





# Whop OAuth Callback Diagnostic & Fix Guide

## Issue Summary

You're experiencing an `OAuthCallback` error when logging in with Whop:

-  OAuth flow reaches Whop successfully
-  User approves the authorization
-  Callback processing fails when Whop redirects back to the app
-  User is redirected to: `https://catchbarrels.app/auth/login?callback-Url=...&error=OAuthCallback`

## What We've Verified

### 1. Environment Variables (All Correct)

```
NEXTAUTH_URL=https://catchbarrels.app
WHOP_CLIENT_ID=<present>
WHOP_CLIENT_SECRET=<present>
NEXTAUTH_SECRET=<present>
```

### 2. Redirect URL Configuration

The app is configured to use:

```
https://catchbarrels.app/api/auth/callback/whop
```

#### **CRITICAL: Verify in Whop Developer Dashboard**



You MUST ensure this EXACT URL is registered in your Whop Developer Dashboard:

1. Go to: **Whop Developer Dashboard** → **Apps** → **CatchBarrels**
2. Navigate to: **OAuth Settings**
3. Check "Redirect URLs" section
4. **Required URL:** `https://catchbarrels.app/api/auth/callback/whop`
5. **Remove** any other URLs (like `/auth/login` or `/auth/callback`)



## Enhanced Debugging Added

I've deployed comprehensive logging that will now capture:



## Token Exchange Logs

```
[Whop OAuth] ===== TOKEN EXCHANGE START =====
[Whop OAuth] Callback URL: https://catchbarrels.app/api/auth/callback/whop
[Whop OAuth] Code present: true/false
[Whop OAuth] Client ID: Present/MISSING
[Whop OAuth] Client Secret: Present/MISSING
[Whop OAuth] Request body params: grant_type, code, redirect_uri, client_id, client_secret
[Whop OAuth] Token response status: 200/400/401/403
[Whop OAuth]  Token exchange SUCCESS or  FAILED
```

## User Info Fetch Logs

```
[Whop OAuth] ===== USERINFO FETCH START =====
[Whop OAuth] Access token: Present (length: X)
[Whop OAuth] Userinfo response status: 200/401/403
[Whop OAuth] Profile keys: id, email, name, username
[Whop OAuth]  Userinfo fetch SUCCESS or  FAILED
```

## Profile Mapping Logs

```
[Whop OAuth] ===== PROFILE MAPPING START =====
[Whop OAuth] Raw profile data: { id, email, name... }
[Whop OAuth]  Profile mapped successfully or  CRITICAL: Missing required field
```

## Next Steps - Testing & Diagnosis

### Step 1: Try Login Again

1. **Clear browser cache and cookies** for `catchbarrels.app`
2. Open an **incognito/private window**
3. Go to: `https://catchbarrels.app/auth/login`
4. Click “Log in with Whop”
5. Approve the authorization

### Step 2: Check Where It Fails

#### Option A: Success

- You’re redirected to `/dashboard`
- Problem solved!

#### Option B: Error Page

- You see the `/auth/error` page with detailed error message
- Take a screenshot and share it with me

#### Option C: Back to Login

- You’re redirected back to `/auth/login?error=OAuthCallback`
- This means we need server logs (see Step 3)





### Step 3: Get Server Logs (CRITICAL)

If you still get redirected to login with `error=OAuthCallback`:

The enhanced logging will now show EXACTLY where the failure occurs. I need you to:

1. **Access your deployment platform's logs** (Vercel/Railway/etc.)
2. **Look for logs starting with** `[Whop OAuth]`
3. **Share the complete log output** from one login attempt

The logs will tell us:

-  Did token exchange succeed?
-  Did userinfo fetch succeed?
-  Did profile mapping succeed?
-  Where exactly did it fail?

## Most Common Causes

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### 1. Redirect URL Mismatch (90% of cases)

**Problem:** Whop Developer Dashboard has wrong or multiple redirect URLs

**Fix:**

- Ensure ONLY this URL is registered: `https://catchbarrels.app/api/auth/callback/whop`
- Remove any other URLs
- No trailing slashes
- No `http://` (must be `https://`)

### 2. Invalid Client Credentials (5% of cases)

**Problem:** `WHOP_CLIENT_ID` or `WHOP_CLIENT_SECRET` is incorrect

**Fix:**

- Go to Whop Developer Dashboard
- Verify Client ID matches `.env` file
- Verify Client Secret matches `.env` file
- If you generated a new secret, update `.env` and redeploy

### 3. Whop API Response Format Changed (3% of cases)

**Problem:** Whop's API returns data in an unexpected format


**Fix:**

- Server logs will show this clearly
- Will need to adjust profile mapping

### 4. Missing Required Profile Field (2% of cases)

**Problem:** Whop user profile is missing `id`, `email`, or other required field

**Fix:**

- Logs will show:  CRITICAL: Profile missing required "id" field
- Need to adjust profile mapping logic



## Verification Checklist

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### Whop Developer Dashboard

- ☐ App "CatchBarrels" exists
- ☐ OAuth is enabled

- [ ] Redirect URL: `https://catchbarrels.app/api/auth/callback/whop` (EXACT)
- [ ] No other redirect URLs are registered
- [ ] Client ID matches `.env`
- [ ] Client Secret matches `.env`

## Environment Variables

- [ ] `NEXTAUTH_URL=https://catchbarrels.app`
- [ ] `WHOP_CLIENT_ID=<your_id>`
- [ ] `WHOP_CLIENT_SECRET=<your_secret>`
- [ ] `NEXTAUTH_SECRET=<your_secret>`
- [ ] All values are correct and match Whop Dashboard

## Deployment

- [ ] Latest code is deployed to `catchbarrels.app`
- [ ] Environment variables are set in deployment platform
- [ ] No old/cached builds are serving



## Expected Success Flow

When working correctly, you should see these logs:

```
[Whop OAuth] ===== TOKEN EXCHANGE START =====
[Whop OAuth] Code present: true
[Whop OAuth] ✅ Token exchange SUCCESS
[Whop OAuth] ===== TOKEN EXCHANGE END =====

[Whop OAuth] ===== USERINFO FETCH START =====
[Whop OAuth] Access token: Present
[Whop OAuth] ✅ Userinfo fetch SUCCESS
[Whop OAuth] ===== USERINFO FETCH END =====

[Whop OAuth] ===== PROFILE MAPPING START =====
[Whop OAuth] ✅ Profile mapped successfully
[Whop OAuth] ===== PROFILE MAPPING END =====

[NextAuth JWT Callback] Called with: { hasUser: true, hasAccount: true, accountProvider: 'whop' }
```



## What to Send Me

If the issue persists after verifying the redirect URL:

### 1. Screenshot of Whop OAuth Settings

- Show the Redirect URLs section
- Show the Client ID (can blur part of it)

### 2. Server Logs

- Complete logs from one login attempt
- All lines starting with `[Whop OAuth]`
- All lines starting with `[NextAuth]`

### 3. Browser DevTools Network Tab

- Screenshot showing the redirect chain
- Look for requests to `/api/auth/callback/whop`

### 4. Confirm

- "I verified the redirect URL is EXACTLY: `https://catchbarrels.app/api/auth/callback/whop` "
- "I removed all other redirect URLs from Whop Dashboard"

## Summary

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**Status:** Enhanced debugging deployed 

**Next Action:** Test login flow and share results

**Most Likely Fix:** Ensure redirect URL in Whop Dashboard is EXACTLY:

```
https://catchbarrels.app/api/auth/callback/whop
```

The comprehensive logging will now pinpoint the exact failure point, making it easy to fix!