

@Web Conference
24th April 2024

OAuth SIG OID4VC Breakout 16th 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](#)
- ✓ [Keycloak native implementation of SD-JWT #25638](#)
- ✓ [Support EC Key-Imports for the JavaKeyStoreKeyProvider #26936](#)
- ⬢ [Grant urn:ietf:params:oauth:grant-type:pre-authorized_code enabled even if oid4vc_vci feature is disabled #28968](#)
- ⬢ [Extend Account Console to support Credentials Issuance Self-Service #25945](#)
- ⬢ [Support Authorization Code Flow for VC Issuance #26328](#)

■ Merged Pull Request: [Support Credentials Issuance through the OID4VCI Protocol #25940](#)

■ Active Issues: #25945, #26328

■ New Issue: #28968

■ 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](#)

- Keycloak as Verifier

- *Any federation use case?*
- *Any Token Exchange use case?*

Roadmap

- Apr 2024
- May 2024

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