

# Bank to S4HC - Bank Statement BAI Format Import

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## Purpose

Quick start to development of Bank Statement Import Interface to S4HC

## Integration Specification

Type of Integration (outbound or inbound)	Inbound
Data Source Entities	Bank to S4HC Public – BAI2 Format
Average Number of Records	250
Maximum number of Records	1000
Processing Type	Polling – Import / Bank Statement Date
Job Schedule	Flexible – As per business Requirement
Data Description (xml, comma delimited etc...)	Standard BAI Format
Target Location	S4HC Public Cloud <a href="https://api.sap.com/api/BANKSTATEMENTPOST_IN/documentation">https://api.sap.com/api/BANKSTATEMENTPOST_IN/documentation</a>

## Parameters Usage Guide

Configure "Import Bank Statement from File Server to SAP S4HANA Cloud"

Sender Receiver [More](#)

Type:	All Parameters
Bank Account:	<S4HC - Statement Bank Account #>
Bank Number:	<S4HC - Bank Number>
logger:	<true/false>
OpeningBalance(if Blank):	<Opening Balance - Bank Statement>
SWIFT Code:	<Swift Code>

\*\* Opening Balance is fetched from configured value only if Data Store – Variable is empty

## Scripting

Name	Description
parsetoOneLine.groovy	Convert BAI File multiline transactions to one line
inputxml.groovy	Populate and generate a XML to be used for Bank Statement Input Standard Structure
Logging.groovy	Log Payload
MM to S4HC Structure	Messaging Mapping to align with WSDL Input structure as per Bank Statement API ** Tweak as per Business Requirement
throwexception.groovy	Raise exception in case Bank Statement not successfully imported ** Tweak as per Business Requirement
nrouupdate.groovy	Payload to update NRO – BankStatementNumber in case of failure.

## Number Range Object

Name	Description
BankStatementNumber	Bank Statement Number to be used for Import

### Edit Number Range

Name: \*

Description:

Minimum Value: \*

Next Value: \*

Maximum Value: \*

Field Length:

Rotate

# Endpoint Configuration

## SFTP Server

Configure "Bank to S4HC - Bank Statement BAI Format Import"

Sender Receiver More

Source

Sender: SFTP

Adapter Type: SFTP

Directory: /<Directory>

File Name: \*

Address: <Host:Port>

Authentication: Public Key

User Name: uname

Timeout (in ms): 10000

Maximum Reconnect Attempts: 3

Reconnect Delay (in ms): 1000

Processing

Sorting: Time Stamp

Sorting Order: Ascending

Lock Timeout (in min): 15

Advanced

Max. Messages per Poll: 1

Schedule:  Schedule on Day  Schedule to Recur

Schedule to Recur: Daily

On Time: 02:03 AM

Every: 1 min Between 00:00 and 24:00

Time Zone: ( UTC 0:00 ) Greenwich Mean Time(Etc/GMT)

## S4HC Bank Statement Import Call

Configure "Import Bank Statement from File Server to SAP S4HANA Cloud"

Sender Receiver More

Connection

Receiver: S4HC

Adapter Type: SOAP

Address: https://<S4HC-API HostName>/sap/bc/srt/scs\_ext/sap/bankstatementpost\_in

Authentication: Client Certificate

Private Key Alias: sap\_cloudintegration

Timeout (in ms): 180000

## Cloud Integration NRO Update Call for failure scenario

Configure "Import Bank Statement from File Server to SAP S4HANA Cloud"

Sender Receiver More

Connection

Receiver: CloudIntegration

Adapter Type: HCIOData

Address: https://<CLOUDINTEGRATION-URL>/api/v1

Authentication: OAuth2 Client Credentials

Credential Name: <CLOUDINTEGRATION - CREDENTIALS>

Processing

Timeout (in min): 1