Set-Up Instructions | PUBLIC
SAP S/4HANA
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Setting Up *Treasury Workstation Cash Integration* (34P)

THE BEST RUN SAP

Content

1 Purpose

To enable this scope item, you must perform additional manual configuration steps to create required settings in the system landscape that has already been installed. As these configuration steps are company-specific, they cannot be delivered by SAP, and you must make them in the productive system.

If you have chosen to set up your system with SAP Best Practices using BC Sets and automation tools, you perform these additional manual configuration steps after the successful activation of the SAP Best Practices reference content.

Main Activities

You can maintain master data for house banks, house bank accounts, and bank accounts in your SAP S/4HANA system where Cash and Liquidity Management is installed. You can then replicate the master data to other integrated business systems using the Execute Data Replication program (transaction DRFOUT via IDoc (Intermediate Document). This way, you ensure that the master data is identical and in sync across all the systems in the landscape.

The following features are supported:

- Replicate existing house banks, house bank accounts, and bank accounts to receiver systems
- Replicate changes that occurred in the sender system during a specified time interval to receiver systems
- Manually select and transfer data to receiver systems

The following integration is supported:

Integration Scenario	Sender System	Receiver System
Outbound Integration	SAP S/4HANA	SAP S/4HANA
	SAP S/4HANA	SAP S/4HANA Cloud
	SAP S/4HANA	SAP ECC
	SAP S/4HANA	SAP S/4HANA Finance
Inbound Integration	SAP S/4HANA Cloud	SAP S/4HANA
	SAP S/4HANA	SAP S/4HANA
	SAP S/4HANA Finance	SAP S/4HANA

For example:

- SAP S/4HANA Cloud system: CC8CLNT100
- SAP S/4HANA system: QKXCLNT910

System Landscape Overview

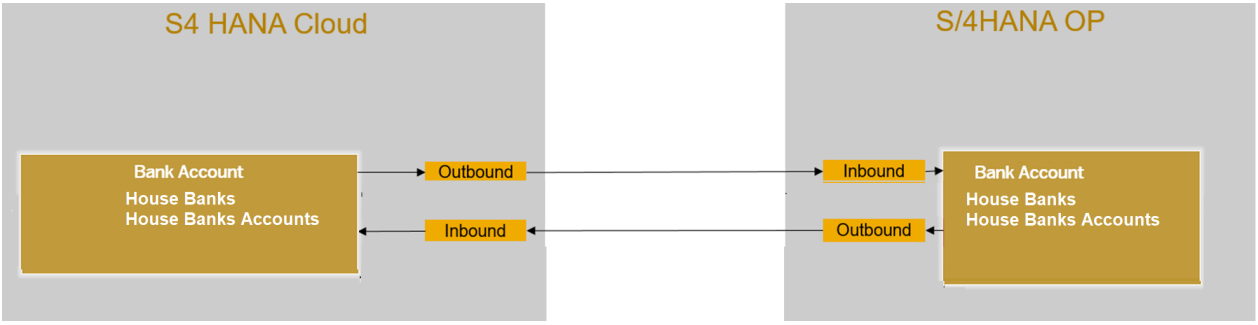

Figure 1: 34P Landscape Overview

2 Prerequisites

Before configuring the settings for replication house banks, house bank accounts, and bank accounts, ensure that you have performed the following procedures for IDoc and Application Link Enabling (ALE) in the sender system and the receiver systems.

2.1 Create Users for ALE Transfer

Purpose

In this activity, you create a user in SAP S/4HANA or SAP ECC for ALE transfer as receiver system.

> **i** Note
>
> The user is created for outbound communication SAP_COM_0279 in the SAP S/4HANA Cloud system.

Procedure

1. In the SAP S/4HANA system, choose *SAP Menu* > *Tools* > *Administration* > *User Maintenance* > *Users* (transaction **SU01**).
2. On the *User Maintenance: Initial Screen*, in the *User* field, enter the <User-ID> and choose *Create*.
3. Choose the *Address* tab.
4. Make the following entries:

Field Name	User Action and Values	Comments
Last Name	<Last name of user>	
First Name	<First name of user>	

5. Choose the *Logon Data* tab.
6. Make the following entries:

Field Name	User Action and Values	Comments
Password	<Initial password>	
User Type	Dialog	

7. Choose the *Defaults* tab.
8. Make the following entries for the US (example country):

> **i Note**
>
> The following two tables are provided as examples. Modify your entries for your requirements.

Field Name	User Action and Values	Comments
Logon language	EN	
Decimal notation	1,234,567.89	
Date format	MM/DD/YYYY	
Time Zone	<leave blank or enter the same as *Sys.Time Zone*	Using a different timezone as the system timezonecauses activation errors.

9. Make the following entries for DE (example country):

Field Name	User Action and Values	Comments
Logon language	EN	
Decimal notation	1.234.567,89	
Date format	DD.MM.YYYY	
Time Zone	<leave blank or enter the same as *Sys.Time Zone*>	Using a different timezone as the system timezonecauses activation errors.

10. Choose the *Roles* tab.
11. Enter the user role you previously created that contains the necessary authorization profile.
12. Save your entries.

2.2 Define Logical Systems

Purpose

In this activity, you set up the logical systems for sender system. With an installed SAP on-premise system, the logical system is already defined and does not to be defined in this step. Logical systems can also be created for SAP S/4HANA Cloud system.

Procedure

1. In the SAP S/4HANA system, choose *SPRO* > *SAP NetWeaver* > *Application Server* > *IDoc Interface/ Application Link Enabling (ALE)* > *Basic Settings* > *Logical Systems* > *Define Logical Systems*.
2. Choose *Continue* to confirm the dialog box message.
3. On the *Change View: "Logical Systems" Overview* view, choose *New Entries*.
4. On the *New Entries: Overview of Added Entries* view, enter the following settings:

Field Name	Entry Value
Log System	**<SID>CLNT<your Client>** for example, The system ID: **QKX** Your client: **910** Log Systems: **QKXCLNT910**
Name	**<SID>CLNT<your Client>** For example, **QKXCLNT910**

5. Choose *Save*.

2.3 Assign Logical Systems

Purpose

This procedure is only necessary for the SAP on-premise as sender system and only if the defined logical system for the SAP on-premise system is not yet assigned to a client. In an SAP on-premise system, a logical system corresponds to a client.

Procedure

1. In the SAP S/4HANA system, choose *SPRO* > *SAP NetWeaver* > *Application Server* > *IDoc Interface/ Application Link Enabling (ALE)* > *Basic Settings* > *Logical Systems* > *Assign Logical System to Client*.
2. Choose *Continue* to confirm the dialog box message.
3. On *Change View: "Clients" Overview* view, choose *<your client >*.
4. Choose *Details*.
5. On the *Change View "Clients" Details* view, enter the following settings:

Field Name	Entry Value
Log System	**<SID>CLNT<your Client>** The system you created in the previous procedure.

Choose *Save*.

2.4 Create RFC Connections

Purpose

In this activity, you create a Remote Function Call (RFC) destination for the connectivity of the SAP on-premise as the sender system with the SAP S/4HANA Cloud system.

Procedure

1. In the SAP S/4HANA system, enter transaction code **SM59**.
2. Select *HTTP Connections to External Server*(Connection Type G) and choose *Create*.
3. On the *RFC Destination* view, create the following settings:

Field Name	Entry Value
RFC Destination	**<SAP S/4HANA Cloud System ID>CLNT<SAP S/4HANA Client>_COM_278** For example: **CC8CLNT100_COM_278**

4. Choose the *Technical Settings* tab.
5. Make the following entries:

> **i** Note
>
> Use the parameters for the fields you noted in the prerequisites.

Field Name	Entry Value
Target Host	**<HTTP connection to the SAP S/4HANA system** For example: Noted from the previous Configuring Communication Scenarios for SAP_COM_0278 and _0279 procedure.
Service No.	443
Path Prefix	**<Path to select and call the HTTP request handler>** For example: **/sap/bc/srt/IDoc**

6. Choose the *Logon & Security* tab.
7. Make the following entries:

Field Name	Entry Value
Basic Authentication	**<X>** The system you created in the previous procedure.
User	<communication user> that you created in the previous Create Technical Communication User procedure.
Password	<password> that you created for that communication user.

8. Choose the *Status of Secure Protocol* section.
9. Select the *Active*checkbox for *SSL* and create the following settings:

Field Name	Entry Value
SSL Certificate	Choose the SSL Certificate for Integration For example: **ANONYM SSL Client(Anonymous)**

10. Choose *Save*.

> **i** Note
>
> After saving, you can execute a connection test. When the setup is correct, you receive a success notification.

2.5 Create Port for IDOC Processing

Purpose

This procedure is only necessary for the SAP on-premise as the sender system and only if the defined logical system for the SAP on-premise system is not yet assigned to a client. Within an SAP on-premise system, a logical system corresponds to a client.

Procedure

1. In the SAP S/4HANA system, enter transaction Code **WE21**.
2. Select *XML_HTTP* and choose *Create*.
3. On the *Add XML HTTP Port* view, create the following settings:

Field Name	Entry Value
Port	<port> For example: **CC8CLNT100**
Description	<description> For example: RFC Port for CC8CLNT100
RFC Destination	Enter the RFC destination created in the previous step For example: CC8CLNT100_COM_278

Field Name	Entry Value
Content Type	Application/x-sap.idoc
SOAP Protocol	X

4. Choose *Save*.

3 Configuration

3.1 Distributing ALE Master Data from SAP S/4HANA to SAP S/4HANA Cloud

Purpose

In this activity, configuration for the customizing activity to distribute ALE master data from SAP on-premise to the SAP S/4HANA Cloud is described.

In the sender system, you configure the following in the Customizing activity, *Distribute ALE Master Data*. The Customizing activity is located under *Quality Management* > *Environment Tools*.

3.1.1 Manually Maintain Partner Profile

Purpose

In this activity, you manually maintain the generated partner profiles for the sender system.

Procedure

1. in the SAP S/4HANA system, enter transaction Code **WE20**.
2. If the Partner number exists, you can directly choose the relevant partner number. Otherwise, you can perform the next step to create a partner.
3. In the structure, select *Partner Type LS* and choose *Create* to create a partner.
4. Make the following entries:

Field Name	Entry Value
Partner No.	Your SAP S/4HANA cloud system ID For example: ID for cloud system CC8.100
Ty.	us
Agent	Select an existing user you want to use
Lang.	EN

5. In the *Outbound Parameters* section, choose *Create Outbound Parameters* and create two new entries, respectively for the two messages types the following settings: First Entry

Field Name	Entry Value
Receiver Port	The port ID of the receiver system, For example: **CC8CLNT100**
Pack. Size	<Any value> Note: Size of IDoc packets to be sent (unit: IDoc)
Message Type	BAMMAST
Basic Type	BAMMAST03: Use this type for the following scenarios: ○ Replication between SAP S/4HANA 1809 systems ○ Replication between SAP S/4HANA and SAP S/4HANA Cloud BAMMAST02: Use this type for the following scenarios: ○ Replication between SAP S/4HANA 1709 systems ○ Replication between SAP S/4HANA 1709 and SAP S/4HANA 1809 BAMMAST01: Use this type for all other cases.
Output Mode	Select the Pass IDoc Immediately checkbox
IDoc Type	Select the Cancel Processing After Syntax Error checkbox

Second Entry

Field Name	Entry Value
Receiver Port	The port ID of the receiver system, For example: **CC8CLNT100**
Pack. Size	<Any value> Note: Size of IDoc packets to be sent (unit: IDoc)

Field Name	Entry Value
Message Type	HBHBAMAST
Basic Type	HBHBAMAST02: Use this type for the following scenarios: ○ Both the sender and receiver systems are SAP S/4HANA 1709 or higher versions ○ Replication between SAP S/4HANA and SAP S/4HANA Cloud HBHBAMAST01: Use this type in all other cases.
Output Mode	Select the Pass IDoc Immediately checkbox
IDoc Type	Select the Cancel Processing After Syntax Error checkbox

6. Choose *Save*.
7. In the *Inbound Parameters* section, choose *Create Inbound Parameter* and create two new entries, respectively for the two messages types the following settings:

First Entry

Field Name	Entry Value
Partner Role	Keep blank
Message Type	**BAMMAST**
Message code	Keep blank
Message function	Keep blank
Process code	**BAPI**
Cancel Processing After Syntax Error	Selected
Trigger Immediately	Selected

Second Entry

Field Name	Entry Value
Partner Role	Keep blank
Message Type	**HBHBAMAST**
Message code	Keep blank
Message function	Keep blank
Process code	**BAPI**
Cancel Processing After Syntax Error	Selected

Field Name	Entry Value
Trigger Immediately	Selected

8. Choose *Save*.

3.1.2 Object with Change Document: Activate Change Indicators (Generally)

Context

In this activity, you ensure that change pointers are activated.

Procedure

1. In the SAP S/4HANA system, choose *SPRO* > *Quality Management* > *Environment* > *Tools* > *Distribute ALE Master Data*
2. On the *Select Activity* dialog box, double-click *Object with Change Document: Activate Change Indicators (Generally)*.
3. In the *Activate Change Pointers Generally* view, ensure *Change pointers activated (in general)* is selected.

3.1.3 Object with Change Document: Set Up Change Indicators for Table Fields

Context

With this setting, you configure fields in bank account master data that can trigger synchronization from the sender system to the receiver systems.

To register a field, enter the message type BAMMAST or HBHBAMAST, and then specify the corresponding object name as shown in the table below and the field technical name.

You can obtain the technical information about the bank account master data fields from the following table:

Message Type	Object	Tables
HBHBAMAST	FCLM_HOUSEBANK	FCLM_BAM_ACLINK2
		FCLM_BAM_AMD_T
		T012
		T012D
BAMMAST	FCLM_BAM3	FCLM_BAM_ACLINK2
		FCLM_BAM_AMD
		FCLM_BAM_SIG
		FCLM_BAM_AMD_LIM
		FCLM_BAM_AMD_T

Procedure

1. In the SAP S/4HANA system, choose *SPRO* > *Quality Management* > *Environment* > *Tools* > *Distribute ALE Master Data*
2. On the *Select Activity* dialog box, double-click *Object with Change Document: Activate Change Indicators (Generally)*, make sure *Change pointers activated (in general)* checkbox is selected.
3. On the *Select Activity* dialog box, double-click *Object with Change Document: Set Up Change Indicators for Table Fields*.
4. On the *Determine Work Area: Entry* dialog box, enter your *Message Type*:

Field Name	User Action and Values
Message Type	BAMMAST

5. Choose *Continue (Enter)*.
6. On the *Change View "Change document items for message type": Overview* view, choose *New Entries*.
7. On the *New Entries: Overview of Added Entries* view, make the following entries:

Object	Table Name	Field Name
FCLM_BAM3	FCLM_BAM_ACLINK2	ABWAE
FCLM_BAM3	FCLM_BAM_ACLINK2	ACC_ID
FCLM_BAM3	FCLM_BAM_ACLINK2	BANKN
FCLM_BAM3	FCLM_BAM_ACLINK2	BNKN2

Object	Table Name	Field Name
FCLM_BAM3	FCLM_BAM_ACLINK2	BUKRS
FCLM_BAM3	FCLM_BAM_ACLINK2	DTAAI
FCLM_BAM3	FCLM_BAM_ACLINK2	FDGRP
FCLM_BAM3	FCLM_BAM_ACLINK2	GUID
FCLM_BAM3	FCLM_BAM_ACLINK2	HBID1
FCLM_BAM3	FCLM_BAM_ACLINK2	HBID2
FCLM_BAM3	FCLM_BAM_ACLINK2	HBKID
FCLM_BAM3	FCLM_BAM_ACLINK2	HERKU
FCLM_BAM3	FCLM_BAM_ACLINK2	HKID1
FCLM_BAM3	FCLM_BAM_ACLINK2	HKID2
FCLM_BAM3	FCLM_BAM_ACLINK2	HKONT
FCLM_BAM3	FCLM_BAM_ACLINK2	HKTID
FCLM_BAM3	FCLM_BAM_ACLINK2	KEY
FCLM_BAM3	FCLM_BAM_ACLINK2	MINDT
FCLM_BAM3	FCLM_BAM_ACLINK2	REFZL
FCLM_BAM3	FCLM_BAM_ACLINK2	REMOTEACCOUNT
FCLM_BAM3	FCLM_BAM_ACLINK2	VALID_FROM
FCLM_BAM3	FCLM_BAM_ACLINK2	VALID_TO
FCLM_BAM3	FCLM_BAM_ACLINK2	WEKON
FCLM_BAM3	FCLM_BAM_ACLINK2	WIKON
FCLM_BAM3	FCLM_BAM_ACLINK2	WKKON
FCLM_BAM3	FCLM_BAM_AMD	ACC_ID
FCLM_BAM3	FCLM_BAM_AMD	ACC_NUM
FCLM_BAM3	FCLM_BAM_AMD	ACC_TYPE_ID
FCLM_BAM3	FCLM_BAM_AMD	BANKL
FCLM_BAM3	FCLM_BAM_AMD	BANKS

Object	Table Name	Field Name
FCLM_BAM3	FCLM_BAM_AMD	BENEFICIAL
FCLM_BAM3	FCLM_BAM_AMD	BS_UPLOAD_TIME
FCLM_BAM3	FCLM_BAM_AMD	BUKRS
FCLM_BAM3	FCLM_BAM_AMD	CALENDAR
FCLM_BAM3	FCLM_BAM_AMD	CASH_POOL
FCLM_BAM3	FCLM_BAM_AMD	CASH_POOL_ID
FCLM_BAM3	FCLM_BAM_AMD	CASH_POOL_ID_PARTICIPANT
FCLM_BAM3	FCLM_BAM_AMD	CASH_POOL_TARGET_AMT_MAX
FCLM_BAM3	FCLM_BAM_AMD	CASH_POOL_TARGET_AMT_MIN
FCLM_BAM3	FCLM_BAM_AMD	CASH_POOL_TRANSFER_AMT_MIN
FCLM_BAM3	FCLM_BAM_AMD	CLOSED_AT_DAT
FCLM_BAM3	FCLM_BAM_AMD	CLOSED_AT_TIM
FCLM_BAM3	FCLM_BAM_AMD	CLOSED_BY
FCLM_BAM3	FCLM_BAM_AMD	CONTROL_KEY
FCLM_BAM3	FCLM_BAM_AMD	CREATED_AT
FCLM_BAM3	FCLM_BAM_AMD	CREATED_AT_DAT
FCLM_BAM3	FCLM_BAM_AMD	CREATED_AT_TIM
FCLM_BAM3	FCLM_BAM_AMD	CREATED_BY
FCLM_BAM3	FCLM_BAM_AMD	CUTOFF_TIME_C
FCLM_BAM3	FCLM_BAM_AMD	CUTOFF_TIME_D
FCLM_BAM3	FCLM_BAM_AMD	EDBSUM
FCLM_BAM3	FCLM_BAM_AMD	GSBER
FCLM_BAM3	FCLM_BAM_AMD	IBAN
FCLM_BAM3	FCLM_BAM_AMD	IBAN_VALID_FROM
FCLM_BAM3	FCLM_BAM_AMD	IDBSUM
FCLM_BAM3	FCLM_BAM_AMD	IMPORTING_CHANNEL

Object	Table Name	Field Name
FCLM_BAM3	FCLM_BAM_AMD	OPENED_AT
FCLM_BAM3	FCLM_BAM_AMD	OPENED_AT_DAT
FCLM_BAM3	FCLM_BAM_AMD	OPENED_AT_TIM
FCLM_BAM3	FCLM_BAM_AMD	OPENED_BY
FCLM_BAM3	FCLM_BAM_AMD	PAYMENT_METHOD_L
FCLM_BAM3	FCLM_BAM_AMD	PAYMENT_METHOD_P
FCLM_BAM3	FCLM_BAM_AMD	PAYMENT_SERVICE_PROVIDER
FCLM_BAM3	FCLM_BAM_AMD	PLANNED_CLOSING_DATE
FCLM_BAM3	FCLM_BAM_AMD	PRCTR
FCLM_BAM3	FCLM_BAM_AMD	RECONCILE_INTRADAY
FCLM_BAM3	FCLM_BAM_AMD	REVIEWED_AT
FCLM_BAM3	FCLM_BAM_AMD	REVIEWED_BY
FCLM_BAM3	FCLM_BAM_AMD	SEGMENT
FCLM_BAM3	FCLM_BAM_AMD	STATUS
FCLM_BAM3	FCLM_BAM_AMD	TOLERANCE_GROUP
FCLM_BAM3	FCLM_BAM_AMD	UPLOAD_BS_FLAG
FCLM_BAM3	FCLM_BAM_AMD	VALID_FROM
FCLM_BAM3	FCLM_BAM_AMD	VALID_TO
FCLM_BAM3	FCLM_BAM_AMD	WAERS
FCLM_BAM3	FCLM_BAM_AMD_LIM	ACC_ID
FCLM_BAM3	FCLM_BAM_AMD_LIM	AMOUNT
FCLM_BAM3	FCLM_BAM_AMD_LIM	DELETED_FLAG
FCLM_BAM3	FCLM_BAM_AMD_LIM	KEY
FCLM_BAM3	FCLM_BAM_AMD_LIM	LIM_ID
FCLM_BAM3	FCLM_BAM_AMD_LIM	VALID_FROM
FCLM_BAM3	FCLM_BAM_AMD_LIM	VALID_TO

Object	Table Name	Field Name
FCLM_BAM3	FCLM_BAM_AMD_LIM	WAERS
FCLM_BAM3	FCLM_BAM_AMD_T	ACC_ID
FCLM_BAM3	FCLM_BAM_AMD_T	DELETED_FLAG
FCLM_BAM3	FCLM_BAM_AMD_T	DESCRIPTION
FCLM_BAM3	FCLM_BAM_AMD_T	KEY
FCLM_BAM3	FCLM_BAM_AMD_T	LANGU
FCLM_BAM3	FCLM_BAM_SIG	APPROVAL_IS_UNLIMITED
FCLM_BAM3	FCLM_BAM_ACLINK2	OLD_HKONT
FCLM_BAM3	FCLM_BAM_ACLINK2	MIGRATION_STATUS
FCLM_BAM3	FCLM_BAM_ACLINK2	BANK_ACCOUNT_AUTH_GROUP
FCLM_BAM3	FCLM_BAM_ACLINK2	NETTING_GROUP
FCLM_BAM3	FCLM_BAM_ACLINK2	TOGRU
FCLM_BAM3	FCLM_BAM_ACLINK2	XSPEB
FCLM_BAM3	FCLM_BAM_ACLINK2	POSTING_BLOCK_DATE
FCLM_BAM3	FCLM_BAM_ACLINK2	TARGET_HKONT
FCLM_BAM3	FCLM_BAM_ACLINK2	BALANCE_TRANSFER_DATE
FCLM_BAM3	FCLM_BAM_ACLINK2	NEW_BACL_FLAG

8. Choose *Save*.
9. Choose *Back*.
10. For message type HBHBAMAST, repeat step 3–8, making the following entries:

Object	Table Name	Field Name
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	ABWAE
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	ACC_ID
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	BANKN
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	BNKN2
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	BUKRS

Object	Table Name	Field Name
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	DTAAI
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	FDGRP
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	GUID
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	HBID1
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	HBID2
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	HBKID
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	HERKU
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	HKID1
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	HKID2
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	HKONT
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	HKTID
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	KEY
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	MINDT
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	REFZL
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	REMOTEACCOUNT
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	VALID_FROM
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	VALID_TO
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	WEKON
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	WIKON
FCLM_HOUSEBANK	FCLM_BAM_ACLINK2	WKKON
FCLM_HOUSEBANK	FCLM_BAM_AMD_T	ACC_ID
FCLM_HOUSEBANK	FCLM_BAM_AMD_T	DELETED_FLAG
FCLM_HOUSEBANK	FCLM_BAM_AMD_T	DESCRIPTION
FCLM_HOUSEBANK	FCLM_BAM_AMD_T	KEY
FCLM_HOUSEBANK	FCLM_BAM_AMD_T	LANGU
FCLM_HOUSEBANK	T012	BANKL

Object	Table Name	Field Name
FCLM_HOUSEBANK	T012	BANKS
FCLM_HOUSEBANK	T012	BUKRS
FCLM_HOUSEBANK	T012	BUPLA
FCLM_HOUSEBANK	T012	HBKID
FCLM_HOUSEBANK	T012	NAME1
FCLM_HOUSEBANK	T012	SPRAS
FCLM_HOUSEBANK	T012	STCD1
FCLM_HOUSEBANK	T012	TELF1
FCLM_HOUSEBANK	T012D	BUKRS
FCLM_HOUSEBANK	T012D	DTAWS
FCLM_HOUSEBANK	T012D	DTBID
FCLM_HOUSEBANK	T012D	DTFIN
FCLM_HOUSEBANK	T012D	DTGBK
FCLM_HOUSEBANK	T012D	DTGBL
FCLM_HOUSEBANK	T012D	DTGIS
FCLM_HOUSEBANK	T012D	DTGKO
FCLM_HOUSEBANK	T012D	DTGKT
FCLM_HOUSEBANK	T012D	DTGLZ
FCLM_HOUSEBANK	T012D	DTKID
FCLM_HOUSEBANK	T012D	DTLBE
FCLM_HOUSEBANK	T012D	DTLBR
FCLM_HOUSEBANK	T012D	DTLFI
FCLM_HOUSEBANK	T012D	DTVTA
FCLM_HOUSEBANK	T012D	DTXBB
FCLM_HOUSEBANK	T012D	DTXMS
FCLM_HOUSEBANK	T012D	EDIPN

Object	Table Name	Field Name
FCLM_HOUSEBANK	T012D	EDISN
FCLM_HOUSEBANK	T012D	HBKID
FCLM_HOUSEBANK	T012D	XBABE
FCLM_HOUSEBANK	T012D	XBEGU
FCLM_HOUSEBANK	T012D	XBRIE
FCLM_HOUSEBANK	T012D	XDRAH
FCLM_HOUSEBANK	T012D	XKOBA

3.1.4 Object with Change Document: Activate Change Indicators for Message Type

Use

In this activity, you activate the change indicators for the message type.

Procedure

1. In the SAP S/4HANA system, choose *SPRO* > *Quality Management* > *Environment* > *Tools* > *Distribute ALE Master Data*
2. On the *Select Activity* dialog box, double-click *Object with Change Document: Activate Change Indicators for Message Type*.
3. On the *Change View "Activate Change pointers for Message Type": Overview* view, choose *New Entries*.
4. On the *New Entries: Overview of Added Entries* screen, make the following entries:

Msg.Type	Active
BAMMAST	x
HBHBAMAST	x

5. Choose *Save*.

3.1.5 Object with Change Document: Maintain Additional Data for Message Type

Use

In this activity, you maintain additional data for the message types.

Procedure

1. In the SAP S/4HANA system, choose *SPRO* > *Quality Management* > *Environment* > *Tools* > *Distribute ALE Master Data*
2. On the *Select Activity* dialog box, double-click the activity.
3. If the *Information* dialog box is displayed, choose *Object with Change Document: Maintain Additional Data for Message Type*and press *Enter* to confirm it.

   > **i** Note
   >
   > Ensure you have full authorization to define the customizing.

4. On the *Change View "Additional Data for Message Type": Overview* screen, choose *New Entries*.
5. On the *New Entries: Details of Added Entries* view, make the following entries:
   First Entry

Field Name	Entry Value
Message Type	BAMMAST
Reference Message Type	
Format Function Module	MASTERIDOC_CREATE_SMD_BAMMAST
Reducible Message Type	Deselect the checkbox

   Second Entry

Field Name	Entry Value
Message Type	HBHBAMAST
Reference Message Type	HBHBAMAST
Format Function Module	MASTERIDOC_CREATE_SMD_HBANK

Field Name	Entry Value
Reducible Message Type	Select the checkbox

6. Choose *Save*.

3.2 Configuring Transaction DRFIMG from SAP S/4HANA to SAP S/4HANA Cloud

Use

In this section, you configure the transaction DRFIMG from SAP on-premise to SAP S/4HANA Cloud. In the sender system, follow these procedures using settings for transaction DRFIMG.

3.2.1 Define Business Systems

Purpose

In this activity, you configure the business system.

Procedure

1. In the SAP S/4HANA system, choose *DRFIMG* > *Data Replication* > *Define Custom Settings for Data Replication* > *Define Technical Setting* > *Define Technical Setting for Business Systems*
2. Choose *New Entries*.
3. Maintain the following fields for the *Business System*:

Field Name	Entry Value
Business System	<Business system name> For example: **CC8CLNT100**

Field Name	Entry Value
Logical System	<Logical System> as defined in the previous *Define Logical Systems* procedure in the configuration prerequisites. For example: **CC8CLNT100**

4. Choose *Save*.

3.2.2 Define Replication Model

Use

In this activity, you configure the Replication Model.

Procedure

1. In the SAP S/4HANA system, choose *DRFIMG* > *Data Replication* > *Define Custom Settings for Data Replication* > *Define Replication Models*
2. Choose *New Entries*.
3. Maintain the following fields for the material replication model:

Field Name	Entry Value
Replication Model	<Replication model name> For example: **BAMMAST**
Description	<Description of replication model> For example: **Bank Account and House bank account**
Log Days	<Days After which an Application Log Expires> For example: **1**

4. Select the replication model that you maintained and double-click *Assign Outbound Implementation*.
5. Choose *New Entries* to maintain the corresponding outbound implementation for the replication model, **BAMMAST_RM**.
6. Choose *Enter* to continue.
7. Select the outbound implementation that you maintained and double-click *Assign Target Systems for Repl. Model/Outb.Impl*.

8. Choose *New Entries* to specify the *Business System* you defined in previous procedures.
9. Choose *Save*.
10. Go back to the *Define Replication Model* view and select the replication model you just created.
11. Choose *Activate*.
12. To create Replication Model **HBHBA_RM** Repeat step 2–10 using the following settings:

Field Name	Entry Value
Replication Model	**<Replication model name>** For example: **HBHBA_RM**
Description	**<Description of replication model>** For example: House Bank Master Data Replicate
Log Days	**<Days After Which an Application Log Expires>** Example: **1**
Outbound Implementation	**<Outbound Implementation>** **HBANK_IMP**

3.2.3 Define Business Object Settings

Use

In this step, you define settings for business objects. You can indicate the ALE message type to be used for each business object, and you can determine the retention period for change pointers related to the business object.

Procedure

1. In the SAP S/4HANA system, choose *DRFIMG* > *Data Replication* > *Define Custom Settings for Data Replication* > *Define Business Object Setting*.
2. On the *Change View "Define Business Object Settings": Overview* view, choose *New Entries*.
3. On the *New Entries: Overview of Added Entries* view, make the following entries and choose *Save*:

Business Object Type	Message Type	Retention Period
BAMMAST	BAMMAST	100
HBHBA_OBJ	HBHBAMAST	100

3.2.4 Review Settings for Replication Mode

Use

This Business Add-In (BAdI) is used in the Data Replication Framework (CA-MDP-DRF) component. You can use this BAdI to create Master Data Governance change pointers from ALE change pointers for selected message types.

Procedure

1. In the SAP S/4HANA system, choose *DRFIMG* > *Data Replication* > *Business Add-Ins(BAdIs)* > *BAdI: Creation of MDG Change Pointers from ALE Change Pointers*
2. On the dialog box, ensure that the *DRF_CP_PROCESSING* implementation is active.

3.3 Maintain Partner Profile from SAP S/4HANA Cloud to ECC

Use

In this activity, you manually maintain the generated Partner Profiles in the receiver system.

Procedure

1. In the SAP S/4HANA system, enter transaction code **WE20**.

2. If the *Partner No.* already exists, choose that *Partner No.* and skip to step 4.When the partner must be created, proceed to the next step to create a partner.
3. Open the *Partner Type LS* node and choose *Create* and then make the following entries to create a partner:

Field Name	Entry Value
Partner No.	**<your SAP S/4HANA system ID>** For example: **CC8CLNT100**
Ty.	**us**
Agent	Select a user from the input value
Lang.	**EN**

4. In the *Inbound Parameters* section, create two new entries respectively for the two messages types with the following information: **First Entry**

Field Name	Entry Value
Message Type	BAMMAST
Process Code	BAPI
Cancel Processing After Syntax Error	X
Trigger Immediately	X

Second Entry

Field Name	Entry Value
Message Type	HBHBAMAST
Process Code	BAPI
Cancel Processing After Syntax Error	X
Trigger Immediately	X

5. Choose *Save*.

3.4 Configure IDOC SOAP Processor for Inbound Communication

Use

In this activity, you manually check if ICF node /sap/bc/srt/idoc is activated in the receiver system. If not, activate this ICF node.

Procedure

1. Access the transaction using the following transaction code: in the SAP S/4HANA system, transaction Code SICF.
2. In the *Define Services* screen, make the following entries and choose *Execute*.

Field Name	Entry Value
Service Path	**`/sap/bc/srt/IDoc`**

3. Under *Virtual Hosts/Services*, find the node *IDoc Inbound SOAP for IDoc .*
4. Check if the ICF node is activated. If not, right-click *IDoc* and choose *Activate Service.*

3.5 Activate AIF Content

Use

In the OP environment the activation of the AIF content must be triggered manually by running the report /AIF/CONTENT_EXTRACT_NEW via transaction /AIF/CONTENT_EXTRACT. No badi implementation required.

Procedure

1. In the S/4HANA system, enter *transaction code* **`/AIF/CONTENT_EXTRACT`**.

2. In the *AIF Content Transport - Deploy* view, make the following entries :

Field Name	Entry Value
Deployment Scenario	For example: SAP_COM_0278 SAP_COM_0279
Other parameters	Deselected

3. Choose *Execute* (F8).

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