Support for Status Update Request Document type with Flow Extension API NP-37827

Target GA: May, 2024

Feature Overview

Introducing:
Support for Status Update Request Document type with Flow Extension API - NP-37827

Feature Description

In many LATAM countries it is required by the country mandate that the status of the invoice is updated to the Tax Authority to ensure that they have full visibility into the invoice lifecycle between suppliers and buyers and also accordingly decide to withhold taxes based on whether the invoice was paid or not by the buyer. This is relevant in countries like Mexico, Chile and Columbia.

In some of these countries it is the buyers or suppliers preferred service provider who update the status to the Tax portal.

This feature enables customers or partners on behalf of the customers to report any invoice business failures or rejection status sent by the customer's procurement system to their local tax authority in SAP Business Network using the Flow Extension API.

Key Benefits

Suppliers get visibility into the invoice rejections and so are able to correct and resubmit a correction invoice to their customers thus reducing the time to reconcile invoices successfully and receive their payments on time.

Buyers are able to provide invoice rejection status updates to the Tax authority in an automated manner.

Audience:

Buyer/Partner

Enablement Model:

Automatically On

Applicable Solutions:

SAP Business Network

Prerequisites, Restrictions, Cautions

Prerequisites

- Buyer (or Partner using the credentials of the buyer) is registered on the SAP API portal to be able to call the Flow Extension API.
- To consume the Flow extension API in a client application in order to process the status update request you must first provide a flow extension configuration for invoice status update request.

Restrictions

- None.

Cautions

- Ensure specific condition should be used when setting up the configuration to receive only Status update requests with status *rejected* else a high volume of successful SUR's will also be queued into the system which can impact business processing.

User Story

Buyer

❑ As a buyer on the SAP Business network, I receive invoices from my supplier and reconcile them in my ERP or procurement system connected to my network buyer account.

❑ As part of this processing, any status updates on this invoice are sent to my supplier on the SAP Business Network.

❑ If the invoice fails due to any business reasons in my procurement system, an invoice rejection Status update request will be sent to the supplier on the SAP Business Network.

❑ I have registered on the Ariba API portal to be able to execute different APIs available from SAP Business Network.

Partner

❑ As a partner or local service provider I have been selected by the buyer on the SAP business Network to process status updates for invoices that have been rejected by the buyer.

❑ Depending on the local regulations, this may include integrating with and providing the rejection status of these invoices to the local Tax authority.

❑ On behalf of my buyer, I invoke the Flow extension APIs to subscribe to the Status update request transactions and specifically with status rejected.

Feature Details

Process Steps

- Buyer has to register on the SAP API portal and implement the steps ready to consume the Flow Extension API
- The buyer should be subscribed to use the Flow Extension and the Status update request document type using the FE configuration file.
- The configuration should specifically be used to conditional halt the Flow Extension only for Status update requests with status rejected.
- Once the Status update requests are queued, the partner on behalf of the buyer should invoke the Flow Extension API to get the Invoice data for which the Status update request has a rejected status and the error information if any.
- Partner should invoke the APIs available from the local Tax authority portal to update the invoice status to failed providing the error details
- Once completed, they should invoke the Resume API

Feature Details

Configuration

❏ To enable this functionality, the Flow Extension API now supports the Status Update Request (SUR) document type, thus allowing Customers to send a Business SUR from their procurement system with the processing status of the invoice they received from the supplier.

❏ These SUR's can be now queued on the SAP Business Network and the Flow Extension API can be used to get the status of the document from the SUR for additional processing including updating the suppliers invoice status in the Tax authority portal

❏ Sample Flow extension configuration shows the **non suspend** option which is recommended.

❏ Use a condition to check for the **Invoice status** in the **StatusUpdateRequest** to be of type **rejected**

❏ Use the **Source** document type as **StatusUpdateRequest**

❏ The referenced document should provide the **invoiceid**

```xml
<?xml version="1.0" encoding="UTF-8"?>
<FlowExtension id="sur_nonsuspend" version="1.1" type="nonsuspend"  >
<Stage name="POST_PROPAGATION" />
<GroupConditions>
     <Condition>ariba:string-
compare($src/cXML/Request/StatusUpdateRequest/InvoiceStatus/@type, 'rejected')
</Condition>
  </GroupConditions>
<Source>StatusUpdateRequest</Source>
<SLA unit="hours">24</SLA>
<Outbound>
<Template>
        <DataRequest eventId="$event" extension="$extension">
          <Source>
             $hdrSrc
             $src
             $attachmentInfo
          </Source>
          <Reference>
             $hdrRef
             $ref
             $ref.invoice.invoiceid
          </Reference>
        </DataRequest>
     </Template>
</Outbound>
</FlowExtension>
```

Feature Details

Response to process

- ❑ The response to your data request in the FE API will return the status of the Status Update Request document that is referred by this invoice.
- ❑ If there are multiple Status update requests sent for this invoice, the API will return the status of the current one in the Flow extension queue when the halt API was invoked.
- ❑ A sample of the response is provided

```
{
 "DataRequest": {
    "eventId": "W6bPaBevT6KgQUP9ftw3VA",
    "extension": "sur_nonsuspend",
    "Reference": {
        "Request": {
          "InvoiceDetailRequest": {

              ......
                  "invoiceID": "Dec14_001",
                  "invoiceDate": "2023-12-14T12:12:48+05:30",
                    },
          "deploymentMode": "production"
        },
        "content": "$ref.invoice.invoiceid"

    ….
    },   "Request": {
        "StatusUpdateRequest": {
            "Status": {
                "code": 200,
                "text": "OK"
            },
            "InvoiceStatus": {
                "type": "rejected"
            },
            "DocumentReference": {
                "payloadID": "1702536168689-8418165672347608595@10.163.53.141"
            }
        ….
    }
```

Thank you.

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