FAPI-SIG Community 9th Meeting

@Web Conference

16 Dec 2020

Table of Contents

Major Topics

Status Updates from 8th Meeting

   FAPI-RW

   FAPI-CIBA (poll mode)

   Client Policy Official Support

Meeting Schedule

PROPOSED DRAFT

Major Topics

PROPOSED DRAFT

Major Topics

● Project : FAPI-CIBA (poll mode)

First PR for CIBA support was sent.

https://github.com/keycloak/keycloak/pull/7679

● Project : Client Policy Official Support

Subproject : Client Registration Policies Migration was started by FAPI-SIG collaborators.

https://github.com/tnorimat/keycloak/pull/17

https://github.com/tnorimat/keycloak/pull/18

Status Updates from 8th Meeting
FAPI-RW

PROPOSED DRAFT

Remaining Issues Status

2 Dec 2020

4 Issues in total

1 Resolved

1 In Progress

2 Assigned

0 Not Assigned

16 Dec 2020

1 Resolved   +0

1 In Progress   +0

2 Assigned   +0

0 Not Assigned   +0

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

  Assigned

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

  Assigned

Both waiting for the next version release.
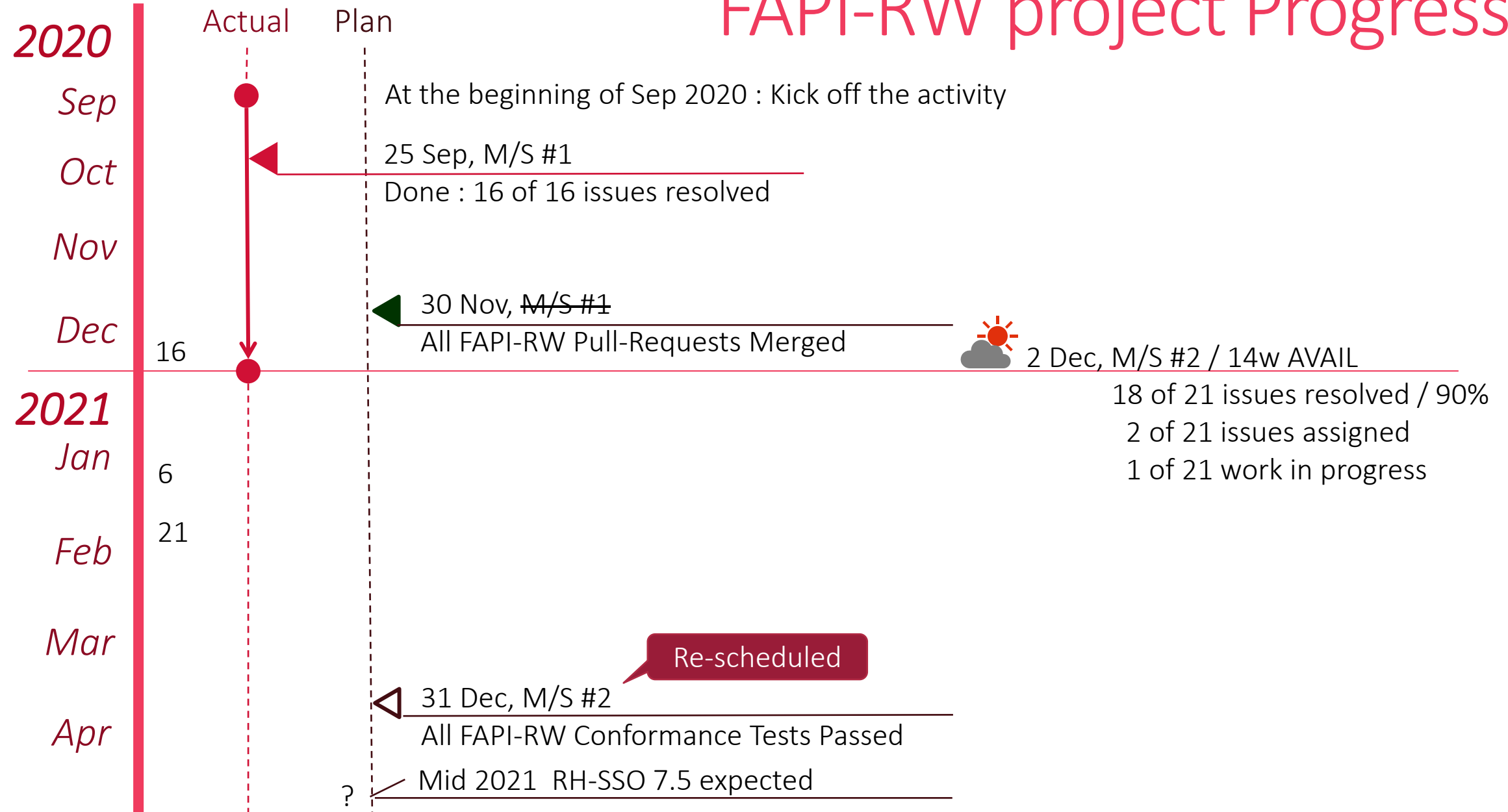
[Conformance Test Environment]

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

 FAPI-RW conformance test run automation completed.

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

 Resolved

PROPOSED DRAFT

FAPI-RW project Progress

2020

Sep — At the beginning of Sep 2020 : Kick off the activity

Oct — 25 Sep, M/S #1
Done : 16 of 16 issues resolved

Nov

Dec — 30 Nov, ~~M/S #1~~
All FAPI-RW Pull-Requests Merged

16 — 2 Dec, M/S #2 / 14w AVAIL
18 of 21 issues resolved / 90%
2 of 21 issues assigned
1 of 21 work in progress

2021

Jan 6

Feb 21

Mar

Re-scheduled

31 Dec, M/S #2
All FAPI-RW Conformance Tests Passed

Apr

? — Mid 2021 RH-SSO 7.5 expected

Actual   Plan

Status Updates from 8th Meeting FAPI-CIBA (poll mode)

Subtasks Status

2 Dec 2020

13 Subtasks in total

8 Resolved [62%]

1 In Progress

4 Assigned

0 Not Assigned

16 Dec 2020

8 Resolved [62%]   +0

1 In Progress   +0

4 Assigned   +0

0 Not Assigned   +0

Remaining Issues for FAPI-CIBA project

[Backchannel Authentication Request]

- #53 encrypt/decrypt login_hint

  Resolved

- #54 support login_hint_token

  Resolved

- #55 support id_token_hint

  Resolved

- #56 support Signed Authentication Request

  Assigned

- #57 support User Code

  Resolved

Remaining Issues for FAPI-CIBA project

[Settings]

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

 In Review

[Internals]

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

Resolved

• #60 Use Only Auth Result Cache on Communication with Decoupled Auth Server

Resolved

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

Resolved

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

Resolved

Remaining Issues for FAPI-CIBA project

[Arquillian Integration Test]

- #63 Confirm CIBA Implementation Works Well in Clustering Environment

  Assigned

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

  Assigned

[Conformance Test]

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

  Assigned

Upstreaming CIBA Support

● Pure CIBA

KEYCLOAK-12137 OpenID Connect Client Initiated Backchannel Authentication (CIBA)

- CIBA Implementation based on its prototype (tnorimat/ciba-prototype)
- #59 Use Only Auth Result Cache by Infinispan For CIBA Flow Session Binding
- #60 Use Only Auth Result Cache on Communication with Decoupled Auth Server
- #61 Token Request Throttling Information Not Cluster-wide Sync

● FAPI-CIBA
- #57 support User Code

● FAPI-CIBA
- #55 support id_token_hint

● FAPI-CIBA
- #54 support login_hint_token

● FAPI-CIBA
- #53 encrypt/decrypt login_hint

• • •

PROPOSED DRAFT

FAPI-CIBA (poll) project Progress

2020

Sep — At the beginning of Sep 2020 : Kick off the activity

Oct

Nov

Dec — 16

☁ 2 Dec, M/S #1 / 6w AVAIL ☀ M/S #2 / 14w AVAIL

8 of 13 issues resolved / 62% 0 of 1 issues resolved / 0%
5 of 13 issues assigned 1 of 1 issues assigned

2021

End of Dec, upstreaming CIBA support

Jan — 6

20

31 Jan, M/S #1

Feb — 3

All FAPI-CIBA (poll) Pull-Requests Merged

17

Mar

3

31 Mar, M/S #2

Apr — 17

All FAPI-CIBA (poll) Conformance Tests Passed

? Mid 2021 RH-SSO 7.5 expected

PROPOSED DRAFT

15

Status Updates from 8th Meeting
Client Policy Official Support

Subprojects

[Mandatory]

| Active | External Interfaces |

| Active | Client Policies for FAPI-RW |

[Optional]

| Pend | Built-in Default Client Policies |

| Active | Client Registration Policies Migration |

Issues Status - Subproject: External Interfaces

2 Dec 2020

6 Issues in total

0 Resolved [0%]

2 In Progress

1 Assigned

3 Not Assigned

16 Dec 2020

0 Resolved [0%]   +0

2 In Progress   +0

1 Assigned   +0

3 Not Assigned   +0

Subproject : External Interfaces

- KEYCLOAK-16137 Client Policy : Support New Admin REST API (Clear JSON Representation)

`In Review` Design

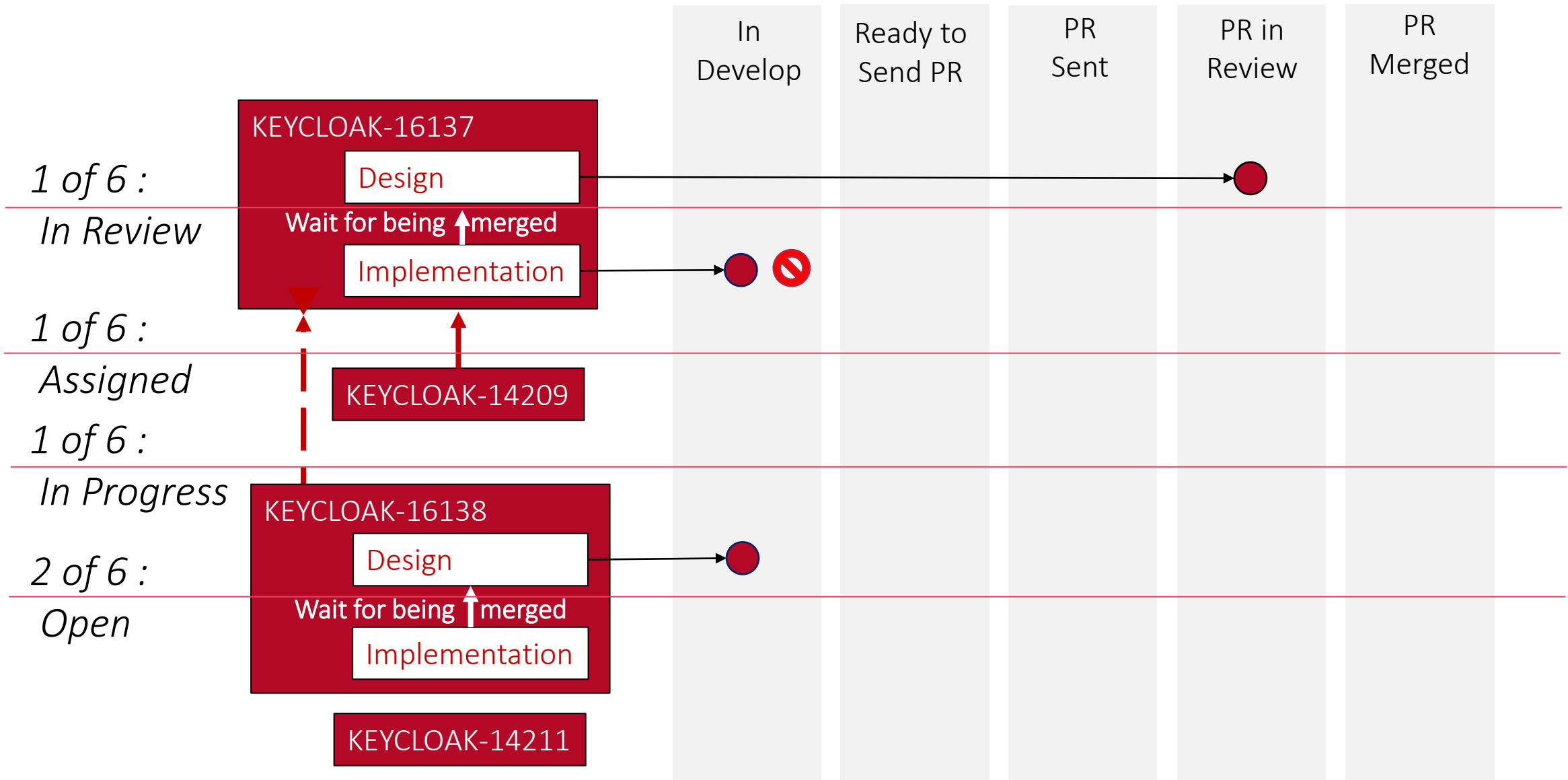`Assigned` Implementation

- KEYCLOAK-16138 Client Policy : Support New Admin Console UI

`In Progress` Design

  - Concept Design : https://marvelapp.com/prototype/6e70eh2/screen/74918976

  - Implementation

- KEYCLOAK-14209 Client Policy : UI on Admin Console

- KEYCLOAK-14211 Client Policy : Remove Client Policy related individual settings on Admin Console

Subproject : External Interfaces

	In Develop	Ready to Send PR	PR Sent	PR in Review	PR Merged

1 of 6 :
In Review

KEYCLOAK-16137
- Design → (PR in Review)
- Wait for being ⬆ merged
- Implementation → (In Develop) 🚫

1 of 6 :
Assigned

KEYCLOAK-14209

1 of 6 :
In Progress

KEYCLOAK-16138
- Design → (In Develop)
- Wait for being ⬆ merged
- Implementation

2 of 6 :
Open

KEYCLOAK-14211

Issues Status - Subproject: Client Policies for FAPI-RW

2 Dec 2020

17 Issues in total

11 Resolved [65%]

2 In Progress

4 Assigned

0 Not Assigned

16 Dec 2020

17 Issues in total

15 Resolved [88%]   +4

2 In Progress   +0

0 Assigned   -4

0 Not Assigned   +0

Subproject : Client Policies for FAPI-RW

RESOLVED KEYCLOAK-14190 Client Policy - Condition : The way of creating/updating a client

RESOLVED KEYCLOAK-14191 Client Policy - Condition : Author of a client - User Group

RESOLVED KEYCLOAK-14192 Client Policy - Condition : Author of a client - User Role

RESOLVED KEYCLOAK-14193 Client Policy - Condition : Client - Client Access Type

- ~~KEYCLOAK-14194 Client Policy - Condition : Client - Client Domain Name~~

RESOLVED KEYCLOAK-14195 Client Policy - Condition : Client - Client Role

RESOLVED KEYCLOAK-14196 Client Policy - Condition : Client - Client Scope

RESOLVED KEYCLOAK-14197 Client Policy - Condition : Client - Client Host

RESOLVED KEYCLOAK-14198 Client Policy - Condition : Client - Client IP

Subproject : Client Policies for FAPI-RW

RESOLVED KEYCLOAK-14199 Client Policy - Executor : Enforce more secure client authentication method when client registration

Ready to Send PR KEYCLOAK-14200 Client Policy - Executor : Enforce Holder-of-Key Token

RESOLVED KEYCLOAK-14201 Client Policy - Executor : Enforce Proof Key for Code Exchange (PKCE)

Ready to Send PR KEYCLOAK-14202 Client Policy - Executor : Enforce secure signature algorithm for Signed JWT client authentication

RESOLVED KEYCLOAK-14203 Client Policy - Executor : Enforce HTTPS URIs

RESOLVED KEYCLOAK-14204 Client Policy - Executor : Enforce Request Object satisfying high security level

RESOLVED KEYCLOAK-14205 Client Policy - Executor : Enforce Response Type of OIDC Hybrid Flow

RESOLVED KEYCLOAK-14206 Client Policy - Executor : Enforce more secure state and nonce treatment for preventing CSRF

RESOLVED KEYCLOAK-14207 Client Policy - Executor : Enforce more secure client signature algorithm when client registration

Subproject : Client Policies for FAPI-RW

	In Develop	Ready to Send PR	PR Sent	PR in Review	PR Merged
KEYCLOAK-14190					●
KEYCLOAK-14195					●
KEYCLOAK-14204					●
KEYCLOAK-14205					●
KEYCLOAK-14199					●
KEYCLOAK-14201					●
KEYCLOAK-14198					●
KEYCLOAK-14206					●
KEYCLOAK-14196					●
KEYCLOAK-14207					●
KEYCLOAK-14193					●

Subproject : Client Policies for FAPI-RW

	In Develop	Ready to Send PR	PR Sent	PR in Review	PR Merged
KEYCLOAK-14197					●
KEYCLOAK-14191					●
KEYCLOAK-14192					●
KEYCLOAK-14203					●

15 of 17 :
Resolved

	In Develop	Ready to Send PR	PR Sent	PR in Review	PR Merged
KEYCLOAK-14202		●			
KEYCLOAK-14200		● 🚫			

Wait for being merged

2 of 17 :
Ready to Send PR
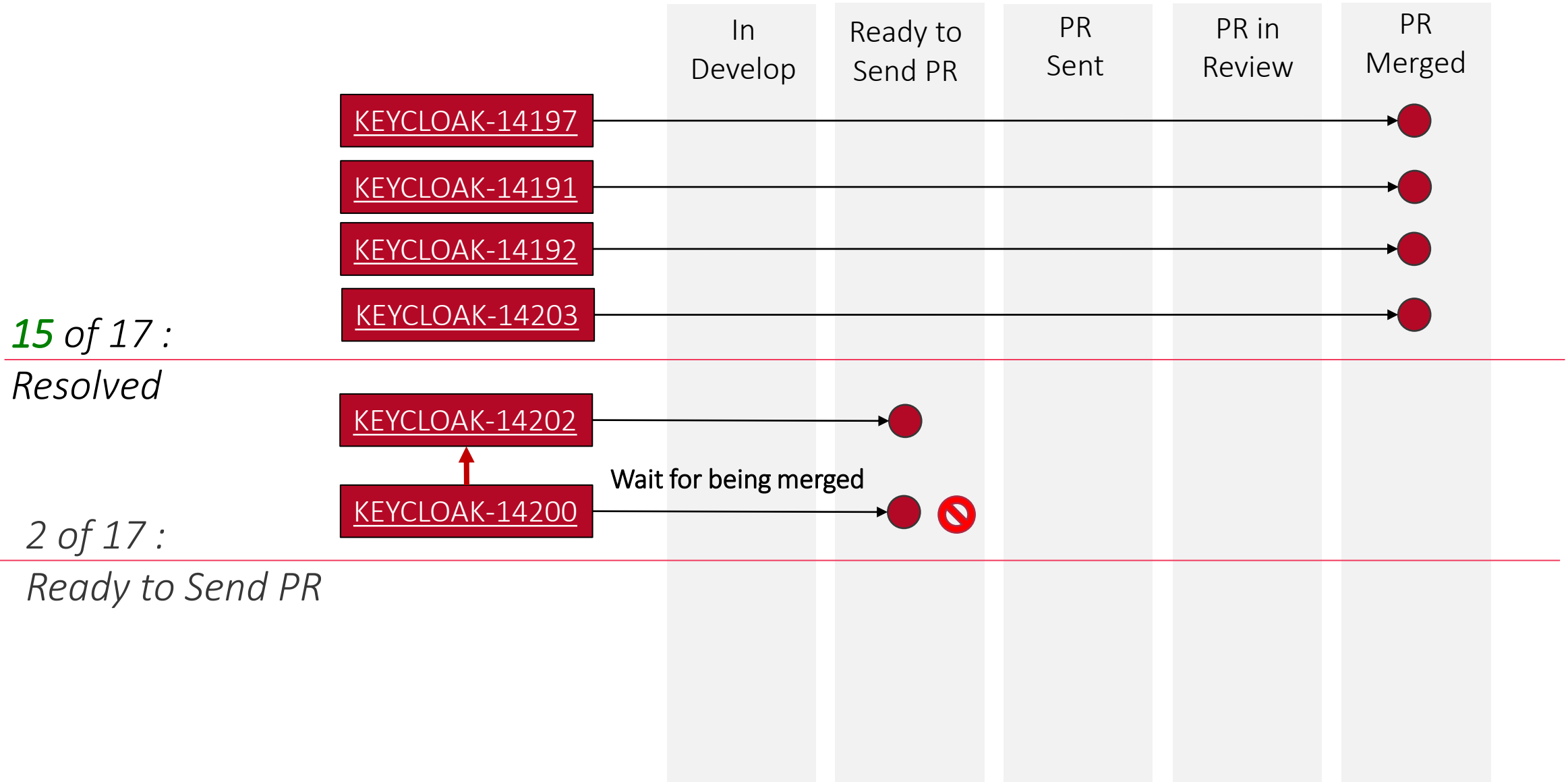
Issues Status – Subproject: Client Registration Policies Migration

2 Dec 2020

3 Issues in total

   0 Resolved [0%]

   0 In Progress

   0 Assigned

   3 Not Assigned

16 Dec 2020

   0 Resolved [0%]   +0

   2 In Progress   +2

   0 Assigned   +0

   1 Not Assigned   -2

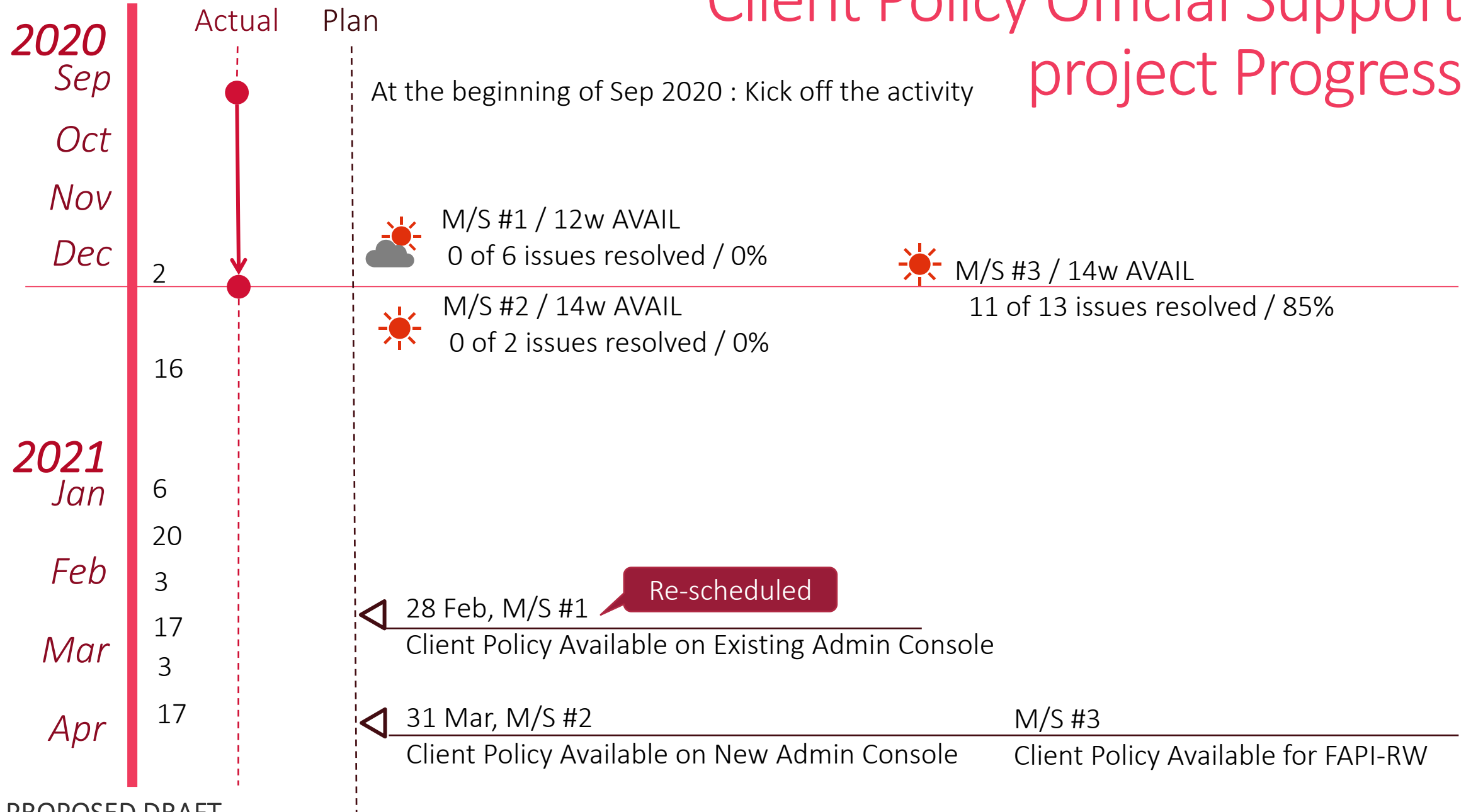# Subproject : Client Registration Policies Migration

`In Progress` KEYCLOAK-15533 Client Policy : Extends Policy Interface to Migrate Client Registration Policies

- KEYCLOAK-15534 Client Policy : Implement Existing Client Registration Policies as Client Policies

`In Progress` KEYCLOAK-14210 Client Policy : Migrate Client Registration Policies to Client Policies

Client Policy Official Support project Progress

2020
Sep

Oct

Nov

Dec

| Actual | Plan |

At the beginning of Sep 2020 : Kick off the activity

M/S #1 / 12w AVAIL
0 of 6 issues resolved / 0%

M/S #3 / 14w AVAIL
11 of 13 issues resolved / 85%

M/S #2 / 14w AVAIL
0 of 2 issues resolved / 0%

2

16

2021
Jan 6

20

Feb 3

17

Mar 3

17

Apr

Re-scheduled

28 Feb, M/S #1
Client Policy Available on Existing Admin Console

31 Mar, M/S #2
Client Policy Available on New Admin Console

M/S #3
Client Policy Available for FAPI-RW

PROPOSED DRAFT

Meeting Schedule

PROPOSED DRAFT

2020

Dec

16 ◀──── 9th web meeting (today)

30

2021

Jan

6 ◁──── 10th web meeting (+3w)

20 ◁──── 11th web meeting (+2w)

… every 2 week

END