twitch.json

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Authentication | Twitch Developers Asset 20 Products Showcase Support Blog Docs Tutorials Log in with Twitch Contents Overview Twitch API EventSub Chat & Chatbots Authentication Overview User access tokens App access tokens Authentication flows Passing the access token to the API Tokens don’t last forever Validating tokens for 3rd-party apps Next steps Register Your App Getting OAuth Tokens Get OAuth Tokens Using OIDC Refreshing Access Tokens Validating Tokens

Revoking Access Tokens Scopes Organizations Drops Embedding Twitch Extensions Insights & Analytics Mobile Deep Links PubSub Video Broadcast Twitch CLI Changelog Product Lifecycle Authentication Twitch APIs use OAuth 2.0 access tokens to access resources.

If you’re not already familiar with the specification, reading it may help you better understand how to get access tokens to use with the Twitch API.

The Twitch APIs use two types of access tokens: user access tokens and app access tokens .

The reference content for each API identifies the type of access token you must use to access its resource.

Some APIs require a user access token, others require a user access token or an app access token, and a few like the EventSub APIs require app access tokens.

IMPORTANT Treat access tokens, refresh tokens, and client secrets like a password and safeguard them.

User access tokens APIs that require the user’s permission to access resources use user access tokens.

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But if your app also calls APIs that require a user access token, you should just get a user access token because in most cases you can use the user access token to call APIs that accept app access tokens.

The exception is if you call the EventSub APIs (for example, Create EventSub Subscription ).

If you call the EventSub APIs and use webhooks, you must also get an app access token because the calls fail if you try to use a user access token.

To get an app access token, use the client credentials grant flow.

For details, see Getting an app access token using the client credentials grant flow .

Authentication flows The following table summarizes the flows you can use and the type of access token it returns.

Procedure User Access Token ID Token App Access

Token OIDC Implicit Code Flow ✔ ✔ OAuth Implicit Code Flow ✔

OIDC Authorization Code Flow ✔ ✔ OAuth Authorization Code Grant Flow ✔ OAuth Client Credentials Flow

✔ NOTE An ID token or identity token encodes the user’s identity in a JSON Web Token (JWT).

It’s used in OpenID Connect client apps to sign in users.

You cannot use the ID token in place of a user or app access token when calling the Twitch API.

Read more about ID tokens .

Passing the access token to the API After getting an access token using one of the above authentication flows, use it to set an API request’s Authorization header.

Authorization: Bearer <access token goes here>

For an API request that shows using the header, see Get channel information .

Tokens don’t last forever Access and refresh tokens can become invalid for the following reasons: The token expires.

The user changes their password.

Twitch revokes the token.

The user disconnects your app by going to their account’s /settings/connections page and clicking Disconnect next to your app’s name.