

# AI Content Generation Fix - November 22, 2025

## Problem Summary

The Dropbox auto-posting series was posting the **raw prompt instructions** instead of **AI-generated content**. Users were seeing posts like:

```
"- Analyze the rhyme text featured in the image to fully understand its motivational message.
- Craft a concise social media caption inspired by the rhyme that encourages followers to seize the day..."  
#automated
```

Instead of the desired AI-generated content like:

```
"Rise up, stay true, and chase your goals—because every morning is a new chance to break through!
Let today be the day you own your path with confidence and heart. 💪🌟
#MorningMotivation #StayTrue #BreakThrough #BasketballMindset"
```

## Root Cause

The `lib/cloud-storage-series-processor.ts` file was using **incorrect Abacus AI API URLs**:

**✗ WRONG URLs (don't exist):**

```
https://apis.abacus.ai/v1/chat/complete
```

**✓ CORRECT URLs:**

```
https://apps.abacus.ai/v1/chat/completions
```

## What Happened:

1. The processor tried to call the AI API with the wrong URL
2. The fetch requests failed with DNS errors (ENOTFOUND)
3. The error was caught by the try-catch block
4. The fallback logic returned the raw prompt with `#automated` appended
5. This raw prompt was posted to all social media platforms

## Fix Applied

Changed both AI API calls in `lib/cloud-storage-series-processor.ts` :

## 1. Image Analysis Function (analyzeMediaContent)

**Line 29:** Changed URL from `apis.abacus.ai` → `apps.abacus.ai`

## 2. Content Generation Function (generatePostContent)

**Line 93:** Changed URL from `apis.abacus.ai` → `apps.abacus.ai`

## Verification

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After the fix, ran a test post which successfully:

### ✓ Image Analysis:

Analyzing media with AI vision...  
 AI Vision Analysis: The image shows a motivational quote...

### ✓ Content Generation:

Generated content: Rise up, stay true, and chase your goals...

### ✓ Multi-Platform Posting:

All platforms successfully received AI-generated content:

- Instagram: `published`
- Facebook: `published`
- LinkedIn: `published`
- Threads: `published`
- TikTok: `published`
- Bluesky: `published`
- Twitter: `posted` (via separate Twitter API)

## Threads Issue (RESOLVED)

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The first test post (with the broken prompt) **failed on Threads** with error:

"Param text must be at most 500 characters long."

This was because the raw prompt was too long. The **new posts with AI-generated content** successfully post to Threads because the AI respects the 500-character limit.

## Test Results

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**Post ID:** `69216c1d583656dea6132aa3`

**Content:** AI-generated motivational caption with hashtags

**Platforms:** 7 platforms, all successful

**Status:**  VERIFIED WORKING

## Comparison: Before vs After

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### BEFORE (Broken):

```
Content: "-- Analyze the rhyme text featured in the image to fully understand its motivational message..."  
Source: Raw prompt fallback  
Reason: API call failed (wrong URL)  
Result: Posted prompt to all platforms
```

### AFTER (Fixed):

```
Content: "Rise up, stay true, and chase your goals—because every morning is a new chance to break through!..."  
Source: AI-generated via Abacus AI API  
Reason: Correct API URL  
Result: Posted AI content to all platforms
```

## Files Modified

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1. /home/ubuntu/late\_content\_poster/nextjs\_space/lib/cloud-storage-series-processor.ts
  - Fixed `analyzeMediaContent()` API URL (line 29)
  - Fixed `generatePostContent()` API URL (line 93)

## Checkpoint Saved

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### “Fixed AI content generation URL”

The app has been successfully built, tested, and saved.

## Future Prevention

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All other files in the codebase already use the correct URL:

- /app/api/analyze-images/route.ts ✓
- /app/api/generate-content/route.ts ✓
- /app/api/polish-prompt/route.ts ✓

Only the cloud storage processor had the typo.

## Summary

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- AI content generation is now working correctly**
- All platforms posting successfully (including Threads)**
- Posts contain AI-generated captions, not raw prompts**
- Character limits respected (Threads 500-char limit)**
- Checkpoint saved with all fixes**