

Building block Configuration Guide
Request eGiftCard from Stored Value Solutions
27.10.2022
English

CUSTOMER

Request eGiftCard from Stored Value Solutions

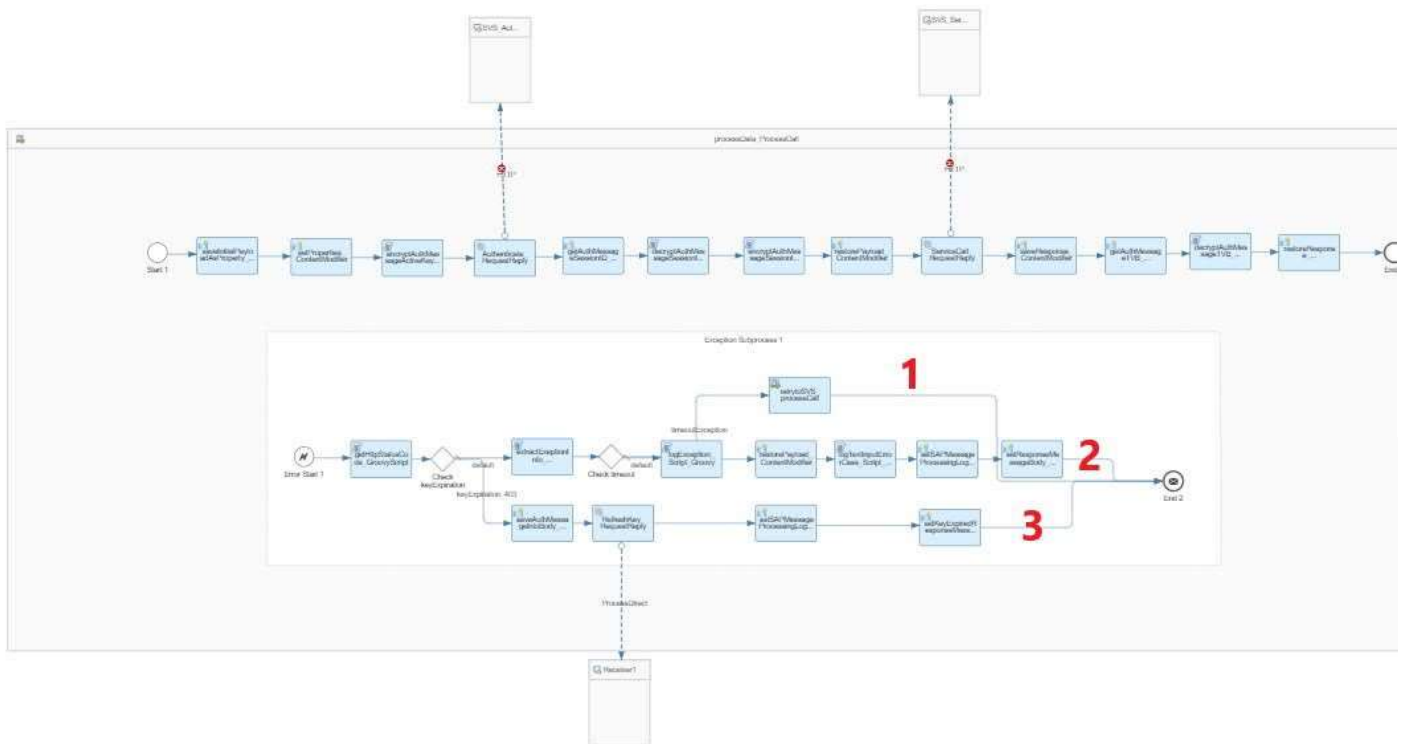
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1 Prerequisites

- 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
 - o Application User
 - o Root Key
 - o Auth-ID
 - o 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 o The "active Key" from Iflow – "Request First Active Key from Stored Value Solutions" will be used here to ensure encrypted message exchange with SVS.

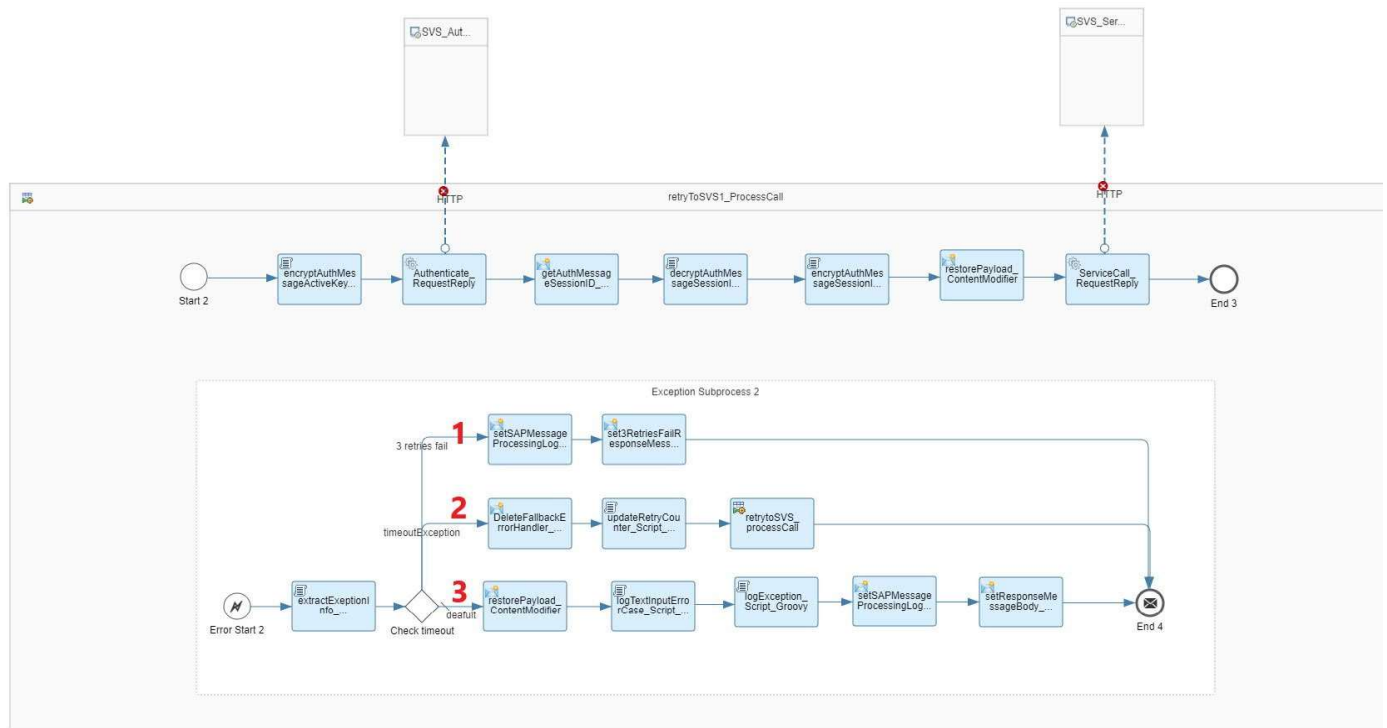
- o In the exception handling, it will be differentiated among key expiration, request not reaching SVS or response not reaching FlexInt, and other exception cases.
- o Branch 1 in the Picture: it will call the subprocess _ retryToSVS1_ProcessCall " to trigger the Retry Mechanism. Please refer to 2.2 for more detail.
- o Branch 3 in the Picture: Key Expiration
 - The Iflow " Refresh Active Key for Stored Value Solutions" will be triggered to get a new "active key" and save it as User Credential
 - Set custom status as "ABANDONED"
- o 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,
 - o 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
 - o The **“\$name=CamelFatalFallbackErrorHandler”** Property will be deleted. o Meanwhile, the
- Branch 3 in the **Property “retryCounter”** will be updated. Picture: In case of other exceptions,
 - o The Payload from Client will be logged into attachment for later debugging
 - o 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 Adapter

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>

