To generate an access token with **read-only scope** using **Auth0**, follow these steps:

### 🔧 **Step-by-Step: Generate Access Token with Read-Only Scope**

#### 1. **Set Up Your API in Auth0**

* Go to the **Auth0 Dashboard**.
* Navigate to **Applications > APIs**.
* Create or select your API.
* Define the **read-only scope**, e.g., read:data.

#### 2. **Use the Client Credentials Flow**

This flow is ideal for machine-to-machine communication.

#### 3. **Make a POST Request to Get the Token**

Here’s an example using curl:

curl --request POST \

--url 'https://YOUR\_DOMAIN/oauth/token' \

--header 'content-type: application/x-www-form-urlencoded' \

--data 'grant\_type=client\_credentials' \

--data 'client\_id=YOUR\_CLIENT\_ID' \

--data 'client\_secret=YOUR\_CLIENT\_SECRET' \

--data 'audience=YOUR\_API\_IDENTIFIER' \

--data 'scope=read:data'

Replace:

* YOUR\_DOMAIN with your Auth0 domain (e.g., your-tenant.auth0.com)
* YOUR\_CLIENT\_ID and YOUR\_CLIENT\_SECRET with your app credentials
* YOUR\_API\_IDENTIFIER with the identifier of your API
* read:data with your actual read-only scope

#### 4. **Response Example**

You’ll get a JSON response like:

{

"access\_token": "eyJz93a...k4laUWw",

"token\_type": "Bearer",

"expires\_in": 86400

}

Would you like help writing this in a specific programming language (like Python or JavaScript)? Or are you using a tool like Postman to test this?

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