

@Web Conference
7 Jul 2021

FAPI-SIG Community 22nd Meeting

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Status Updates from 21st Meeting

New Topic : Open Banking Brasil

Working Items Status

Major Topics

Major Topics

- FAPI 2.0

- [PAR]

- PR has been merged.

- [RAR]

- [Grant Management]

- FAPI-CIBA

- PR for signed authentication request has been merged.

- FAPI-JARM

- PR has been merged.

Status Updates from 21st Meeting

FAPI 2.0

Components of FAPI 2.0 Advanced

Completed

OAuth 2.0 Pushed Authorization Requests (PAR)

✓ KEYCLOAK-18353 Implement Pushed Authorization Request inside the Keycloak

JIRA Ticket: <https://issues.redhat.com/browse/KEYCLOAK-18353>

GH PR: <https://github.com/keycloak/keycloak/pull/8144>

In Progress

Client Policies for PAR

🔥 KEYCLOAK-18653 Client Policy - Endpoint : support Pushed Authorization Request Endpoint

JIRA Ticket: <https://issues.redhat.com/browse/KEYCLOAK-18653>

GH PR: <https://github.com/keycloak/keycloak/pull/8240>

Components of FAPI 2.0 Advanced

In Progress OAuth 2.0 Rich Authorization Requests (RAR)

- 🔥 Design Document : <https://github.com/keycloak/keycloak-community/pull/266>
- 🔥 Implementation : (WIP) <https://github.com/tnorimat/keycloak/pull/24>

In Progress Grant Management for OAuth 2.0

- 🔥 Design Document : <https://github.com/keycloak/keycloak-community/pull/265>
- 🔥 Implementation : (WIP) <https://github.com/tnorimat/keycloak/pull/23>

Status Updates from 21st Meeting

FAPI-CIBA

Upstreaming CIBA Support

Completed Support signed authentication request

✓ KEYCLOAK-17936 FAPI-CIBA : support Signed Authentication Request

JIRA Ticket: <https://issues.redhat.com/browse/KEYCLOAK-17936>

GH PR: <https://github.com/keycloak/keycloak/pull/8006>

Completed Client Policies for CIBA

✓ KEYCLOAK-17937 Client Policy - Endpoint : support CIBA Backchannel Authentication Endpoint

JIRA Ticket: <https://issues.redhat.com/browse/KEYCLOAK-17937>

GH PR: <https://github.com/keycloak/keycloak/pull/8237>

Upstreaming CIBA Support

In Progress Client Policies for CIBA

- 🔥 KEYCLOAK-18654 Client Policy - Endpoint : support Token Request by CIBA Backchannel Authentication

JIRA Ticket: <https://issues.redhat.com/browse/KEYCLOAK-18654>

GH PR: <https://github.com/keycloak/keycloak/pull/8242>

In Progress FAPI-CIBA requirements support

- 🔥 KEYCLOAK-18123 Client Policy - Executor : Enforce Backchannel Authentication Request satisfying high security level

JIRA Ticket: <https://issues.redhat.com/browse/KEYCLOAK-18123>

GH PR: <https://github.com/keycloak/keycloak/pull/8238>

Status Updates from 21st Meeting

FAPI-JARM

Upstreaming FAPI-JARM Support

Completed JWT Secured Authorization Response Mode for OAuth 2.0

✓ KEYCLOAK-18452 FAPI JARM: JWT Secured Authorization Response Mode for OAuth 2.0

JIRA Ticket: <https://issues.redhat.com/browse/KEYCLOAK-18452>

GH PR: <https://github.com/keycloak/keycloak/pull/8158>

Specification:

https://bitbucket.org/openid/fapi/src/master/Financial_API_JWT_Secured_Authorization_Response_Mode.md

New Topic : Open Banking Brasil

Specifications

In Progress

Open Banking Brasil Financial-grade API Security Profile 1.0

Specification : [Implementer's Draft 1](#)

JIRA Ticket (Epic) : [KEYCLOAK-18629 OpenBanking Brasil support](#)

Not Yet

Open Banking Brasil Financial-grade API Dynamic Client Registration 1.0

Specification : [Implementer's Draft 1](#)

JIRA Ticket (Epic) : NA



Current Keycloak's Status

In Progress JWE for request object

Specification: 5.2.2-1

JIRA Ticket: <https://issues.redhat.com/browse/KEYCLOAK-18630>

 GH PR: <https://github.com/keycloak/keycloak/pull/8243>

Completed OAuth 2.0 Pushed Authorization Requests (PAR)

Specification: 5.2.2-1

JIRA Ticket: <https://issues.redhat.com/browse/KEYCLOAK-18353>

✓ GH PR: <https://github.com/keycloak/keycloak/pull/8144>

Current Keycloak's Status

Not Yet

OB-BR specific claims “cpf” and “cnpj”

Specification: 5.2.2-4,5

JIRA Ticket: <https://issues.redhat.com/browse/KEYCLOAK-18632>

<https://issues.redhat.com/browse/KEYCLOAK-18633>

GH PR: NA

Not Yet

OB-BR specific values of “acr” claim

Specification: 5.2.2-6,7

JIRA Ticket: <https://issues.redhat.com/browse/KEYCLOAK-18634>

<https://issues.redhat.com/browse/KEYCLOAK-3314>

GH PR: NA

Current Keycloak's Status

Not Yet

OAuth 2.0 resource scope consent (Dynamic Consent Scope)

Specification: 5.2.2-9

JIRA Ticket: NA

GH PR: NA

ML Thread: <https://groups.google.com/g/keycloak-dev/c/yGCWth8reNw>

In Progress

FAPI-CIBA

Specification: 5.2.2-11

JIRA Ticket: <https://issues.redhat.com/browse/KEYCLOAK-18457>

 GH PR: <https://github.com/keycloak/keycloak/pull/8238>

 <https://github.com/keycloak/keycloak/pull/8242>

Current Keycloak's Status

Not Yet

Signature Algorithm Restriction (only PS256)

Specification: 6-1

JIRA Ticket: NA

GH PR: NA

Not Yet

CEK Management Algorithm Restriction (only RSA-OAEP)

Specification: 6-2

JIRA Ticket: NA

GH PR: NA

Not Yet

TLS Cipher Suite Restriction

Specification: 6-3

JIRA Ticket: NA

GH PR: NA

FAPI-SIG Conformance Test Environment Status

In Progress

Adding support for FAPI-BR requirements



GH PR: <https://github.com/keycloak/kc-sig-fapi/pull/192>

Working Items Status

Working Items

[Security Features]

<Common>

In Progress

OIDC Client's Public Key Management

1st phase -> 2nd phase



Hitachi

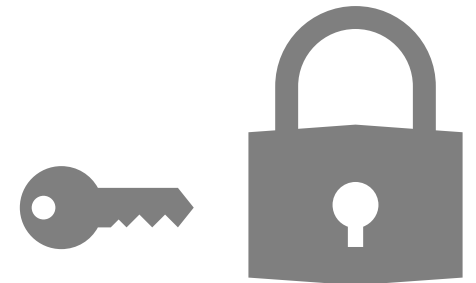
[Security Features]

<High Level Security>

● FAPI-JARM

New

Completed



[Security Features]

<High Level Security>

- FAPI 2.0 (baseline/advanced)

New **Completed** Pushed Authorization Request (PAR)

In Progress Rich Authorization Request (RAR)

In Progress Grant Management API

- FAPI-CIBA

New **Completed** FAPI-CIBA : Signed Authentication

New **In Progress** Other requirements support

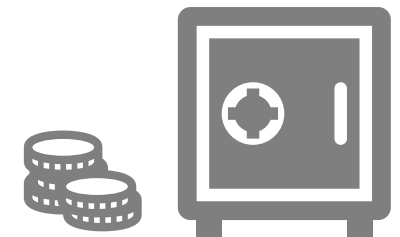
In Progress Passing conformance tests for ID1

<SPA/Native App>

In Progress OAuth 2.0 Demonstration of
Proof-of-Possession (DPoP)


PROPOSED DRAFT

Working Items



Working Items

[Market Specific Features]

<PSD2> 

- Following eIDAS regulations

 QWAC verification

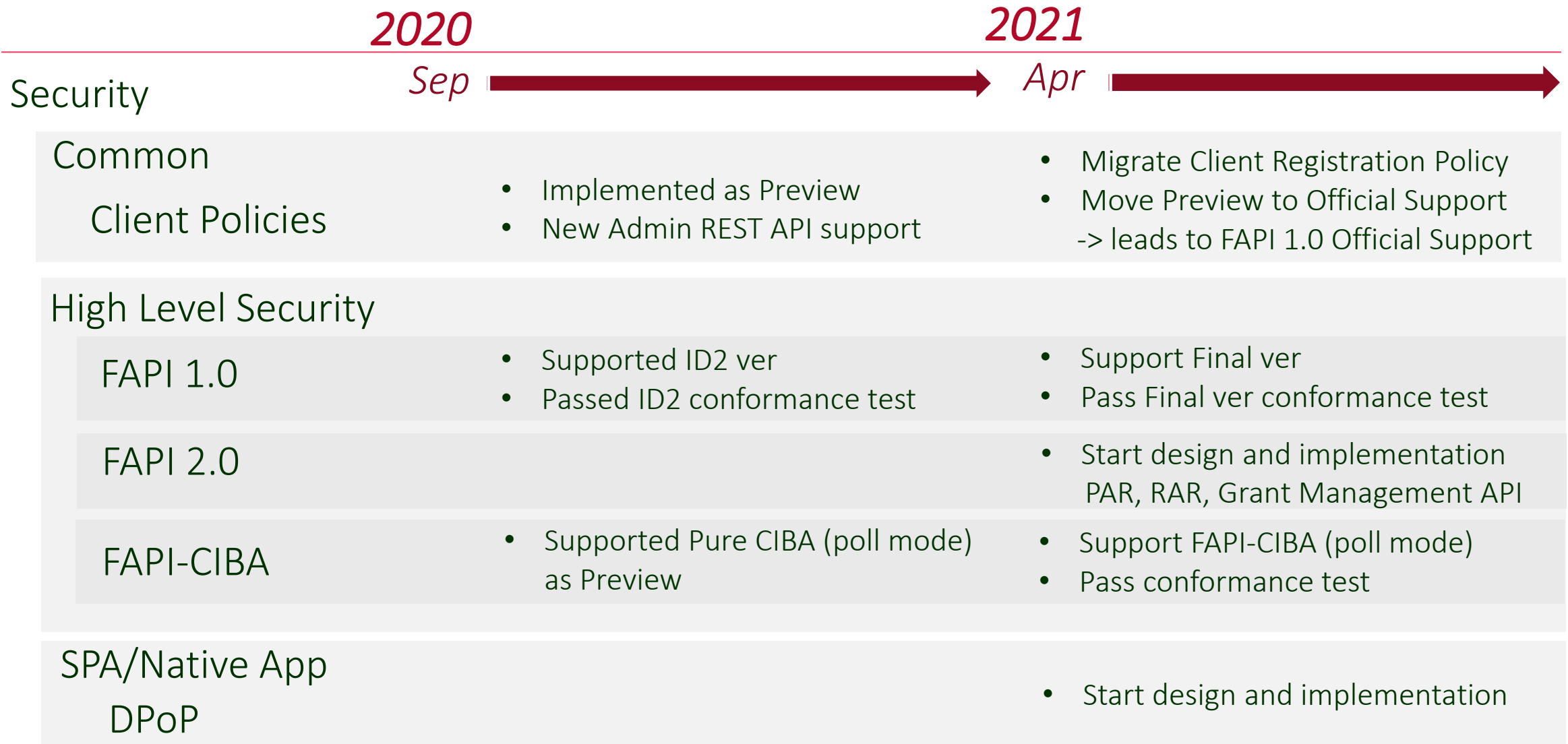


- Consent Management

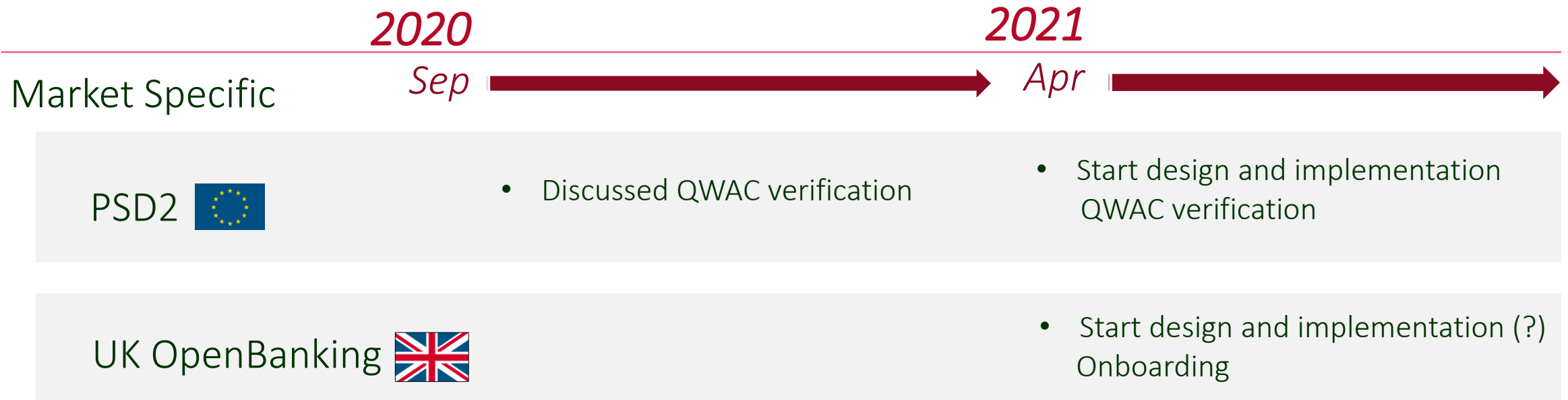
<UK OpenBanking> 

- Onboarding
 - Software Statement Support
 - Software Statement Assertion (SSA) Verification

Roadmap



Roadmap



END