OAuth SIG Community 3rd Meeting

(48th from ex-FAPI-SIG)

@Web Conference

6 September 2023

Table of Contents

PROPOSED DRAFT

Ongoing working items of security features

OIDF Certificate Program for FAPI 2.0

Site URL : https://openid.net/certification/

☐ FAPI2 Providers & Profiles

- FAPI 2.0 Security Profile Second Implementer's Draft & Message Signing First Implementer's Draft: 5 conformance profiles

  - FAPI2SP MTLS + MTLS

  - FAPI2SP private key + MTLS

  - FAPI2SP OpenID Connect

  - FAPI2MS JAR

  - FAPI2MS JARM

■ Specification

- FAPI 2.0 Security Profile: **Implementer's Draft**
  https://openid.net/specs/fapi-2_0-security-profile.html

- FAPI 2.0 Message Signing: **Draft**
  https://openid.bitbucket.io/fapi/fapi-2_0-message-signing.html

FAPI 2.0 Security Profile / FAPI 2.0 Message Signing

■ Epic: FAPI 2.0 support `Completed`
https://github.com/keycloak/keycloak/issues/20708
All issues were resolved.

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

- Epic: DPoP support **Completed**
  https://github.com/keycloak/keycloak/issues/21916
  All issues were resolved.

  Follow-up issue: promote from preview to supported
  https://github.com/keycloak/keycloak/issues/22311

Edwards-curve Digital Signature Algorithm (EdDSA)

- Supporting EdDSA: PR sent
  https://github.com/keycloak/keycloak/issues/15714

PROPOSED DRAFT

Lightweight Token

- ■ Discussion
  - Lightweight access tokens: https://github.com/keycloak/keycloak/discussions/9713
- ■ Implementation
  - Enhancing Light Weight Token: Draft PR sent   https://github.com/keycloak/keycloak/pull/22148

OpenID Connect for Identity Assurance 1.0 (OIDC4IDA)

- ■ Specification
  - OpenID Connect for Identity Assurance 1.0: **Draft**
    https://openid.net/specs/openid-connect-4-identity-assurance-1_0.html
- ■ Discussion
  - Support for OIDC extensions: OIDC4IDA:
    https://github.com/keycloak/keycloak/discussions/21270
- ■ Implementation
  - implement oidc4ida: **Draft PR sent**
    https://github.com/keycloak/keycloak/pull/21309

KubeCon + CloudNativeCon North America 2023

KubeCon + CloudNativeCon North America 2023

■ Web Site: https://events.linuxfoundation.org/kubecon-cloudnativecon-north-america/

■ Program: https://events.linuxfoundation.org/kubecon-cloudnativecon-north-america/program/schedule/

■ Date: 6 - 9 November 2023

■ Venue: McCormick Place West, Chicago, Illinois, United States of America

■ Keycloak related sessions:

- *Maintainer track: 10 Years of Keycloak - What's Next for Cloud-Native Authentication and OIDC? Alexander Schwartz, Red Hat & Takashi Norimatsu, Hitachi, Ltd.*
- *Contribfest: Keycloak - Accelerate New Features, Squash Bugs and Learn to Contribute Alexander Schwartz & Michal Hajas, Red Hat.*
- *Session: Challenge to Implementing "Scalable" Authorization with Keycloak Yoshiyuki Tabata, Hitachi, Ltd.*
- *Session: Beyond Passwords: Keycloak's Contributions to Identity and Access Management and Security Soojin Lee, Megazone*

END