The sample code contains the following process:

1. Handshake Process:

The handshake process involves generating a GUID using createGuid().

We then obtain a ServerNonce from the login/challenge endpoint via a POST request with ServerNonce, GUID, and Password to calculate a ClientHash.

Then we access the login/response endpoint to obtain session and account tokens using the ClientHash, Username, and ClientNonce.

This process establishes a secure and authenticated connection with the Vitrium server.

For more details on Handshake process, please refer to our api getting started guide:

https://www.vitrium.com/hubfs/support-pdfs/vitrium-api-getting-started-guide.pdf

2. File Upload Process:

Upon submission of the form with a file, the script checks if the file was uploaded successfully.

If the file upload is successful, the file is divided into smaller chunks for efficient uploading.

The initial metadata of the file (filename, size, mime type, packet count) is sent to the server using a POST request to the File endpoint.

The server responds with a GUID which is used for uploading individual chunks.

Each chunk of the file is read, sent to the server, and processed sequentially. The chunk index and total packet count are provided to keep track of the upload progress.

Once all chunks are uploaded, a final POST request is made to combine the chunks and create the content. This request includes metadata such as the filename and settings.

3. Cleanup:

After the file is successfully uploaded and processed, individual chunk files are deleted to clean up the system. (You may comment out this part as you might want to check the chunk files)

***To run the sample code in your environment.**

Ensure that the Guzzle HTTP client library is installed and available in the vendor directory.

Adjust environment variables (VIT_SERVER_URL, VIT_USER_NAME, VIT_USER_PASSWORD) according to your Vitrium account.