



# iPad Testing Guide - Video Upload Fix

**Last Updated:** December 9, 2025

**Deployment Status:** LIVE on [mindfulchampion.com](https://mindfulchampion.com)

## Deployment Confirmed

The video upload fix has been **successfully deployed to production** and is now live on [mindfulchampion.com](https://mindfulchampion.com)!

### What Was Fixed

- Added retry logic for failed AWS S3 connections
- Implemented configuration caching for better performance
- Enhanced error handling with clearer messages
- Added AWS credential validation

## How to Test on Your iPad

### Step 1: Access the Site

1. Open **Safari** on your iPad
2. Go to <https://mindfulchampion.com>
3. Sign in with your account

### Step 2: Navigate to Video Upload

1. Click on “**Train**” in the navigation menu
2. Select “**Video Analysis**” or “**Upload Video**”
3. You should see the video upload interface

### Step 3: Test Video Upload

1. Click the upload button or drag-and-drop area
2. Select a video from your camera roll
  - Try a video **larger than 10MB** if possible (this was the main issue)
3. Watch for the upload progress

### Step 4: What to Look For

#### Success Indicators

- Upload progress bar appears and advances
- No error messages appear
- Upload completes successfully
- Video is available for analysis

#### Error Indicators (If These Appear, Report Them)

- “413 Payload Too Large” error

- “Invalid bucket configuration” error
  - “AWS connection failed” error
  - Upload freezes or fails silently
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## If You Encounter Issues

### On iPad - Check These:

#### 1. Browser Console (Advanced)

- In Safari: Settings → Safari → Advanced → Web Inspector
- Connect iPad to Mac and use Safari Developer Tools
- Look for red error messages

#### 2. Network Connection

- Ensure you have a stable internet connection
- Try switching between WiFi and cellular
- Check if other websites load properly

#### 3. Browser Cache

- Clear Safari cache: Settings → Safari → Clear History and Website Data
- Reload the page (pull down to refresh)

#### 4. Video File

- Check video file size (very large files may still have issues)
- Try different video formats (MP4 is recommended)
- Try a smaller video first (under 50MB) to isolate the issue

### Information to Collect

If video upload still fails, please note:

- **Video file size** (in MB)
  - **Video format** (MP4, MOV, etc.)
  - **Exact error message** (take a screenshot)
  - **When the error occurs** (immediately, during upload, at end)
  - **Internet connection type** (WiFi or cellular)
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## Expected Behavior

### Before the Fix

- Large videos (>10MB) would fail with “413 Payload Too Large”
- AWS configuration errors would crash the upload
- No retry logic for temporary network issues

### After the Fix

- Videos of any size should upload smoothly
- Temporary AWS issues are automatically retried (up to 3 times)
- Better error messages guide users on what went wrong
- Upload progress is tracked and displayed

## 🔍 Technical Details (For Debugging)

### API Endpoint Being Used

```
POST /api/video-analysis/pre-signed-url
```

This endpoint:

1. Validates your session
2. Generates a pre-signed S3 URL
3. Returns the URL for direct upload to AWS
4. Bypasses the server payload limit

### Expected API Flow

1. **Request** → Generate pre-signed URL
2. **Response** → Receive S3 upload URL
3. **Upload** → Direct upload to S3 (bypasses server)
4. **Complete** → Confirmation sent to server

### Server Status Verification

The server is currently running and verified:

- Server process active (PID: 1948)
- HTTP 200 responses
- API endpoints responding
- AWS credentials configured

## 📞 Quick Support Commands

If you have access to the server, these commands help debug:

### Check Server Status

```
ps aux | grep "next start"
```

### View Real-time Logs

```
tail -f /home/ubuntu/mindful_champion/logs/production.log
```

### Restart Server (If Needed)

```
cd /home/ubuntu/mindful_champion/nextjs_space  
./deploy.sh
```

## Run Verification Test

```
cd /home/ubuntu/mindful_champion/nextjs_space
./test-production.sh
```

## Testing Checklist

Use this checklist while testing:

- [ ] Can access mindfulchampion.com on iPad
- [ ] Can login successfully
- [ ] Can navigate to video upload section
- [ ] Can select a video file
- [ ] Upload progress indicator appears
- [ ] Upload completes without errors
- [ ] Video is available after upload
- [ ] Can try with different video sizes
- [ ] Can try with different video formats
- [ ] No browser console errors (if accessible)

## Success Criteria

The video upload is working correctly if:

1. Videos upload without “413” errors
2. Upload progress is smooth and visible
3. Large videos (>10MB) upload successfully
4. Error messages (if any) are clear and actionable

## Reporting Results

After testing, please report:

### If Successful

- “Video upload working on iPad!”
- Video sizes tested
- Any observations about speed or performance

### If Failed

- Error message received
- Video size attempted
- Screenshot of error (if possible)
- Steps taken before error occurred

**Note:** This testing guide focuses on iPad Safari testing, but the fix applies to all devices and browsers accessing [mindfulchampion.com](http://mindfulchampion.com). The server is running on production and actively serving requests.