Settlement Automation Prepare Phase

To accomplish settlement automation, we will need an crontask configured on a timer (or upon a new Antifraud S3 Object upload) which will download the Antifraud transaction report, and submit all of the included transactions to the Payments GRPC service through the GRPC "Prepare" method. This automation should maintain an internal, per run state of transaction submissions to the endpoint, and perform required retries in the event of a failure to the GRPC service. Error codes from the API are enumerated below, along with their retriability.

Upon convergence of the submission of all transactions within a batch, the automation will then communicate to human's authorized to perform the manual authorization of the batch for custodian submission.

Expected GRPC Errors

OK - No Retry; Successfully Submitted Transaction(s)

CANCELLED - Retry; Client Cancelled

DEADLINE_EXCEEDED - Retry; Server Slow

RESOURCE_EXHAUSTED - Retry; Rate limit

ABORTED - Retry; Server Aborted

UNAVAILABLE - Retry; Server issue

INTERNAL - Retry; Raise Failure

UNKNOWN - Retry; Raise Failure

UNAUTHENTICATED - No Retry; Raise Failure

INVALID_ARGUMENT - No Retry; Raise Failure

UNKNOWN - No Retry; Raise Failure

ALREADY_EXISTS - No Retry; Successfully Submitted