

Bug Report 3

Created by Teodor Coste

Title: API Fails to Process Bulk File Uploads

Reported By: Teodor Coste

Timestamp: [10:47 AM, July 15, 2023]

Environment:

- **Operating System:** Windows 10
 - **API Testing Tool:** Postman
 - **Version:** Data Upload API v2.4
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Description:

Encountered an issue where the Data Upload API fails to process requests when attempting to upload more than five files simultaneously. The server responds with a 504 Gateway Timeout error. This is problematic for users needing bulk uploads.

Steps to Reproduce:

1. Configure a POST request to the Data Upload API endpoint in Postman.
 2. Attach six files to the request in a multipart/form-data format.
 3. Send the request.
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Test Data:

- Files used for testing were named **TestFile1.jpg**, **TestFile2.png**, **TestFile3.pdf**, **TestFile4.docx**, **TestFile5.csv**, **TestFile6.mp3**.
- Each file size ranged between 1-2 MB.
- The files were selected to represent various common file types and formats used in typical upload scenarios.

Actual Result:

The request times out and the API returns a 504 Gateway Timeout error after 30 seconds.

Expected Result:

The API should process and upload all files successfully in a single request, or provide a clear error message if there's a limit to the number of files allowed per request.

Severity: Critical

Priority: High

Attachments:

- Screenshots of the Postman setup and the error response.
 - Exported Postman request file.
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Additional Notes:

- No issues when uploading five or fewer files in a single request.
- The problem is consistently reproducible with any combination of six or more files.
- This issue may be related to API request handling or server configuration for handling multipart data.