OAuth 2.0 Authorization Server Metadata
draft-ietf-oauth-discovery-06

Abstract

This specification defines a metadata format that an OAuth 2.0 client can use to obtain the information needed to interact with an OAuth 2.0 authorization server, including its endpoint locations and authorization server capabilities.

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This Internet-Draft will expire on September 11, 2017.

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1. Introduction

This specification generalizes the metadata format defined by "OpenID Connect Discovery 1.0" [OpenID.Discovery] in a way that is compatible with OpenID Connect Discovery, while being applicable to a wider set of OAuth 2.0 use cases. This is intentionally parallel to the way that the "OAuth 2.0 Dynamic Client Registration Protocol" [RFC7591] specification generalized the dynamic client registration mechanisms defined by "OpenID Connect Dynamic Client Registration 1.0" [OpenID.Registration] in a way that was compatible with it.

The metadata for an authorization server is retrieved from a well-known location as a JSON [RFC7159] document, which declares its
endpoint locations and authorization server capabilities. This process is described in Section 3.

This metadata can either be communicated in a self-asserted fashion or as a set of signed metadata values represented as claims in a JSON Web Token (JWT) [JWT]. In the JWT case, the issuer is vouching for the validity of the data about the authorization server. This is analogous to the role that the Software Statement plays in OAuth Dynamic Client Registration [RFC7591].

The means by which the client obtains the location of the authorization server metadata document is out of scope. In some cases, the location may be manually configured into the client. In other cases, it may be dynamically discovered, for instance, through the use of WebFinger [RFC7033], as described in Section 2 of "OpenID Connect Discovery 1.0" [OpenID.Discovery].

1.1. Requirements Notation and Conventions

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "NOT RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in RFC 2119 [RFC2119].

All uses of JSON Web Signature (JWS) [JWS] and JSON Web Encryption (JWE) [JWE] data structures in this specification utilize the JWS Compact Serialization or the JWE Compact Serialization; the JWS JSON Serialization and the JWE JSON Serialization are not used.

1.2. Terminology


2. Authorization Server Metadata

Authorization servers can have metadata describing their configuration. The following authorization server metadata values are used by this specification and are registered in the IANA "OAuth Authorization Server Metadata" registry established in Section 7.1:
issuer
REQUIRED. The authorization server’s issuer identifier, which is a URL that uses the "https" scheme and has no query or fragment components. This is the location where "well-known" RFC 5785 [RFC5785] resources containing information about the authorization server are published. Using these well-known resources is described in Section 3. The issuer identifier is used to prevent authorization server mix-up attacks, as described in "OAuth 2.0 Mix-Up Mitigation" [I-D.ietf-oauth-mix-up-mitigation].

authorization_endpoint
REQUIRED. URL of the authorization server’s authorization endpoint [RFC6749].

token_endpoint
URL of the authorization server’s token endpoint [RFC6749]. This is REQUIRED unless only the implicit grant type is used.

jwks_uri
OPTIONAL. URL of the authorization server’s JWK Set [JWK] document. The referenced document contains the signing key(s) the client uses to validate signatures from the authorization server. This URL MUST use the "https" scheme. The JWK Set MAY also contain the server’s encryption key(s), which are used by clients to encrypt requests to the server. When both signing and encryption keys are made available, a "use" (public key use) parameter value is REQUIRED for all keys in the referenced JWK Set to indicate each key’s intended usage.

registration_endpoint
OPTIONAL. URL of the authorization server’s OAuth 2.0 Dynamic Client Registration endpoint [RFC7591].

scopes_supported
RECOMMENDED. JSON array containing a list of the OAuth 2.0 [RFC6749] "scope" values that this authorization server supports. Servers MAY choose not to advertise some supported scope values even when this parameter is used.

custom_common

response_types_supported
REQUIRED. JSON array containing a list of the OAuth 2.0 "response_type" values that this authorization server supports. The array values used are the same as those used with the "response_types" parameter defined by "OAuth 2.0 Dynamic Client Registration Protocol" [RFC7591].

response_modes_supported

OPTIONAL. JSON array containing a list of the OAuth 2.0 "response_mode" values that this authorization server supports, as specified in OAuth 2.0 Multiple Response Type Encoding Practices [OAuth.Responses]. If omitted, the default is "["query", "fragment"]". The response mode value "form_post" is also defined in OAuth 2.0 Form Post Response Mode [OAuth.Post].

grant_types_supported
OPTIONAL. JSON array containing a list of the OAuth 2.0 grant type values that this authorization server supports. The array values used are the same as those used with the "grant_types" parameter defined by "OAuth 2.0 Dynamic Client Registration Protocol" [RFC7591]. If omitted, the default value is "["authorization_code", "implicit"]".

token_endpoint_auth_methods_supported
OPTIONAL. JSON array containing a list of client authentication methods supported by this token endpoint. Client authentication method values are used in the "token_endpoint_auth_method" parameter defined in Section 2 of [RFC7591]. If omitted, the default is "client_secret_basic" -- the HTTP Basic Authentication Scheme specified in Section 2.3.1 of OAuth 2.0 [RFC6749].

token_endpoint_auth_signing_alg_values_supported
OPTIONAL. JSON array containing a list of the JWS signing algorithms ("alg" values) supported by the token endpoint for the signature on the JWT [JWT] used to authenticate the client at the token endpoint for the "private_key_jwt" and "client_secret_jwt" authentication methods. Servers SHOULD support "RS256". The value "none" MUST NOT be used.

service_documentation
OPTIONAL. URL of a page containing human-readable information that developers might want or need to know when using the authorization server. In particular, if the authorization server does not support Dynamic Client Registration, then information on how to register clients needs to be provided in this documentation.

ui_locales_supported
OPTIONAL. Languages and scripts supported for the user interface, represented as a JSON array of BCP47 [RFC5646] language tag values.

op_policy_uri
OPTIONAL. URL that the authorization server provides to the person registering the client to read about the authorization server’s requirements on how the client can use the data provided
by the authorization server. The registration process SHOULD display this URL to the person registering the client if it is given. As described in Section 5, despite the identifier "op_policy_uri", appearing to be OpenID-specific, its usage in this specification is actually referring to a general OAuth 2.0 feature that is not specific to OpenID Connect.

op_tos_uri
  OPTIONAL. URL that the authorization server provides to the person registering the client to read about the authorization server’s terms of service. The registration process SHOULD display this URL to the person registering the client if it is given. As described in Section 5, despite the identifier "op_tos_uri", appearing to be OpenID-specific, its usage in this specification is actually referring to a general OAuth 2.0 feature that is not specific to OpenID Connect.

revocation_endpoint
  OPTIONAL. URL of the authorization server’s OAuth 2.0 revocation endpoint [RFC7009].

revocation_endpoint_auth_methods_supported
  OPTIONAL. JSON array containing a list of client authentication methods supported by this revocation endpoint. The valid client authentication method values are those registered in the IANA "OAuth Token Endpoint Authentication Methods" registry [IANA.OAuth.Parameters].

revocation_endpoint_auth_signing_alg_values_supported
  OPTIONAL. JSON array containing a list of the JWS signing algorithms ("alg" values) supported by the revocation endpoint for the signature on the JWT [JWT] used to authenticate the client at the revocation endpoint for the "private_key_jwt" and "client_secret_jwt" authentication methods. The value "none" MUST NOT be used.

introspection_endpoint
  OPTIONAL. URL of the authorization server’s OAuth 2.0 introspection endpoint [RFC7662].

introspection_endpoint_auth_methods_supported
  OPTIONAL. JSON array containing a list of client authentication methods supported by this introspection endpoint. The valid client authentication method values are those registered in the IANA "OAuth Token Endpoint Authentication Methods" registry [IANA.OAuth.Parameters] or those registered in the IANA "OAuth Access Token Types" registry [IANA.OAuth.Parameters]. (These values are and will remain distinct, due to Section 7.2.)
introspection_endpoint_auth_signing_alg_values_supported

OPTIONAL. JSON array containing a list of the JWS signing algorithms ("alg" values) supported by the introspection endpoint for the signature on the JWT [JWT] used to authenticate the client at the introspection endpoint for the "private_key_jwt" and "client_secret_jwt" authentication methods. The value "none" MUST NOT be used.

code_challenge_methods_supported

OPTIONAL. JSON array containing a list of PKCE [RFC7636] code challenge methods supported by this authorization server. Code challenge method values are used in the "code_challenge_method" parameter defined in Section 4.3 of [RFC7636]. The valid code challenge method values are those registered in the IANA "PKCE Code Challenge Methods" registry [IANA.OAuth.Parameters].

Additional authorization server metadata parameters MAY also be used. Some are defined by other specifications, such as OpenID Connect Discovery 1.0 [OpenID.Discovery].

2.1. Signed Authorization Server Metadata

In addition to JSON elements, metadata values MAY also be provided as a "signed_metadata" value, which is a JSON Web Token (JWT) [JWT] that asserts metadata values about the authorization server as a bundle. A set of claims that can be used in signed metadata are defined in Section 2. The signed metadata MUST be digitally signed or MACed using JSON Web Signature (JWS) [JWS] and MUST contain an "iss" (issuer) claim denoting the party attesting to the claims in the signed metadata. Consumers of the metadata MAY ignore the signed metadata if they do not support this feature. If the consumer of the metadata supports signed metadata, metadata values conveyed in the signed metadata MUST take precedence over the corresponding values conveyed using plain JSON elements.

Signed metadata is included in the authorization server metadata JSON object using this OPTIONAL member:

signed_metadata

A JWT containing metadata values about the authorization server as claims. This is a string value consisting of the entire signed JWT. A "signed_metadata" metadata value SHOULD NOT appear as a claim in the JWT.
3. Obtaining Authorization Server Metadata

Authorization servers supporting metadata MUST make a JSON document containing metadata as specified in Section 2 available at a path formed by concatenating a well-known URI string such as "/.well-known/oauth-authorization-server" to the authorization server’s issuer identifier. The syntax and semantics of ".well-known" are defined in RFC 5785 [RFC5785]. The well-known URI path suffix used MUST be registered in the IANA "Well-Known URIs" registry [IANA.well-known].

Different applications utilizing OAuth authorization servers in application-specific ways may define and register different well-known URI path suffixes used to publish authorization server metadata as used by those applications. For instance, if the Example application uses an OAuth authorization server in an Example-specific way, and there are Example-specific metadata values that it needs to publish, then it might register and use the "example-configuration" URI path suffix and publish the metadata document at the path formed by concatenating "/.well-known/example-configuration" to the authorization server’s issuer identifier.

An OAuth 2.0 application using this specification MUST specify what well-known URI string it will use for this purpose. The same authorization server MAY choose to publish its metadata at multiple well-known locations relative to its issuer identifier, for example, publishing metadata at both "/.well-known/example-configuration" and "/.well-known/oauth-authorization-server".

Some OAuth applications will choose to use the well-known URI path suffix "openid-configuration" and publish the metadata document at the path formed by concatenating "/.well-known/openid-configuration" to the authorization server's issuer identifier. As described in Section 5, despite the identifier "/.well-known/openid-configuration", appearing to be OpenID-specific, its usage in this specification is actually referring to a general OAuth 2.0 feature that is not specific to OpenID Connect.

3.1. Authorization Server Metadata Request

An authorization server metadata document MUST be queried using an HTTP "GET" request at the previously specified path.

The client would make the following request when the issuer identifier is "https://example.com" and the well-known URI path suffix is "oauth-authorization-server" to obtain the metadata, since the issuer identifier contains no path component:
If the issuer identifier value contains a path component, any terminating "/" MUST be removed before appending "/.well-known/" and the well-known URI path suffix. The client would make the following request when the issuer identifier is "https://example.com/issuer1" and the well-known URI path suffix is "oauth-authorization-server" to obtain the metadata, since the issuer identifier contains a path component:

```
GET /issuer1/.well-known/oauth-authorization-server HTTP/1.1
Host: example.com
```

Using path components enables supporting multiple issuers per host. This is required in some multi-tenant hosting configurations. This use of ".well-known" is for supporting multiple issuers per host; unlike its use in RFC 5785 [RFC5785], it does not provide general information about the host.

### 3.2. Authorization Server Metadata Response

The response is a set of claims about the authorization server’s configuration, including all necessary endpoints and public key location information. A successful response MUST use the 200 OK HTTP status code and return a JSON object using the "application/json" content type that contains a set of claims as its members that are a subset of the metadata values defined in Section 2. Other claims MAY also be returned.

Claims that return multiple values are represented as JSON arrays. Claims with zero elements MUST be omitted from the response.

An error response uses the applicable HTTP status code value.
The following is a non-normative example response:

HTTP/1.1 200 OK
Content-Type: application/json

{
    "issuer": "https://server.example.com",
    "authorization_endpoint": "https://server.example.com/authorize",
    "token_endpoint": "https://server.example.com/token",
    "token_endpoint_auth_methods_supported": ["client_secret_basic", "private_key_jwt"],
    "token_endpoint_auth_signing_alg_values_supported": ["RS256", "ES256"],
    "userinfo_endpoint": "https://server.example.com/userinfo",
    "jwks_uri": "https://server.example.com/jwks.json",
    "registration_endpoint": "https://server.example.com/register",
    "scopes_supported": ["openid", "profile", "email", "address", "phone", "offline_access"],
    "response_types_supported": ["code", "code token"],
    "service_documentation": "http://server.example.com/service_documentation.html",
    "ui_locales_supported": ["en-US", "en-GB", "en-CA", "fr-FR", "fr-CA"]
}

3.3. Authorization Server Metadata Validation

The "issuer" value returned MUST be identical to the authorization server's issuer identifier value that was concatenated with the well-known URI path suffix to create the URL used to retrieve the metadata. If these values are not identical, the data contained in the response MUST NOT be used.

4. String Operations

Processing some OAuth 2.0 messages requires comparing values in the messages to known values. For example, the member names in the metadata response might be compared to specific member names such as "issuer". Comparing Unicode [UNICODE] strings, however, has significant security implications.
Therefore, comparisons between JSON strings and other Unicode strings MUST be performed as specified below:

1. Remove any JSON applied escaping to produce an array of Unicode code points.

2. Unicode Normalization [USA15] MUST NOT be applied at any point to either the JSON string or to the string it is to be compared against.

3. Comparisons between the two strings MUST be performed as a Unicode code point to code point equality comparison.

5. Compatibility Notes

The identifiers "/.well-known/openid-configuration", "op_policy_uri", and "op_tos_uri" contain strings referring to the OpenID Connect [OpenID.Core] family of specifications that were originally defined by "OpenID Connect Discovery 1.0" [OpenID.Discovery]. Despite the reuse of these identifiers that appear to be OpenID-specific, their usage in this specification is actually referring to general OAuth 2.0 features that are not specific to OpenID Connect.

6. Security Considerations

6.1. TLS Requirements

Implementations MUST support TLS. Which version(s) ought to be implemented will vary over time, and depend on the widespread deployment and known security vulnerabilities at the time of implementation. The authorization server MUST support TLS version 1.2 [RFC5246] and MAY support additional transport-layer security mechanisms meeting its security requirements. When using TLS, the client MUST perform a TLS/SSL server certificate check, per RFC 6125 [RFC6125]. Implementation security considerations can be found in Recommendations for Secure Use of TLS and DTLS [BCP195].

To protect against information disclosure and tampering, confidentiality protection MUST be applied using TLS with a ciphersuite that provides confidentiality and integrity protection.

6.2. Impersonation Attacks

TLS certificate checking MUST be performed by the client, as described in Section 6.1, when making an authorization server metadata request. Checking that the server certificate is valid for the issuer identifier URL prevents man-in-middle and DNS-based attacks. These attacks could cause a client to be tricked into using
an attacker’s keys and endpoints, which would enable impersonation of the legitimate authorization server. If an attacker can accomplish this, they can access the resources that the affected client has access to using the authorization server that they are impersonating.

An attacker may also attempt to impersonate an authorization server by publishing a metadata document that contains an "issuer" claim using the issuer identifier URL of the authorization server being impersonated, but with its own endpoints and signing keys. This would enable it to impersonate that authorization server, if accepted by the client. To prevent this, the client MUST ensure that the issuer identifier URL it is using as the prefix for the metadata request exactly matches the value of the "issuer" metadata value in the authorization server metadata document received by the client.

6.3. Publishing Metadata in a Standard Format

Publishing information about the authorization server in a standard format makes it easier for both legitimate clients and attackers to use the authorization server. Whether an authorization server publishes its metadata in an ad-hoc manner or in the standard format defined by this specification, the same defenses against attacks that might be mounted that use this information should be applied.

6.4. Protected Resources

Secure determination of appropriate protected resources to use with an authorization server for all use cases is out of scope of this specification. This specification assumes that the client has a means of determining appropriate protected resources to use with an authorization server and that the client is using the correct metadata for each authorization server. Implementers need to be aware that if an inappropriate protected resource is used by the client, that an attacker may be able to act as a man-in-the-middle proxy to a valid protected resource without it being detected by the authorization server or the client.

The ways to determine the appropriate protected resources to use with an authorization server are in general, application-dependent. For instance, some authorization servers are used with a fixed protected resource or set of protected resources, the locations of which may be well known, or which could be published as metadata values by the authorization server. In other cases, the set of resources that can be used with an authorization server can by dynamically changed by administrative actions. Many other means of determining appropriate associations between authorization servers and protected resources are also possible.
7. IANA Considerations

The following registration procedure is used for the registry established by this specification.

Values are registered on a Specification Required [RFC5226] basis after a two-week review period on the oauth-ext-review@ietf.org mailing list, on the advice of one or more Designated Experts. However, to allow for the allocation of values prior to publication, the Designated Experts may approve registration once they are satisfied that such a specification will be published.

Registration requests sent to the mailing list for review should use an appropriate subject (e.g., "Request to register OAuth Authorization Server Metadata: example").

Within the review period, the Designated Experts will either approve or deny the registration request, communicating this decision to the review list and IANA. Denials should include an explanation and, if applicable, suggestions as to how to make the request successful. Registration requests that are undetermined for a period longer than 21 days can be brought to the IESG’s attention (using the iesg@ietf.org mailing list) for resolution.

Criteria that should be applied by the Designated Experts includes determining whether the proposed registration duplicates existing functionality, determining whether it is likely to be of general applicability or whether it is useful only for a single application, and whether the registration makes sense.

IANA must only accept registry updates from the Designated Experts and should direct all requests for registration to the review mailing list.

It is suggested that multiple Designated Experts be appointed who are able to represent the perspectives of different applications using this specification, in order to enable broadly-informed review of registration decisions. In cases where a registration decision could be perceived as creating a conflict of interest for a particular Expert, that Expert should defer to the judgment of the other Experts.

7.1. OAuth Authorization Server Metadata Registry

This specification establishes the IANA "OAuth Authorization Server Metadata" registry for OAuth 2.0 authorization server metadata names. The registry records the authorization server metadata member and a reference to the specification that defines it.
7.1.1. Registration Template

Metadata Name:
The name requested (e.g., "issuer"). This name is case-sensitive. Names may not match other registered names in a case-insensitive manner unless the Designated Experts state that there is a compelling reason to allow an exception.

Metadata Description:
Brief description of the metadata (e.g., "Issuer identifier URL").

Change Controller:
For Standards Track RFCs, list the "IESG". For others, give the name of the responsible party. Other details (e.g., postal address, email address, home page URI) may also be included.

Specification Document(s):
Reference to the document or documents that specify the parameter, preferably including URIs that can be used to retrieve copies of the documents. An indication of the relevant sections may also be included but is not required.

7.1.2. Initial Registry Contents

- Metadata Name: "issuer"
  - Metadata Description: Authorization server’s issuer identifier URL
  - Change Controller: IESG
  - Specification Document(s): Section 2 of [[ this specification ]]

- Metadata Name: "authorization_endpoint"
  - Metadata Description: URL of the authorization server’s authorization endpoint
  - Change Controller: IESG
  - Specification Document(s): Section 2 of [[ this specification ]]

- Metadata Name: "token_endpoint"
  - Metadata Description: URL of the authorization server’s token endpoint
  - Change Controller: IESG
  - Specification Document(s): Section 2 of [[ this specification ]]

- Metadata Name: "jwks_uri"
  - Metadata Description: URL of the authorization server’s JWK Set document
  - Change Controller: IESG
  - Specification Document(s): Section 2 of [[ this specification ]]

- Metadata Name: "registration_endpoint"
- Metadata Description: URL of the authorization server's OAuth 2.0 Dynamic Client Registration Endpoint
  - Change Controller: IESG
  - Specification Document(s): Section 2 of [[ this specification ]]

- Metadata Name: "scopes_supported"
  - Metadata Description: JSON array containing a list of the OAuth 2.0 "scope" values that this authorization server supports
  - Change Controller: IESG
  - Specification Document(s): Section 2 of [[ this specification ]]

- Metadata Name: "response_types_supported"
  - Metadata Description: JSON array containing a list of the OAuth 2.0 "response_type" values that this authorization server supports
  - Change Controller: IESG
  - Specification Document(s): Section 2 of [[ this specification ]]

- Metadata Name: "response_modes_supported"
  - Metadata Description: JSON array containing a list of the OAuth 2.0 "response_mode" values that this authorization server supports
  - Change Controller: IESG
  - Specification Document(s): Section 2 of [[ this specification ]]

- Metadata Name: "grant_types_supported"
  - Metadata Description: JSON array containing a list of the OAuth 2.0 grant type values that this authorization server supports
  - Change Controller: IESG
  - Specification Document(s): Section 2 of [[ this specification ]]

- Metadata Name: "token_endpoint_auth_methods_supported"
  - Metadata Description: JSON array containing a list of client authentication methods supported by this token endpoint
  - Change Controller: IESG
  - Specification Document(s): Section 2 of [[ this specification ]]

- Metadata Name: "token_endpoint_auth_signing_alg_values_supported"
  - Metadata Description: JSON array containing a list of the JWS signing algorithms supported by the token endpoint for the signature on the JWT used to authenticate the client at the token endpoint
  - Change Controller: IESG
  - Specification Document(s): Section 2 of [[ this specification ]]

- Metadata Name: "service_documentation"
  - Metadata Description: URL of a page containing human-readable information that developers might want or need to know when using the authorization server
  - Change Controller: IESG
o Specification Document(s): Section 2 of [[ this specification ]]

o Metadata Name: "ui_locales_supported"
  o Metadata Description: Languages and scripts supported for the user interface, represented as a JSON array of BCP47 language tag values
  o Change Controller: IESG
  o Specification Document(s): Section 2 of [[ this specification ]]

o Metadata Name: "op_policy_uri"
  o Metadata Description: URL that the authorization server provides to the person registering the client to read about the authorization server’s requirements on how the client can use the data provided by the authorization server
  o Change Controller: IESG
  o Specification Document(s): Section 2 of [[ this specification ]]

o Metadata Name: "op_tos_uri"
  o Metadata Description: URL that the authorization server provides to the person registering the client to read about the authorization server’s terms of service
  o Change Controller: IESG
  o Specification Document(s): Section 2 of [[ this specification ]]

o Metadata Name: "revocation_endpoint"
  o Metadata Description: URL of the authorization server’s OAuth 2.0 revocation endpoint
  o Change Controller: IESG
  o Specification Document(s): Section 2 of [[ this specification ]]

o Metadata Name: "revocation_endpoint_auth_methods_supported"
  o Metadata Description: JSON array containing a list of client authentication methods supported by this revocation endpoint
  o Change Controller: IESG
  o Specification Document(s): Section 2 of [[ this specification ]]

o Metadata Name: "revocation_endpoint_auth_signing_alg_values_supported"
  o Metadata Description: JSON array containing a list of the JWS signing algorithms supported by the revocation endpoint for the signature on the JWT used to authenticate the client at the revocation endpoint
  o Change Controller: IESG
  o Specification Document(s): Section 2 of [[ this specification ]]

o Metadata Name: "introspection_endpoint"
  o Metadata Description: URL of the authorization server’s OAuth 2.0 introspection endpoint
7.2. Updated Registration Instructions

This specification adds to the instructions for the Designated Experts of the following IANA registries, both of which are in the "OAuth Parameters" registry [IANA.OAuth.Parameters]:

- OAuth Access Token Types
- OAuth Token Endpoint Authentication Methods

IANA has added a link to this specification in the Reference sections of these registries. (RFC Editor: The above sentence is written in the past tense as it would appear in the final specification, even though these links won’t actually be created until after the IESG has requested publication of the specification. Please delete this note after the links are in place.)

For these registries, the designated experts must reject registration requests in one registry for values already occurring in the other registry. This is necessary because the "introspection_endpoint_auth_methods_supported" parameter allows for the use of values from either registry. That way, because the values in the two registries will continue to be mutually exclusive, no ambiguities will arise.
7.3. Well-Known URI Registry

This specification registers the well-known URI defined in Section 3 in the IANA "Well-Known URIs" registry [IANA.well-known] established by RFC 5785 [RFC5785].

7.3.1. Registry Contents

- URI suffix: "oauth-authorization-server"
- Change controller: IESG
- Specification document: Section 3 of [[ this specification ]]
- Related information: (none)

8. References

8.1. Normative References


[OAuth.Responses]


8.2. Informative References


Appendix A. Acknowledgements

This specification is based on the OpenID Connect Discovery 1.0 specification, which was produced by the OpenID Connect working group of the OpenID Foundation.

The authors would like to thank the following people for their reviews of this specification: Brian Campbell, William Denniss, Vladimir Dzhuvinov, Samuel Erdtman, George Fletcher, Phil Hunt, Tony Nadalin, Justin Richer, Hannes Tschofenig, and Hans Zandbelt.

Appendix B. Document History

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