OpenID Certification OP Tests

Explanations of legends at <u>end of page</u>

You are testing using:

- **Basic (code)**
- **Dynamic discovery**
- **Static registration**
- **crypto support ['encrypt', 'none', 'sign']**

If you want to change this you can do it <u>here</u>

Chose the next test flow you want to run from this list:

Response Type & Response Mode

- Authorization request missing the response_type parameter [Basic, Implicit, Hybrid] (OP-Response-Missing)

- Request with response_type=code [Basic] (OP-Response-code)

ID Token

- Does the OP sign the ID Token and with what [Basic, Implicit, Hybrid] (OP-IDToken-Signature)

- IDToken has kid [Basic, Implicit, Hybrid] (OP-IDToken-kid)

Userinfo Endpoint

- UserInfo Endpoint access with POST and bearer body [Basic, Implicit,

Hybrid] (OP-UserInfo-Body)

- UserInfo Endpoint access with GET and bearer header [Basic, Implicit, Hybrid] (OP-UserInfo-Endpoint)

- UserInfo Endpoint access with POST and bearer header [Basic, Implicit, Hybrid] (OP-UserInfo-Header)

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nonce Request Parameter

- Login no nonce, code flow [Basic] (OP-nonce-NoReq-code)

- ID Token has nonce when requested for code flow [Basic] (OP-nonce-code)

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scope Request Parameter

- Scope requesting all claims [Basic, Implicit, Hybrid] (OP-scope-All)

- Scope requesting address claims [Basic, Implicit, Hybrid] (OP-scope-address)

- Scope requesting email claims [Basic, Implicit, Hybrid] (OP-scope-email)

- Scope requesting phone claims [Basic, Implicit, Hybrid] (OP-scope-phone)

- Scope requesting profile claims [Basic, Implicit, Hybrid] (OP-scope-profile)

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display Request Parameter

- Request with display=page [Basic, Implicit, Hybrid] (OP-display-page)

- ⬤ Request with display=popup [Basic, Implicit, Hybrid] (OP-display-popup)

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prompt Request Parameter

- ⬤ Request with prompt=login [Basic, Implicit, Hybrid] (OP-prompt-login)

- ⬤ Request with prompt=none when logged in [Basic, Implicit, Hybrid] (OP-prompt-none-LoggedIn)

- ⬤ Request with prompt=none when not logged in [Basic, Implicit, Hybrid] (OP-prompt-none-NotLoggedIn)

Misc Request Parameters

- ⬤ Request with extra query component [Basic, Implicit, Hybrid] (OP-Req-NotUnderstood)

- ⬤ Providing acr_values [Basic, Implicit, Hybrid] (OP-Req-acr_values)

- ⬤ Providing claims_locales [Basic, Implicit, Hybrid] (OP-Req-claims_locales)

- ⬤ Using prompt=none with user hint through id_token_hint [Basic, Implicit, Hybrid] (OP-Req-id_token_hint)

- ⬤ Providing login_hint [Basic, Implicit, Hybrid] (OP-Req-login_hint)

- ⬤ Requesting ID Token with max_age=1 seconds restriction [Basic, Implicit, Hybrid] (OP-Req-max_age=1)

- ⬤ Requesting ID Token with max_age=10000 seconds restriction [Basic,

Implicit, Hybrid] (OP-Req-max_age=10000)

- Providing ui_locales [Basic, Implicit, Hybrid] (OP-Req-ui_locales)

OAuth behaviors

- Trying to use authorization code twice should result in an error [Basic, Hybrid] (OP-OAuth-2nd)

- Trying to use authorization code twice with 30 seconds in between uses must result in an error [Basic, Hybrid] (OP-OAuth-2nd-30s)

- Trying to use authorization code twice should result in revoking previously issued access tokens [Basic, Hybrid] (OP-OAuth-2nd-Revokes)

redirect_uri

- Sent redirect_uri does not match a registered redirect_uri [Basic, Implicit, Hybrid] (OP-redirect_uri-NotReg)

Client Authentication

- Access token request with client_secret_basic authentication [Basic, Hybrid] (OP-ClientAuth-Basic-Static)

- Access token request with client_secret_post authentication [Basic, Hybrid] (OP-ClientAuth-SecretPost-Static)

Discovery

- Publishes openid-configuration discovery information [Config, Dynamic] (OP-Discovery-Config)

- Keys in OP JWKs well formed [Config, Dynamic] (OP-Discovery-JWKs)

- Verify that claims_supported is published [Config, Dynamic] (OP-Discovery-claims_supported)

- Verify that jwks_uri is published [Config, Dynamic] (OP-Discovery-jwks_uri)

Key Rotation

- Can rotate OP encryption keys [Extra] (OP-Rotation-OP-Enc)

request_uri Request Parameter

- Support request_uri request parameter with unsigned request [Basic, Implicit, Hybrid] (OP-request_uri-Unsigned)

request Request Parameter

- Support request request parameter with unsigned request [Basic, Implicit, Hybrid, Dynamic] (OP-request-Unsigned)

claims Request Parameter

- Claims request with essential name claim [Basic, Implicit, Hybrid] (OP-claims-essential)

Legends

	The test has not be run

	Success
	Warning, something was not as expected
	Failed
	The test flow wasn't completed. This may have been expected or not
	Signals the fact that there are trace information available for the test