

@Web Conference
08th May 2024

OAuth SIG OID4VC Breakout 17th Session

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Status

Main Issues

RAR

Proposal: Cloud Wallet

- Immediate Goal: Keycloak can work as an issuer of VCs
- Status: 8 out of 11 issues were resolved.
- Discussion: OpenID for Verifiable Credential Issuance
 - <https://github.com/keycloak/keycloak/discussions/17616>
- Design: OpenID Verifiable for Credential Issuance
 - <https://github.com/keycloak/keycloak-community/blob/main/design/OID4VCI.md>
- Epic issue : Support OpenID for Verifiable Credentials(OID4VC)
 - <https://github.com/keycloak/keycloak/issues/25936>

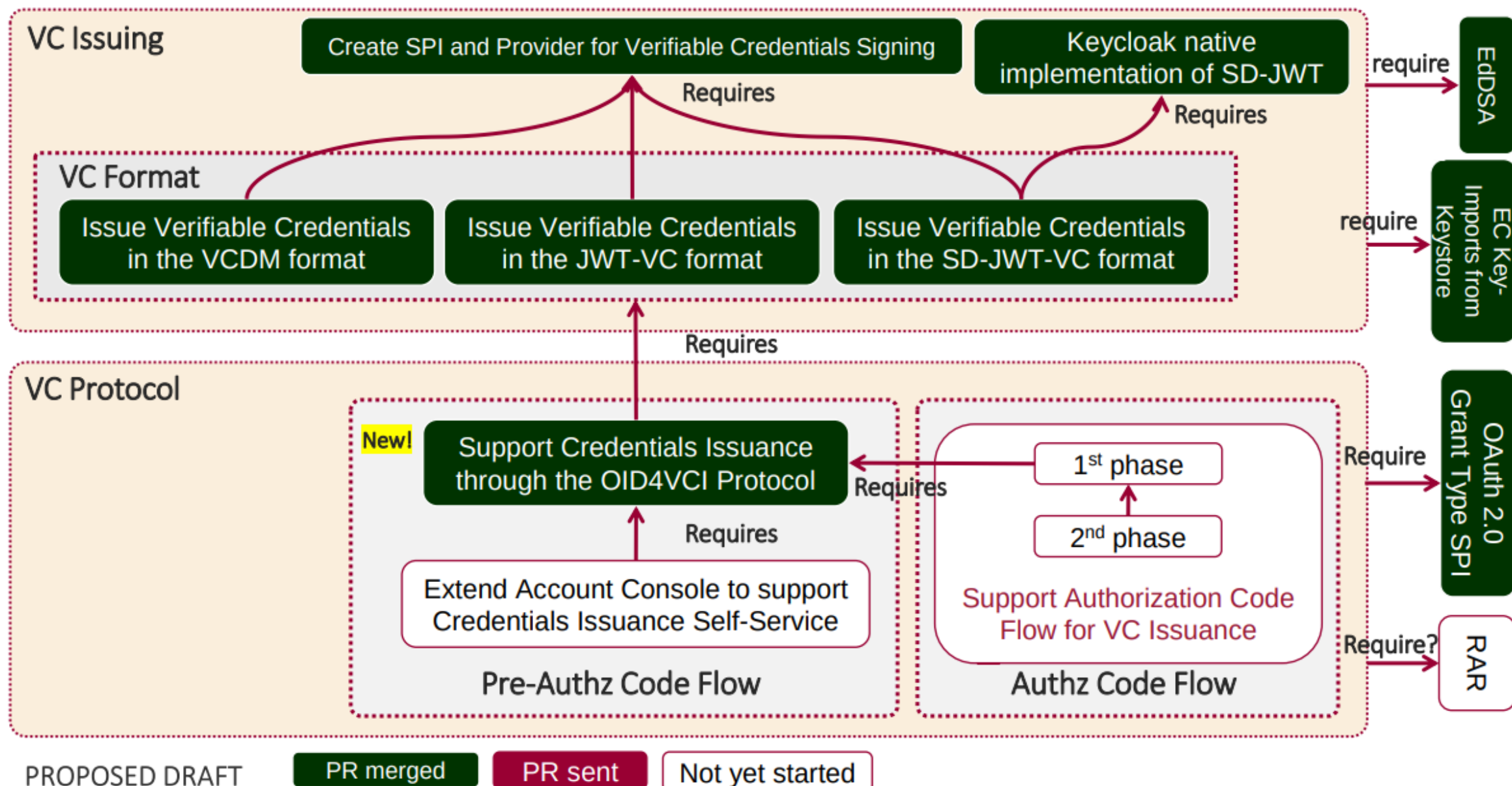
■ Main Issue

<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](#)
- [🔄 JWSBuilder when used directly with AsymmetricSignatureSignerContext produces non compliant ECDSA signed JWT #29309](#)

- Merged Pull Request: #26238
- Active Issues: #25945, #26328
- New Issue: #29309

OpenID Connect for Verifiable Credentials (OID4VCs)

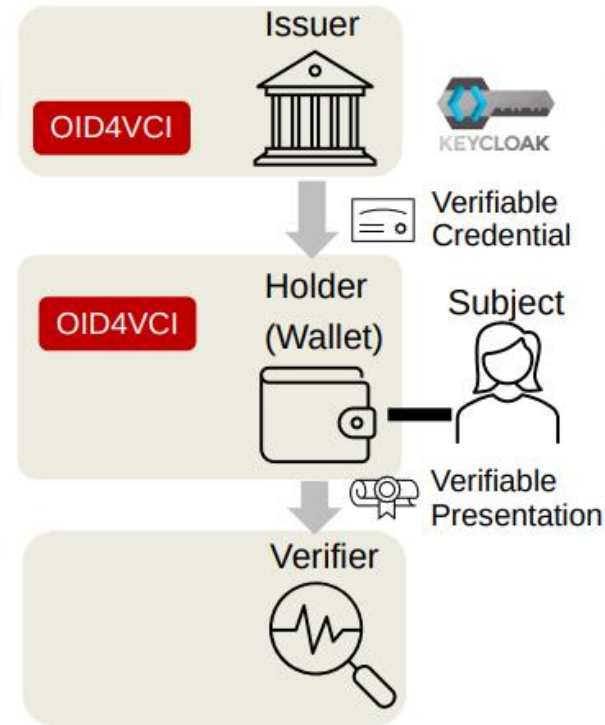


Rich Authorization Request (RAR)

- Status : stopped?
- Discussion
 - <https://github.com/keycloak/keycloak/discussions/8532>
- Design
 - <https://github.com/keycloak/keycloak-community/pull/325>
- Epic Issue
 - <https://github.com/keycloak/keycloak/issues/9225>

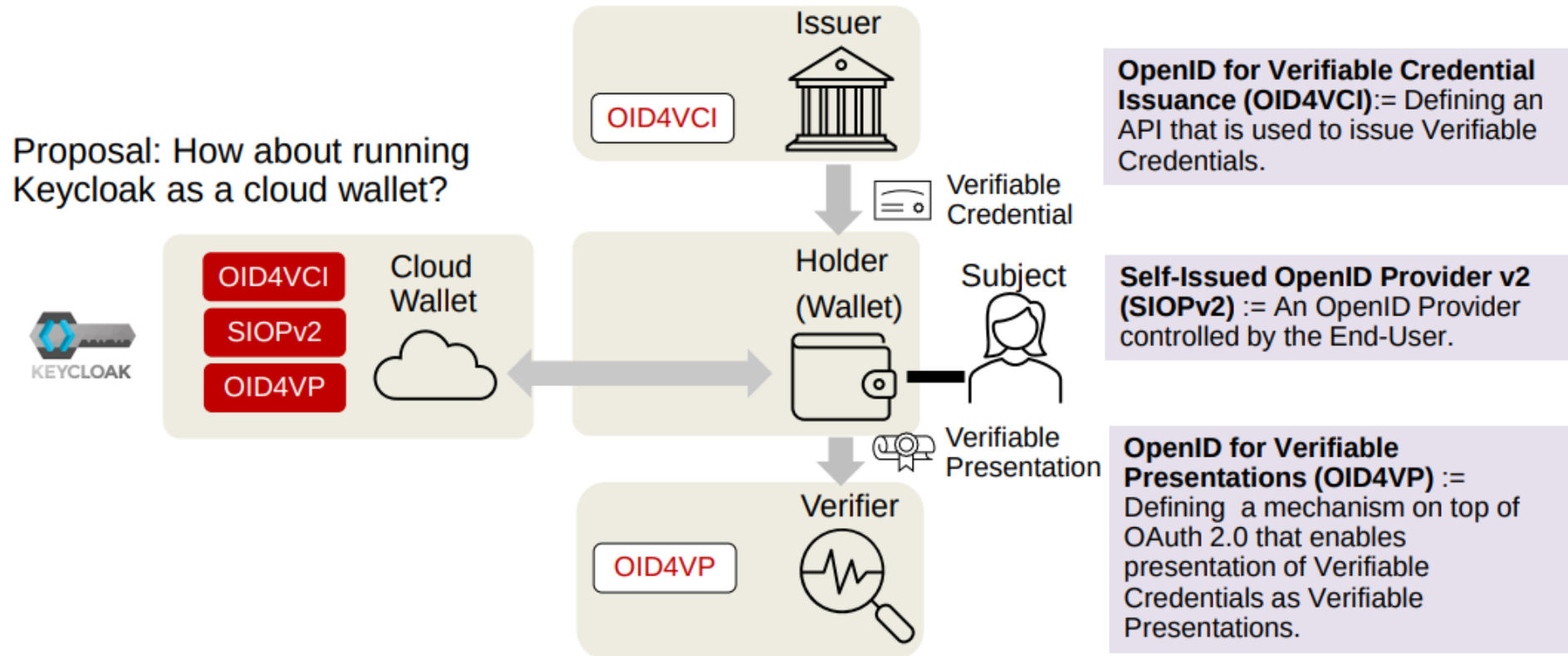
Proposal: Keycloak as Cloud Wallet

Keycloak's community is working on supporting OID4VCI.



OpenID for Verifiable Credential Issuance (OID4VCI): Defining an API that is used to issue Verifiable Credentials.

Proposal: Keycloak as Cloud Wallet



Open Floor