



# OpenID AB/Connect Working Group

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# Working Group Progress & Opportunities Since Last Workshop

## Working group highlights since last workshop in April 2024

- Nine OpenID Connect specs published as ISO Publicly Available Submission (PAS) specifications
- OpenID for Verifiable Credential Issuance specification adopted by DCP WG
- Third proposed Implementer's Draft of OpenID for Verifiable Presentations in WGLC
  - Simpler query language added to the spec as an alternative to Presentation Exchange
- Fourth OpenID Federation Implementer's Draft approved
- Security analysis of OpenID Federation under way by University of Stuttgart researchers
- OpenID Federation Extended Subordinate Listing specification adopted

## Challenges and opportunities facing the working group

- OpenID Federation in production use
  - In Italy, both for national federations
  - In Australia, for FAPI trust establishment
  - In Sweden, for national federations
  - FindyNet will run Wallet plugfest using OpenID Federation for trust establishment in November
    - Participants include Sphereon, Meeco, and walt.id
- Fostering relationships w/ wallet initiatives, national identity systems, and open finance worldwide

# ISO OpenID Connect Specifications! First family submitted...

- [ISO/IEC 26131:2024 – Information technology – OpenID connect – OpenID connect core 1.0 incorporating errata set 2](#)
- [ISO/IEC 26132:2024 – Information technology – OpenID connect – OpenID connect discovery 1.0 incorporating errata set 2](#)
- [ISO/IEC 26133:2024 – Information technology – OpenID connect – OpenID connect dynamic client registration 1.0 incorporating errata set 2](#)
- [ISO/IEC 26134:2024 – Information technology – OpenID connect – OpenID connect RP-initiated logout 1.0](#)
- [ISO/IEC 26135:2024 – Information technology – OpenID connect – OpenID connect session management 1.0](#)
- [ISO/IEC 26136:2024 – Information technology – OpenID connect – OpenID connect front-channel logout 1.0](#)
- [ISO/IEC 26137:2024 – Information technology – OpenID connect – OpenID connect back-channel logout 1.0 incorporating errata set 1](#)
- [ISO/IEC 26138:2024 – Information technology – OpenID connect – OAuth 2.0 multiple response type encoding practices](#)



# OpenID Connect Native SSO for Mobile Apps 1.0

- [https://openid.net/specs/openid-connect-native-sso-1\\_0.html](https://openid.net/specs/openid-connect-native-sso-1_0.html)
- Updated since last workshop
- Progressing towards final status

# OpenID Federation Extended Subordinate Listing

- [https://openid.net/specs/openid-federation-extended-listing-1\\_0.html](https://openid.net/specs/openid-federation-extended-listing-1_0.html)
- Adopted in August
- Extends OpenID Federation to provide efficient methods to interact with a potentially large number of registered Entities
- Motivated by open finance use cases in Australia, etc.
  
- ***Implementations and feedback wanted!***

# Two specification calls for adoption end today

## OpenID Federation Wallet Architectures 1.0

- <https://github.com/peppelinux/federation-wallet/>
- Defines entity types for trust establishment with OpenID Federation for wallet ecosystems

## OpenID Connect Relying Party Metadata Choices 1.0

- Addresses two issues
  - <https://bitbucket.org/openid/connect/issues/2158/metadata-parameter-value-arrays-for-rp>
  - <https://github.com/openid/federation/issues/12>

# Largely Inactive Specifications

Several adopted specs appear to not being actively worked on

- OpenID Connect Claims Aggregation
  - Private updates made removing duplication with OpenID4VC specs
- Self-Issued OpenID Provider v2
  - Work on OpenID4VP and OpenID4VCI appears to be taking precedence
- OpenID Connect UserInfo Verifiable Credentials
  - Inactive?

***Should any of these be officially marked as being discontinued?***