

@Web Conference
28 February 2024

OAuth SIG OID4VC Breakout 10th Session

Table of Contents

Issues & Pull Requests










Roadmap

Open Floor

Issues / Pull Requests

■ Main Issue

➤ <https://github.com/keycloak/keycloak/issues/25936>

-  [Create SPI and Provider for Verifiable Credentials Signing #25937](#)
-  [Support Credentials Issuance through the OID4VCI Protocol #25940](#)
-  [Issue Verifiable Credentials in the JWT-VC format #25941](#)
-  [Issue Verifiable Credentials in the SD-JWT-VC format #25942](#)
-  [Issue Verifiable Credentials in the VCDM format #25943](#)
-  [Extend Account Console to support Credentials Issuance Self-Service #25945](#)
-  [Support Authorization Code Flow for VC Issuance #26328](#)
-  [Keycloak native implementation of SD-JWT #25638](#)
-  [Support EC Key-Imports for the JavaKeystoreKeyProvider #26936](#)

■ Merged Pull Request: OAuth 2.0 Grant Type SPI #26250

■ Open Pull Request: Issue Verifiable Credentials in the SD-JWT-VC format #25942

■ Authorization Code Flow for VC Issuance #26328

- *Hitachi would like to break this issue into two sub-issues*
- *VC issuance in Authz Code flow without considering “scope” parameter*
 - *issuing pre-determined Credential Type (not considering value of scope param)*
- *VC issuance in Authz Code flow with considering “scope” parameter*
 - *for types not defines in OID4VC, need to map scope param to credential type*
 - *A holder requests an issuer (Keycloak) for its credential issuer metadata.*
 - *This credential issuer metadata includes credential_configurations_supported parameter, which includes credential_configuration_id(s).*
 - *The holder pick up one of value of credential_configuration_id(s), and put it onto a scope parameter of an authorization code request.*
 - *On receiving the authorization code request, the issuer (Keycloak) prepare a verifiable credentials in a format and type which a value of scope parameter (namely, credential_configuration_id indicates)*
- *Flour opened for discussion*

Issues / Pull Requests

- Scope of PAR
 - <https://github.com/keycloak/keycloak/issues/9225>
 - *Flour opened for discussion*

Roadmap

- Feb 2024
- Mar 2024

Open Floor