

For keycloak FAPI-SIG  
21 Aug 2020

# FAPI-SIG Activities Update #1 in JPN

# Table of Contents

Re-run the latest conformance test against the latest keycloak

The analysis of re-run result

# Updated Items

[First Priority]

- FAPI-RW

Pass Conformance Tests. (by Nov 2020)

Implementation & Contribution

- ✓ Conformance Test Run & Feedback

Re-run the latest conformance test against the latest keycloak

- FAPI-CIBA

Implement & Contribute (by Dec 2020)

Implementation & Contribution

Re-run the latest conformance test  
against the latest keycloak

# Test & Environment Profile

## [Conformance Test]

- Certification Type : FAPI R/W OP w/ MTLS
- Conformance Test Version : 4.0.10 (latest on 21 Aug 2020)
- Conformance Test Target Specification : FAPI-RW ID2
- Conformance Test Variant : RequestObject:PS256/IDToken:PS256

## [Test Environment]

- Testing Environment : jsoss-sig/keycloak-fapi

## [Keycloak]

- Keycloak Version : 12.0.0-SNAPSHOT
- Keycloak Commit ID : ae39760a62285004900b1b595c6acaa3367935fe  
(latest on 21 Aug 2020)

# The Analysis of Re-Run Result

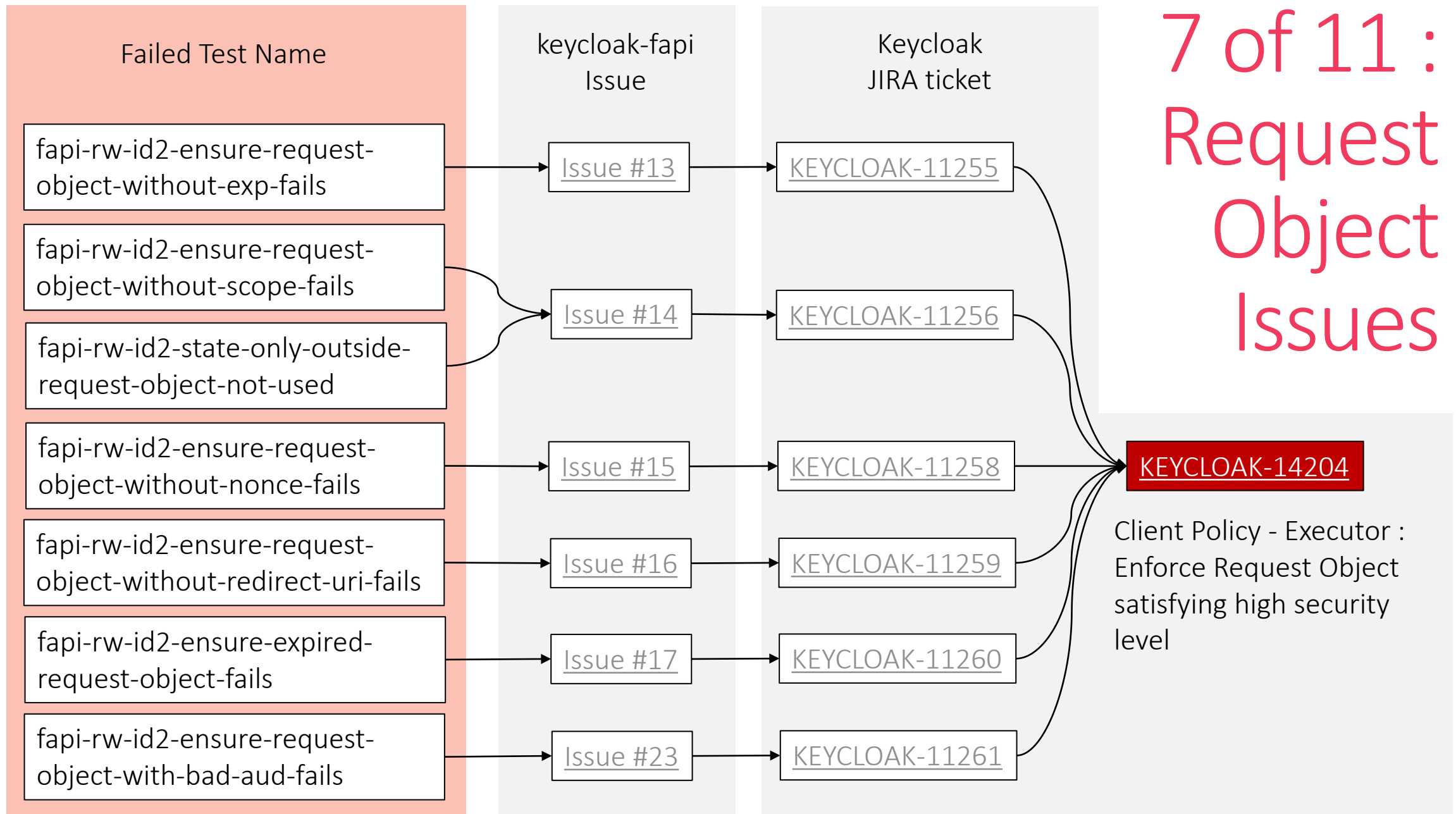
# Summary

- Tests in total : 30
- Passed/Review Tests : 19
- Failed Tests : 11

To pass all tests..

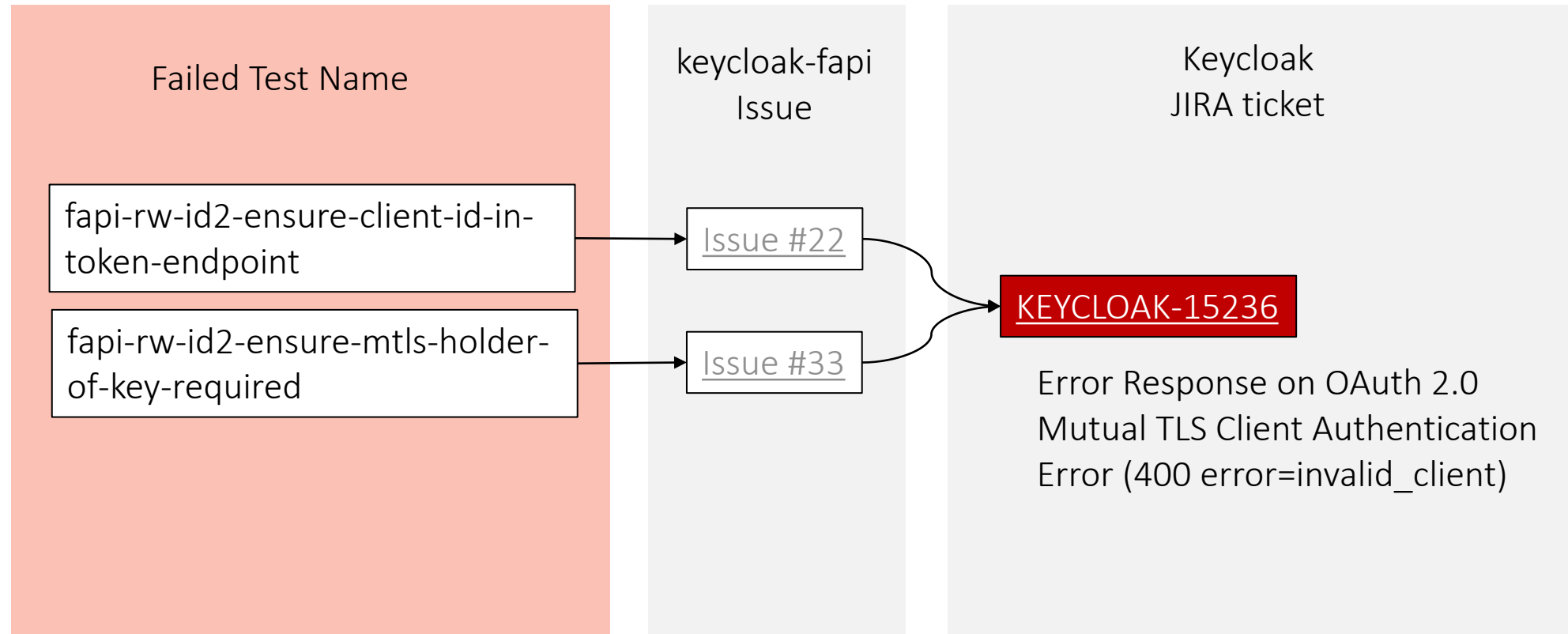
- keycloak JIRA tickets needs to be resolved : 4  
open : 1, ready to send PR : 3
- jsoss-sig/keycloak-fapi issues needs to be resolved : 1  
open : 1

# 7 of 11 : Request Object Issues

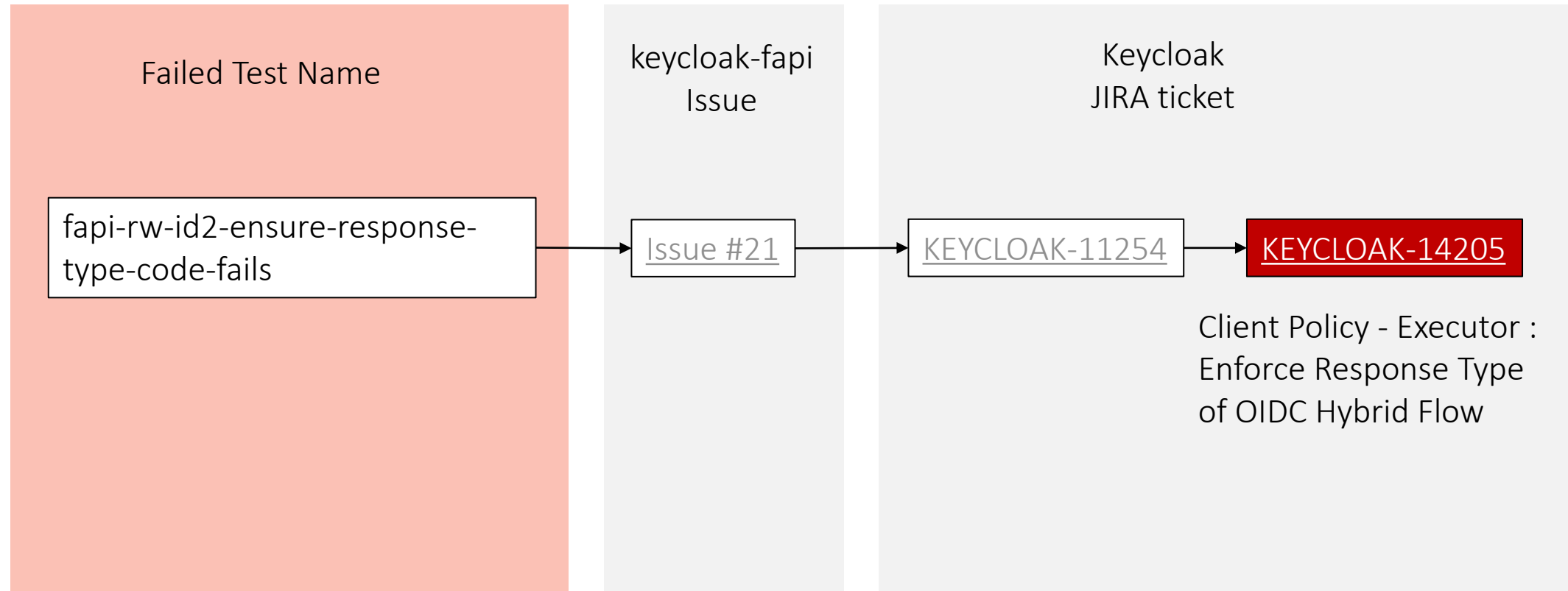




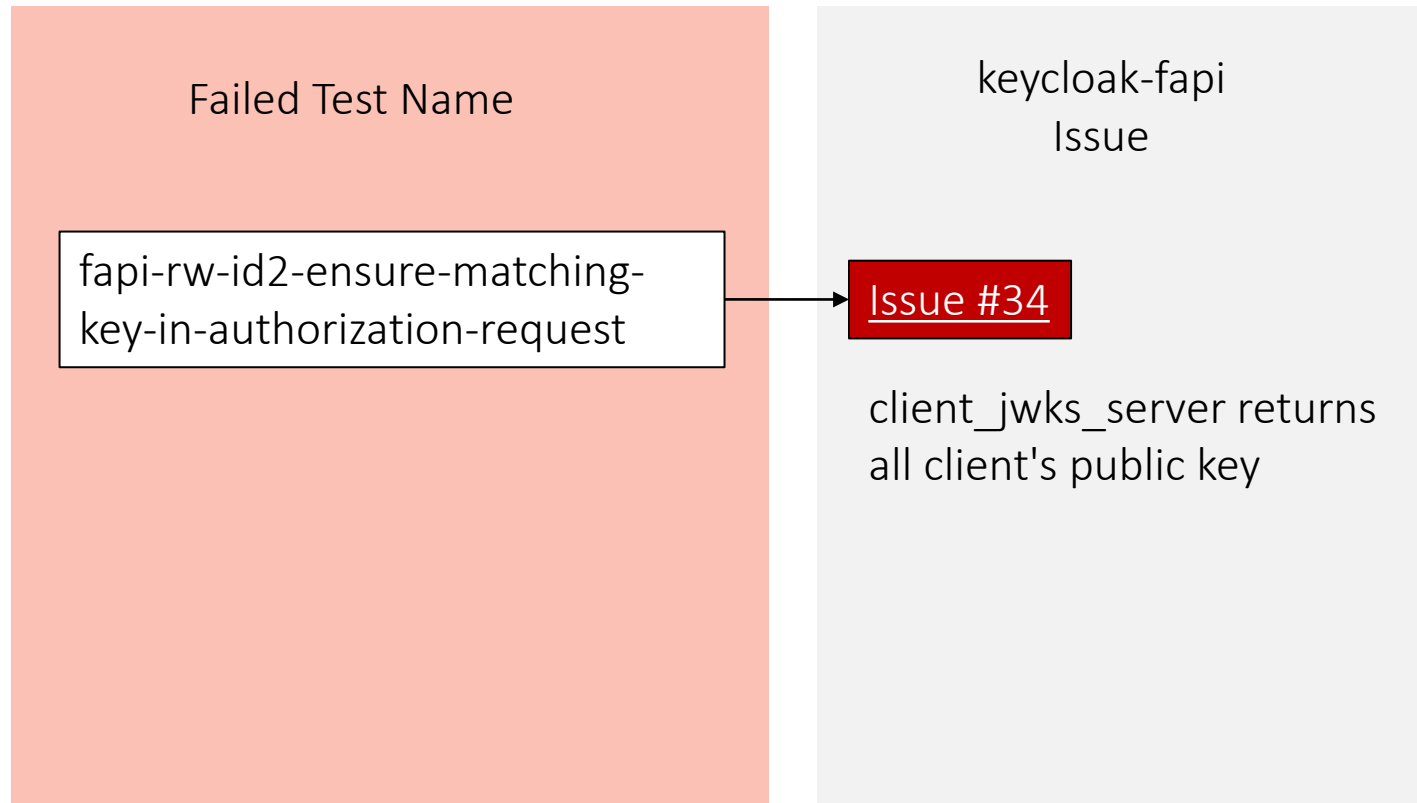
# 2 of 11 : Error Response on Client Authentication Issues



# 1 of 11 : Acceptable Response Type on Authorization Request



# 1 of 11 : keycloak-fapi matter - client\_jwks\_server



# Another One: Invoke Client Policy

## Condition

KEYCLOAK-14195

Client Policy - Condition :  
Client - Client Role

## Executor

KEYCLOAK-14204

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

KEYCLOAK-14205

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

KEYCLOAK-14204 and 14205 can be implemented as Executor of Client Policy.  
To make Executor effective, Condition of Client Policy is needed.  
I'll realize KEYCLOAK-14195 for one of these Conditions.

# Shortest Path to Pass All Tests

[keycloak matter]

Resolve the following JIRA tickets :

- KEYCLOAK-15236 --- open
- KEYCLOAK-14195 --- ready to send PR
- KEYCLOAK-14204 --- ready to send PR
- KEYCLOAK-14205 --- ready to send PR

[jsoss-sig/keycloak-fapi environment matter]

Resolve the following issues :

- Issue #34 --- open