# Cloudflare + Wrify

AI Access Discovery — wr.fi/u & Content Negotiation

## What Works

- **wr.fi/u** — fully accessible to AI fetchers (no 403)
- **wr.fi/api/p** — write API works fine
- **wr.fi/api/artifacts/*** — artifact fetch works fine

## What Doesn't Work

- **wr.fi/n8sn** (and all creation pages) — 403 from Cloudflare

**Root cause:**
Anthropic's web_fetch proxy performs TLS inspection, issuing its own certificate (issuer: *Anthropic sandbox-egress-production TLS Inspection CA*). Cloudflare detects the non-browser TLS fingerprint at the connection level — before WAF rules or Workers can intercept it.

## Things Tried

**Disabled Bot Fight Mode**
Result: No effect — block happens at a deeper layer

**WAF custom rule: skip all rules for non-POST**
Result: No effect — WAF runs after TLS fingerprint check

**Cloudflare Worker to rewrite headers**
Result: Worker runs after TLS check — too late

**Disabled Cloudflare proxy (grey cloud)**
Result: Origin TLS cert breaks Anthropic proxy verification

**Security Level: Essentially Off**
Result: UI removed — option no longer available

## The Fix: Content Negotiation

Same canonical short URL serves both humans and AI models via HTTP content negotiation:

```
GET https://wr.fi/n8sn
Accept: text/html          → renders the page (browser)
Accept: application/json    → returns structured JSON (AI)
```

**JSON response shape:**

```
{
  "id": "Wxr9No37x39j4b4-hH9Jq",
  "title": "Docker Build Fix: Next.js 16 + Turbopack + better-sqlite3",
  "type": "text",
  "artifacts": [{
    "filename": "docker-fix-summary.md",
```

```
      "mimeType": "text/markdown",
      "url": "https://wr.fi/api/artifacts/ab30dd..."
    }]
  }
```

**Next.js implementation:**

```
// app/p/[shortId]/route.ts
export async function GET(request, { params }) {
  const accept = request.headers.get('accept') ?? '';
  if (accept.includes('application/json')) {
    const creation = await getCreation(params.shortId);
    return NextResponse.json(creation);
  }
  // fall through to page render
}
```

## Why This Fits Wrify's Philosophy

- Short URL stays canonical — **wr.fi/n8sn** works for everyone

- No separate /api/r/ path to document or maintain

- The existing **text/wrify-instructions** script tag already signals AI-readability

- Content negotiation is the natural HTTP-native extension of that pattern

- JSON responses likely bypass Cloudflare bot detection (API-shaped traffic)

- wr.fi/api/p (writes) can still be rate-limited independently

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