



Post Document To CMIS

Version 1.0

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Usage guidelines and Specific Instructions:

- **Document Flow-** The flow of the document is generic. Specific changes to the flow will be required to be made by the client team to suit the client context.
- **Document Content-** The content explains the technical specification in a generic manner. Specific changes are required to be made to meet client requirements.
- **Section 1 -** The overall requirement summary, General technical Information, assumptions, dependencies, and messages volume details need to be documented as a part of this section.
- **Section 2 –** This section caters to the detailed functional requirement. The technical flow diagram and description are to be compulsorily designed and documented here. This should also include each processing step details, Exception handling, Message transformation and value mapping details.
- **Section 3 –** Finer details like Tenant Database area requirement like Data Store, variables and JMS queues requirement and specify the transport details.
- **Section 4 -** The section needs to cover all the key business test conditions and assembly test conditions that the enhancement must satisfy.
- **Section 5 –** All issues that have cropped up so far and their present status are to be highlighted in this section.

Revision History

Version No.	Change Date	Author	Revision Short Description	ITSM Ticket No
1.0	21 st Jun 2024	Yogesh Wadakar	Prepare the document	

Other Related Documents

Related Document	Comment

Document Approvals for all changes

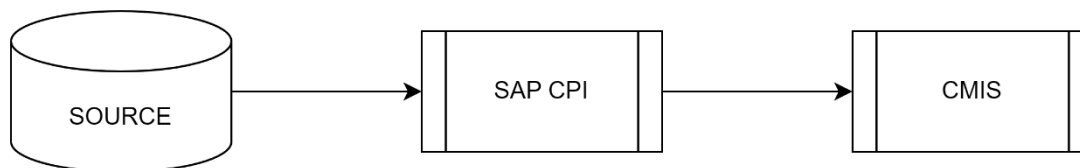
Version No.	Author Name	Approver Name	Approver Role	Approve Date
1.0	Yogesh Wadakar	Krishna Kumar	Delivery Lead	21 st Jun 2024

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1. Development Overview

1.1 Requirements Summary with Process flow diagram



Using this integration, we Post a Document to CMIS, SAP UI5 will post a form body that contains the document which we need to post & folderpath Header contains a folder path where we need to post the document. SAP CPI in the Groovy extract folder path from the header & send the body with folder path to CMIS where document post in the respective folder.

1.2 Cloud Integration – General Technical Details

Parameter	Description
Integration Scenario Technical Description	This integration used to Post document to CMIS.
Business Benefits	We manage document organized way.
Process Owner	Krishna Kumar
Technical Owner	Krishna Kumar
Systems/Applications Involved	SAP UI5
Integration Package Technical Name	DocumentServicesForContentManagementInteroperabilityServices
Integration Package Name	Document Services For Content Management Interoperability Services
Integration Flow Technical name	PostDocumentToCMIS
Integration Flow Name	Post Document To CMIS

1.3 Assumptions

SAP UI5 will send form body which contains document & folderpath header.

1.4 Messages Volume

Parameter	Description
Total Number of Messages per day	Dynamic
No of Messages per single Iflow/Process model execution	Single
Per message size in Bytes	1KB

1.5 Messages Archival requirement

1. Messages Archival required? YES No

2. If YES to question 1:

a. How long messages to be save in Archived area? _____ days

b. Please specify reason / explain the need for these data required? Please check all that applies.

Legal requirement:
Explain: _____

Business
Explain: _____

Tax
Explain: _____

Audit
Explain: _____

Others: Specify _____
Explain: _____

1.6 Integration Flow /process model Execution Details

Data Source/sender System:	SAP UI5
Data Target /Receiver System:	CMIS
Reference system for Direction below	Either sender or Receiver system mentioned above
Direction (With respect to Source/sender system)	<input type="checkbox"/> Inbound Interface data flows inbound to Reference system <input checked="" type="checkbox"/> Outbound Interface data flows outbound from Reference system <input type="checkbox"/> Other Specify: <input type="text"/>
Interface Type	<input type="checkbox"/> Batch <input type="checkbox"/> Near Real-Time <input checked="" type="checkbox"/> Real-Time <input type="checkbox"/> File Upload <input type="checkbox"/> Other
Interface Frequency	<input type="checkbox"/> Hourly Details: <input type="text"/> <input type="checkbox"/> Daily Details: <input type="text"/> <input type="checkbox"/> Weekly Details: <input type="text"/> <input type="checkbox"/> Monthly Details: <input type="text"/> <input type="checkbox"/> Quarterly Details: <input type="text"/> <input type="checkbox"/> Yearly Details: <input type="text"/> <input checked="" type="checkbox"/> On-Demand How often: Get execute when document need to post. <input type="checkbox"/> Other Specify: <input type="text"/>
Type of Records Sent	<input type="checkbox"/> Full record load Send all records every time interface is executed <input type="checkbox"/> Delta full records Only send records where one or more fields have changed since previous execution <input type="checkbox"/> Delta records Only send fields (and keys) that changed since previous interface execution <input checked="" type="checkbox"/> Other Specify: Single record at a time
Quality of Legacy Data	<input checked="" type="checkbox"/> Good

	<input type="checkbox"/> Average <input type="checkbox"/> Poor
Complexity of Legacy Data	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Average <input type="checkbox"/> Poor
Attachments	<input type="checkbox"/> YES Specify: type and number of attachments <input checked="" type="checkbox"/> NO <input type="checkbox"/> Other Specify:

1.7 Naming Convention Guidelines Details

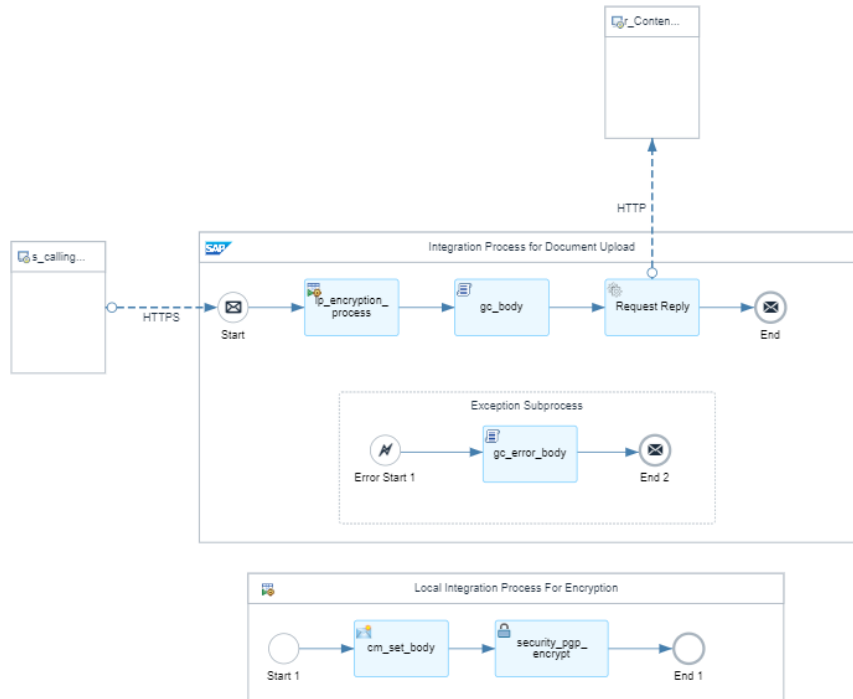
- a. Name of the package – 120 characters (Flexible based the involved product names)
- b. Short text of the package – 120 characters
- c. Description of the package – 1-3 paragraphs
- d. Name of the Artifact – 80 characters
- e. Integration Flow (Artifact) Description (Short Text): 120 Characters

1.8 Security, Integrity, and Controls (systems Authentication details)

System	Authentication Method	Cloud Integration (Security Artifact)	Type of Security Artifact	Version No	Created By	Status
CMIS	Basic Auth	<CMIS Credential>	User Credentials	1.0	-	Deployed

2 Detailed Technical Specifications

2.1 Integration Flow/Process Model Flow Diagram including all sub processes and dependent Integration Flows



2.2 Technical Flow Description for each Integration Process model wise

The source will send a JSON body that contains the folder path and folder name. In the Groovy script control, we extract these payload properties which we used to create our payload in the form of FORM which we then post to our CMIS repository with dynamic URL update base on the folder path.

2.3 Channels Configurations

Step ID	Target system	Adapter Type	Security Artifact/Authntication	Trigger details (End points, HTTP method, file name, etc..)
Sender	SAP UI5	HTTP	Bearer Token	POST <Endpoint URL>
Receiver	CMIS	HTTP	Basic Auth	POST <CMIS base URL>

2.4 Externalization (Configuration)

Parameter	Value
Authorization Type	Select client authentication type.
CMIS base URL	Enter CMIS base URL where we want crate folder.
CMIS Credentials	Enter the Security Material name which has CMIS access.
Endpoint URL	Enter endpoint URL as per naming convention.
Role	Select the role which we want to give access.

3 Testing Requirements

3.1 Test Body

Binary Body – sample data

Header – 1) folderpath = 2024/GRV-002

2) filename = sample.txt

3.2 Key Unit/Assembly Test Conditions

Unit Test Log						
Test Objective						
Step No.	Date	Description	Expected Output/Results	Actual Output/Results	Requirement ID	Sign-off
1	21 st Jun 2024	We post one document int the form of form body where CMIS returns the response in JSON format.	Post the document & return the response in JSON format.	Post the document & return the response in JSON format.		Tested successfully.
Notes	1					