HEART Testing

From http://openid.net/wg/heart/,

> The HEART Working Group intends to harmonize and develop a set of privacy and security specifications that enable an individual to control the authorization of access to RESTful health-related data sharing APIs, and to facilitate the development of interoperable implementations of these specifications by others.

- https://github.com/mitreid-connect/OpenID-Connect-Java-Spring-Server/wiki/Server-configuration#endpoints

```
$ curl https://llw.aclark.net/.well-known/openid-configuration | jq
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
100  2829  100  2829    0     0   2540      0  0:00:01  0:00:01 --:--:--  2541
{
  "request_parameter_supported": true,
  "claims_parameter_supported": false,
  "introspection_endpoint": "https://llw.aclark.net/introspect",
  "scopes_supported": [
    "openid",
    "profile",
    "email",
    "address",
    "phone",
    "offline_access"
  ],
  "issuer": "https://llw.aclark.net/",
  "userinfo_encryption_enc_values_supported": [
    "A256CBC+HS512",
    "A256GCM",
    "A192GCM",
    "A128GCM",
    "A128CBC-HS256",
    "A192CBC-HS384",
    "A256CBC-HS512",
    "A128CBC+HS256"
  ],
  "id_token_encryption_enc_values_supported": [
    "A256CBC+HS512",
    "A256GCM",
    "A192GCM",
    "A128GCM",
    "A128CBC-HS256",
    "A192CBC-HS384",
    "A256CBC-HS512",
    "A128CBC+HS256"
  ],
  "authorization_endpoint": "https://llw.aclark.net/authorize",
  "service_documentation": "https://llw.aclark.net/about",
  "request_object_encryption_enc_values_supported": [
    "A256CBC+HS512",
    "A256GCM",
    "A192GCM",
    "A128GCM",
    "A128CBC-HS256",
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      "A192CBC-HS384",
      "A256CBC-HS512",
      "A128CBC+HS256"
    ],
    "userinfo_signing_alg_values_supported": [
      "HS256",
      "HS384",
      "HS512",
      "RS256",
      "RS384",
      "RS512",
      "ES256",
      "ES384",
      "ES512",
      "PS256",
      "PS384",
      "PS512"
    ],
    "claims_supported": [
      "sub",
      "name",
      "preferred_username",
      "given_name",
      "family_name",
      "middle_name",
      "nickname",
      "profile",
      "picture",
      "website",
      "gender",
      "zoneinfo",
      "locale",
      "updated_at",
      "birthdate",
      "email",
      "email_verified",
      "phone_number",
      "phone_number_verified",
      "address"
    ],
    "claim_types_supported": [
      "normal"
    ],
    "op_policy_uri": "https://llw.aclark.net/about",
    "token_endpoint_auth_methods_supported": [
      "client_secret_post",
      "client_secret_basic",
      "client_secret_jwt",
      "private_key_jwt",
      "none"
    ],
    "token_endpoint": "https://llw.aclark.net/token",
    "response_types_supported": [
      "code",
      "token"
    ],
```

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  "request_uri_parameter_supported": false,
  "userinfo_encryption_alg_values_supported": [
    "RSA-OAEP",
    "RSA-OAEP-256",
    "RSA1_5"
  ],
  "grant_types_supported": [
    "authorization_code",
    "implicit",
    "urn:ietf:params:oauth:grant-type:jwt-bearer",
    "client_credentials",
    "urn:ietf:params:oauth:grant_type:redelegate"
  ],
  "revocation_endpoint": "https://llw.aclark.net/revoke",
  "userinfo_endpoint": "https://llw.aclark.net/userinfo",
  "token_endpoint_auth_signing_alg_values_supported": [
    "HS256",
    "HS384",
    "HS512",
    "RS256",
    "RS384",
    "RS512",
    "ES256",
    "ES384",
    "ES512",
    "PS256",
    "PS384",
    "PS512"
  ],
  "op_tos_uri": "https://llw.aclark.net/about",
  "require_request_uri_registration": false,
  "code_challenge_methods_supported": [
    "plain",
    "S256"
  ],
  "id_token_encryption_alg_values_supported": [
    "RSA-OAEP",
    "RSA-OAEP-256",
    "RSA1_5"
  ],
  "jwks_uri": "https://llw.aclark.net/jwk",
  "subject_types_supported": [
    "public",
    "pairwise"
  ],
  "id_token_signing_alg_values_supported": [
    "HS256",
    "HS384",
    "HS512",
    "RS256",
    "RS384",
    "RS512",
    "ES256",
    "ES384",
    "ES512",
    "PS256",
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      "PS384",
      "PS512",
      "none"
    ],
    "registration_endpoint": "https://llw.aclark.net/register",
    "request_object_signing_alg_values_supported": [
      "HS256",
      "HS384",
      "HS512",
      "RS256",
      "RS384",
      "RS512",
      "ES256",
      "ES384",
      "ES512",
      "PS256",
      "PS384",
      "PS512"
    ],
    "request_object_encryption_alg_values_supported": [
      "RSA-OAEP",
      "RSA-OAEP-256",
      "RSA1_5"
    ]
}
```