

SIG Meeting: 2025-07-02 25th Meeting (70th from Ex FAPI-SIG)

Meeting Slides

- Date: Wed 2 July 2025
- Time:
 - 11:00 - 12:00 UTC in 1 hour
 - 07:00 - 08:00 EDT (UTC-4)
 - 12:00 - 13:00 BST (UTC+1)
 - 13:00 - 14:00 CEST (UTC+2)
 - 14:00 - 15:00 EEST (UTC+3)
 - 16:30 - 17:30 IST (UTC+5:30)
 - 20:00 - 21:00 JST (UTC+9)
 - 21:00 - 22:00 AEST (UTC+10)

Agenda

Agenda Items to discuss

Attendees

- Takashi Norimatsu
- Thomas Darimont
- Pascal Knüppel
- Forkim Akwichek
- Vinod Anandan
- Pascal Knuppel
- Marek Posolda
- Dmitry Telegin
- Kannan Rasappan
- Costas Georgilakis
- Rodrick Awambeng
- Bertrand Ogen

Notes

General

- Takashi presents current state of efforts
- Next OAuth SIG meeting will be held on Wednesday 6 July 2025.

New Support

1. Workload Identity - Transaction Token, SPIFEE

- Dimitry will give a talk at KeyConf NL and is also involved with the "Workload Identity" working group
- Dimitry: DCR (dynamic client registration) not suitable due to overhead and lack of cleanup mechanism
- Dimitry: Peter Kasselmann has a draft for an "ad-hoc" "automatic" client registration with a cleanup mechanism (<https://datatracker.ietf.org/doc/html/draft-kasselmann-oauth-spiife>)

2. OAuth 2.0 for First-Party Applications (FiPA)

- Adorsys built support for FiPA based on an extension for a customer
- They are considering contributing this to Keycloak
- Discussion on FiPA: <https://github.com/keycloak/keycloak/discussions/38796>

3. Shared Signals Framework (SSF)

- Thomas: no progress with the Implementation
- Thomas: SSF Working Group is working towards finalization (currently aligning spec texts CAEP, RISC, SSF), see <https://github.com/openid/sharedsignals>

4. OpenID Federation 1.0 (OIDFED)

- Costas: will present talk at KeyConf NL about OpenID Federation support in Keycloak
- OpenID Federation Support Issue: <https://github.com/keycloak/keycloak/issues/40509>
- Current OpenID Federation Draft No. 43 https://openid.net/specs/openid-federation-1_0.html
- Dynamic Client Registration for OpenID Federation in the context of Open banking UK <https://openbankinguk.github.io/dcr-docs-pub/v3.3/dynamic-client-registration.html>

5. FIDO2 conformance test

- Backbase / Dimitry: No update on FIDO Conformance tests

6. Attestation-Based Client Auth

- Thomas: FYI OIDF Cert Team currently adding support for Client Attestation based Client Authentication

7. Model Context Protocol (MCP)

- MCP Specification <https://modelcontextprotocol.io/specification/2025-06-18>
- Takashi gives MCP overview
- Keycloak might be used as Authorization Server in the context for MCP. For this the Authorization Server must be aware of MCP Resource Server
- Keycloak issues -> Needs OAuth Server metadata:
<https://github.com/keycloak/keycloak/discussions/40809>
- Keycloak needs proper Token Audience Binding -> RFC 8787 OAuth2 Resource Indicator Support
- Thomas: PR for OAuth2 Resource Indicator Support
<https://github.com/keycloak/keycloak/pull/35711>, PR needs tests. Marek recommends StandardTokenExchangeV2Test

Refinement

8. OpenID Verifiable Credentials Issuance (OID4VCI)

- Thomas: Conformance Tests are still on ID2 Draft 15
- Thomas: Current spec version recently released Draft 16
- OpenID4VCI for Keycloak: AIM ID2 Draft 15 -> to be able to run with conformance tests
- Thomas: Conformance Tests will probably updated by August

9. Token Exchange

- Marek: Internal to Internal working
- Marek: Internal to External coming next potentially

10. Demonstrating Proof-of-Possession (DPoP)

- Takashi: now investigating the spec of DPoP nonce.

11. Passkeys

12. FAPI 2.0 FINAL

- Thomas: New Release of Conformance Tests: <https://gitlab.com/openid/conformance-suite/-/releases/release-v5.1.33>

- Thomas: FAPI2 Security Profile Final tests available (next to the old ID2 ones for comparison)
- Thomas: OI DF Cert Team is still working on FAPI2 Security Profile final tests fixes
- Thomas: Keycloak Conformance testing could be configured to use the "Final" version
-> <https://github.com/keycloak/kc-sig-fapi/tree/main/conformance-tests-env/conformance-suite/fapi-conformance-suite-configs>

KeyConf 25

Recordings

[https://us06web.zoom.us/recording/detail?](https://us06web.zoom.us/recording/detail?meeting_id=wnY6Pua3S0%2BWVjtQNamfIQ%3D%3D&show_share=true)

[meeting_id=wnY6Pua3S0%2BWVjtQNamfIQ%3D%3D&show_share=true](https://us06web.zoom.us/recording/detail?meeting_id=wnY6Pua3S0%2BWVjtQNamfIQ%3D%3D&show_share=true)