

4.2.2. Access Token Response

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Content-Type: application/x-www-form-urlencoded; charset=UTF-8

- access_token
- token_type
- expires_in
- scope
- state

HTTP/1.1 302 Found

```
HTTP/1.1 302 Found
Location: http://example.com/cb#access_token=2YotnFZFEjr1zCsicMWpAA&state=xyz&token_type=example&expires_in=3600
```

HTTP "Location" HTTP 3xx

HTTP

4.2.2. Access Token Response

If the resource owner grants the access request, the authorization server issues an access token and delivers it to the client by adding the following parameters to the fragment

component of the redirection

URI using the "application/x-www-form-urlencoded" format, per

Appendix B:

access_token

REQUIRED. The access token issued by the authorization server.

token_type

REQUIRED. The type of the token issued as described in Section 7.1. Value is case insensitive.

expires_in

RECOMMENDED. The lifetime in seconds of the access token. For example, the value "3600" denotes that the access token will expire in one hour from the time the response was generated.

If omitted, the authorization server SHOULD provide the expiration time via other means or document the default value.

scope

OPTIONAL, if identical to the scope requested by the client; otherwise, REQUIRED. The scope of the access token as described by Section 3.3.

state

REQUIRED if the "state" parameter was present in the client authorization request. The exact value received from the client.

The authorization server MUST NOT issue a refresh token.

For example, the authorization server redirects the user-agent by sending the following HTTP response (with extra line breaks for display purposes only):

HTTP/1.1 302 Found Location:

http://example.com/cb#access_token=2YotnFZFEjr1zCsicMWpAA
&state=xyz&token_type=example&expires_in=3600

Developers should note that some user-agents do not support the inclusion of a fragment component in the HTTP "Location" response header field. Such clients will require using other methods for

redirecting the client than a 3xx redirection response -- for example, returning an HTML page that includes a 'continue' button

with an action linked to the redirection URI.

RFC 6749

OAuth 2.0

October 2012

The client **MUST** ignore unrecognized response parameters. The access token string size is left undefined by this specification. The client should avoid making assumptions about value sizes. The authorization server **SHOULD** document the size of any value it issues.

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