

Building block Configuration Guide
SAP SuccessFactors and SAP Concur Integration
July, 2022
English

CUSTOMER

SAP SuccessFactors and SAP Concur Integration

Document History

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1 Prerequisites

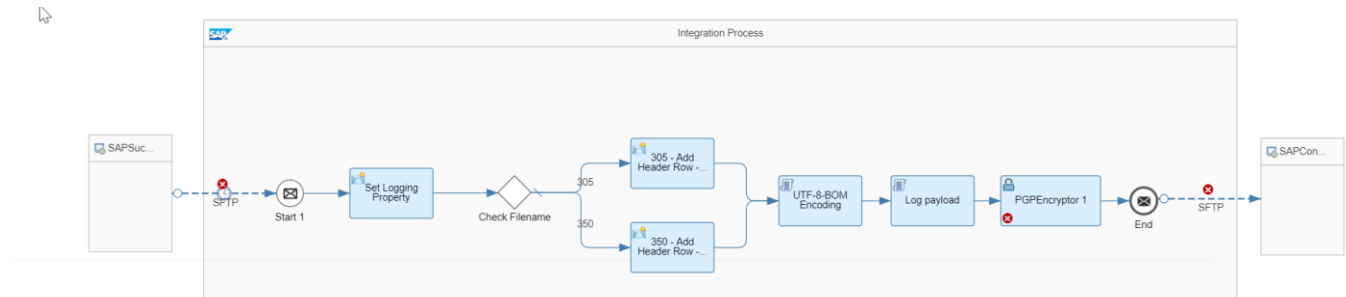
This IFlow takes employee master data CSV files from the SAP SuccessFactors SFTP, transforms, pgp encrypts and sends them to the SAP Concur SFTP Server.

There are some configuration steps needed in order to use this package. We recommend to ask for consultancy support regarding the set up.

- Configuration steps in SAP SuccessFactors
 - o Configuration of the SFTP Server in SAP SuccessFactors.
 - o Processing and file storage on the SFTP Server
- Configuration steps in SAP Concur
 - o Configuration of the SFTP Server in SAP Concur.
 - o Decryption and processing of the file

2 Documentation

This IFlow takes employee master data CSV files from the SAP SuccessFactors SFTP, transforms, pgp encrypts and sends them to the SAP Concur SFTP Server. It is based on the 305 and 350 file structure in SAP Concur.



3 Configuration steps on SAP Cloud Integration

For setting up the SFTP Server connectivity please also refer to <https://blogs.sap.com/2017/08/03/cloud-integration-how-to-setup-secure-connection-to-sftp-server/> .

For configuring the PGP Key please also refer to <https://blogs.sap.com/2022/04/02/sap-cpi-encryption-and-decryption-using-pgp-keys/> .

3.1 Configure Sender SFTP Adapter

Configure "Employee Integration from SAP SuccessFactors to SAP Concur"

Sender Receiver More

Source

Sender: SAPSuccessFactors_SFTP

Adapter Type: SFTP

Directory: <Sender Directory /Concur>

File Name:

Address: <Sender Address>

Authentication: Public Key

User Name:

Private Key Alias:

Processing

Max. Messages per Poll: 20

Lock Timeout (in min): 15

Post-Processing: Move File

Archive Directory: Verarbeitet

Schedule: ☐ Schedule on Day ☒ Schedule to Recur

Schedule to Recur: Daily

☐ On Time

☒ Every 1 sec Between 00:00 and 01:00

Time Zone: (UTC -12:00) GMT-12:00(Etc/GMT+12)

Directory	Enter the Directory of the SAP SuccessFactors SFTP Server
File Name	Enter File name if defined
Address	Enter the Address of the SAP SuccessFactors SFTP Server
Authentication	Enter the Authentication Type according to the configuration of the SFTP Server
Schedule	Define the scheduler to request files on the SFTP Server

3.2 Configure Receiver SFTP Adater

Configure "Employee Integration from SAP SuccessFactors to SAP Concur"

Sender **Receiver** More

Target

Receiver: SAPConcur_SFTP

Adapter Type: SFTP

Directory: <Receiver Directory /in>

File Name:

Address: <Receiver SFTP Address>

Proxy Type: Internet

Authentication: Public Key

User Name: <Receiver UserName>

Private Key Alias: <Receiver PrivateKeyAlias>

Processing

Handling for Existing Files: Override

Directory	Enter the Directory of the SAP Concur SFTP Server
File Name	Enter File name if defined
Address	Enter the Address of the SAP Concur SFTP Server
Proxy Type	Enter the Proxy Type, either Internet or On-Premise
Authentication	Enter the Authentication Type according to the configuration of the SFTP Server
Handling for Existing Files	Define the strategy for existing files

3.3 Configure PGP Key

Configure "Employee Integration from SAP SuccessFactors to SAP Concur"

Sender Receiver **More**

Type: All Parameters

EnableLogging: true

PGP_Algorithm: AES

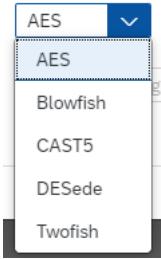
PGP_Compression Algorithm: ZLIB

PGP_EncryptionUserID:

PGP_SecretKeyLength: 128

PGP_Signature: NoSignature

Enable Logging	True, if you want to enable the Logging option in the Monitor Section, False otherwise
PGP Algorithm	In the dropdown list, select the algorithm you want to use to encrypt the payload.

	
PGP Compression Algorithm	Select the algorithm you want to use to compress the payload.
PGP Encryption User ID	<p>You can specify the encryption key user IDs (or parts of them). Based on this setting, the system picks all public keys associated with User IDs that contains this value from PGP public keyring. (see Outbound: Message-Level Security with OpenPGP).</p> <p>You can enter \${header.headername} or \${property.propertyname} to read the encryption key user ID dynamically from a header or exchange property.</p>
PGP Secret Key Length	Enter the secret key length.
PGP Signature	Select Including if you want to sign the payload with a signature.

3.4 Configure the SFTP Server in SAP SuccessFactors and SAP Concur

Please ask an expert for SAP SuccessFactors as well as for SAP Concur to set up the integration.