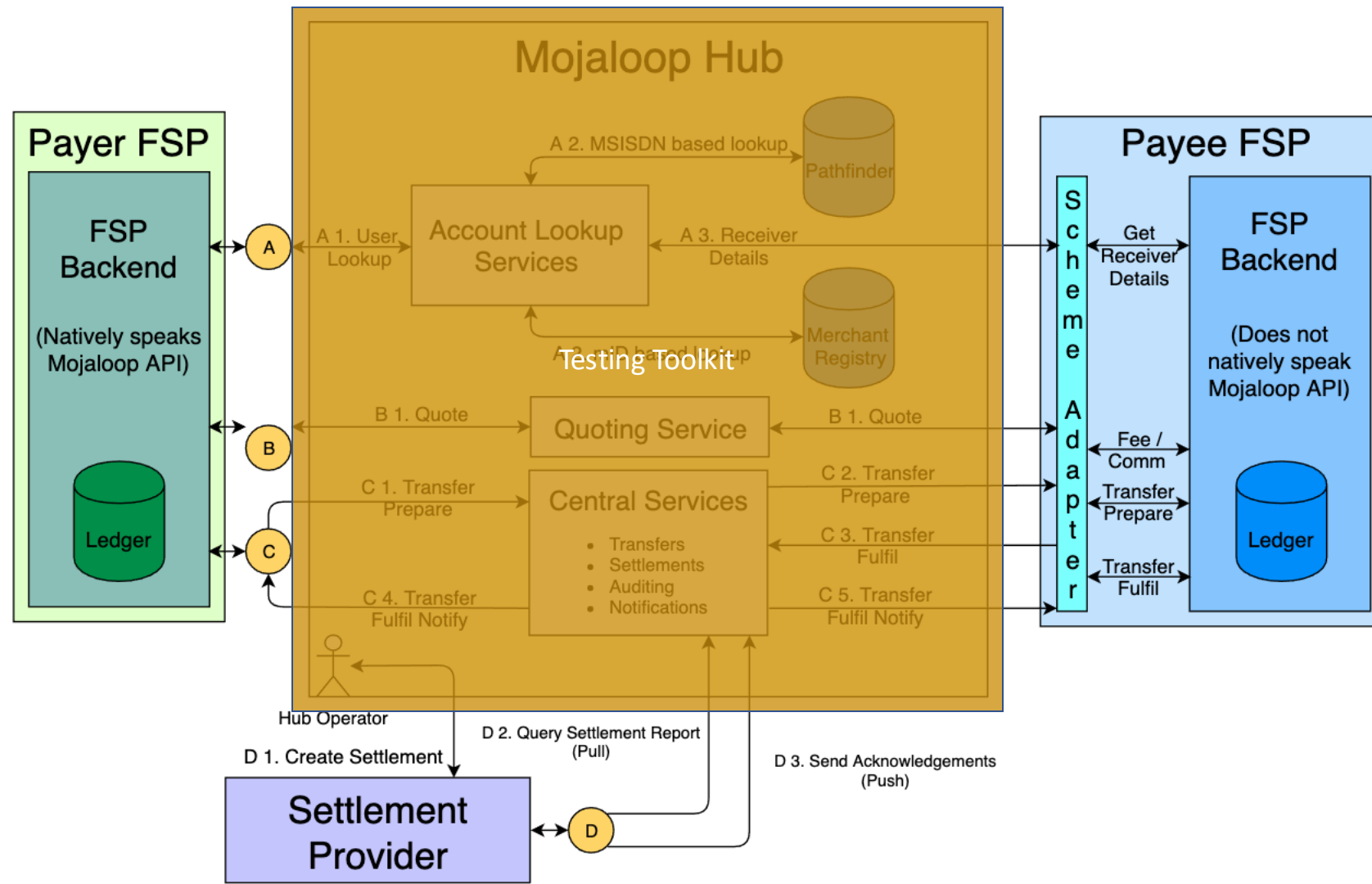
DFSP to Testing Toolkit

Where does it fit?



As a Hub and Payee FSP

Where does it fit?



As a Hub only

Testing toolkit: Enhancements in PI-11

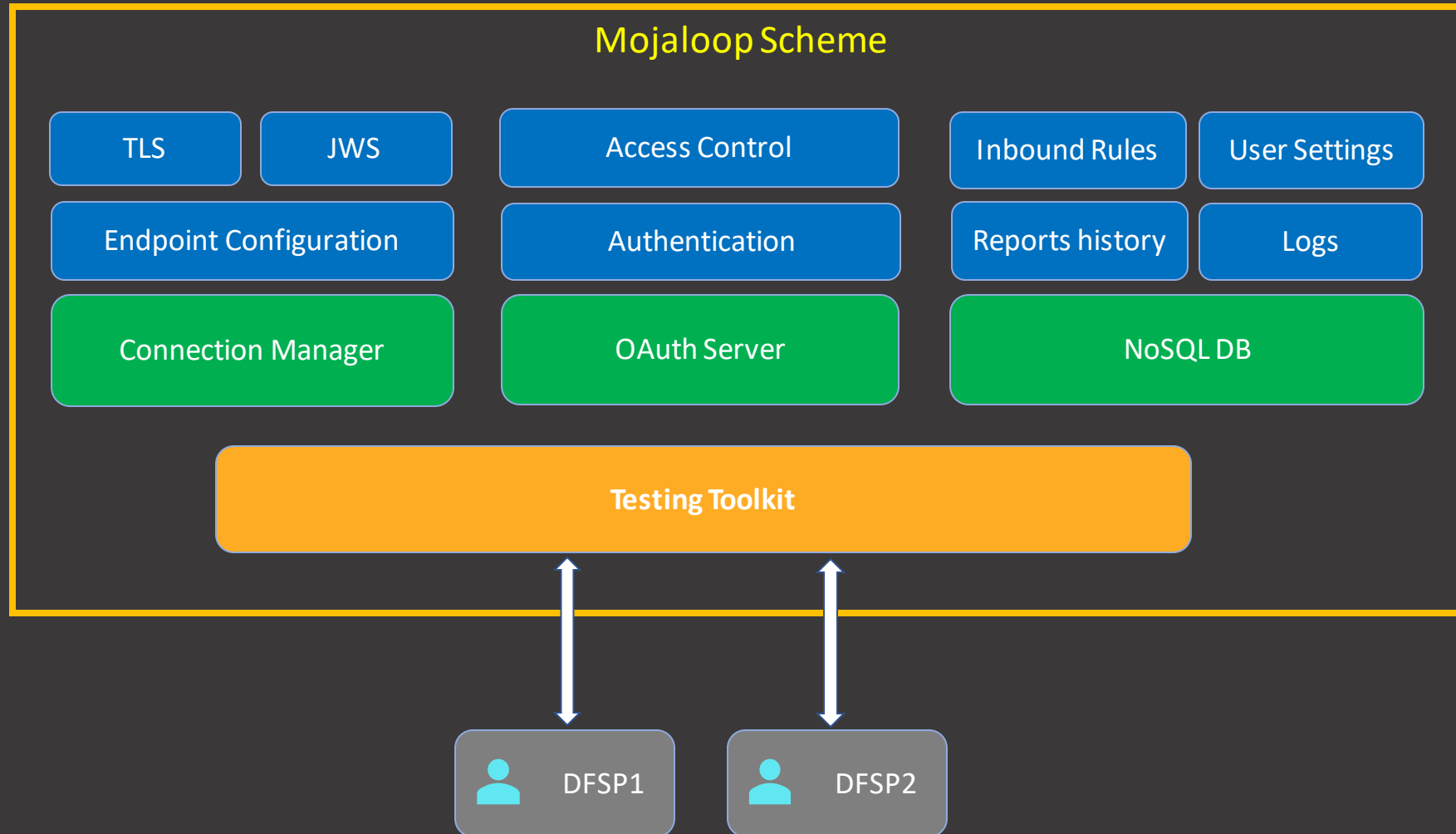
Support wider adoption of the testing toolkit

1. Hub only mode
2. Test cases should be maintained through smaller files and sub folders using sequencing constraints
 - a. Support PR Reviews
 - b. Collaboration
3. Maintenance and Bugfixes

Hosting capability

1. Integrate database in hosted mode
2. Separation of rules, settings, logs and reports per DFSP wise

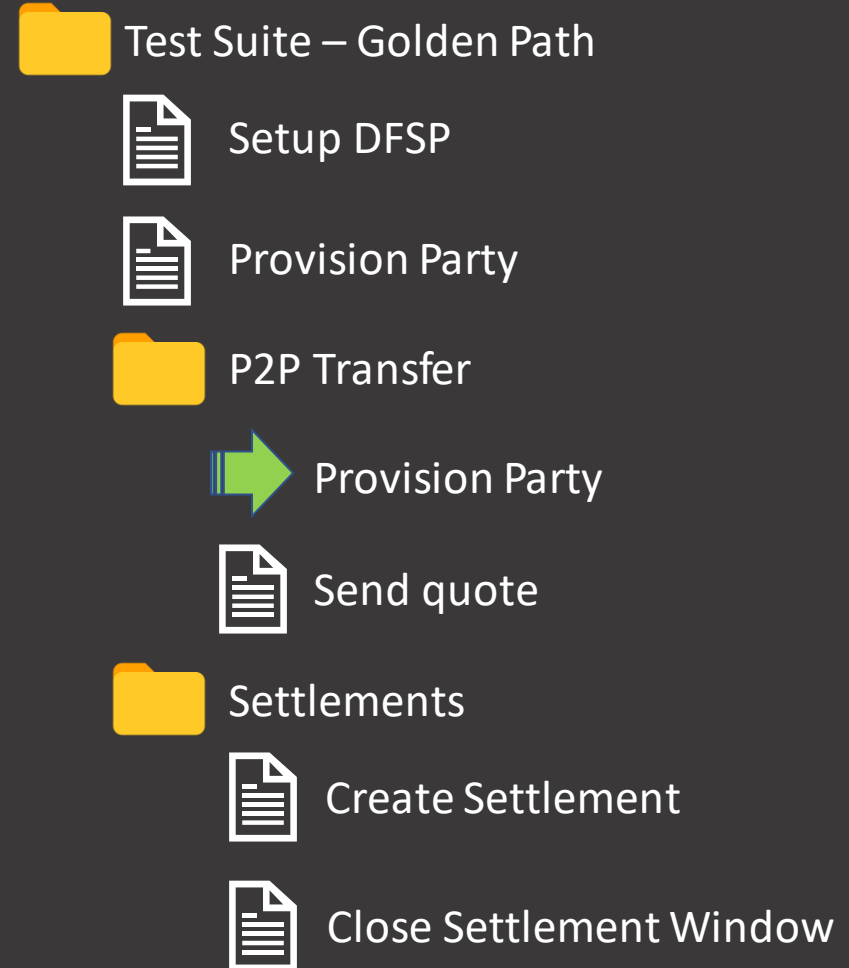
Adding Capability for Hosted Solution



Breakdown the large test case file into folder structure



Test Suite – Golden Path
(JSON)



Testing toolkit: Demo

Testing toolkit: Roadmap for rest of the PI-11

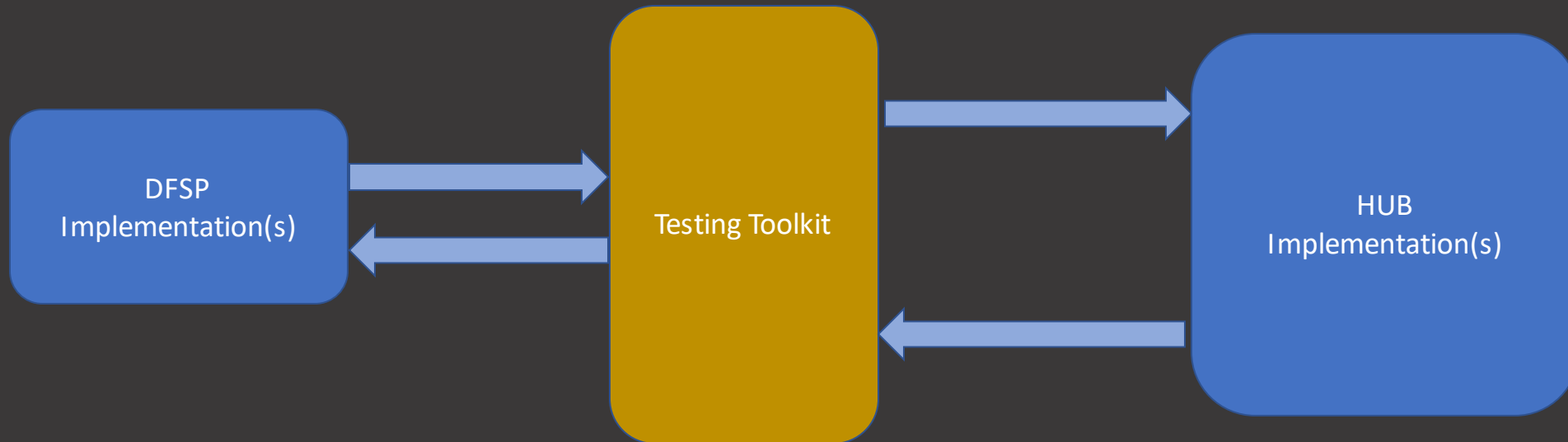
1. Increased test coverage to help adopters
2. Jest framework for writing tests and assertions
3. Support adopters by fulfilling the gaps and fixing bugs
4. Helm chart for hosted mode



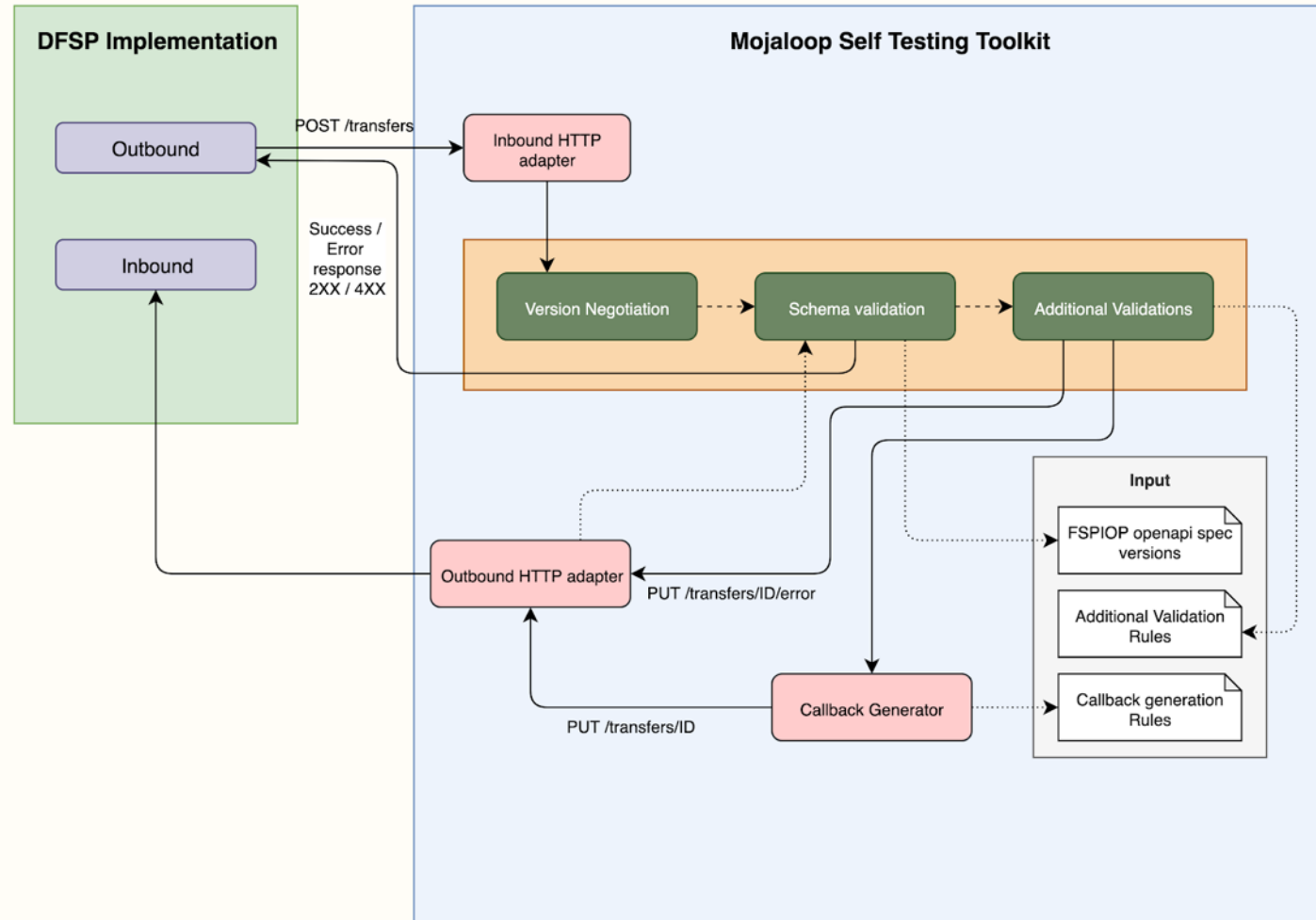
mojaloop

Appendix

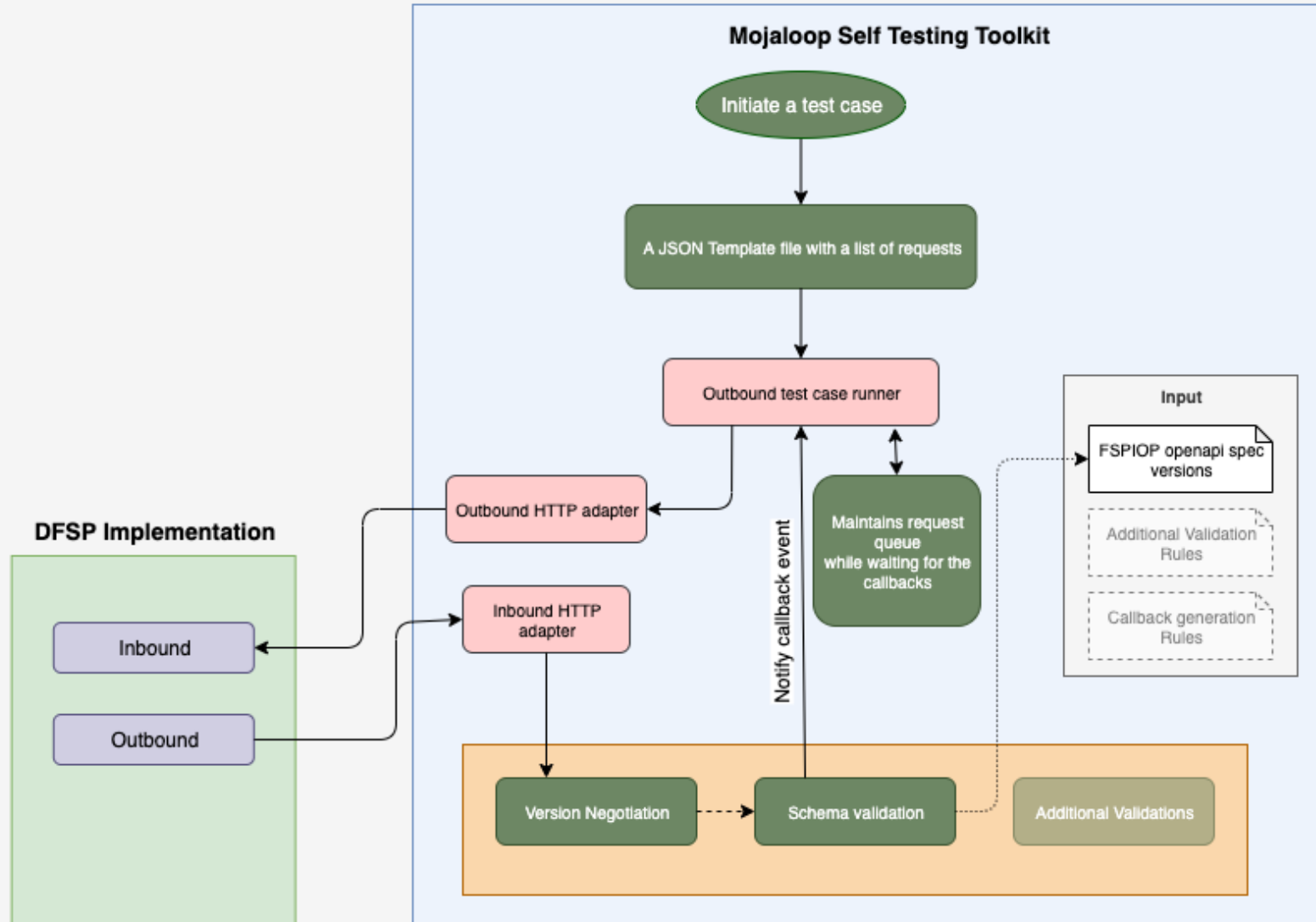
What is the Testing Toolkit?



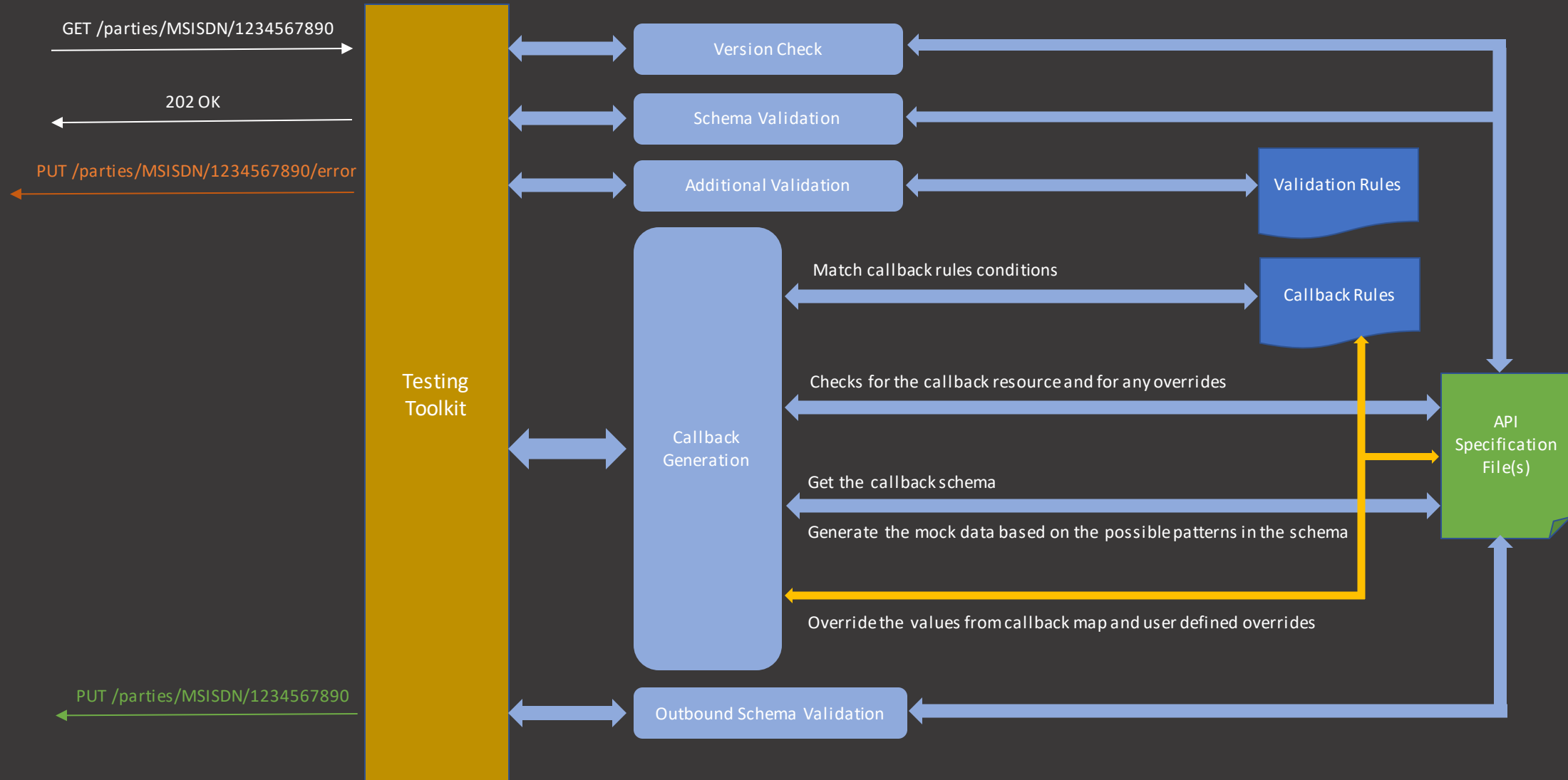
Architecture Diagram – Part 1



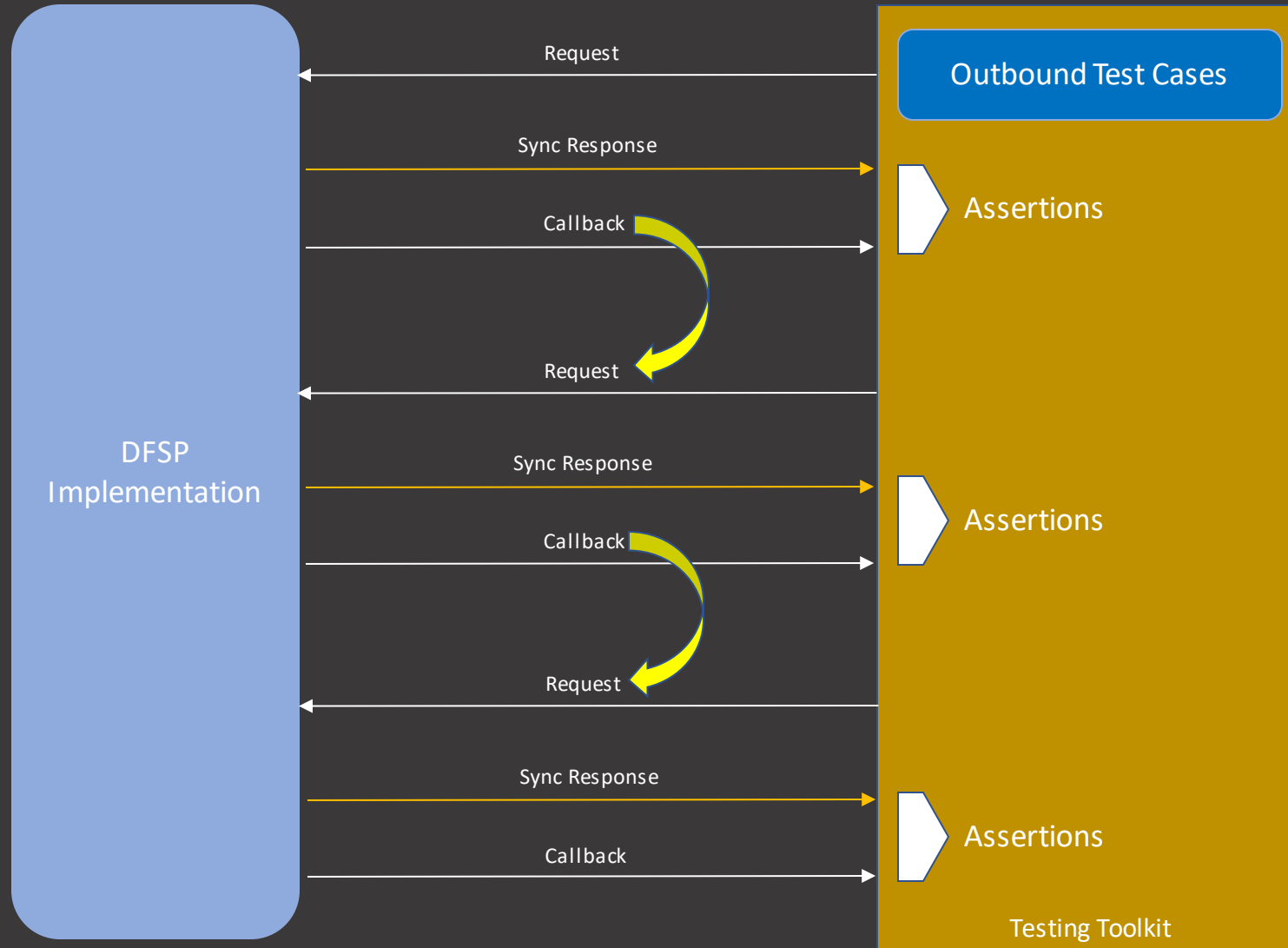
Architecture Diagram – Part 2



How Testing Toolkit Works - Incoming requests



How Testing Toolkit Works - Test Case Initiation and Assertions



Integrating TTK into DFSP's CI, CD

