

@Web Conference
20th March 2024

OAuth SIG OID4VC Breakout 12th 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: Issue Verifiable Credentials in the VCDM format #25943
 - Open Pull Request: Support Credentials Issuance through the OID4VCI Protocol #25940
 - Missing for eIDAS2 Wallet Show Case: Extend Account Console to support Credentials Issuance Self-Service #25945

■ 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 RAR

➤ <https://github.com/keycloak/keycloak/issues/9225>

- ☒ [Let users configure Dynamic Client Scopes #9222](#)
- ☒ [Create an internal representation of RAR that also handles Static and Dynamic Client Scopes #9223](#)
- ☒ [Handle Dynamic Scopes correctly in the consent screen #9224](#)
- ☒ [Store the Dynamic Scope parameter to avoid showing the Consent Screen every time there's an authentication #9686](#)
- ☒ [Figure out why the tests of DynamicScopesRARParseTest fail on Wildfly and Quarkus and reenale them #9835](#)
- ☒ [Restrict Dynamic Scopes to optional Client Scopes #9750](#)
- ☒ [Implement the Dynamic Scopes parsing for the resource-owner-password-credentials grant. #9919](#)
- ☒ [Make Token Mappers attached to Dynamic Scopes execute with the static scopes' #9941](#)

Issues / Pull Requests

- Keycloak as Verifier
 - *Any federation use case?*
 - *Any Token Exchange use case?*

Roadmap

- Mar 2024
- Apr 2024

Open Floor