

Exchange Rate replication from Bloomberg to S4HANA

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Purpose

Requirement is to automatically upload exchange rates daily in the SAP system. Bloomberg is a third-party provider of exchange rate data. To read exchange rate file from Bloomberg and update exchange rate in SAP system.

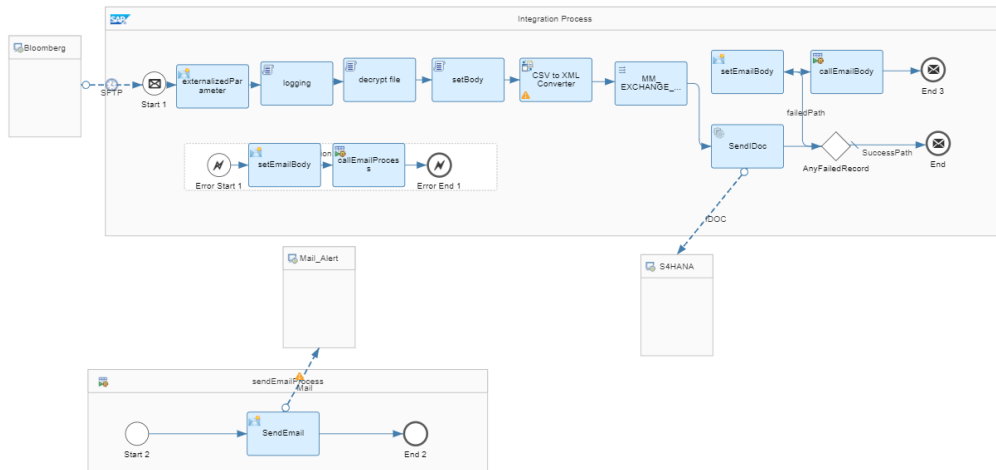
Exchange rate type **M** will be used for daily average rate. This rate will be closing rate of previous day with 'Valid From' as current system date.

Once the request is processed by Bloomberg, exchange rate feeds will be setup from Bloomberg to SAP. These files will be comma separated.

Daily Exchange Rate Feed: A daily feed will be setup from Bloomberg to SAP to provide daily rates (including the last day of the month).

Integration Specification

Iflow Name	Exchange Rate from Bloomberg to S4HANA
Type of Integration (outbound or inbound)	Inbound
Data Source Entities	BloomBerg
Average Number of Records	
Maximum number of Records	
Processing Type	Request-Reply
Job Schedule	Will be schedule in SAP CPI
Data Description (xml, comma delimited etc...)	
Target Location	S4HANA



A file will be placed by Bloomberg system at a dedicated SFTP location .An interface and scheduled job will be created/set up in SAP CPI to pull and read the data sent by Bloomberg system Exchange rate .A CPI SFTP Adapter will be used to extract the data. and sent to S4HANA as idoc for message type EXCHANGE_RATE

External Parameter

Name	Value	Description of Parameter
BloomBerg(SFTP)		
Directory	<SFTP Directory>	BloomBerg Directory
FileName	<SFTP FileName>	BloomVerg File Name
Address	<SFTP address>	BloomBerg Address
ProxyType	Internet	
Credentials Name	<Credentials>	BloomBerg Credential Name
Timeout	300	
S4HANA		
Address	http://<host:port>/sap/bc/srt/idoc?sap-client=<clientid>	Idoc URL of S4HANA system
ProxyType	On-Premise	
Credentials Name	<Credentials>	S4HANA Credential Name
EnableLogging	True/False	Is used to attach payload
ReceiverPartnerProfile	<ReceiverPartnerProfile>	Receiver Partner Profile
SenderPartnerProfile	<SenderPartnerProfile>	Sender Partner Profile

Scripting

Name	Description
Decryption.groovy	This Script is used to decrypt the file and convert into csv format.

logger.groovy	This Script is used to log payload
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Endpoint Configuration

SFTP Sender-BloomBerg

SFTP

General

Source

Processing

Scheduler

FILE ACCESS PARAMETERS

Directory: <SFTP Directory>

File Name: <SFTP FileName>

CONNECTION PARAMETERS

Address: <SFTP address>

Proxy Type: Internet

Authentication: User Name/Password

Credential Name: <Credentials>

IDOC Receiver -S4HANA


IDOC

General

Connection


CONNECTION DETAILS

Address:

Proxy Type: 

Location ID:

IDoc Content Type: 

Authentication: 

Credential Name:

Timeout (in ms):

Compress Message: ☐