Building block Configuration Guide
Request eGiftCard from SVS
27.10.2022
English

CUSTOMER

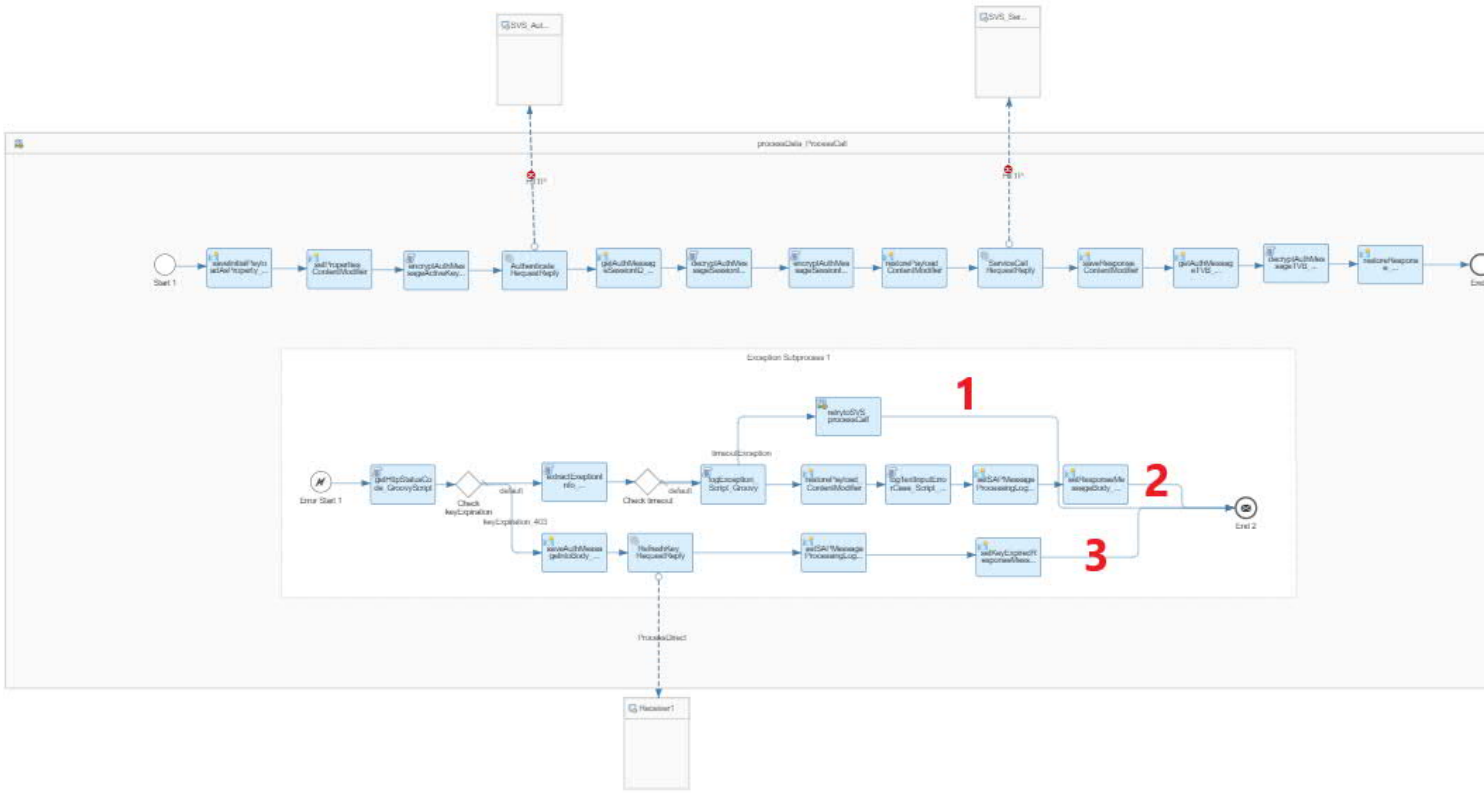
Request eGiftCard from SVS

Content

1 Prerequisites

- You should have access to SAP Cloud Integration tenant.
- You should contact Stored Value Solutions (SVS) to buy liscence for accessing SVS system: https://www.storedvalue.com/ and get the following information
    - Application User
    - Root Key
    - Auth-ID
    - Endpoint for Authentication and Service call

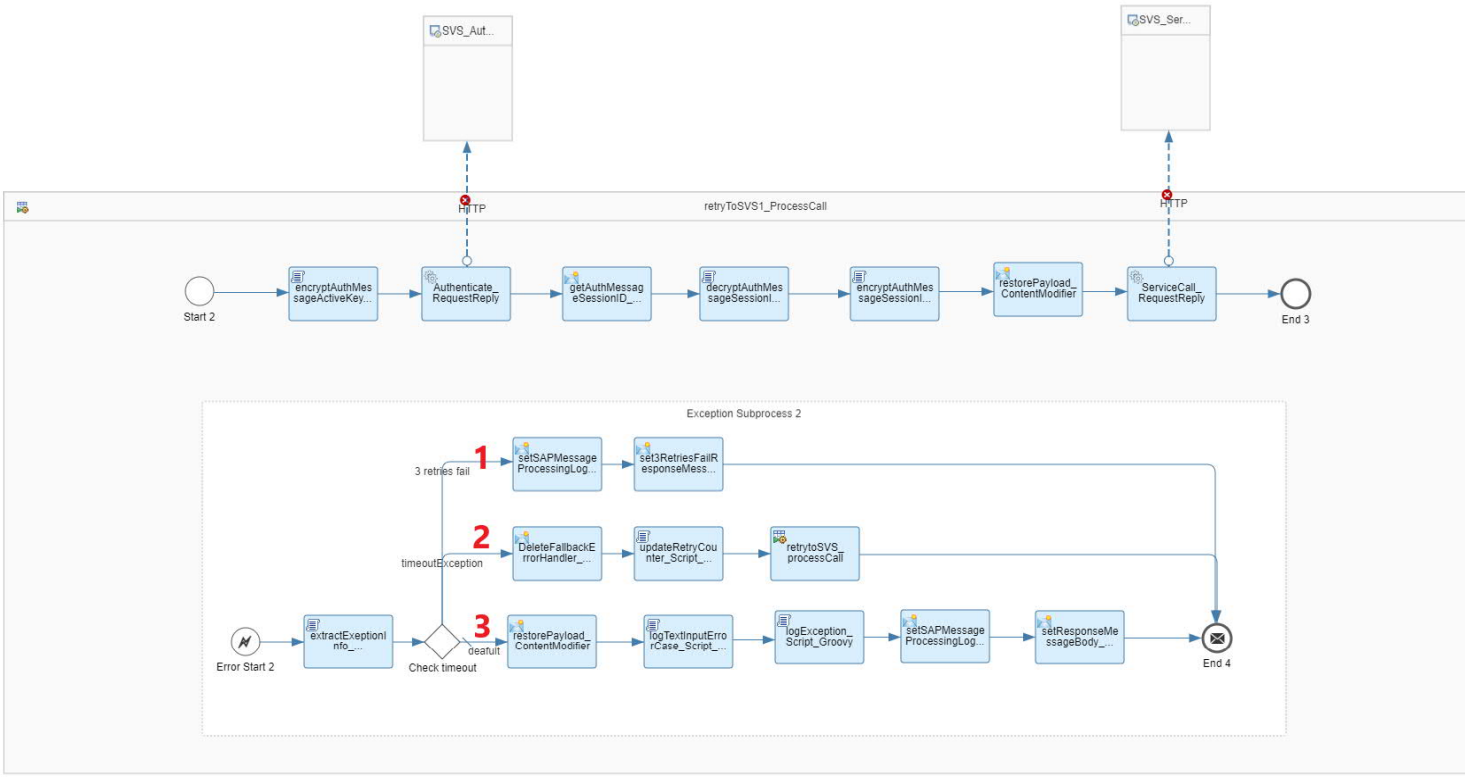
2 Documentation



2.1 Main Process: processData_ProcessCall

The Iflow is triggered to call SVS service. It contains two parts: set up a session with SVS and call the eGiftCard service

- The "active Key" from Iflow - “Request First Active Key from SVS” will be used here to ensure encrypted message exchange with SVS.
- In the exception handling, it will be differentiated among key expiration, request not reaching SVS or response not reaching FlexInt, and other exception cases.
  - **Branch 1** in the Picture: it will call the subprocess – “**retryToSVS1_ProcessCall**” to trigger the Retry Mechanism. Please refer to **2.2** for more detail.
  - **Branch 3** in the Picture: Key Expiration
    - The Iflow " Refresh Active Key for SVS" will be triggered to get a new "active key" and save it as User Credential
    - Set custom status as “**ABANDONED**”
  - **Branch 2** in the Picture: Other exceptions
    - The Payload from Client will be logged into attachment for later debugging
    - Set custom status as “**ESCALATED**”



2.2 Subprocess: retryToSVS1_ProcessCall

The subprocess for retry will be called by the main process once the request is not reaching SVS or response not reaching FlexInt.

- FlexInt will initiate maximum 3 times retry with extra header **"Retry" = "Y".**
- The Process is the same as the first call: session handling and service call.
- **Branch 1** in the Picture: If 3 retries still do not work,
  - Then FlexInt will set the customer status to "**Discarded**" and send the following dedicated response back:

    {

    "responseCode": "1000",

    "eCardHostLink": " ",

    "cardProxy": " ",

    "cardBalance": " ",

    "eovDate": " ",

    "optionalData": " "

    }
- **Branch 2** in the Picture: the subprocess will be called again for retry
  - The **Property "$name=CamelFatalFallbackErrorHandler"** will be deleted**.**
  - Meanwhile, the **Property "retryCounter"** will be updated**.**
- **Branch 3** in the Picture: In case of other exceptions,
  - The Payload from Client will be logged into attachment for later debugging
  - Set custom status as "**ESCALATED**"

3 Configuration steps on SAP Cloud Integration

3.1 Configure Sender Adapter

Sender	Parameter	Value	Description
Sender	Address		<Service Endpoint>

3.2 Configure Receiver Adater

Receiver	Parameter	Value	Description
Receiver1	Address		<Process Direct Consumer Address to Call Refresh Certificate Key Iflow>
SVS_Authentication_Retry1	Address		<SVS Authentication Call Endpoint to Get Session ID>
	Timeout (in ms)	60000	HTTP Timeout
SVS_Authentication	Address		<SVS Authentication Call Endpoint to Get Session ID>
	Timeout (in ms)	60000	HTTP Timeout
SVS_Service_Retry1	Address		<eGiftCard Service Call Endpoint>
	Timeout (in ms)	60000	HTTP Timeout
SVS_Service	Address		<eGiftCard Service Call Endpoint>
	Timeout (in ms)	60000	HTTP Timeout

3.3 Configure Parameter

Parameter	Value	Description
activeKeyIndicator		<Name for SVS Active Key Indicator>
AuthID		<Auth-ID Provided by SVS>
country		<County Code>
cpiTVA		<Time Variant Value, Maintained by the Customer>
customStatus1		<Custom Status in Case of other Exception, e.g. ESCALATED>
customStatus2		<Custom Status in Case of Key Expiration, e.g. ABANDONED>
customStatus3		<Custom Status in Case of Failure with 3 Retries, e.g. DISCARDED>
userCredential		<Alias for SVS Application User>