

# Request New Access Token

## Endpoint

**URL:** /:projectId/auth/request-new-access-token

**Method:** POST

**Authentication Required:** No

## Description

Request a new access token using a valid refresh token. The refresh token can be sent in the request body or as an HttpOnly cookie.

## Request

### Headers

Header	Type	Required	Description
Cookie	string	No	Can include replyke-refresh-jwt cookie

### Body Parameters

Field	Type	Required	Description
refreshToken	string	No	JWT refresh token (optional if cookie is present)

## Example Request

```
{  
  "refreshToken": "<REFRESH_TOKEN>"  
}
```

# Response

## Success Response (200 OK)

```
{  
  "success": true,  
  "accessToken": "<NEW_ACCESS_TOKEN>",  
  "user": {  
    "id": "user_123",  
    "username": "janedoe",  
    "email": "jane@example.com",  
    "name": "Jane Doe",  
    "avatar": "https://example.com/avatar.jpg",  
    "bio": "Tech enthusiast",  
    "location": {  
      "type": "Point",  
      "coordinates": [-73.935242, 40.73061]  
    },  
    "birthdate": "1995-01-01T00:00:00.000Z",  
    "metadata": { "office": "boston" },  
    "suspensions": [],  
    "reputation": 0,  
    "createdAt": "2024-01-01T00:00:00.000Z",  
    "updatedAt": "2024-01-01T00:00:00.000Z"  
  }  
}
```

## No Refresh Token Provided (200 OK)

```
{  
  "accessToken": null,  
  "user": null  
}
```

# Error Responses

## Invalid Refresh Token Structure (403 Forbidden)

```
{  
  "error": "Invalid refresh token.",  
  "code": "auth/invalid-refresh-token"  
}
```

## Token Not Recognized (403 Forbidden)

```
{  
  "error": "Refresh token not recognized.",  
  "code": "auth/refresh-token-mismatch"  
}
```

## User Not Found (403 Forbidden)

```
{  
  "error": "User not found.",  
  "code": "auth/no-user-found"  
}
```

## Invalid or Expired Token (403 Forbidden)

```
{  
  "error": "Invalid or expired refresh token.",  
  "code": "auth/refresh-token-invalid",  
  "details": "<Error message>"  
}
```

## Notes

- The `replyke-refresh-jwt` cookie takes precedence if both are provided.
- Returns null tokens and user object if no token is supplied.

