

## Bug Report 3

*Created by Teodor Coste*

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Title: API Fails to Process Bulk File Uploads

Reported By: Teodor Coste

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

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### 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.

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### 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.

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**Actual Result:**

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

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**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.

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**Severity:** Critical

**Priority:** High

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**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.