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| SAP Interface Function Specification Document for I3000 Citibank Statements |  | |
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| --- | --- |
| **Business Process Organizational Structure** | Finance To Manage |
| **Process Owner** | Sidharth VR |
| **Original Author(s)** | Capgemini ActionLearningTeam |
| **Current Revision Author(s)** | Capgemini ActionLearningTeam |

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| --- | --- | --- | --- |
| **Version** | **Date** | **Author(s)** | **Revision Notes** |
| 1.0 | 20/04/2019 | Sidharth VR | drafts |
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# OBJECT REQUIREMENT SUMMARY

## Object Information and Attributes

The following is current information about this object and document:

|  |  |
| --- | --- |
| **Object ID** | I3000 |
| **Title** | Citibank Statements |
| **Team Which**  **Owns the Object** |  |
| **System Version Source** | CitiBank SFTP Server |
| **System Version Destination** | CG SFTP Folder |
| **Development Type** | Interface |
| **Link to Process Flow/FDD** | <<No link>> |

## Requirements Summary and Business Driver

As a part of CPI Actionlearning exercise, we need to create an interface transfer the Statements from Citibank SFTP server to CG SFTP Folder via Cloud Platform Integration (CPI). This file from CG SFTP will be picked by the wrapper program in ECC for further processing.

### Alternatives to Object

N/A

### Impact of Implementation

Statement files from Bank’s server will be transferred to CG SFTP folder for monthly audit of transactions.

### Impact of No Implementation

If the interface is not developed lot of manual effort will be required to download the file from Bank’s server and to upload the same in SAP ECC.

## Assumptions

* Necessary SAP connectivity configuration is in place between Bank’s Server and CPI.

## Current Functionality

N/A

## Required Functionality

The SFTP adapter form CPI will poll the Bank’s SFTP Server once in every 30 mins to check if there is any file placed in the directory with correct naming convention. If the file is found, it will be picked and transferred to CG SFTP Shared folder.

## Performance Criteria

| ***Source***  ***System*** | ***Destination***  ***System*** | ***Performance Requirements for Interfaces*** | | |
| --- | --- | --- | --- | --- |
|  |  | Average Transactions / Records and Type per Interface Run (include input & output): | Peak Transactions / Records and Type per Interface Run (include input & output): | Required Throughput For Interface (include input & output): |
| Bank SFTP Server | CG SFTP Server | 30 | 30 | 30 |
|  |  |  |  |  |

# INTERFACE DESIGN SPECIFICATIONS

## Detailed Requirements

| *Interface Business Object* | |
| --- | --- |
| **Business Object** | **NA** |
| **Business Object Description** | Bank Statements |

|  |  |  |
| --- | --- | --- |
| ***Application Name*** | ***Source*** | ***Destination*** |
| Bank SFTP Server |  |  |
| CG SFTP Server |  |  |
| < List Application Name1> |  |  |

|  |  |
| --- | --- |
| ***Source Application Interface Type(Check one Only)*** | |
| Screen |  |
| Report |  |
| File |  |
| Database Table |  |
| Application Protocol Interface (API) |  |
| WebService (Proxy) |  |
| Other (Describe) SFTP |  |

|  |  |
| --- | --- |
| ***Destination Application Interface Type(Check one Only)*** | |
| Screen |  |
| Report |  |
| File |  |
| Database Table |  |
| Application Protocol Interface (API) |  |
| WebService |  |
| Other (Describe) SFTP |  |

| *Legacy Systems* | *Contact Name* |
| --- | --- |
| N/A | N/A |
| Source 1 |  |
| Source 2 |  |

|  |  |
| --- | --- |
| *Method of Execution:*  (Foreground / Background Scheduled / Manual / On Demand) | Manual Update Statements table  (On Demand) |
| *Inbound / Outbound:* | Inbound |

## Error Handling

****

# Selection Criteria/Screen

*Create Excel file with 2 tabs input for selection screen and output of selection screen*

| **Field Name** | **Selection Text / Description** | **Type of Field (Check Box / Radio Button / Select-Option / Parameter)** | **Search Help / Pick List / List of values**  **(Y / N)** | **Validation Required**  **(Y / N)** | **Default Value** | **Mandatory**  **/ Optional** | **Single/**  **Multiple/**  **Range/**  **all possible combinations** | **Fields Grouping /Frame name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| N/A |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

## Detailed Requirement

SFTP Adapter from CPI will poll the Bank’s SFTP server for statement file. If any file found, it will be transferred to CG SFTP server for ECC to process further.

ShareFolder

SFTP

SFTP

CPI

Bank SFTP

Statement\_<MMDDYYYY format>.txt

Statement\_<MMDDYYYY format>.txt

## Detailed Data Mapping

Please find the Mapping specification attached below.

Mapping sheet

Not Applicable

## Processing Specifications

| *Processing Business Rules* |
| --- |
| File Naming convention : “Statement\_MMDDYYYY.txt”  Overwrite the file , if it is already exist in target directory. |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ***Rule*** | **How is this Interface initiated or triggered?** |  | **What is the Initiation or Trigger Source?** | **How frequently is this Interface run?** | **What days of the week does this Interface get run?** | **What time of the day is this Interface run & what is the allowed time window?** | **What are the predecessor processes & dependencies for this Interface?** |
| ***Description*** | Automatic polling by SFTP adapter every 30 mins |  | Automatic trigger | N/A | All days | Every 30 mins | N/A |
| ***Source 1*** |  |  |  |  |  |  |  |
| ***Source 2*** |  |  |  |  |  |  |  |

## Scheduling Requirements

**File Descriptions (if applicable)**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Input File Requirements for Inbound Integrations (if applicable)*** | | | | | | | | | |  | |
| **Information Needed** | **Logical File Name** | **File Description** | **Variants** | **System Name** | **Physical File Location & Name** | **Selection Requirements** | **Empty Files** | **Sort Order For Incoming File / Message** | **Length of Time to Archive the Source File** | |
| ***Description*** | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| ***Source 1*** |  |  |  |  |  |  |  |  |  | |
| ***Source 2*** |  |  |  |  |  |  |  |  |  | |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Output File Requirements for Outbound Interfaces (if applicable)*** | | | | | | | | |  |
| **Information Needed** | **Logical File Name** | **File Description** | **Variants** | **System Name** | **Physical File Location & Name** | **Selection Requirements** | **Empty Files** | **Sort Order For Incoming File / Message** | **Length of Time to Archive the Client File** |
| ***Description*** | Refer3.1.2 section | Statement\_MMDDYYYY.txt | N/A | Bank SFTP Server | Directory:  **/inbound/Receiver/Statements**  FileName : **Statements\_MMDDYYYY.txt** | N/A | To be filtered in Middleware | N/A | N/A |
| ***Source 1*** |  |  |  |  |  |  |  |  |  |
| ***Source 2*** |  |  |  |  |  |  |  |  |  |

## Architecture Specifications

# ADDITIONAL INFORMATION

## Unit Test Plan

Identify the Test Scenario to be used to test the development with:

|  |  |  |
| --- | --- | --- |
| Test Considerations | Scope of Testing (Inside SAP (IS) / Outside SAP (OS) / Both (BO)) | Target Test Date |
|  | Both (BO) | 04-26-19 |

## Related Business Scenario and Business Transactions

**Test Data**

Sample Statement File:

