

Mojaloop Training Program

In collaboration with



MODUSBOX

Goals of talk

Explain new branding - MPP to MTP

Show that the Mojaloop Training Program is a useful resource that has real structure and value and is available to everyone.

Promote Usage of the Program

Show that all community member can contribute - and explain how.



Why do we need a Training Program?

Build Mojaloop Adoption?

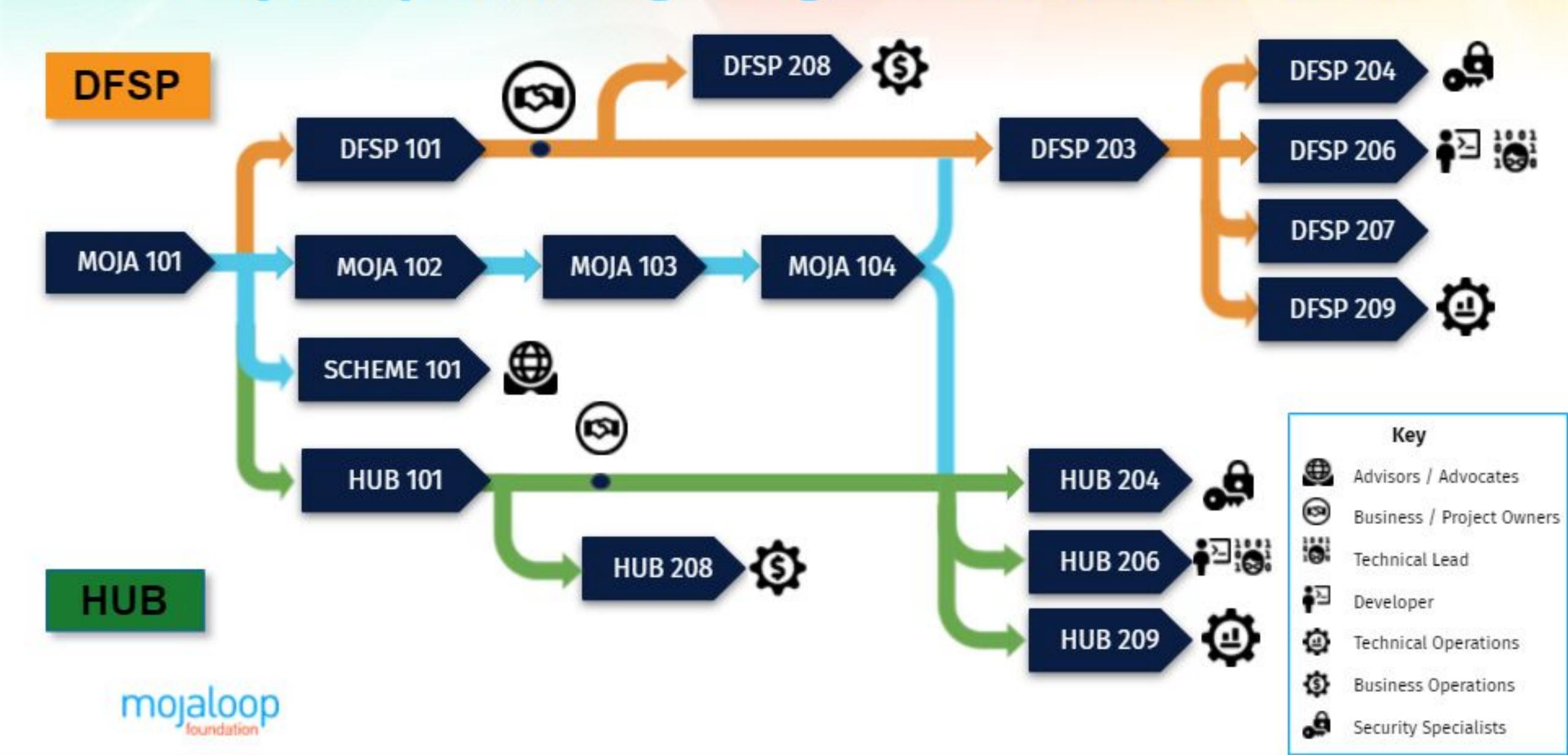
Mojaloop's brilliance is in the details. The more you know about Mojaloop the more you want to be part of the community. Onboarding needs to be easy.

The **Mojaloop Training Program** is designed to explain the ideas of Mojaloop clearly, concisely to build and understanding of Mojaloop with minimal effort.

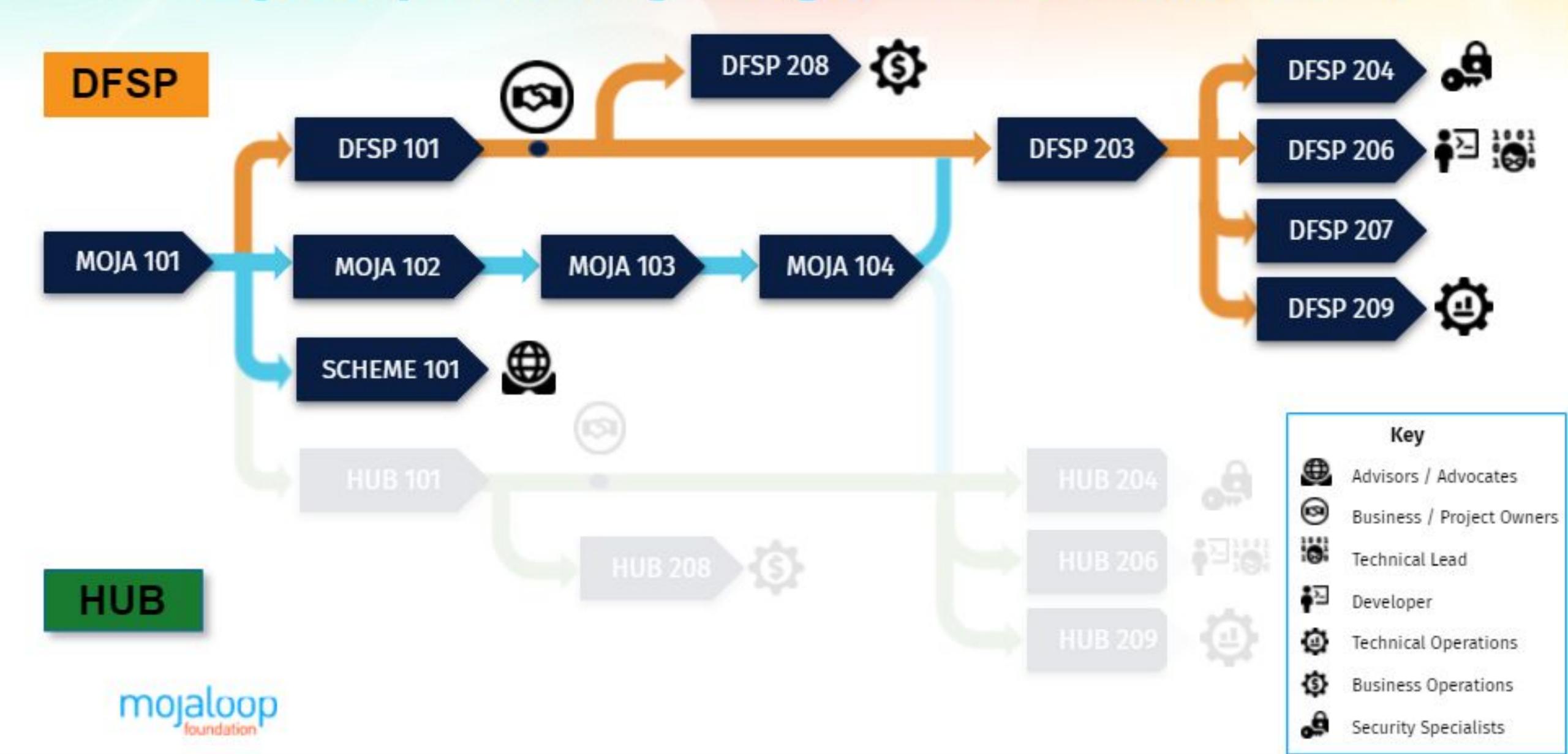
Training Program is designed to support other onboarding initiatives.



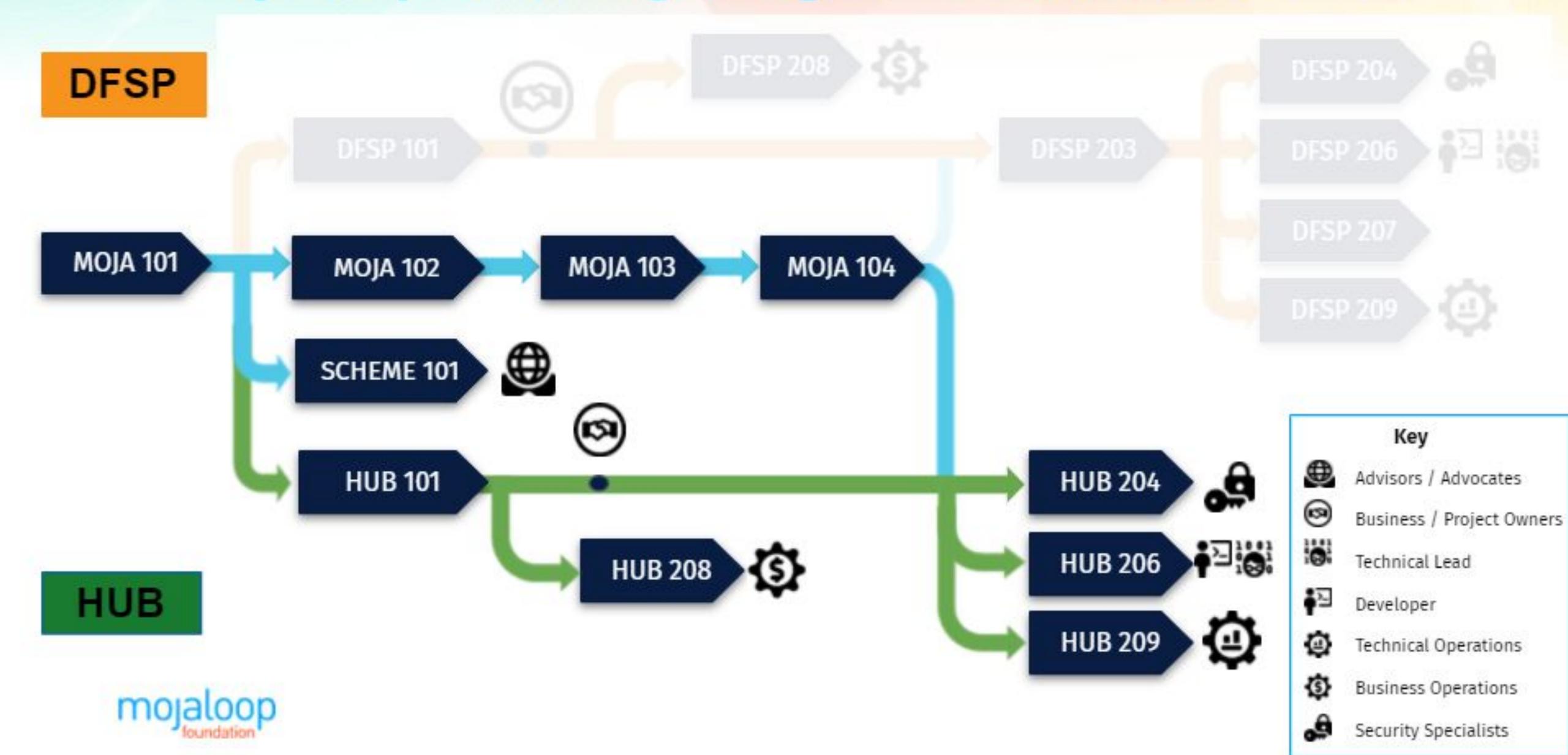
Mojaloop Training Program - Course Outline



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Mojaloop Training Program - Course Outline



How can community contribute?

Who

Organizational Contributors

Individual Contributors

What

Now - provide comprehension feedback on existing course content

Next - add new courses, update course content with best practices

Why

Community recognition

Build community knowledge Community voting



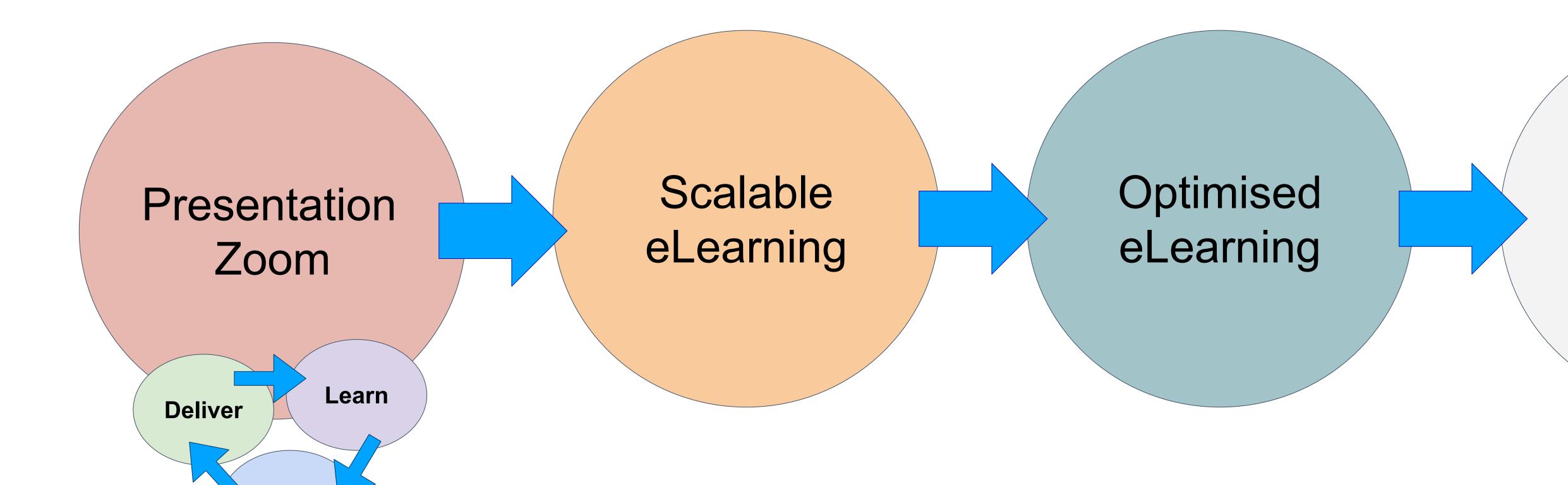
Stay tuned for how...

Designing a course

- 1. Description and Goals
- 2. Audience and Prerequisites
- 3. Structure into topics 10 20 minutes long
- 4. Build a storyboard Presentation and collect supportive references and other media



Course Development Process







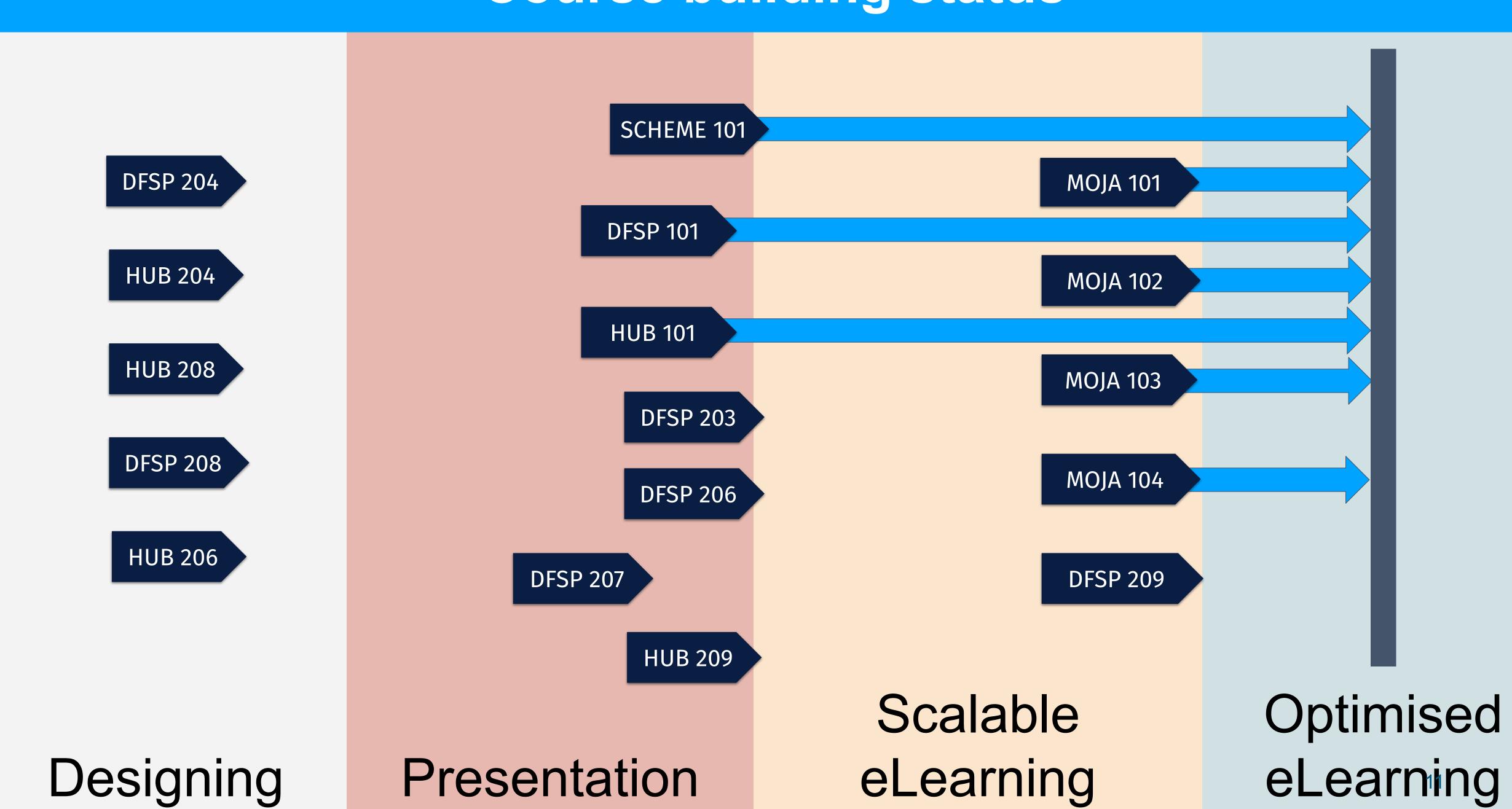




Revise

Courses currently available in Scalable eLearning **Mojaloop Overview Technical Overview DFSP 204** i. Real-time payments DFS i. Architecture ii. Financial inclusion ii. Stack **DFSP 206** iii. Level One Principles P 203 iii. Design principles iv. What is Mojaloop? DFSP 207 MOJA 101 MOJA 102 MOJA 103 MOJA 104 **DFSP 209 Mojaloop Security** Key i. Risks Advisors / Advocates Mojaloop API ii. Distributed Security Business / Project Owners i. Use cases ii. Sequence diagrams Technical Lead Developer **HUB 209** Technical Operations **Business Operations** Security Specialists

Course building status



How can community contribute?

Who

Organizational Contributors

Individual Contributors

How

Sponsor a Zoom presentation (with feedback)

Develop new courses for areas of particular interest

Join a Course Working Group

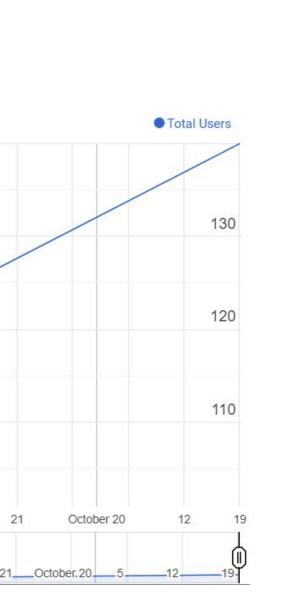
Do online courses and send feedback via the online system

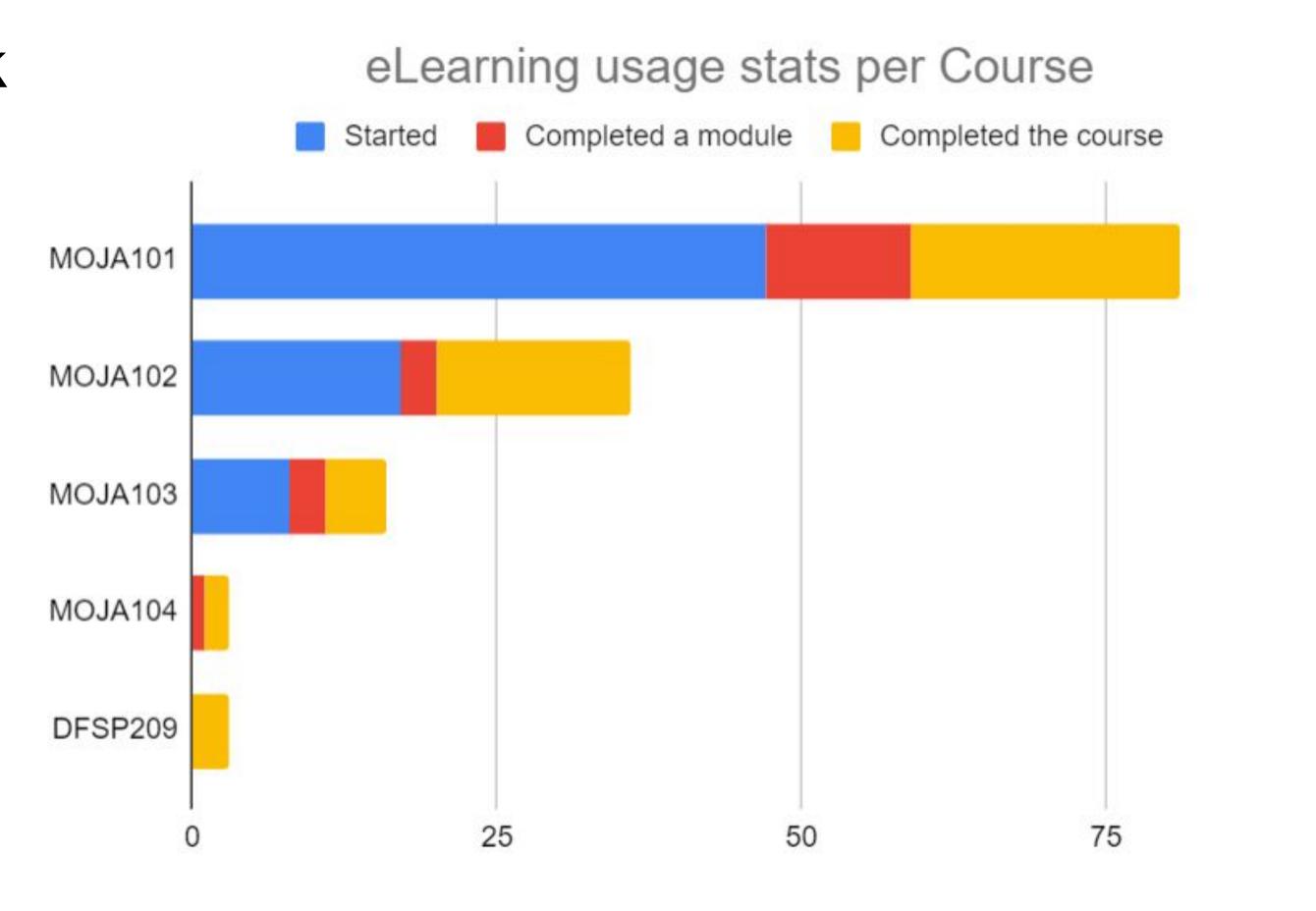


Participation Stats

Total Users: 140

Increasing at 3 users / week

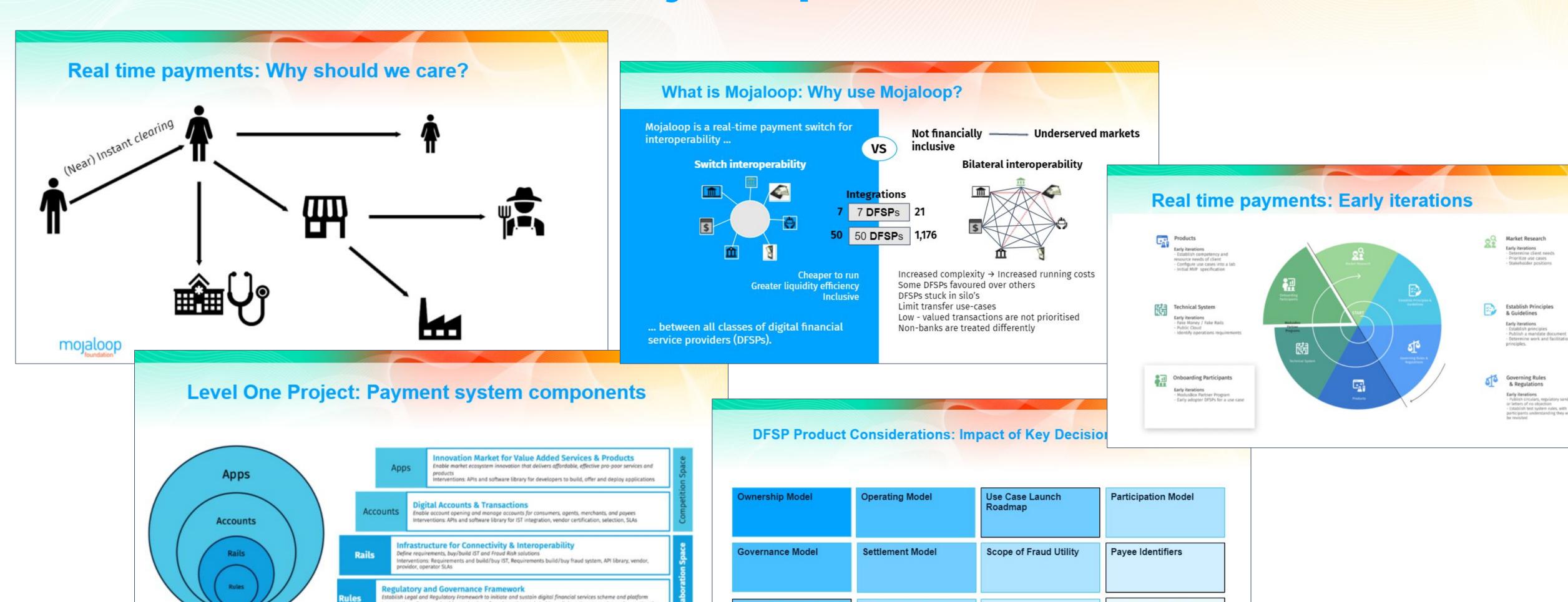






Zoom: 1h 1d 5d 1w 1m 3m 6m 1y max

MOJA 101 - Mojaloop Overview Teaser



mojaloop

systems



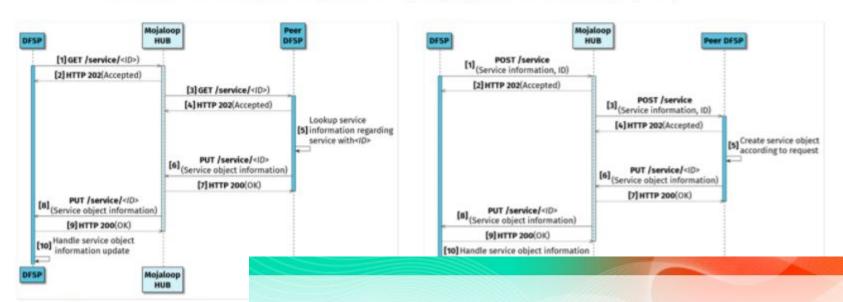
MOJA 102 - Mojaloop API and use cases teaser

Mojaloop API overview: HTTP methods

- GET Get information about a previously created object
- · POST Create an object

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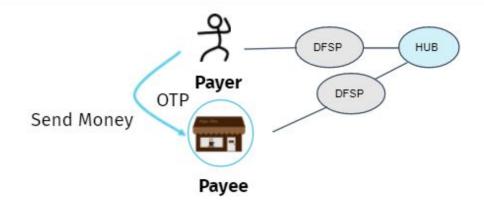
- · PUT Always used as callback to a GET or POST
- **DELETE** Delete a previously created object (**only** for Account Lookup System)



Payee initiated: Merchant-Initiated Merchant Payment -POS

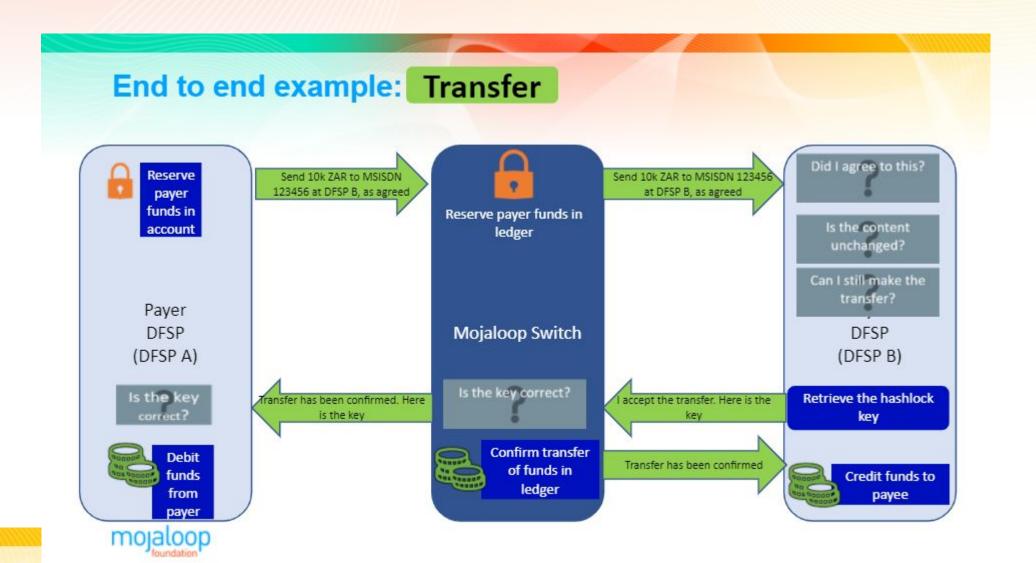
Merchant-Initiated Merchant Payment - Authorized on POS

In this use case a merchant initiates a request for payment from the customer; the customer reviews the payment request on a merchant device and authorizes the payment by OTP or QR code on the merchant device. The customer authentication information is sent from payee FSP to payer FSP for authentication by payer FSP.

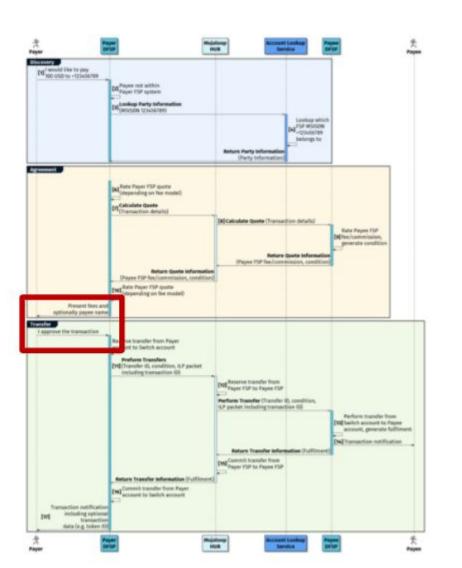


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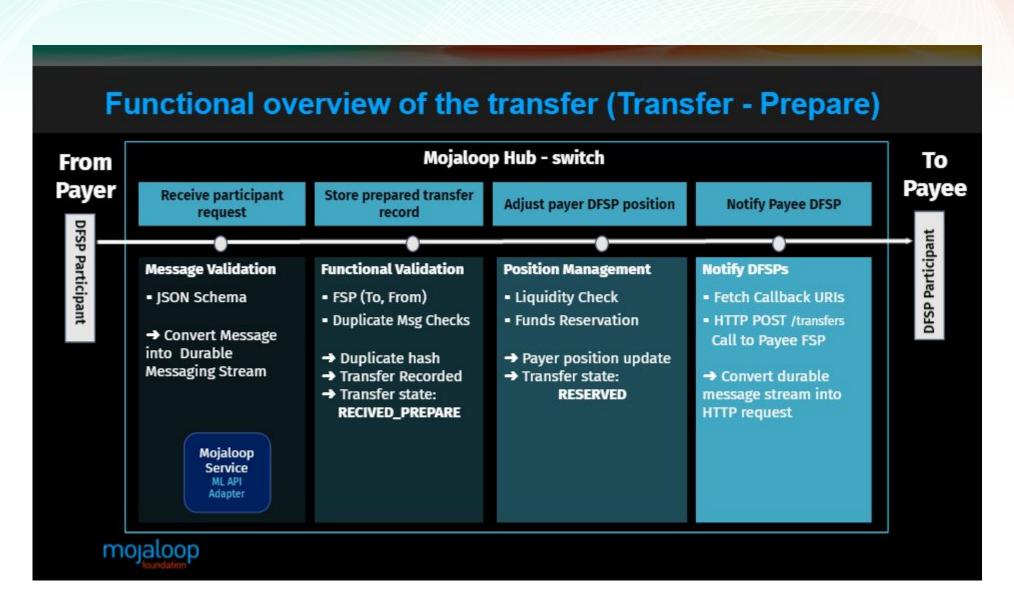


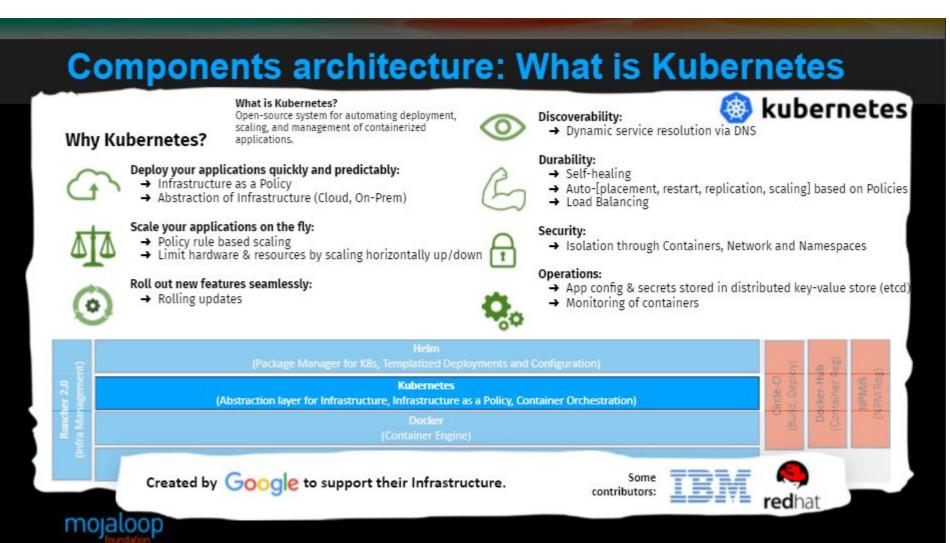


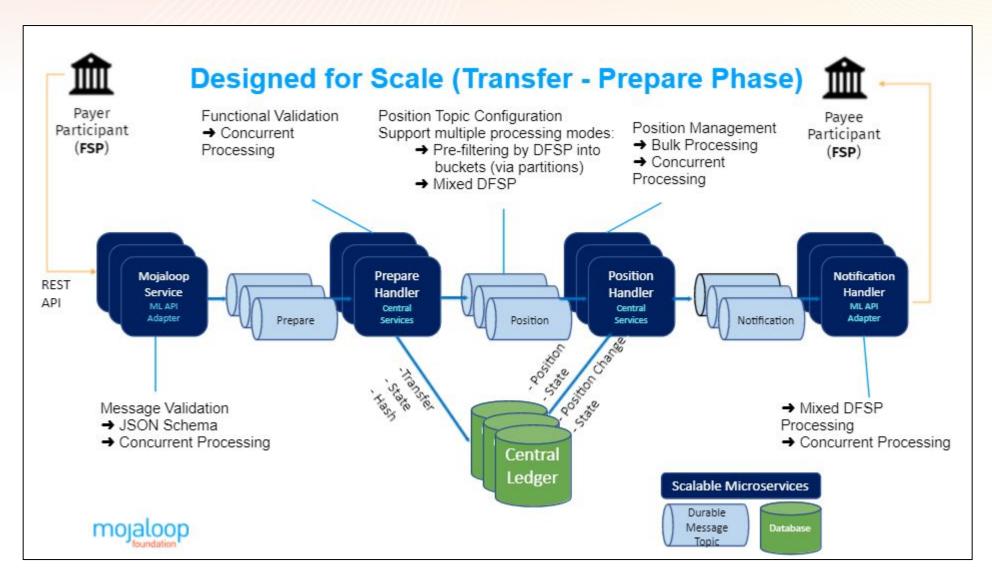


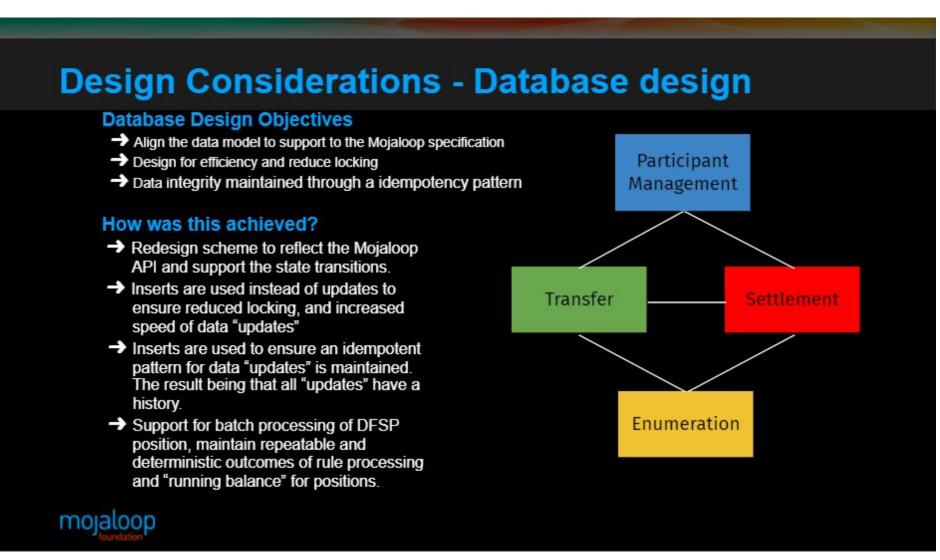


MOJA 103 - Mojaloop Technical Overview Teaser









Moja 104 - Mojaloop Security Overview Teaser

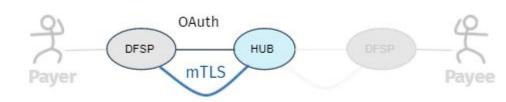
Mojaloop API security: Secure Communication between DFSP and Hub

Mutual Transport Layer Security (mTLS)

secures the communication channel for bi-directional asynchronous connections

OAuth2 is used to provide role based access to Hub endpoints (API authorisation)

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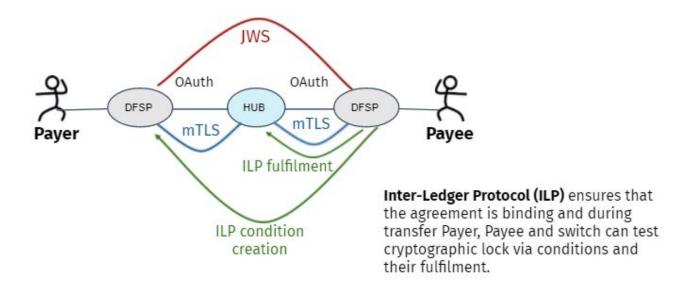


IP Whitelisting reduces the attack surface of the Hub to know DFSP addresses

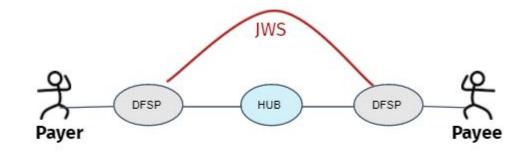
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Transactional proof is achieved by ensuring that all parties are who they say they are, and that the transactional condition of the transaction is agreed to.

Mojaloop API security: Transactional proof



Mojaloop API security: Are you who I think you are?



JSON Web Signature (JWS) ensures Payer DFSP and Payee DFSP can trust messages shared between each other without potential modification by the switch.



Where do I find it?

learn.Mojaloop.io

old site: learn.Modusbox.com

