



Canada Health Infoway

Projectathon Profile Overview

Internet User Authorization (IUA)

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What is Internet User Authorization (IUA)?



- ❖ The IHE Internet User Authorization (IUA) is an interoperability profile that provides authorization for HTTP RESTful transactions.
- ❖ Being authorized means that the user, patient, or provider has legitimate access to this HTTP RESTful service. The authorization includes identifying the user and the application that is making the request to the HTTP RESTful server, so that server can make further access control decisions.

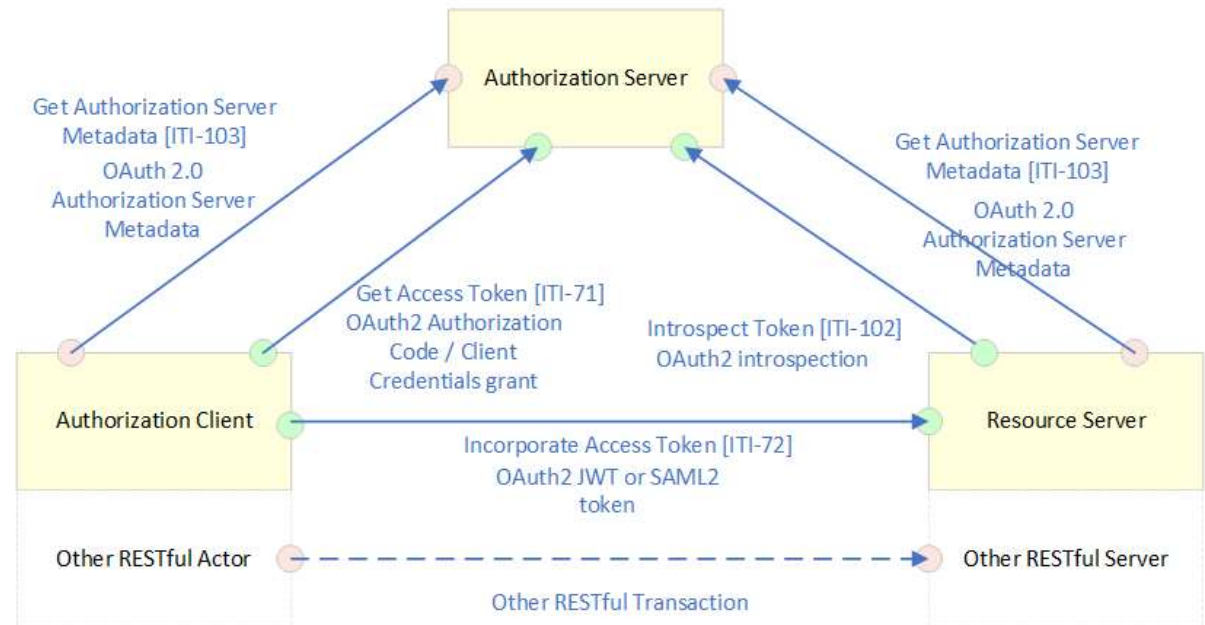
Profile Actors and Transactions



IUA Profile Actors:

- Authorization Client
- Resource Server
- Authorization Server

To learn more about IUA, go [here](#).



Canadian IUA Implementation Guidance



- ❖ OAuth2 / OIDC protocols (**Authorization Code** and **Client Credentials** grants)
- ❖ JSON Web Tokens (JWT) passed via the **Authorization: Bearer** HTTP Header
- ❖ Additional security features:
 - Proof Key for Code Exchange (PKCE)
 - State
 - Nonce
- ❖ Individual scopes associated to each CA:FeX and MHD transaction:
 - CAFEX-1, CAFEX-2 and CAFEX-3 for the CA:FeX transactions
 - ITI-65, ITI-66, ITI-67 and ITI-68 for the MHD transactions

No-peer Testing Tools



<https://infoscribe.infoway-inforoute.ca/display/PCI/Test+Tools+and+Training%3A+Projectathon+2023>



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Thank you!

To learn more about the Projectathon 2023, visit:

<https://infoscribe.infoway-inforoute.ca/display/PCI/Projectathon+March+2023>

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