

@Web Conference
9 Jun 2021

FAPI-SIG Community 20th Meeting

Table of Contents

Major Topics

Status Updates from 19th Meeting

Common Security Features

Client Policies

FAPI 1.0

FAPI 2.0

FAPI-CIBA

SPA/Native App

Market Specific Features - PSD2

Working Items Status

Major Topics

Major Topics

- FAPI 1.0

FAPI 1.0 Baseline/Advanced support are available as default client profile.

- FAPI 2.0

[PAR]

Ready for sending PR to keycloak upstream.

[RAR]

Review of PR for design document is still in progress.

Review of PR for prototype codes is still in progress.

[Grant Management]

Review of PR for design document is still in progress.

Review of PR for prototype codes is still in progress.

- FAPI-CIBA

Wait for review : FAPI-CIBA Signed Authentication Request support

Major Topics

- Common Security Features

PR for OIDC Client's Public Key Management 1st phase has been merged.

PR for OIDC Client's Public Key Management 2nd phase is waiting for its review.

- Client Policies

Changed from preview feature to default feature.

- SPA/Native App

Review of PR for DPoP design document is still in progress.

- PSD2

Review of PR for MTLS validation extension design document is still in progress.

Review of PR for MTLS validation extension prototype codes is still in progress.

Status Updates from 19th Meeting

Common Security Features

OIDC Client's Public Key Management

Completed

Phase-1/4 Add key setting UI

✓ KEYCLOAK-17491 Move the key settings to the new Keys tab

Wait for Review

Phase-2/4 Allow to register client public key for ECDSA/RSASSA-PSS



KEYCLOAK-18341 Support JWKS OAuth2 Client Metadata in the "by value" key loading method

JIRA Ticket: <https://issues.redhat.com/browse/KEYCLOAK-18341>

GH PR: <https://github.com/keycloak/keycloak/pull/7874>

GH PR: <https://github.com/keycloak/keycloak-documentation/pull/1195>

Spec: https://github.com/keycloak/kc-sig-fapi/blob/master/FAPI-SIG/documents/OIDC-Client-Keys/FAPI-SIG-Annex_OIDC_Client_Keys.pdf

Status Updates from 19th Meeting

Client Policies

Client Policies Refinement toward KC14

Completed Preview to Default feature

✓ KEYCLOAK-17939 Enable Client policies feature by default

JIRA Ticket: <https://issues.redhat.com/browse/KEYCLOAK-17939>

GH PR: <https://github.com/keycloak/keycloak/pull/8093>

Status Updates from 19th Meeting

FAPI 1.0

FAPI as default client profile

Completed

Provide FAPI profile as default

✓ KEYCLOAK-14208 Default client profiles for FAPI

GH PR: <https://github.com/keycloak/keycloak/pull/8093>

providing default profiles for both FAPI 1.0 Basic and Advanced Final
-> keycloak's admin need not create these FAPI profiles by themselves.

Status Updates from 19th Meeting

FAPI 2.0

Components of FAPI 2.0 Advanced

In Progress

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: TBD

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 19th Meeting

FAPI-CIBA

Upstreaming CIBA Support

[Features]

In Progress

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>

etc ...

[Conformance tests]

In Progress

Pass conformance test for ID1



#65 FAPI-CIBA Conformance Test : Establish the way of running FAPI-CIBA OP poll w/ MTLS and w/ Private Key against CIBA Implementation

GH Issue: <https://github.com/keycloak/kc-sig-fapi/issues/65>

Status Updates from 19th Meeting

SPA/Native App

Holder-of-Key Bound Token in SPA/Native App

In Progress

OAuth 2.0 Demonstrating Proof-of-Possession at the Application Layer (DPoP)



Design Document : <https://github.com/keycloak/keycloak-community/pull/254>

- Implementation

Status Updates from 19th Meeting

Market Specific Features – PSD2

QWACS Verification et al.

In Progress

MTLS Validation Extension (MTLS_Ext)

- 🔥 Design Document : <https://github.com/keycloak/keycloak-community/pull/267>
- 🔥 Implementation : (WIP) <https://github.com/tnorimat/keycloak/pull/21>

Working Items Status

Working Items

[Security Features]

<Common>

In Progress OIDC Client's Public Key Management



Hitachi

NEW 1st phase -> 2nd phase

● Client Policies

NEW **Completed** Changed from preview feature to default



Red Hat

<High Level Security>

● FAPI 1.0 (baseline/advanced)

In Progress Passing conformance tests for final version



Hitachi

NEW **Completed** Default client profiles for FAPI



Red Hat



[Security Features]

<High Level Security>

● FAPI 2.0 (baseline/advanced)

In Progress Pushed Authorization Request (PAR)

NEW

- Ready for upstreaming PR

In Progress Rich Authorization Request (RAR)

In Progress Grant Management API

● FAPI-CIBA

In Progress FAPI-CIBA : Signed Authentication

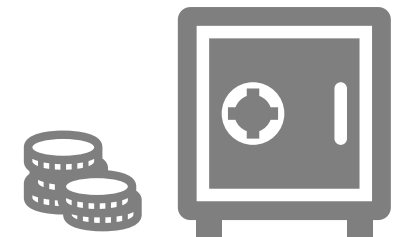
In Progress Passing conformance tests for ID1

<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

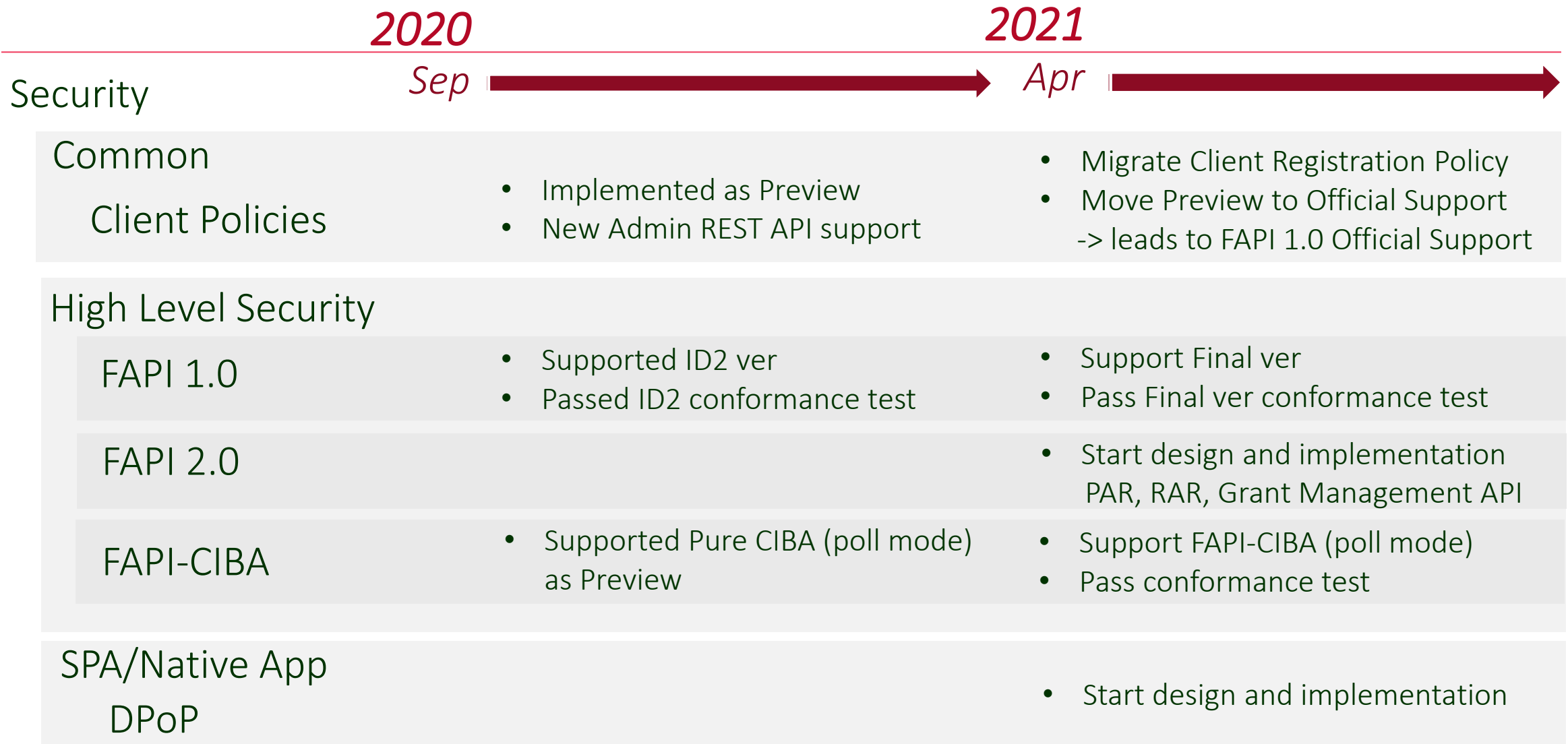


- Consent Management

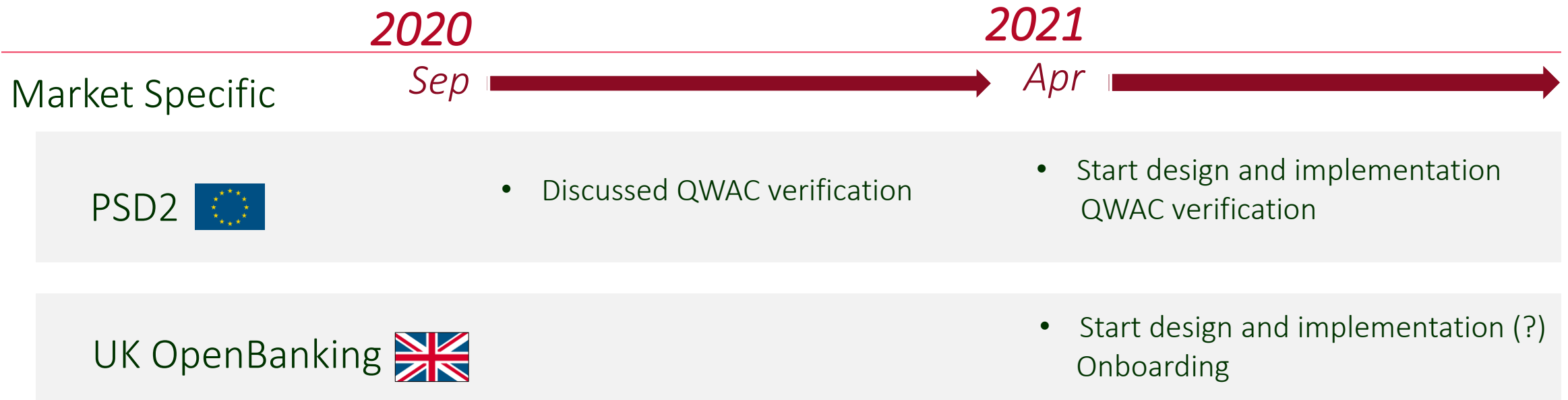
<UK OpenBanking> 

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

Roadmap



Roadmap



END