

@Web Conference  
4 October 2023

# OAuth SIG Community 4<sup>th</sup> Meeting (49<sup>th</sup> from ex-FAPI-SIG)

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# KubeCon + CloudNativeCon North America 2023

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- 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

# Ongoing working items of security features

# Edwards-curve Digital Signature Algorithm (EdDSA)

■ Supporting EdDSA: **PR sent**

<https://github.com/keycloak/keycloak/issues/15714>

# Lightweight Token

## ■ Discussion

- Lightweight access tokens:

<https://github.com/keycloak/keycloak/discussions/9713>

## ■ Implementation

- Enhancing Light Weight Token:

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](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>



# New topics

# Passkeys (Multi-Device FIDO Credentials)

## ■ Resources:

- FIDO Alliance : <https://fidoalliance.org/white-paper-multi-device-fido-credentials/>
- Apple : <https://developer.apple.com/passkeys/>
- Google : <https://developers.google.com/identity/passkeys>
- passkeys.dev : <https://passkeys.dev/>

## ■ Discussion:

<https://github.com/keycloak/keycloak/discussions/16201>

## ■ Notes:

- Existing demo of passkeys by keycloak (keycloak competence center in Switzerland)  
<https://keycloak.ch/keycloak-tutorials/tutorial-passkey/>

# OpenID4VC High Assurance Interoperability Profile with SD-JWT VC

END