FAPI-SIG Community 4th Meeting

@Web Conference

7 Oct 2020

PROPOSED DRAFT

Table of Contents

Status Updates from 3rd Meeting

   FAPI-RW

   FAPI-CIBA (poll mode)

Proposing New Project

   Client Policy Official Support

About CIBA Prototype Implementation Practice Guide

PROPOSED DRAFT

Status Updates from 3rd Meeting

PROPOSED DRAFT

Updated Items

[First Priority]

● FAPI-RW

  Pass Conformance Tests. (by Nov 2020)

  Implementation & Contribution

  Update on JIRA ticket and Issues

  ✅ **FAPI-RW OP w/MTLS**

  ✅ **FAPI-RW OP w/Private Key**

  Conformance Test Run & Feedback

  Run against the released keycloak

  FAPI-RW OP w/MTLS

  FAPI-RW OP w/Private Key

Updated Items

[First Priority]

● FAPI-CIBA (poll mode)

  Implement & Contribute (by Dec 2020)

    Implementation & Contribution

      Update on JIRA ticket and Issues

      ✔ **Breaking down to subtasks for cooperation**

[Managerial Works]

● Transferring github FAPI-SIG repository from jsoss-sig to keycloak organization

  https://github.com/keycloak/kc-sig-fapi

Status Updates from 3rd Meeting
FAPI-RW

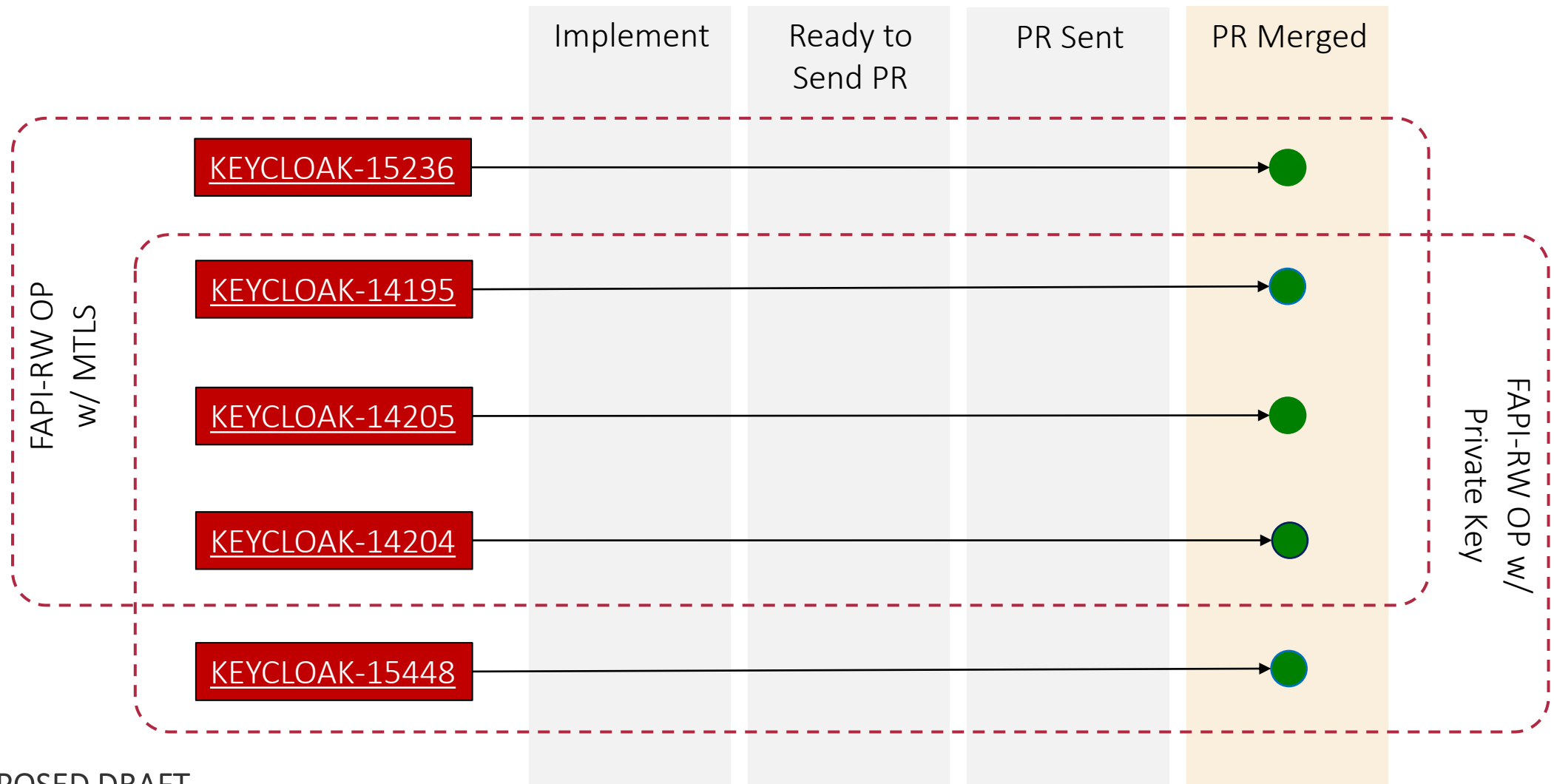# Update on JIRA ticket and Issues For FAPI-RW OP w/MTLS and w/Private Key

[keycloak matter]

Resolve the following JIRA tickets :

- KEYCLOAK-15236 --- merged
- KEYCLOAK-14195 --- merged
- KEYCLOAK-14204 --- merged
- KEYCLOAK-14205 --- merged
- KEYCLOAK-15448 --- merged

PROPOSED DRAFT

JIRA Tickets and Corresponding PRs Status : w/ MTLS and w/ Private Key

Remaining Issues for FAPI-RW project

[Conformance Test]

• #39 Confirm all FAPI R/W OP w/ MTLS conformance tests are passed by the released keycloak

  0 offer to work on it

• #40 Confirm all FAPI R/W OP w/ Private key conformance tests are passed by the released keycloak

  0 offer to work on it

Both waiting for the next version release.

[Conformance Test Environment]

• #45 Integrating FAPI-RW conformance tests run into keycloak's CI/CD pipeline

  1 offer to work on it, but not yet assigned

• #46 Consider alternative for keycloak-gatekeeper used in FAPI-RW conformance test run environment

  1 offer to work on it, but not yet assigned

Status Updates from 3rd Meeting FAPI-CIBA (poll mode)

Breaking down to subtasks for cooperation

Major 1 task :

Based on CIBA prototype implementation,

(https://github.com/tnorimat/keycloak/tree/ciba-prototype-v1.0)

realizing CIBA support complying with its design document

(https://github.com/keycloak/keycloak-community/blob/master/design/client-initiated-backchannel-authentication-flow.md)

broken down to 13 subtasks and registered as github issues.

To ease these subtasks, CIBA prototype implementation practical guide was provided

(https://github.com/keycloak/kc-sig-fapi/blob/master/FAPI-SIG/documents/FAPI-CIBA/CIBA_PrototypeImplPracticalGuide.pdf)

Breaking down to subtasks for cooperation

[Backchannel Authentication Request]

- #53 encrypt/decrypt login_hint

  1 offer to work on it, but not yet assigned

- #54 support login_hint_token

  1 offer to work on it, but not yet assigned

- #55 support id_token_hint

  1 offer to work on it, but not yet assigned

- #56 support Signed Authentication Request

  1 offer to work on it, but not yet assigned

- #57 support User Code

  1 offer to work on it, but not yet assigned

PROPOSED DRAFT

Breaking down to subtasks for cooperation

[Settings]

- #58 Realm Settings (CIBA Policy) overriden by Client Settings

  0 offer to work on it

[Internals]

- #59 Use Only Auth Result Cache by Infinispan For CIBA Flow Session Binding

  0 offer to work on it

- #60 Use Auth Result ID instead of decoupled_auth_id For CIBA Flow Session Binding

  0 offer to work on it

- #61 Token Request Throttling Information Not Cluster-wide Sync

  0 offer to work on it

- #62 Use Security Event Token (SET) as message format between keycloak and Decoupled Auth Server

  0 offer to work on it

PROPOSED DRAFT

Breaking down to subtasks for cooperation

[Arquillian Integration Test]

- #63 Confirm CIBA Implementation Works Well in Clustering Environment

  1 offer to work on it, but not yet assigned

- #64 Confirm CIBA Implementation Works Well in Cross-DC Environment

  1 offer to work on it, but not yet assigned

[Conformance Test]

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

  1 offer to work on it, but not yet assigned

Proposing New Project

Client Policy Official Support

[Objective]

FAPI-RW and FAPI-CIBA need to be supported officially, not technology preview by RHSSO.

To do so, Client Policy needs to be supported officially, not technology preview because FAPI-RW and FAPI-CIBA can be realized by Client Policy.
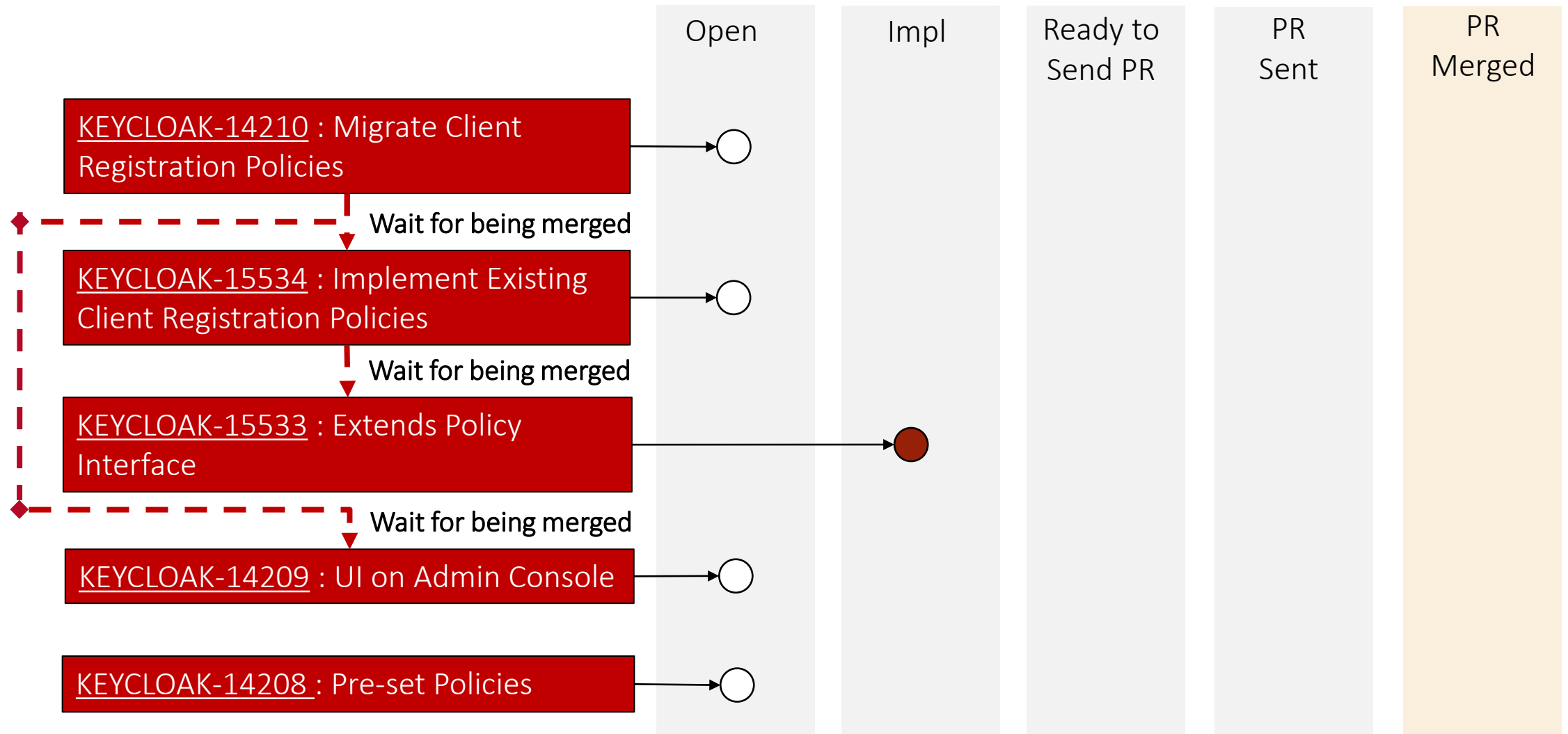
Client Policy Official Support

[Tickets need to be resolved and still open]

- <u>KEYCLOAK-14208</u> Client Policy : Pre-set Policies

- <u>KEYCLOAK-14209</u> Client Policy : UI on Admin Console

- <u>KEYCLOAK-14210</u> Client Policy : Migrate Client Registration Policies to Client Policies

- <u>KEYCLOAK-15533</u> Client Policy : Extends Policy Interface to Migrate Client Registration Policies

- <u>KEYCLOAK-15534</u> Client Policy : Implement Existing Client Registration Policies as Client Policies
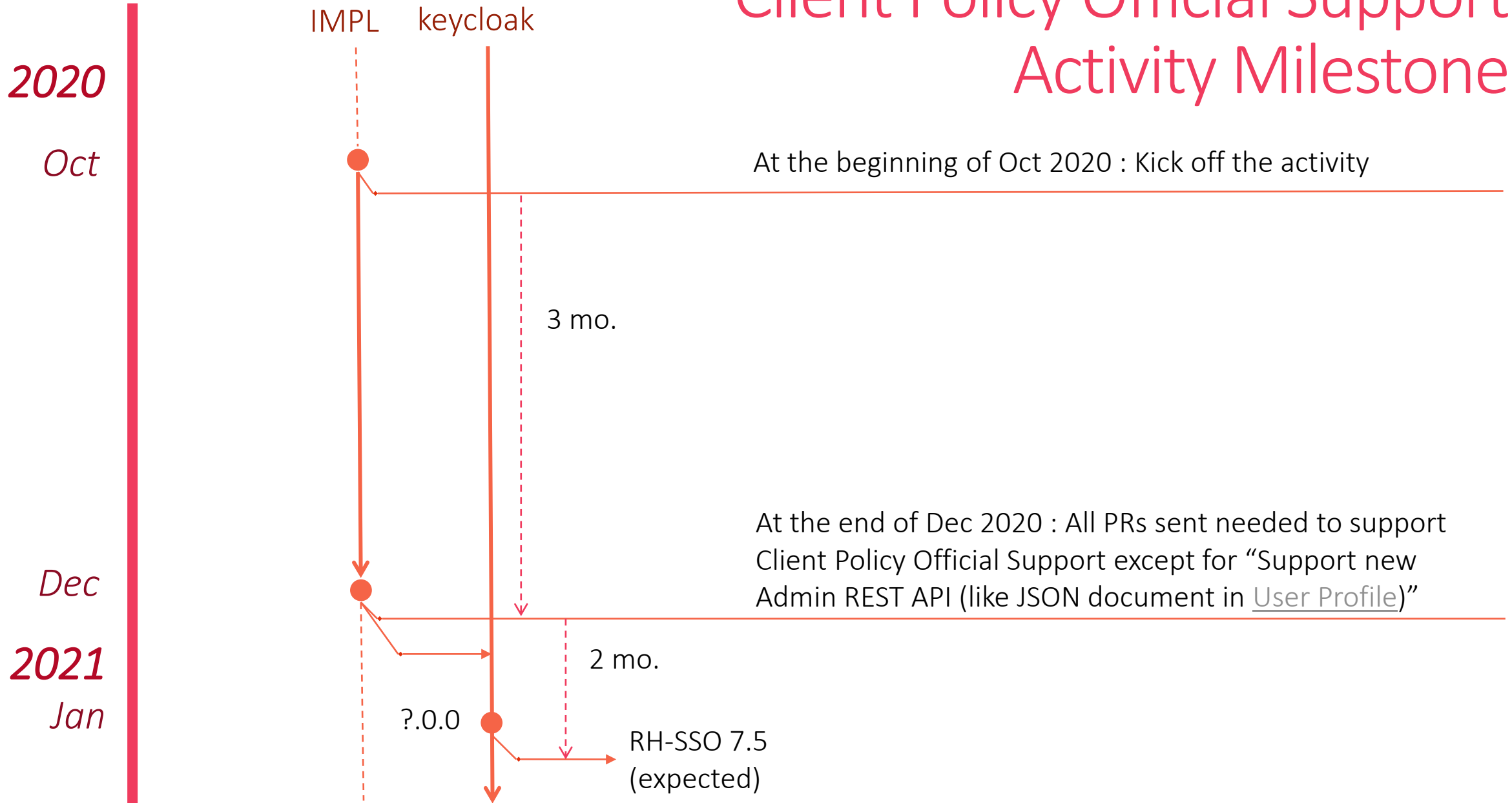
[Issues not yet registered as JIRA ticket]

- Support new Admin REST API (like JSON document in <u>User Profile</u>)

PROPOSED DRAFT

Client Policy Official Support

Client Policy Official Support Activity Milestone

2020

Oct — IMPL, keycloak

At the beginning of Oct 2020 : Kick off the activity

3 mo.

At the end of Dec 2020 : All PRs sent needed to support Client Policy Official Support except for "Support new Admin REST API (like JSON document in User Profile)"

Dec

2021

Jan

2 mo.

?.0.0

RH-SSO 7.5 (expected)

PROPOSED DRAFT

19

About CIBA Prototype Implementation Practice Guide

PROPOSED DRAFT

Brief Description of CIBA Prototype Implementation Practice Guide

Please refer to

https://github.com/keycloak/kc-sig-fapi/blob/master/FAPI-SIG/documents/FAPI-CIBA/CIBA_PrototypeImplPracticalGuide.pdf

END