MediaMath OAuth2 POC - User Guide

What This POC Does

This Proof of Concept demonstrates MediaMath's OAuth2 authentication flow. It shows you exactly how the authentication process works, what data is exchanged, and what API calls look like - all in an easy-to-use web interface.

Getting Started

Step 1: Open the POC

1. Save the provided HTML file as `mediamath-oauth-poc.html` on your computer
2. Double-click the file to open it in your web browser
3. You should see "Debug: JavaScript loaded and ready" at the top

Step 2: Verify It's Working

1. Click the **"Test Button Click"** button
2. You should see a popup saying "JavaScript is working!"
3. If this works, you're ready to proceed

Using the POC

Option A: Demo Mode (Recommended First)

Perfect for understanding how OAuth2 works without needing real MediaMath credentials:

1. **Click "Start OAuth Flow"**
   - You'll see an authorization URL generated at the bottom of the page
   - Two buttons will appear
2. **Click "Continue with Simulation"**
   - This enables demo mode
3. **Click "Simulate Callback"**
   - This simulates MediaMath sending back an authorization code
   - Check the bottom of the page to see the callback data
4. **Click "Exchange for Token"**
   - This shows how the code gets exchanged for an access token
   - Look at the bottom to see both the request and response details
5. **Click "Test API Call"**
   - This demonstrates making an authenticated API request

- The API request and sample response will appear at the bottom

Option B: Real Testing (If You Have MediaMath Credentials)

For actual testing with your MediaMath account:

1. **Enter Your Credentials**:
   - Replace "YOUR_CLIENT_ID_HERE" with your actual MediaMath Client ID
   - Replace "YOUR_CLIENT_SECRET_HERE" with your actual Client Secret
   - Update the Redirect URI if needed
2. **Click "Start OAuth Flow"**
3. **Click "Open MediaMath Login (Real)"**
   - This opens MediaMath's actual login page in a new tab
   - Log in with your MediaMath credentials
   - MediaMath will redirect you to your callback URL
4. **Continue with the remaining steps** as in demo mode

What You'll See

After each step, **scroll down to the bottom of the page** to see the detailed results:

Authorization URL

The POC shows you the exact URL that would redirect users to MediaMath for login, including all required parameters.

Token Exchange Request

You'll see the exact HTTP request that exchanges the authorization code for an access token, including all headers and data.

API Call Example

The POC demonstrates how to make authenticated requests to MediaMath's API using the access token.

Additional Requirements

You'll also see information about MediaMath's session cookie requirement for some legacy APIs.

Important: The example requests and responses appear in boxes at the bottom of the page after you click each button.

Understanding the Results

Each step shows you:

- **What request is being made** (URL, headers, data)
- **What response comes back** (tokens, API data)
- **How to use the information** in your own application

The POC displays all data in easy-to-read format so you can see exactly what happens during each step of the OAuth2 process.

Troubleshooting

If buttons don't work:

- Make sure JavaScript is enabled in your browser
- Try a different browser (Chrome, Firefox, Safari, Edge)
- Check that you saved the file with a `.html` extension

If you see error messages:

- The POC is designed to work offline and simulate responses
- Most errors indicate a browser compatibility issue

If you want to test with real credentials:

- You'll need a Client ID and Client Secret from MediaMath
- Contact MediaMath Support to get these credentials
- Make sure your redirect URI is approved by MediaMath

What This Shows You

By the end of running through this POC, you'll understand:

- How OAuth2 authorization URLs are constructed
- What data gets exchanged during authentication
- How to make API calls with access tokens
- What MediaMath-specific requirements exist
- The complete flow from user login to API access

This knowledge will help you implement OAuth2 authentication in your own application or evaluate MediaMath's API integration requirements.