SharePoint File Upload Limitations – Files Larger Than 2GB Fail to Upload

THE INFORMATION IN THIS ARTICLE APPLIES TO:

- EFT, v8.2.x and later

DISCUSSION

Users have reported that attempts to upload files larger than 2GB to SharePoint result in failure. This limitation affects both SharePoint Online (365) and On-Premises SharePoint (2016/2019) environments.

Root Cause

- The file size limitation is dictated by SharePoint's server configurations and Microsoft's platform boundaries.
- In Automate, all SharePoint operations rely on CSOM (Client-Side Object Model), which itself does not impose file size limits. However, SharePoint's backend enforces these restrictions.
- The default maximum file size for uploads is **2GB** in most configurations.

Details

- **SharePoint On-Premises (2016/2019):**

  See official Microsoft documentation for software boundaries and limits:

  https://learn.microsoft.com/en-us/sharepoint/install/software-boundaries-limits-2019
- **SharePoint Online (365):**

  For cloud environments, refer to:

  https://learn.microsoft.com/en-us/office365/servicedescriptions/sharepoint-online-service-description/
- These limits may vary depending on the SharePoint version, authorization type, and server setup configured by SharePoint administrators.

Workarounds and Alternatives

- Some third-party tools may use alternative SDKs or APIs that support chunked uploads, potentially bypassing the 2GB limit.
- **Automate does not support partial/chunk uploads**, so files must be within the

allowed size limit.

Recommendations

- Before uploading, verify the file size and ensure it does not exceed the 2GB limit.
- For larger files, consider splitting them or using alternative storage solutions.
- Consult your SharePoint administrator for possible configuration changes or approved third-party tools.

GlobalSCAPE Knowledge Base
https://kb.globalscape.com/Knowledgebase/11650/SharePoint-File-Upload-Limit...