

# SAP Connector to eBAgent Business Scenario Descriptions



**Release 1.0**



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Icon	Meaning
	Caution
	Example
	Note
	Recommendation
	Syntax

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## Typographic Conventions

Type Style	Description
<i>Example text</i>	Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options.  Cross-references to other documentation.
<b>Example text</b>	Emphasized words or phrases in body text, graphic titles, and table titles.
EXAMPLE TEXT	Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE.
Example text	Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.
<b>Example text</b>	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example text>	Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.
EXAMPLE TEXT	Keys on the keyboard, for example, F2 or ENTER.

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## SAP Connector to eBAgent: Business Scenario Descriptions

SAP Connector to eBAgent is an add-on application to SAP ERP and SAP NetWeaver Process Integration (SAP PI). It works as a connector to eBAgent service which is provided by NTT Data Corporation and enables a business-to-business connection to support automated online banking activities between SAP ERP/SAP PI and eBAgent.

SAP Connector to eBAgent facilitates the corporate customers' banking activities, improves efficiency, and mitigates risks by avoiding manual processing.

To support and accelerate the implementation of SAP Connector to eBAgent, the following tree business scenarios are delivered:

- Online Activity  
In this business scenario you will execute various online banking activities using SAP Connector to eBAgent.
- ZENGIN File Transfer Activity  
In this business scenario you will execute various file-based banking activities that take place based on the Japanese banking data transmission protocol "ZENGIN" using SAP Connector to eBAgent.
- Task Management  
In this business scenario you will execute various task monitoring activities using SAP Connector to eBAgent.

### Prerequisites

You can implement this business scenario with different releases of the relevant application components. However, only certain combinations are valid. For more information, see:

- Master Guide for SAP Connector to eBAgent on SAP Service Marketplace at <http://service.sap.com/instguides>
- Scenario & Process Component List on SAP Service Marketplace at <http://service.sap.com/scl>

### Process

Under the three business scenarios, the following business processes are provided:

#### Online Activity

1. [Inquiry of Account Balances](#) [Page 8]
2. [\(Re-\)Inquiry of Account Statements](#) [Page 13]
3. [Requesting Fund Transfers](#) [Page 18]
4. [Requesting Cancellation of Fund Transfers](#) [Page 24]
5. [Requesting Cash Concentrations \(Directly\)](#) [Page 29]
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7. [Requesting Cash Distributions \(Directly\)](#) [Page 39]

8. [Requesting Cash Distributions \(via Simulation\)](#) [Page 43]

#### **ZENGIN File Transfer Activity**

1. [Requesting ZENGIN File-based Inquiry Activities](#) [Page 48]
2. [Requesting ZENGIN File-based Notification Activities](#) [Page 53]

#### **Task Management**

1. [Inquiry of Request Details](#) [Page 58]
2. [Confirming Result](#) [Page 61]
3. [Re-Processing of Activity Request Task](#) [Page 64]
4. [Changing Priority](#) [Page 67]
5. [Inquiry of Reception IDs](#) [Page 70]



## Inquiry of Account Balances

You can use this business process to inquire an account balance for the current day, the previous day or the previous month end.

### Prerequisites

- You have installed SAP Connector to eBAgent on the SAP ERP system and the SAP NetWeaver Process Integration (SAP PI) system. For more information, refer to the SAP Note for installation and the implementation procedure that are described in the master guide for SAP Connector to eBAgent which is available on SAP Service Marketplace at <http://service.sap.com/instguides>.
- For the use of SAP Connector to eBAgent, the following configuration related prerequisites have to be fulfilled:

- For SAP Connector to eBAgent on SAP PI system, you have completed the required configuration settings that are delivered as the Solution Manager content for SAP Connector to eBAgent.

The configuration topics for SAP Connector to eBAgent can be found in the Solution Manager content for ► *SAP Connector to eBAgent* → *Configuration* → *SAP Connector to eBAgent 1.0* → *Basic Settings* ◀.

- For SAP Connector to eBAgent on SAP ERP system, you have maintained the solution-specific Customizing settings for SAP Connector to eBAgent.

The Customizing activities for SAP Connector to eBAgent are located in the SAP Reference IMG (transaction `SPRO`) under ► *SAP Customizing Implementation Guide* → *Cross-Application Components* → *Connector to eBAgent* ◀.



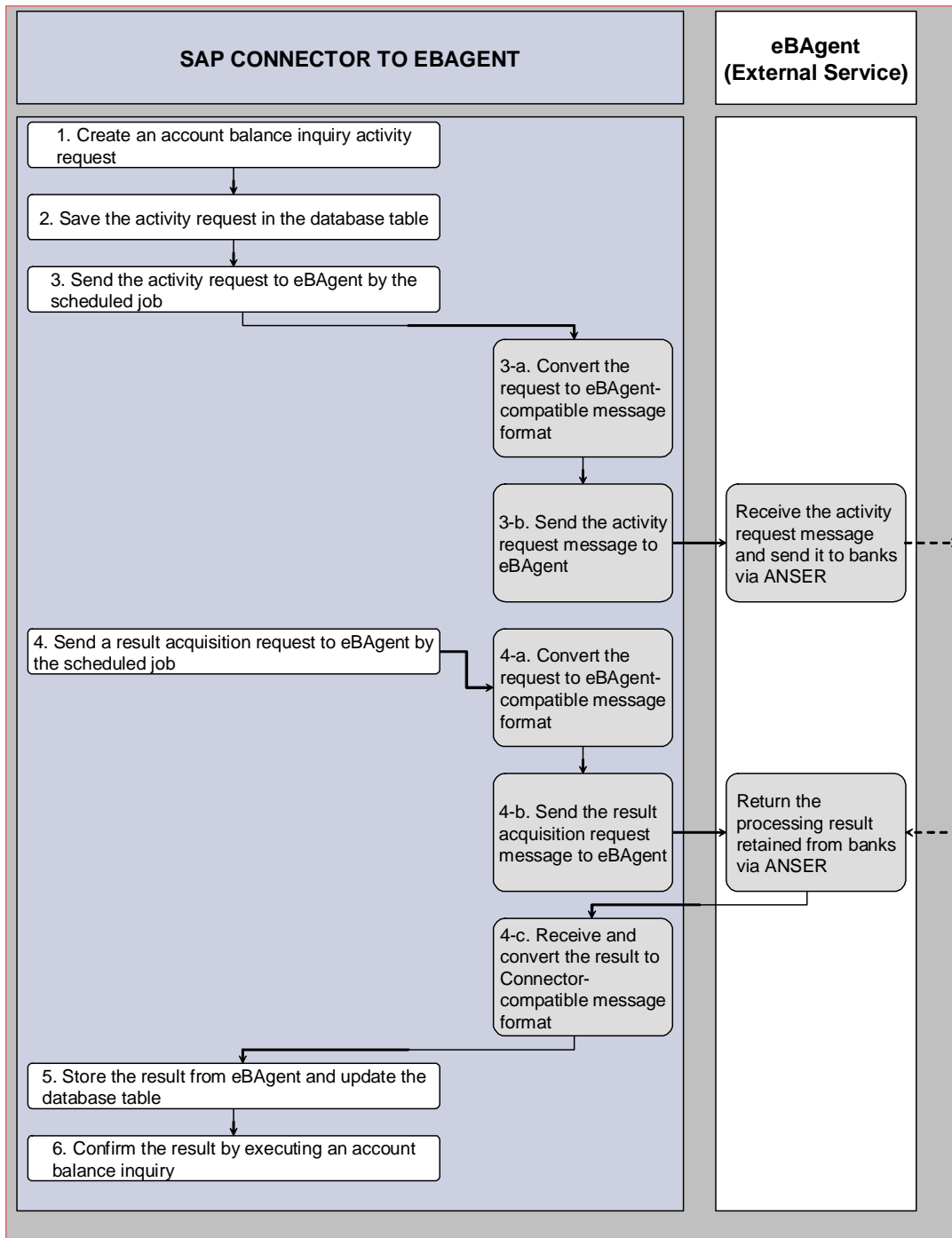
The configuration and Customizing settings which are required for the realization of this particular business process and its business process steps can be found on the corresponding *Configuration* tab for the business process or business process step in the Solution Manager content for SAP Connector to eBAgent.

- To use the functions offered by SAP Connector to eBAgent, it is a prerequisite that you are able to use the eBAgent service which is offered by NTT Data Corporation (NTT Data). You need to make a separate application to NTT Data for using this service in advance.



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## Process




In the *SAP Connector to eBAGENT* swim lane of the above component view, the business process steps (boxes in white) located in the left side of the lane are executed in SAP Connector to eBAGENT on SAP ERP system, while the business process steps (boxes in gray) located in the right side of the lane are executed in SAP Connector to eBAGENT on SAP PI system.

In this business process description, the business process steps which are executed in SAP Connector to eBAgent on SAP ERP will be described in detail. The business process steps which are marked in gray in the above component view, namely, the steps executed in SAP Connector to eBAgent on SAP PI and in eBAgent are presented here as a reference for a better understanding of overall picture of this business process.

The business process runs as follows:

1. Create an account balance inquiry activity request (SAP Connector to eBAgent on SAP ERP)

Execute transaction `/NTTDATA/EB_T1100`, then the *Account Balance Inquiry: Request Creation (Online)* screen (program `/NTTDATA/EB_BNKACCBLNC`) appears.

You enter the selection criteria to search for accounts and press the  (*Execute*) icon.

On the *Account Balance Inquiry: Request Confirmation* screen, select the accounts, for which you want to make an inquiry, from the list of the accounts that match your search criteria.

Enter a text of your choice for the *Task Name* and press either *Current*, *Pre-day* or *Pre-mon* button. An activity request task is created and the corresponding task ID number is displayed in a pop-up.



The account balance inquiry request can be created also in background.

In case of a background execution, use transaction `/NTTDATA/EB_T1100_BK` to call the *Account Balance Inquiry: Request Creation (Background)* screen (program `/NTTDATA/EB_BATCH_TASK`) instead.

2. Save the activity request in the database table (SAP Connector to eBAgent on SAP ERP)

By pressing either *Current*, *Pre-day* or *Pre-mon* button in the above Step 1, the activity request is now saved and the following database tables are updated.

Table Name	Table Title
<code>/NTTDATA/EBT_101</code>	Account Balance/Account Statement Inquiry - Request Info.
<code>/NTTDATA/EBT_001</code>	Task Management

3. Send the activity request to eBAgent by the scheduled job (SAP Connector to eBAgent on SAP ERP)

The activity request which has been created and saved in SAP Connector to eBAgent on SAP ERP system will be send to eBAgent (via SAP Connector to eBAgent on SAP PI system) by the periodically scheduled *Task: Request Sending* program (`/NTTDATA/EB_INQUIRY_REQUEST`).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for  *Connector to eBAgent* → *Job Settings* → *Define Activity Request/Result Acquisition Jobs* .

At this point, the following steps are executed automatically in SAP Connector to eBAgent on SAP PI system:

- 3–a. Convert the request to eBAgent-compatible message format (SAP Connector to eBAgent on SAP PI)
  - 3–b. Send the activity request message to eBAgent (SAP Connector to eBAgent on SAP PI)
4. Send a result acquisition request to eBAgent by the scheduled job (SAP Connector to eBAgent on SAP ERP)

The result acquisition request from SAP Connector to eBAgent on SAP ERP system will be send to eBAgent (via SAP Connector to eBAgent on SAP PI system) by the periodically scheduled *Task: Result Acquisition* program (/NTTDDATA/EB\_RESULT\_REQUEST).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for  *Connector to eBAgent* → *Job Settings* → *Define Activity Request/Result Acquisition Jobs* .

At this point, the following steps are executed automatically in SAP Connector to eBAgent on SAP PI system:


- 4–a. Convert the request to eBAgent-compatible message format (SAP Connector to eBAgent on SAP PI)
  - 4–b. Send the result acquisition request message to eBAgent (SAP Connector to eBAgent on SAP PI)
  - 4–c. Receive and convert the result to Connector-compatible message format (SAP Connector to eBAgent on SAP PI)
5. Store the result from eBAgent and update the database table (SAP Connector to eBAgent on SAP ERP)

The result which is acquired from eBAgent is now saved and the following database tables are updated.

Table Name	Table Title
/NTTDDATA/EBT_122	Account Balance Inquiry (Result)
/NTTDDATA/EBT_001	Task Management
/NTTDDATA/EBT_002	Task Management (Result)
/NTTDDATA/EBT_003	Task Management (Result) – Account Information
/NTTDDATA/EBT_004	Bank Message (Result Message from Bank)

6. Confirm the result by executing an account balance inquiry (SAP Connector to eBAgent on SAP ERP)

Execute transaction /NTTDDATA/EB\_T1100\_D, then the *Account Balance Inquiry: Result Inquiry* screen (program /NTTDDATA/EB\_BLNC\_DETAIL) appears.

You enter the selection criteria to search for accounts and an activity code or activity codes (1100 = current balance, 1110 = previous day balance, 1120 = previous month end balance), then press the  (*Execute*) icon.

The account balance will be displayed.

### **More Information**

For more information, see the Application Help for SAP Connector to eBAgent in SAP Help Portal at <http://help.sap.com> under ► *SAP for Industries* → *SAP for Banking* → *SAP Connector to eBAgent* → *Account Balance Inquiry* ◀.



## (Re-)Inquiry of Account Statements

You can use this business process to inquire the details of a specific bank account. Using the re-inquiry function, you can inquire the account details again.

### Prerequisites

- You have installed SAP Connector to eBAgent on the SAP ERP system and the SAP NetWeaver Process Integration (SAP PI) system. For more information, refer to the SAP Note for installation and the implementation procedure that are described in the master guide for SAP Connector to eBAgent which is available on SAP Service Marketplace at <http://service.sap.com/instguides>.
- For the use of SAP Connector to eBAgent, the following configuration related prerequisites have to be fulfilled:

- For SAP Connector to eBAgent on SAP PI system, you have completed the required configuration settings that are delivered as the Solution Manager content for SAP Connector to eBAgent.

The configuration topics for SAP Connector to eBAgent can be found in the Solution Manager content for ► *SAP Connector to eBAgent* → *Configuration* → *SAP Connector to eBAgent 1.0* → *Basic Settings* ◀.

- For SAP Connector to eBAgent on SAP ERP system, you have maintained the solution-specific Customizing settings for SAP Connector to eBAgent.

The Customizing activities for SAP Connector to eBAgent are located in the SAP Reference IMG (transaction `SPRO`) under ► *SAP Customizing Implementation Guide* → *Cross-Application Components* → *Connector to eBAgent* ◀.



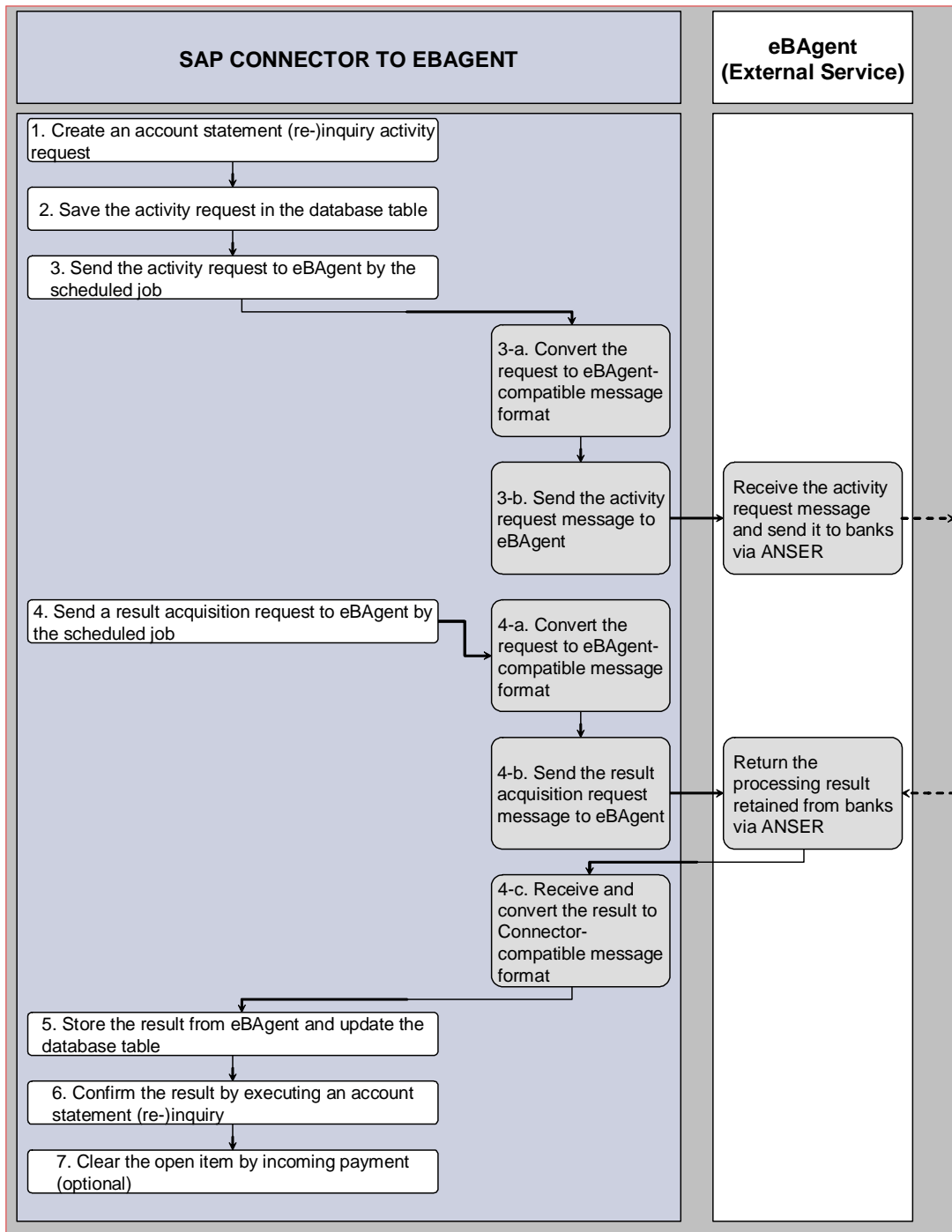
The configuration and Customizing settings which are required for the realization of this particular business process and its business process steps can be found on the corresponding *Configuration* tab for the business process or business process step in the Solution Manager content for SAP Connector to eBAgent.

- To use the functions offered by SAP Connector to eBAgent, it is a prerequisite that you are able to use the eBAgent service which is offered by NTT Data Corporation (NTT Data). You need to make a separate application to NTT Data for using this service in advance.



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## Process




In the *SAP Connector to eBAGENT* swim lane of the above component view, the business process steps (boxes in white) located in the left side of the lane are executed in SAP Connector to eBAGENT on SAP ERP system, while the business process steps (boxes in gray) located in the right side of the lane are executed in SAP Connector to eBAGENT on SAP PI system.

In this business process description, the business process steps which are executed in SAP Connector to eBAgent on SAP ERP will be described in detail. The business process steps which are marked in gray in the above component view, namely, the steps executed in SAP Connector to eBAgent on SAP PI and in eBAgent are presented here as a reference for a better understanding of overall picture of this business process.

The business process runs as follows:

1. Create an account statement (re-)inquiry activity request (SAP Connector to eBAgent on SAP ERP)

Execute transaction `/NTTDDATA/EB_T1200`, then the *Account Statement (Re-)Inquiry: Request Creation (Online)* screen (program `/NTTDDATA/EB_BANKSTATEMENT`) appears.

You enter the selection criteria to search for accounts and press the  (Execute) icon.

On the *Account Statement (Re-)Inquiry: Request Confirmation* screen, select the accounts, for which you want to make an inquiry, from the list of the accounts that match your search criteria.

Press either *Inquiry* or *Re-Inquiry* button.

On the *Account Statement (Re-)Inquiry: Request Sending* screen, enter a text of your choice for the *Task Name* and press the *Send* button.

An activity request task is created and the corresponding task ID number is displayed in a pop-up.



The account statement **inquiry** request can be created also in background.

In case of a background execution, use transaction `/NTTDDATA/EB_T1200_BK` to call the *Account Statement Inquiry: Request Creation (Background)* screen (program `/NTTDDATA/EB_BATCH_TASK`) instead.

The background option is not available for creating an account statement **re-inquiry** request.

2. Save the activity request in the database table (SAP Connector to eBAgent on SAP ERP)

By pressing the *Send* button in the above Step 1, the activity request is now saved and the following database tables are updated.

Table Name	Table Title
<code>/NTTDDATA/EBT_101</code>	Account Balance/Account Statement Inquiry - Request Info.
<code>/NTTDDATA/EBT_001</code>	Task Management

3. Send the activity request to eBAgent by the scheduled job (SAP Connector to eBAgent on SAP ERP)

The activity request which has been created and saved in SAP Connector to eBAgent on SAP ERP system will be send to eBAgent (via SAP Connector to eBAgent on SAP PI system) by the periodically scheduled *Task: Request Sending* program (`/NTTDDATA/EB_INQUIRY_REQUEST`).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for ► *Connector to eBAgent* → *Job Settings* → *Define Activity Request/Result Acquisition Jobs* ◀.

At this point, the following steps are executed automatically in SAP Connector to eBAgent on SAP PI system:

- 3–a. Convert the request to eBAgent-compatible message format (SAP Connector to eBAgent on SAP PI)
  - 3–b. Send the activity request message to eBAgent (SAP Connector to eBAgent on SAP PI)
4. Send a result acquisition request to eBAgent by the scheduled job (SAP Connector to eBAgent on SAP ERP)

The result acquisition request from SAP Connector to eBAgent on SAP ERP system will be send to eBAgent (via SAP Connector to eBAgent on SAP PI system) by the periodically scheduled *Task: Result Acquisition* program (/NTTDDATA/EB\_RESULT\_REQUEST).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for ► *Connector to eBAgent* → *Job Settings* → *Define Activity Request/Result Acquisition Jobs* ◀.

At this point, the following steps are executed automatically in SAP Connector to eBAgent on SAP PI system:


- 4–a. Convert the request to eBAgent-compatible message format (SAP Connector to eBAgent on SAP PI)
  - 4–b. Send the result acquisition request message to eBAgent (SAP Connector to eBAgent on SAP PI)
  - 4–c. Receive and convert the result to Connector-compatible message format (SAP Connector to eBAgent on SAP PI)
5. Store the result from eBAgent and update the database table (SAP Connector to eBAgent on SAP ERP)

The result which is acquired from eBAgent is now saved and the following database tables are updated.

Table Name	Table Title
/NTTDDATA/EBT_121	Account Statement Inquiry (Result)
/NTTDDATA/EBT_001	Task Management
/NTTDDATA/EBT_002	Task Management (Result)
/NTTDDATA/EBT_003	Task Management (Result) – Account Information
/NTTDDATA/EBT_004	Bank Message (Result Message from Bank)

6. Confirm the result by executing an account statement (re-)inquiry (SAP Connector to eBAgent on SAP ERP)


Execute transaction /NTTDATA/EB\_T1200\_D, then the *Account Statement (Re-)Inquiry: Result Inquiry* screen (program /NTTDATA/EB\_STATEMENT\_DET) appears.

You enter the selection criteria to search for accounts and press the  (Execute) icon.

The account statement will be displayed.

7. Clear the open item by incoming payment (optional) (SAP Connector to eBAgent on SAP ERP)

Execute transaction /NTTDATA/EB\_T8000, then the *Automatic Incoming Payment Clearing* screen (program /NTTDATA/EB\_CLEARING) appears.

You enter the selection criteria to search for accounts and press the  (Execute) icon.

On the *Automatic Incoming Payment Clearing: Target Account Confirmation* screen, select the accounts, for which you want to execute the clearing, from the list of the accounts that match your search criteria, then press the *Run Clearing* button.

Press the *Yes* button on the confirmation pop-up, then the SAP ERP Financials standard clearing program *Import Bank Statement: ZENGINKYO (Japan)* (RFEBJP00) will be called.

Using this program, the receivables data in the SAP Connector to eBAgent system can be cleared.

## More Information

For more information, see the Application Help for SAP Connector to eBAgent in SAP Help Portal at <http://help.sap.com> under **SAP for Industries** → *SAP for Banking* → *SAP Connector to eBAgent* → *Account Statement Inquiry* ←.



## Requesting Fund Transfers

You can use this business process to make money transfer transactions across bank accounts.

### Prerequisites

- You have installed SAP Connector to eBAgent on the SAP ERP system and the SAP NetWeaver Process Integration (SAP PI) system. For more information, refer to the SAP Note for installation and the implementation procedure that are described in the master guide for SAP Connector to eBAgent which is available on SAP Service Marketplace at <http://service.sap.com/instguides>.

- For the use of SAP Connector to eBAgent, the following configuration related prerequisites have to be fulfilled:

- For SAP Connector to eBAgent on SAP PI system, you have completed the required configuration settings that are delivered as the Solution Manager content for SAP Connector to eBAgent.

The configuration topics for SAP Connector to eBAgent can be found in the Solution Manager content for ► *SAP Connector to eBAgent* → *Configuration* → *SAP Connector to eBAgent 1.0* → *Basic Settings* ◀.

- For SAP Connector to eBAgent on SAP ERP system, you have maintained the solution-specific Customizing settings for SAP Connector to eBAgent.

The Customizing activities for SAP Connector to eBAgent are located in the SAP Reference IMG (transaction `SPRO`) under ► *SAP Customizing Implementation Guide* → *Cross-Application Components* → *Connector to eBAgent* ◀.



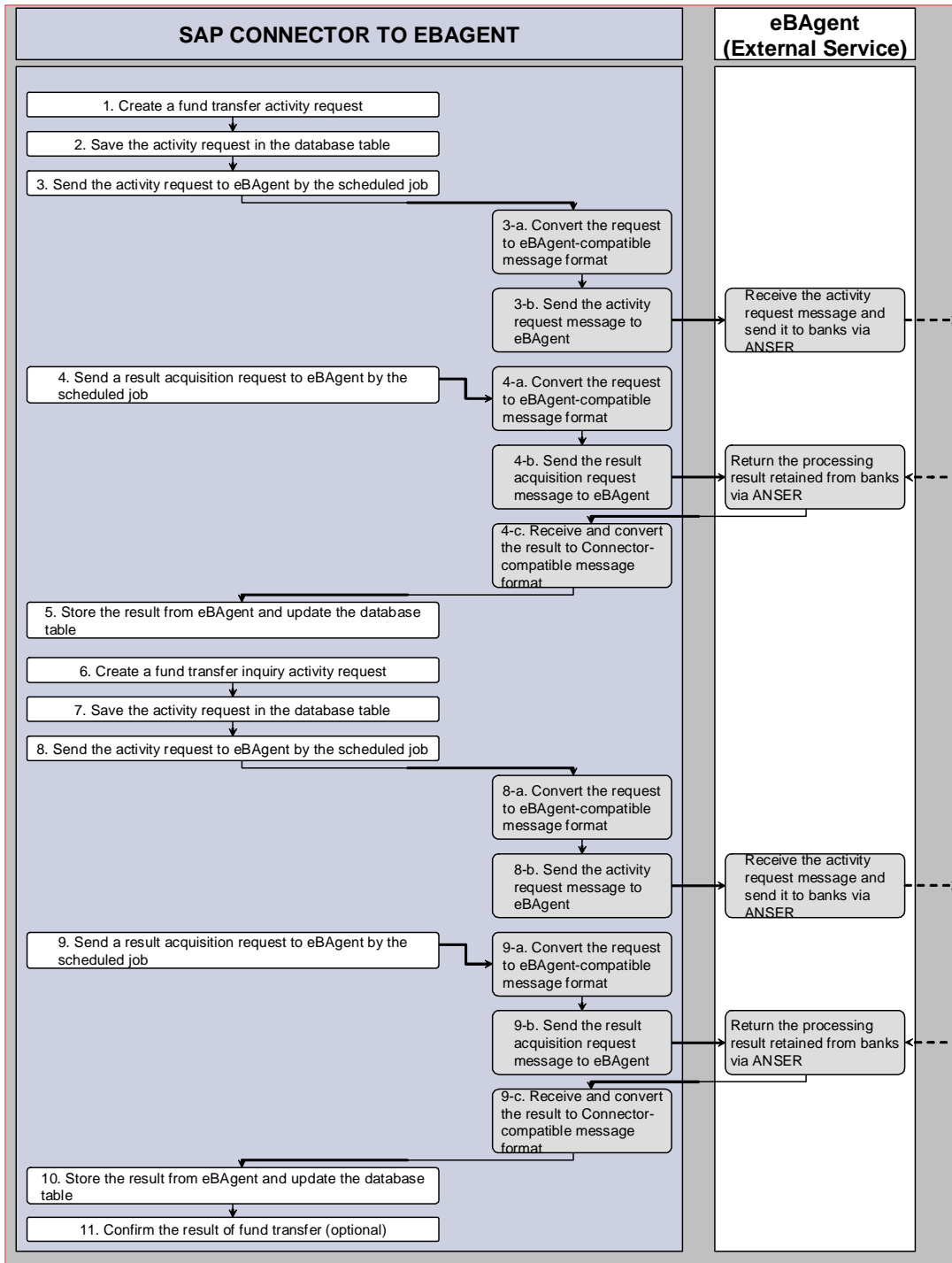
The configuration and Customizing settings which are required for the realization of this particular business process and its business process steps can be found on the corresponding *Configuration* tab for the business process or business process step in your Solution Manager system.

- To use the functions offered by SAP Connector to eBAgent, it is a prerequisite that you are able to use the eBAgent service which is offered by NTT Data Corporation (NTT Data). You need to make a separate application to NTT Data for using this service in advance.



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## Process




In the *SAP Connector to eBAGENT* swim lane in the above component view, the business process steps (boxes in white) located in the left side of the lane are executed in SAP Connector to eBAGENT on SAP ERP system, while the business process steps (boxes in gray) located in the right side of the lane are executed in SAP Connector to eBAGENT on SAP PI system.


In this business process description, the business process steps which are executed in SAP Connector to eBAgent on SAP ERP will be described in details. The business process steps which are marked in gray in the above component view, namely, the steps executed in SAP Connector to eBAgent on SAP PI and in eBAgent are presented here as a reference for a better understanding of overall picture of this business process.

The business process runs as follows:

1. Create a fund transfer activity request (SAP Connector to eBAgent on SAP ERP)

Execute transaction `/NTTDDATA/EB_T1600`, then the *Fund Transfer: Request Creation* screen (program `/NTTDDATA/SAPLEB_FUND_TRANS`) appears.

You enter the source account and target account information as well as the amount and date for the fund transfer. Enter a text of your choice for the *Task Name* and press the  (*Execute*) icon.

On the *Fund Transfer: Request Confirmation* screen, mark the *Confirmed* checkbox and press the  (*Execute*) icon.

An activity request task is created and the corresponding task ID number is displayed in a pop-up.

2. Save the activity request in the database table (SAP Connector to eBAgent on SAP ERP)


By pressing the  (*Execute*) icon in the above Step 1, the activity request is now saved and the following database tables are updated.

Table Name	Description
<code>/NTTDDATA/EBT_201</code>	Fund Transfer, Cash Concentration/Distribution (Request)
<code>/NTTDDATA/EBT_001</code>	Task Management

3. Send the activity request to eBAgent by the scheduled job (SAP Connector to eBAgent on SAP ERP)

The activity request which has been created and saved in SAP Connector to eBAgent on SAP ERP system will be send to eBAgent (via SAP Connector to eBAgent on SAP PI system) by the periodically scheduled *Task: Request Sending* program (`/NTTDDATA/EB_INQUIRY_REQUEST`).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for  *Connector to eBAgent* → *Job Settings* → *Define Activity Request/Result Acquisition Jobs* .

At this point, the following steps are executed automatically in SAP Connector to eBAgent on SAP PI system:

- 3–a. Convert the request to eBAgent-compatible message format (SAP Connector to eBAgent on SAP PI)
  - 3–b. Send the activity request message to eBAgent (SAP Connector to eBAgent on SAP PI)
4. Send a result acquisition request to eBAgent by the scheduled job (SAP Connector to eBAgent on SAP ERP)

The result acquisition request from SAP Connector to eBAgent on SAP ERP system will be send to eBAgent (via SAP Connector to eBAgent on SAP PI system) by the periodically scheduled *Task: Result Acquisition* program (/NTTDDATA/EB\_RESULT\_REQUEST).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for **▶ Connector to eBAgent** → *Job Settings* → *Define Activity Request/Result Acquisition Jobs* **⬅**.

At this point, the following steps are executed automatically in SAP Connector to eBAgent on SAP PI system:

- 4–a. Convert the request to eBAgent-compatible message format (SAP Connector to eBAgent on SAP PI)
- 4–b. Send the result acquisition request message to eBAgent (SAP Connector to eBAgent on SAP PI)
- 4–c. Receive and convert the result to Connector-compatible message format (SAP Connector to eBAgent on SAP PI)



It is likely that a fund transfer request is created with a date in the future for its execution. In such a case, the fund transfer request will not be executed immediately, but retained until the specified execution date comes. For this reason, once a fund transfer request is received, a reception number is issued by the bank to acknowledge that the request has been received successfully at the bank. Therefore, as a result of the result acquisition request, the reception number will be returned from eBAgent to SAP Connector to eBAgent.

5. Store the result from eBAgent and update the database table (SAP Connector to eBAgent on SAP ERP)


The result which is acquired from eBAgent is now saved and the following database tables are updated.

Table Name	Description
/NTTDDATA/EBT_201	Fund Transfer, Cash Concentration/Distribution (Request)
/NTTDDATA/EBT_221	Fund Transfer, Cash Concentration/Distribution (Result)
/NTTDDATA/EBT_001	Task Management
/NTTDDATA/EBT_002	Task Management (Result)
/NTTDDATA/EBT_003	Task Management (Result) – Account Information
/NTTDDATA/EBT_004	Bank Message (Result Message from Bank)


6. Create a fund transfer inquiry activity request (SAP Connector to eBAgent on SAP ERP)

Once the specified fund transfer execution date is reached or passed, you can now inquire about the fund transfer which has already been requested.

Execute transaction `/NTTDATA/EB_T1300`, then the *Fund Transfer Inquiry: Request Creation* screen (program `/NTTDATA/EB_TRANSREQQUERY`) appears.

You enter the selection criteria to search for accounts and press the  (*Execute*) icon.

On the *Fund Transfer: Request Confirmation* screen, select the accounts, for which you want to make an inquiry, from the list of the accounts that match your search criteria.

Enter a text of your choice for the *Task Name* and press the  (*Execute*) icon. An activity request task is created and the corresponding task ID number is displayed in a pop-up.

7. Save the activity request in the database table (SAP Connector to eAgent on SAP ERP)


By pressing the  (*Execute*) icon in the above Step 6, the activity request is now saved and the following database tables are updated.

Table Name	Description
<code>/NTTDATA/EBT_201</code>	Fund Transfer, Cash Concentration/Distribution (Request)
<code>/NTTDATA/EBT_001</code>	Task Management

8. Send the activity request to eAgent by the scheduled job (SAP Connector to eAgent on SAP ERP)

The activity request which has been created and saved in SAP Connector to eAgent on SAP ERP system will be send to eAgent (via SAP Connector to eAgent on SAP PI system) by the periodically scheduled *Task: Request Sending* program (`/NTTDATA/EB_INQUIRY_REQUEST`).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for  *Connector to eAgent* → *Job Settings* → *Define Activity Request/Result Acquisition Jobs* .

At this point, the following steps are executed automatically in SAP Connector to eAgent on SAP PI system:

- 8–a. Convert the request to eAgent-compatible message format (SAP Connector to eAgent on SAP PI)
  - 8–b. Send the activity request message to eAgent (SAP Connector to eAgent on SAP PI)
9. Send a result acquisition request to eAgent by the scheduled job (SAP Connector to eAgent on SAP ERP)

The result acquisition request from SAP Connector to eAgent on SAP ERP system will be send to eAgent (via SAP Connector to eAgent on SAP PI system) by the periodically scheduled *Task: Result Acquisition* program (`/NTTDATA/EB_RESULT_REQUEST`).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for ► *Connector to eBAgent* → *Job Settings* → *Define Activity Request/Result Acquisition Jobs* ◀.

At this point, the following steps are executed automatically in SAP Connector to eBAgent on SAP PI system:

- 9–a. Convert the request to eBAgent-compatible message format (SAP Connector to eBAgent on SAP PI)
  - 9–b. Send the result acquisition request message to eBAgent (SAP Connector to eBAgent on SAP PI)
  - 9–c. Receive and convert the result to Connector-compatible message format (SAP Connector to eBAgent on SAP PI)
10. Store the result from eBAgent and update the database table (SAP Connector to eBAgent on SAP ERP)


The result which is acquired from eBAgent is now saved and the following database tables are updated.

Table Name	Description
/NTTDDATA/EBT_201	Fund Transfer, Cash Concentration/Distribution (Request)
/NTTDDATA/EBT_221	Fund Transfer, Cash Concentration/Distribution (Result)
/NTTDDATA/EBT_001	Task Management
/NTTDDATA/EBT_002	Task Management (Result)
/NTTDDATA/EBT_003	Task Management (Result) – Account Information
/NTTDDATA/EBT_004	Bank Message (Result Message from Bank)

11. Confirm the result of fund transfer (optional) (SAP Connector to eBAgent on SAP ERP)

You can confirm the result of fund transfer using the Task Management function as below.

Execute transaction /NTTDDATA/EB\_T9000, then the *Task Management* screen (program /NTTDDATA/EB\_TASK) appears.

You enter the selection criteria to search for the relevant tasks, then press the  (Execute) icon.

The result of fund transfer will be displayed.

## More Information

For more information, see the Application Help for SAP Connector to eBAgent in SAP Help Portal at <http://help.sap.com> under ► *SAP for Industries* → *SAP for Banking* → *SAP Connector to eBAgent* → *Fund Transfer* ◀.



## Requesting Cancellation of Fund Transfers

You can use this business process to cancel the fund transfer requests which are created in the [Requesting Fund Transfer](#) [Page 18] business process.

### Prerequisites

#### General Prerequisites

- You have installed SAP Connector to eBAgent on the SAP ERP system and the SAP NetWeaver Process Integration (SAP PI) system. For more information, refer to the SAP Note for installation and the implementation procedure that are described in the master guide for SAP Connector to eBAgent which is available on SAP Service Marketplace at <http://service.sap.com/instguides>.
- For the use of SAP Connector to eBAgent, the following configuration related prerequisites have to be fulfilled:

- For SAP Connector to eBAgent on SAP PI system, you have completed the required configuration settings that are delivered as the Solution Manager content for SAP Connector to eBAgent.

The configuration topics for SAP Connector to eBAgent can be found in the Solution Manager content for ► *SAP Connector to eBAgent* → *Configuration* → *SAP Connector to eBAgent 1.0* → *Basic Settings* ◀.

- For SAP Connector to eBAgent on SAP ERP system, you have maintained the solution-specific Customizing settings for SAP Connector to eBAgent.

The Customizing activities for SAP Connector to eBAgent are located in the SAP Reference IMG (transaction *SPRO*) under ► *SAP Customizing Implementation Guide* → *Cross-Application Components* → *Connector to eBAgent* ◀.



The configuration and Customizing settings which are required for the realization of this particular business process and its business process steps can be found on the corresponding *Configuration* tab for the business process or business process step in your Solution Manager system.

- To use the functions offered by SAP Connector to eBAgent, it is a prerequisite that you are able to use the eBAgent service which is offered by NTT Data Corporation (NTT Data). You need to make a separate application to NTT Data for using this service in advance.



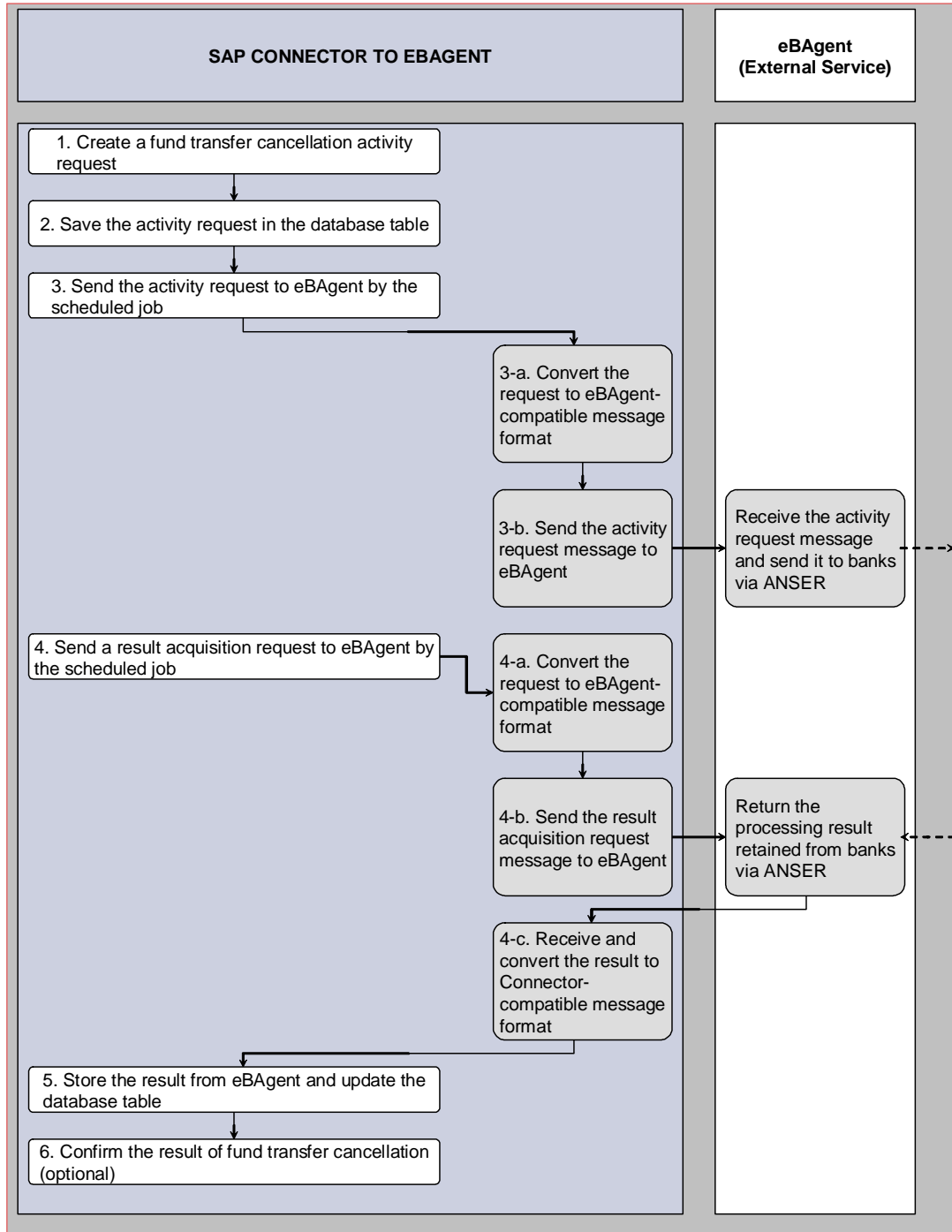
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#### Business Process-specific Prerequisites

- A fund transfer request has been created in SAP Connector to eBAgent on SAP ERP system and received by the relevant bank via eBAgent. That means that a reception number, which has been issued by the bank when the fund transfer request was received, is available.

- The specified fund transfer execution date has not reached yet. You can cancel only the fund transfer items for which the actual fund movements have not yet taken place.

## Process



In the *SAP Connector to eBAGENT* swim lane in the above component view, the business process steps (boxes in white) located in the left side of the lane are

executed in SAP Connector to eBAgent on SAP ERP system, while the business process steps (boxes in gray) located in the right side of the lane are executed in SAP Connector to eBAgent on SAP PI system.


In this business process description, the business process steps which are executed in SAP Connector to eBAgent on SAP ERP will be described in details. The business process steps which are marked in gray in the above component view, namely, the steps executed in SAP Connector to eBAgent on SAP PI and in eBAgent are presented here as a reference for a better understanding of overall picture of this business process.

The business process runs as follows:

1. Create a fund transfer cancellation activity request (SAP Connector to eBAgent on SAP ERP)

You can create a cancellation request for fund transfer using the Task Management function as below.

Execute transaction /NTTDDATA/EB\_T9000, then the *Task Management* screen (program /NTTDDATA/EB\_TASK) appears.

You enter the selection criteria to search the tasks created for the fund transfer requests that you want to cancel and press the  (Execute) icon.

On the *Activity Request Task List* screen, select a task, for which you want to cancel the fund transfer request, from the list of tasks that match your search criteria. Press the *Inquire Request* button, then the *Result: Fund Transfer Request* screen appears. On this screen, press the *Cancel Fund Transfer* button.

On the *Fund Transfer: Request Cancellation* screen, select the items for which you want to cancel the fund transfer request by selecting the checkboxes.

Enter a text of your choice for the *Task Name* and mark the *Confirmed* checkbox, then press the  (Execute) icon.

An activity request task is created and the corresponding task ID number is displayed in a pop-up.

2. Save the activity request in the database table (SAP Connector to eBAgent on SAP ERP)


By pressing the  (Execute) icon in the above Step 1, the activity request is now saved and the following database tables are updated.

Table Name	Description
/NTTDDATA/EBT_201	Fund Transfer, Cash Concentration/Distribution (Request)
/NTTDDATA/EBT_001	Task Management

3. Send the activity request to eBAgent by the scheduled job (SAP Connector to eBAgent on SAP ERP)

The activity request which has been created and saved in SAP Connector to eBAgent on SAP ERP system will be send to eBAgent (via SAP Connector to eBAgent on SAP PI system) by the periodically scheduled *Task: Request Sending* program (/NTTDDATA/EB\_INQUIRY\_REQUEST).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for ► *Connector to eBAgent* → *Job Settings* → *Define Activity Request/Result Acquisition Jobs* ◀.

At this point, the following steps are executed automatically in SAP Connector to eBAgent on SAP PI system:

- 3–a. Convert the request to eBAgent-compatible message format (SAP Connector to eBAgent on SAP PI)
  - 3–b. Send the activity request message to eBAgent (SAP Connector to eBAgent on SAP PI)
4. Send a result acquisition request to eBAgent by the scheduled job (SAP Connector to eBAgent on SAP ERP)

The result acquisition request from SAP Connector to eBAgent on SAP ERP system will be send to eBAgent (via SAP Connector to eBAgent on SAP PI system) by the periodically scheduled *Task: Result Acquisition* program (/NTTDDATA/EB\_RESULT\_REQUEST).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for ► *Connector to eBAgent* → *Job Settings* → *Define Activity Request/Result Acquisition Jobs* ◀.

At this point, the following steps are executed automatically in SAP Connector to eBAgent on SAP PI system:

- 4–a. Convert the request to eBAgent-compatible message format (SAP Connector to eBAgent on SAP PI)
  - 4–b. Send the result acquisition request message to eBAgent (SAP Connector to eBAgent on SAP PI)
  - 4–c. Receive and convert the result to Connector-compatible message format (SAP Connector to eBAgent on SAP PI)
5. Store the result from eBAgent and update the database table (SAP Connector to eBAgent on SAP ERP)


The result which is acquired from eBAgent is now saved and the following database tables are updated.

Table Name	Description
/NTTDDATA/EBT_201	Fund Transfer, Cash Concentration/Distribution (Request)
/NTTDDATA/EBT_221	Fund Transfer, Cash Concentration/Distribution (Result)
/NTTDDATA/EBT_001	Task Management
/NTTDDATA/EBT_002	Task Management (Result)
/NTTDDATA/EBT_003	Task Management (Result) – Account Information
/NTTDDATA/EBT_004	Bank Message (Result Message from Bank)

6. Confirm the result of fund transfer cancellation (optional) (SAP Connector to eBAgent on SAP ERP)

You can confirm the result of fund transfer cancellation using the Task Management function as below.

Execute transaction /NTTDATA/EB\_T9000, then the *Task Management* screen (program /NTTDATA/EB\_TASK) appears.

You enter the selection criteria to search for the relevant tasks, then press the  (*Execute*) icon.

The result of fund transfer cancellation will be displayed.

### **More Information**

For more information, see the Application Help for SAP Connector to eBAgent in SAP Help Portal at <http://help.sap.com> under ► *SAP for Industries* → *SAP for Banking* → *SAP Connector to eBAgent* → *Fund Transfer* → *Fund Transfer Cancellation Request* ◀.



## Requesting Cash Concentrations (Directly)

You can use this business process to centralize the funds from multiple child accounts to a parent account.

The cash concentration can be done in the following two ways:

- Execute the cash concentration directly
- Execute the cash concentration having simulated the cash concentration balance result

In this business process, the first option above is described. For the second option, see [Requesting Cash Concentration \(via Simulation\)](#) [Page 34].

### Prerequisites

- You have installed SAP Connector to eBAgent on the SAP ERP system and the SAP NetWeaver Process Integration (SAP PI) system. For more information, refer to the SAP Note for installation and the implementation procedure that are described in the master guide for SAP Connector to eBAgent which is available on SAP Service Marketplace at <http://service.sap.com/instguides>.
- For the use of SAP Connector to eBAgent, the following configuration related prerequisites have to be fulfilled:

- For SAP Connector to eBAgent on SAP PI system, you have completed the required configuration settings that are delivered as the Solution Manager content for SAP Connector to eBAgent.

The configuration topics for SAP Connector to eBAgent can be found in the Solution Manager content for ► *SAP Connector to eBAgent* → *Configuration* → *SAP Connector to eBAgent 1.0* → *Basic Settings* ◀.

- For SAP Connector to eBAgent on SAP ERP system, you have maintained the solution-specific Customizing settings for SAP Connector to eBAgent.

The Customizing activities for SAP Connector to eBAgent are located in the SAP Reference IMG (transaction *SPRO*) under ► *SAP Customizing Implementation Guide* → *Cross-Application Components* → *Connector to eBAgent* ◀.



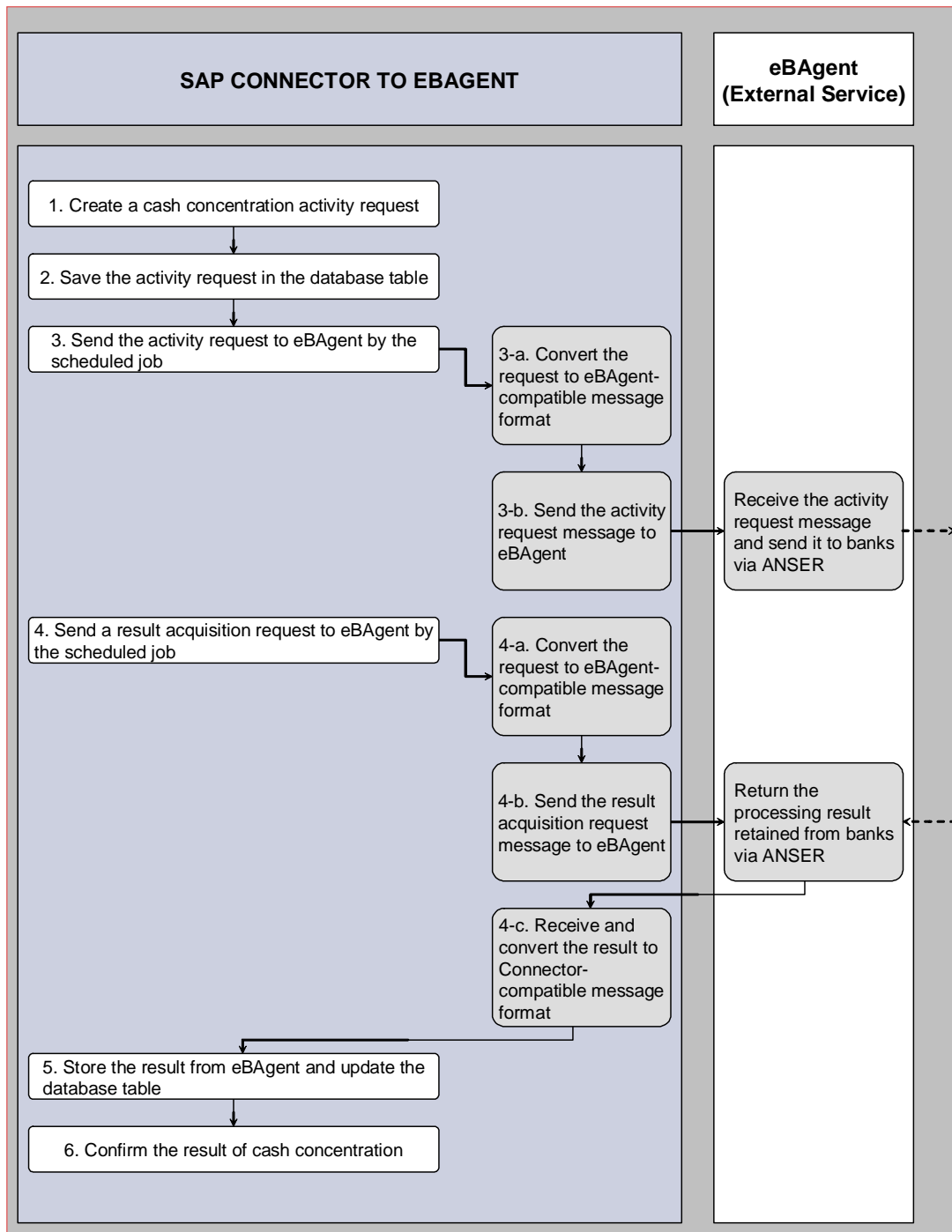
The configuration and Customizing settings which are required for the realization of this particular business process and its business process steps can be found on the corresponding *Configuration* tab for the business process or business process step in your Solution Manager system.

- To use the functions offered by SAP Connector to eBAgent, it is a prerequisite that you are able to use the eBAgent service which is offered by NTT Data Corporation (NTT Data). You need to make a separate application to NTT Data for using this service in advance.



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## Process




In the *SAP Connector to eBAGENT* swim lane in the above component view, the business process steps (boxes in white) located in the left side of the lane are executed in SAP Connector to eBAGENT on SAP ERP system, while the business process steps (boxes in gray) located in the right side of the lane are executed in SAP Connector to eBAGENT on SAP PI system.


In this business process description, the business process steps which are executed in SAP Connector to eBAgent on SAP ERP will be described in details. The business process steps which are marked in gray in the above component view, namely, the steps executed in SAP Connector to eBAgent on SAP PI and in eBAgent are presented here as a reference for a better understanding of overall picture of this business process.

The business process runs as follows:

1. Create a cash concentration activity request (SAP Connector to eBAgent on SAP ERP)

Execute transaction `/NTTDDATA/EB_T1700`, then the *Cash Concentration: Request Creation* screen (program `/NTTDDATA/SAPLEB_FUND_CENTR`) appears.

You enter the source (child) and target (parent) account information as well as the conditions for the cash concentration. Enter a text of your choice for the *Task Name* and press the  (*Execute*) icon.

On the *Cash Concentration: Request Confirmation* screen, mark the *Confirmed* checkbox and press the  (*Execute*) icon.

An activity request task is created and the corresponding task ID number is displayed in a pop-up.

2. Save the activity request in the database table (SAP Connector to eBAgent on SAP ERP)


By pressing the  (*Execute*) icon in the above Step 1, the activity request is now saved and the following database tables are updated.

Table Name	Description
<code>/NTTDDATA/EBT_201</code>	Fund Transfer, Cash Concentration/Distribution (Request)
<code>/NTTDDATA/EBT_001</code>	Task Management

3. Send the activity request to eBAgent by the scheduled job (SAP Connector to eBAgent on SAP ERP)

The activity request which has been created and saved in SAP Connector to eBAgent on SAP ERP system will be send to eBAgent (via SAP Connector to eBAgent on SAP PI system) by the periodically scheduled *Task: Request Sending* program (`/NTTDDATA/EB_INQUIRY_REQUEST`).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for  *Connector to eBAgent* → *Job Settings* → *Define Activity Request/Result Acquisition Jobs* .

At this point, the following steps are executed automatically in SAP Connector to eBAgent on SAP PI system:

- 3-a. Convert the request to eBAgent-compatible message format (SAP Connector to eBAgent on SAP PI)
- 3-b. Send the activity request message to eBAgent (SAP Connector to eBAgent on SAP PI)

4. Send a result acquisition request to eBAgent by the scheduled job (SAP Connector to eBAgent on SAP ERP)

The result acquisition request from SAP Connector to eBAgent on SAP ERP system will be send to eBAgent (via SAP Connector to eBAgent on SAP PI system) by the periodically scheduled *Task: Result Acquisition* program (/NTTDDATA/EB\_RESULT\_REQUEST).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for  *Connector to eBAgent* → *Job Settings* → *Define Activity Request/Result Acquisition Jobs* .

At this point, the following steps are executed automatically in SAP Connector to eBAgent on SAP PI system:

- 4–a. Convert the request to eBAgent-compatible message format (SAP Connector to eBAgent on SAP PI)
  - 4–b. Send the result acquisition request message to eBAgent (SAP Connector to eBAgent on SAP PI)
  - 4–c. Receive and convert the result to Connector-compatible message format (SAP Connector to eBAgent on SAP PI)
5. Store the result from eBAgent and update the database table (SAP Connector to eBAgent on SAP ERP)


The result which is acquired from eBAgent is now saved and the following database tables are updated.

Table Name	Description
/NTTDDATA/EBT_221	Fund Transfer, Cash Concentration/Distribution (Result)
/NTTDDATA/EBT_001	Task Management
/NTTDDATA/EBT_002	Task Management (Result)
/NTTDDATA/EBT_003	Task Management (Result) – Account Information
/NTTDDATA/EBT_004	Bank Message (Result Message from Bank)

6. Confirm the result of cash concentration (SAP Connector to eBAgent on SAP ERP)

You can confirm the result of cash concentration using the Task Management function as below.

Execute transaction /NTTDDATA/EB\_T9000, then the *Task Management* screen (program /NTTDDATA/EB\_TASK) appears.

You enter the selection criteria to search for the relevant tasks, then press the  (*Execute*) icon.

The result of cash concentration will be displayed.

## More Information

For more information, see the Application Help for SAP Connector to eBAgent in SAP Help Portal at <http://help.sap.com> under ▶ *SAP for Industries* → *SAP for Banking* → *SAP Connector to eBAgent* → *Cash Concentration* ◀.



## Requesting Cash Concentrations (via Simulation)

You can use this business process to centralize the funds from multiple child accounts to a parent account.

The cash concentration can be done in the following two ways:

- Execute the cash concentration directly
- Execute the cash concentration having simulated the cash concentration balance result

In this business process, the second option above is described. For the first option, see [Requesting Cash Concentration \(Directly\)](#) [Page 29].

### Prerequisites

- You have installed SAP Connector to eBAgent on the SAP ERP system and the SAP NetWeaver Process Integration (SAP PI) system. For more information, refer to the SAP Note for installation and the implementation procedure that are described in the master guide for SAP Connector to eBAgent which is available on SAP Service Marketplace at <http://service.sap.com/instguides>.
- For the use of SAP Connector to eBAgent, the following configuration related prerequisites have to be fulfilled:

- For SAP Connector to eBAgent on SAP PI system, you have completed the required configuration settings that are delivered as the Solution Manager content for SAP Connector to eBAgent.

The configuration topics for SAP Connector to eBAgent can be found in the Solution Manager content for ► *SAP Connector to eBAgent* → *Configuration* → *SAP Connector to eBAgent 1.0* → *Basic Settings* ◀.

- For SAP Connector to eBAgent on SAP ERP system, you have maintained the solution-specific Customizing settings for SAP Connector to eBAgent.

The Customizing activities for SAP Connector to eBAgent are located in the SAP Reference IMG (transaction *SPRO*) under ► *SAP Customizing Implementation Guide* → *Cross-Application Components* → *Connector to eBAgent* ◀.



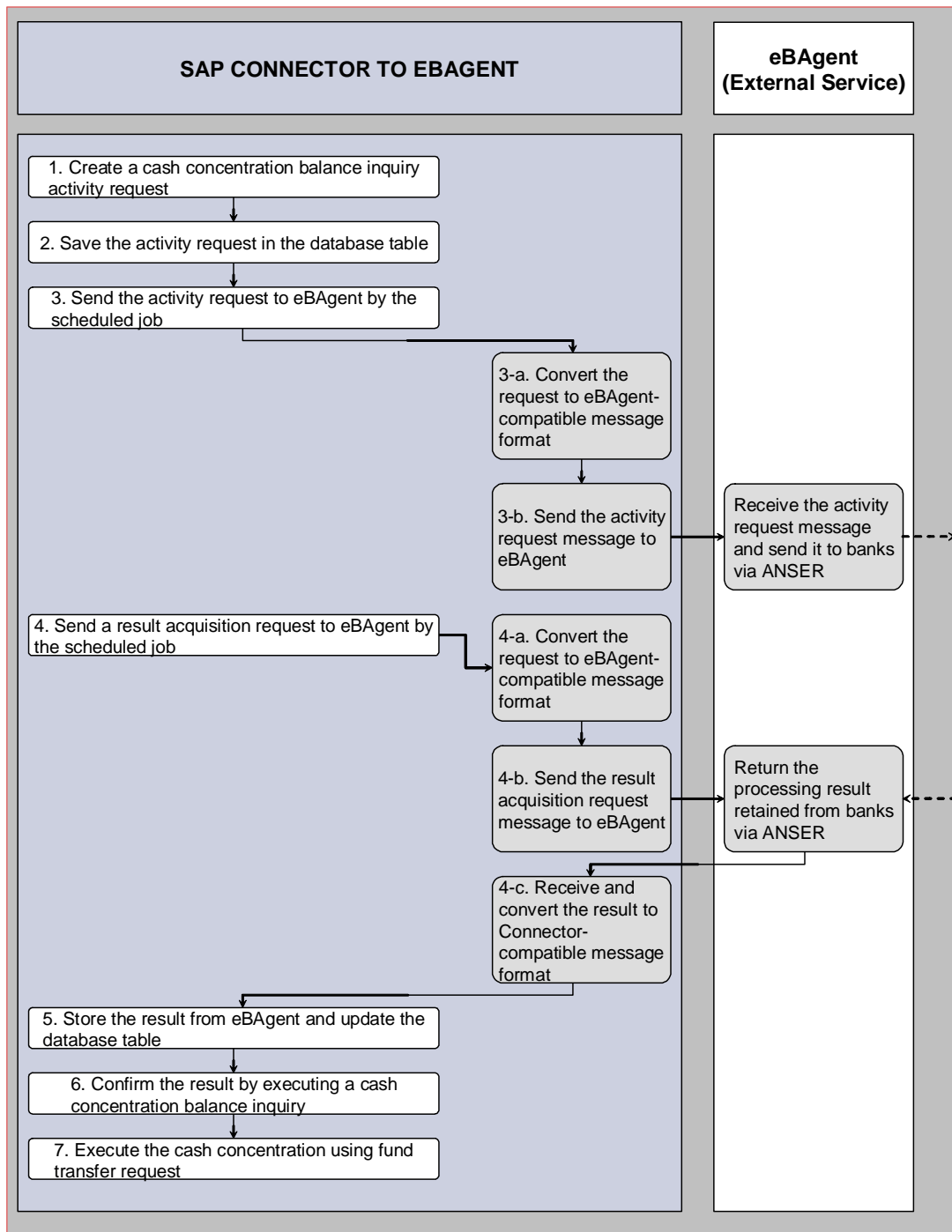
The configuration and Customizing settings which are required for the realization of this particular business process and its business process steps can be found on the corresponding *Configuration* tab for the business process or business process step in your Solution Manager system.

- To use the functions offered by SAP Connector to eBAgent, it is a prerequisite that you are able to use the eBAgent service which is offered by NTT Data Corporation (NTT Data). You need to make a separate application to NTT Data for using this service in advance.



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## Process




In the *SAP Connector to eBAGENT* swim lane in the above component view, the business process steps (boxes in white) located in the left side of the lane are executed in SAP Connector to eBAGENT on SAP ERP system, while the business process steps (boxes in gray) located in the right side of the lane are executed in SAP Connector to eBAGENT on SAP PI system.


In this business process description, the business process steps which are executed in SAP Connector to eBAgent on SAP ERP will be described in details. The business process steps which are marked in gray in the above component view, namely, the steps executed in SAP Connector to eBAgent on SAP PI and in eBAgent are presented here as a reference for a better understanding of overall picture of this business process.

The business process runs as follows:

1. Create a cash concentration balance inquiry activity request (SAP Connector to eBAgent on SAP ERP)

Execute transaction `/NTTDDATA/EB_T1400`, then the *Cash Concentration Balance Inquiry: Request Creation* screen (program `/NTTDDATA/SAPLEB_FUND_CENTR`) appears.

You enter the source (child) and target (parent) account information as well as the conditions for the cash concentration for which you want to simulate the balance after executing the cash concentration. Enter a text of your choice for the *Task Name* and press the  (*Execute*) icon.

On the *Cash Concentration Balance Inquiry: Request Confirmation* screen, mark the *Confirmed* checkbox and press the  (*Execute*) icon.

An activity request task is created and the corresponding task ID number is displayed in a pop-up.

2. Save the activity request in the database table (SAP Connector to eBAgent on SAP ERP)


By pressing the  (*Execute*) icon in the above Step 1, the activity request is now saved and the following database tables are updated.

Table Name	Description
<code>/NTTDDATA/EBT_201</code>	Fund Transfer, Cash Concentration/Distribution (Request)
<code>/NTTDDATA/EBT_001</code>	Task Management

3. Send the activity request to eBAgent by the scheduled job (SAP Connector to eBAgent on SAP ERP)

The activity request which has been created and saved in SAP Connector to eBAgent on SAP ERP system will be send to eBAgent (via SAP Connector to eBAgent on SAP PI system) by the periodically scheduled *Task: Request Sending* program (`/NTTDDATA/EB_INQUIRY_REQUEST`).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for  *Connector to eBAgent* → *Job Settings* → *Define Activity Request/Result Acquisition Jobs* .

At this point, the following steps are executed automatically in SAP Connector to eBAgent on SAP PI system:

- 3-a. Convert the request to eBAgent-compatible message format (SAP Connector to eBAgent on SAP PI)

- o 3-b. Send the activity request message to eBAgent (SAP Connector to eBAgent on SAP PI)
4. Send a result acquisition request to eBAgent by the scheduled job (SAP Connector to eBAgent on SAP ERP)

The result acquisition request from SAP Connector to eBAgent on SAP ERP system will be sent to eBAgent (via SAP Connector to eBAgent on SAP PI system) by the periodically scheduled *Task: Result Acquisition* program (/NTTDDATA/EB\_RESULT\_REQUEST).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for Connector to eBAgent Job Settings Define Activity Request/Result Acquisition Jobs .

At this point, the following steps are executed automatically in SAP Connector to eBAgent on SAP PI system:

- o 4-a. Convert the request to eBAgent-compatible message format (SAP Connector to eBAgent on SAP PI)
  - o 4-b. Send the result acquisition request message to eBAgent (SAP Connector to eBAgent on SAP PI)
  - o 4-c. Receive and convert the result to Connector-compatible message format (SAP Connector to eBAgent on SAP PI)
5. Store the result from eBAgent and update the database table (SAP Connector to eBAgent on SAP ERP)

The result which is acquired from eBAgent is now saved and the following database tables are updated.

Table Name	Description
/NTTDDATA/EBT_222	Cash Concentration/Distribution Balance
/NTTDDATA/EBT_001	Task Management
/NTTDDATA/EBT_002	Task Management (Result)
/NTTDDATA/EBT_003	Task Management (Result) – Account Information
/NTTDDATA/EBT_004	Bank Message (Result Message from Bank)

6. Confirm the result by executing a cash concentration balance inquiry (SAP Connector to eBAgent on SAP ERP)


Execute transaction /NTTDDATA/EB\_T1400\_D, then the *Cash Concentration Balance Inquiry* screen (program /NTTDDATA/EB\_TRANS\_BAL) appears.

You confirm the radio button for *Cash Concentration* is selected by default and enter the *Task ID*, then press the (Execute) icon.

On the next screen (also titled *Cash Concentration Balance Inquiry*), the result of cash concentration balance inquiry will be displayed.

You can also confirm the result of cash concentration balance inquiry using the Task Management function as below.

Execute transaction /NTTDATA/EB\_T9000, then the *Task Management* screen (program /NTTDATA/EB\_TASK) appears.



You enter the selection criteria to search for the relevant tasks, then press the  (Execute) icon.

Select one task and press the *Confirm Result* button. The result of cash concentration balance inquiry will be displayed on the *Cash Concentration Balance Inquiry* screen.



7. Execute the cash concentration using fund transfer request (SAP Connector to eBAgent on SAP ERP)

From the *Cash Concentration Balance Inquiry* screen displayed in the above step 6, you can create a fund transfer request by which the simulated cash concentration can be actually executed.

Select an item for which you want to generate a fund transfer request, then press the *Fund Transfer Request* button.

On the *Fund Transfer: Request Creation* screen, press the  (Execute) icon, then the *Fund Transfer: Request Confirmation* screen appears. On this screen, check and confirm the fund transfer information by marking the *Confirmed* checkbox, then press the  (Execute) icon.

## More Information

For more information, see the Application Help for SAP Connector to eBAgent in SAP Help Portal at <http://help.sap.com> under  *SAP for Industries* → *SAP for Banking* → *SAP Connector to eBAgent* → *Cash Concentration* .



## Requesting Cash Distributions (Directly)

You can use this business process to decentralize the funds from a parent account to multiple child accounts.

The cash distribution can be done in the following two ways:

- Execute the cash distribution directly
- Execute the cash distribution having simulated the cash distribution balance result

In this business process, the first option above is described. For the second option, see [Requesting Cash Distribution \(via Simulation\)](#) [Page 43].

### Prerequisites

- You have installed SAP Connector to eBAgent on the SAP ERP system and the SAP NetWeaver Process Integration (SAP PI) system. For more information, refer to the SAP Note for installation and the implementation procedure that are described in the master guide for SAP Connector to eBAgent which is available on SAP Service Marketplace at <http://service.sap.com/instguides>.
- For the use of SAP Connector to eBAgent, the following configuration related prerequisites have to be fulfilled:

- For SAP Connector to eBAgent on SAP PI system, you have completed the required configuration settings that are delivered as the Solution Manager content for SAP Connector to eBAgent.

The configuration topics for SAP Connector to eBAgent can be found in the Solution Manager content for ► *SAP Connector to eBAgent* → *Configuration* → *SAP Connector to eBAgent 1.0* → *Basic Settings* ◀.

- For SAP Connector to eBAgent on SAP ERP system, you have maintained the solution-specific Customizing settings for SAP Connector to eBAgent.

The Customizing activities for SAP Connector to eBAgent are located in the SAP Reference IMG (transaction SPRO) under ► *SAP Customizing Implementation Guide* → *Cross-Application Components* → *Connector to eBAgent* ◀.



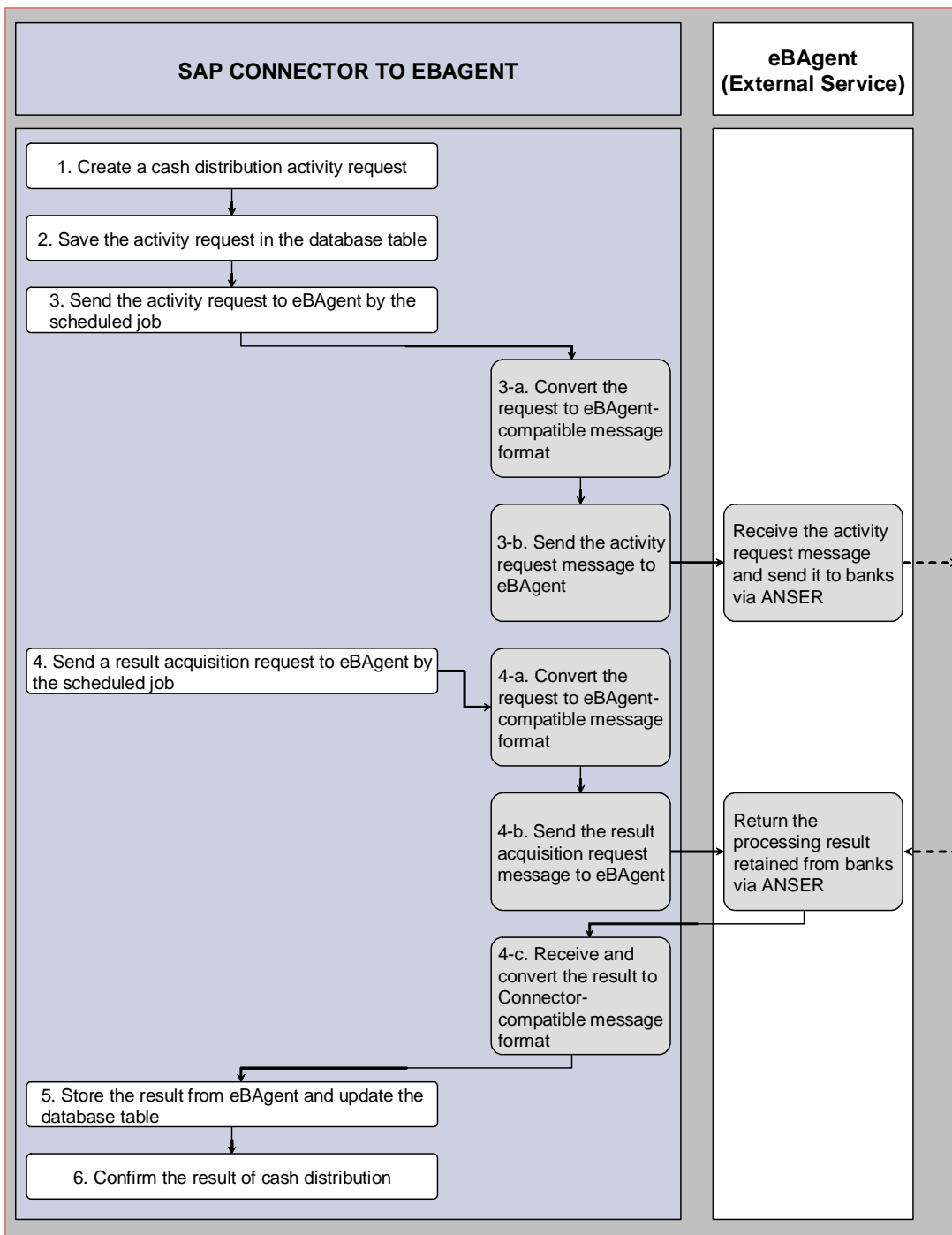
The configuration and Customizing settings which are required for the realization of this particular business process and its business process steps can be found on the corresponding *Configuration* tab for the business process or business process step in your Solution Manager system.

- To use the functions offered by SAP Connector to eBAgent, it is a prerequisite that you are able to use the eBAgent service which is offered by NTT Data Corporation (NTT Data). You need to make a separate application to NTT Data for using this service in advance.



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## Process




In the *SAP Connector to eBAGENT* swim lane in the above component view, the business process steps (boxes in white) located in the left side of the lane are executed in SAP Connector to eBAGENT on SAP ERP system, while the business process steps (boxes in gray) located in the right side of the lane are executed in SAP Connector to eBAGENT on SAP PI system.


In this business process description, the business process steps which are executed in SAP Connector to eBAgent on SAP ERP will be described in details. The business process steps which are marked in gray in the above component view, namely, the steps executed in SAP Connector to eBAgent on SAP PI and in eBAgent are presented here as a reference for a better understanding of overall picture of this business process.

The business process runs as follows:

1. Create a cash distribution activity request (SAP Connector to eBAgent on SAP ERP)

Execute transaction `/NTTDDATA/EB_T1710`, then the *Cash Distribution: Request Creation* screen (program `/NTTDDATA/SAPLEB_FUND_CENTR`) appears.

You enter the source (parent) and target (child) account information as well as the conditions for the cash distribution. Enter a text of your choice for the *Task Name* and press the  (*Execute*) icon.

On the *Cash Distribution: Request Confirmation* screen, mark the *Confirmed* checkbox and press the  (*Execute*) icon.

An activity request task is created and the corresponding task ID number is displayed in a pop-up.

2. Save the activity request in the database table (SAP Connector to eBAgent on SAP ERP)


By pressing the  (*Execute*) icon in the above Step 1, the activity request is now saved and the following database tables are updated.

Table Name	Description
<code>/NTTDDATA/EBT_201</code>	Fund Transfer, Cash Concentration/Distribution (Request)
<code>/NTTDDATA/EBT_001</code>	Task Management

3. Send the activity request to eBAgent by the scheduled job (SAP Connector to eBAgent on SAP ERP)

The activity request which has been created and saved in SAP Connector to eBAgent on SAP ERP system will be send to eBAgent (via SAP Connector to eBAgent on SAP PI system) by the periodically scheduled *Task: Request Sending* program (`/NTTDDATA/EB_INQUIRY_REQUEST`).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for  *Connector to eBAgent* → *Job Settings* → *Define Activity Request/Result Acquisition Jobs* .

At this point, the following steps are executed automatically in SAP Connector to eBAgent on SAP PI system:

- 3–a. Convert the request to eBAgent-compatible message format (SAP Connector to eBAgent on SAP PI)
  - 3–b. Send the activity request message to eBAgent (SAP Connector to eBAgent on SAP PI)
4. Send a result acquisition request to eBAgent by the scheduled job (SAP Connector to eBAgent on SAP ERP)

The result acquisition request from SAP Connector to eBAgent on SAP ERP system will be send to eBAgent (via SAP Connector to eBAgent on SAP PI system) by the periodically scheduled *Task: Result Acquisition* program (/NTTDDATA/EB\_RESULT\_REQUEST).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for  *Connector to eBAgent* → *Job Settings* → *Define Activity Request/Result Acquisition Jobs* .

At this point, the following steps are executed automatically in SAP Connector to eBAgent on SAP PI system:

- 4–a. Convert the request to eBAgent-compatible message format (SAP Connector to eBAgent on SAP PI)
  - 4–b. Send the result acquisition request message to eBAgent (SAP Connector to eBAgent on SAP PI)
  - 4–c. Receive and convert the result to Connector-compatible message format (SAP Connector to eBAgent on SAP PI)
5. Store the result from eBAgent and update the database table (SAP Connector to eBAgent on SAP ERP)


The result which is acquired from eBAgent is now saved and the following database tables are updated.

Table Name	Description
/NTTDDATA/EBT_221	Fund Transfer, Cash Concentration/Distribution (Result)
/NTTDDATA/EBT_001	Task Management
/NTTDDATA/EBT_002	Task Management (Result)
/NTTDDATA/EBT_003	Task Management (Result) – Account Information
/NTTDDATA/EBT_004	Bank Message (Result Message from Bank)

6. Confirm the result of cash distribution (SAP Connector to eBAgent on SAP ERP)



You can confirm the result of cash distribution using the Task Management function as below.

Execute transaction /NTTDDATA/EB\_T9000, then the *Task Management* screen (program /NTTDDATA/EB\_TASK) appears.

You enter the selection criteria to search for the relevant tasks, then press the  (*Execute*) icon.

The result of cash distribution will be displayed.

## More Information

For more information, see the Application Help for SAP Connector to eBAgent in SAP Help Portal at <http://help.sap.com> under  *SAP for Industries* → *SAP for Banking* → *SAP Connector to eBAgent* → *Cash Distribution* .



## Requesting Cash Distributions (via Simulation)

You can use this business process to decentralize the funds from a parent account to multiple child accounts.

The cash distribution can be done in the following two ways:

- Execute the cash distribution directly
- Execute the cash distribution having simulated the cash distribution balance result

In this business process, the second option above is described. For the first option, see [Requesting Cash Distribution \(Directly\)](#) [Page 39].

### Prerequisites

- You have installed SAP Connector to eBAgent on the SAP ERP system and the SAP NetWeaver Process Integration (SAP PI) system. For more information, refer to the SAP Note for installation and the implementation procedure that are described in the master guide for SAP Connector to eBAgent which is available on SAP Service Marketplace at <http://service.sap.com/instguides>.
- For the use of SAP Connector to eBAgent, the following configuration related prerequisites have to be fulfilled:
  - For SAP Connector to eBAgent on SAP PI system, you have completed the required configuration settings that are delivered as the Solution Manager content for SAP Connector to eBAgent.

The configuration topics for SAP Connector to eBAgent can be found in the Solution Manager content for ► *SAP Connector to eBAgent* → *Configuration* → *SAP Connector to eBAgent 1.0* → *Basic Settings* ◀.

- For SAP Connector to eBAgent on SAP ERP system, you have maintained the solution-specific Customizing settings for SAP Connector to eBAgent.

The Customizing activities for SAP Connector to eBAgent are located in the SAP Reference IMG (transaction SPRO) under ► *SAP Customizing Implementation Guide* → *Cross-Application Components* → *Connector to eBAgent* ◀.



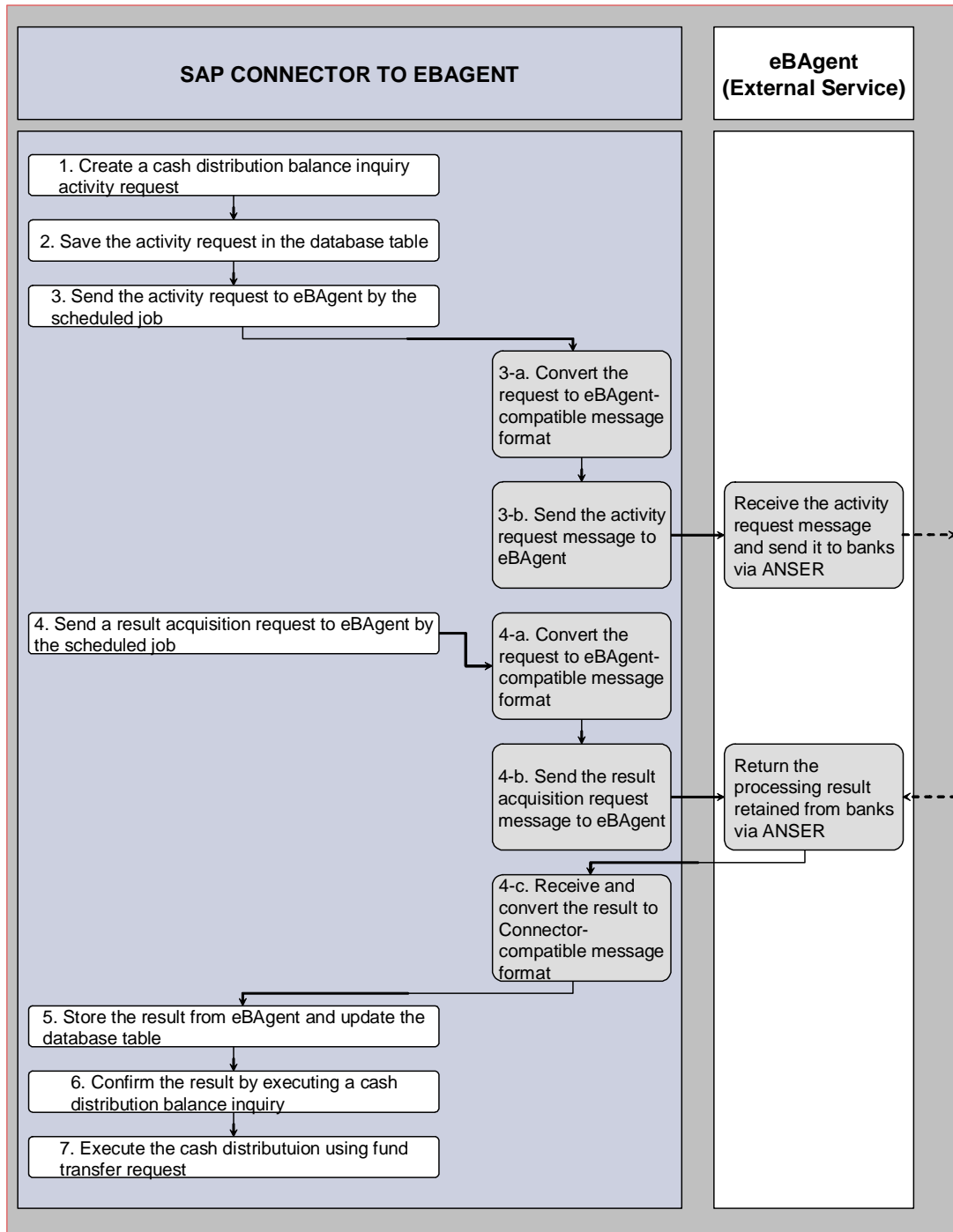
The configuration and Customizing settings which are required for the realization of this particular business process and its business process steps can be found on the corresponding *Configuration* tab for the business process or business process step in your Solution Manager system.

- To use the functions offered by SAP Connector to eBAgent, it is a prerequisite that you are able to use the eBAgent service which is offered by NTT Data Corporation (NTT Data). You need to make a separate application to NTT Data for using this service in advance.



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## Process




In the *SAP Connector to eBAGENT* swim lane in the above component view, the business process steps (boxes in white) located in the left side of the lane are executed in SAP Connector to eBAGENT on SAP ERP system, while the business process steps (boxes in gray) located in the right side of the lane are executed in SAP Connector to eBAGENT on SAP PI system.

In this business process description, the business process steps which are executed in SAP Connector to eBAgent on SAP ERP will be described in details. The business process steps which are marked in gray in the above component view, namely, the steps executed in SAP Connector to eBAgent on SAP PI and in eBAgent are presented here as a reference for a better understanding of overall picture of this business process.

The business process runs as follows:

1. Create a cash distribution balance inquiry activity request (SAP Connector to eBAgent on SAP ERP)

Execute transaction `/NTTDDATA/EB_T1410`, then the *Cash Distribution Balance Inquiry: Request Creation* screen (program `/NTTDDATA/SAPLEB_FUND_CENTR`) appears.

You enter the source (parent) and target (child) account information as well as the conditions for the cash distribution for which you want to simulate the balance after executing the cash distribution. Enter a text of your choice for the *Task Name* and press the  (*Execute*) icon.

On the *Cash Distribution Balance Inquiry: Request Confirmation* screen, mark the *Confirmed* checkbox and press the  (*Execute*) icon.

An activity request task is created and the corresponding task ID number is displayed in a pop-up.

2. Save the activity request in the database table (SAP Connector to eBAgent on SAP ERP)


By pressing the  (*Execute*) icon in the above Step 1, the activity request is now saved and the following database tables are updated.

Table Name	Description
<code>/NTTDDATA/EBT_201</code>	Fund Transfer, Cash Concentration/Distribution (Request)
<code>/NTTDDATA/EBT_001</code>	Task Management

3. Send the activity request to eBAgent by the scheduled job (SAP Connector to eBAgent on SAP ERP)

The activity request which has been created and saved in SAP Connector to eBAgent on SAP ERP system will be send to eBAgent (via SAP Connector to eBAgent on SAP PI system) by the periodically scheduled *Task: Request Sending* program (`/NTTDDATA/EB_INQUIRY_REQUEST`).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for  *Connector to eBAgent* → *Job Settings* → *Define Activity Request/Result Acquisition Jobs* .

At this point, the following steps are executed automatically in SAP Connector to eBAgent on SAP PI system:

- 3-a. Convert the request to eBAgent-compatible message format (SAP Connector to eBAgent on SAP PI)

- o 3-b. Send the activity request message to eBAgent (SAP Connector to eBAgent on SAP PI)
4. Send a result acquisition request to eBAgent by the scheduled job (SAP Connector to eBAgent on SAP ERP)

The result acquisition request from SAP Connector to eBAgent on SAP ERP system will be send to eBAgent (via SAP Connector to eBAgent on SAP PI system) by the periodically scheduled *Task: Result Acquisition* program (/NTTDDATA/EB\_RESULT\_REQUEST).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for  *Connector to eBAgent* → *Job Settings* → *Define Activity Request/Result Acquisition Jobs* .

At this point, the following steps are executed automatically in SAP Connector to eBAgent on SAP PI system:


- o 4-a. Convert the request to eBAgent-compatible message format (SAP Connector to eBAgent on SAP PI)
  - o 4-b. Send the result acquisition request message to eBAgent (SAP Connector to eBAgent on SAP PI)
  - o 4-c. Receive and convert the result to Connector-compatible message format (SAP Connector to eBAgent on SAP PI)
5. Store the result from eBAgent and update the database table (SAP Connector to eBAgent on SAP ERP)

The result which is acquired from eBAgent is now saved and the following database tables are updated.

Table Name	Description
/NTTDDATA/EBT_222	Cash Concentration/Distribution Balance
/NTTDDATA/EBT_001	Task Management
/NTTDDATA/EBT_002	Task Management (Result)
/NTTDDATA/EBT_003	Task Management (Result) – Account Information
/NTTDDATA/EBT_004	Bank Message (Result Message from Bank)

6. Confirm the result by executing a cash distribution balance inquiry (SAP Connector to eBAgent on SAP ERP)


Execute transaction /NTTDDATA/EB\_T1410\_D, then the *Cash Distribution Balance Inquiry* screen (program /NTTDDATA/EB\_TRANS\_BAL) appears.

You confirm the radio button for *Cash Distribution* is selected by default and enter the *Task ID*, then press the  (*Execute*) icon.

On the next screen (also titled *Cash Distribution Balance Inquiry*), the result of cash distribution balance inquiry will be displayed.

You can also confirm the result of cash distribution balance inquiry using the Task Management function as below.

Execute transaction /NTTDATA/EB\_T9000, then the *Task Management* screen (program /NTTDATA/EB\_TASK) appears.



You enter the selection criteria to search for the relevant tasks, then press the  (Execute) icon.

Select one task and press the *Confirm Result* button. The result of cash distribution balance inquiry will be displayed on the *Cash Distribution Balance Inquiry* screen.

7. Execute the cash distribution using fund transfer request (SAP Connector to eBAgent on SAP ERP)

From the *Cash Distribution Balance Inquiry* screen displayed in the above step 6, you can create a fund transfer request by which the simulated cash distribution can be actually executed.

Select an item for which you want to generate a fund transfer request, then press the *Fund Transfer Request* button.

On the *Fund Transfer: Request Creation* screen, press the  (Execute) icon, then the *Fund Transfer: Request Confirmation* screen appears. On this screen, check and confirm the fund transfer information by marking the *Confirmed* checkbox, then press the  (Execute) icon.

## More Information

For more information, see the Application Help for SAP Connector to eBAgent in SAP Help Portal at <http://help.sap.com> under ► *SAP for Industries* → *SAP for Banking* → *SAP Connector to eBAgent* → *Cash Distribution* ◀.



## Requesting ZENGIN File-based Inquiry Activities

You can use this business process to request file-based inquiry activities that take place based on the Japanese banking data transmission protocol "ZENGIN" using SAP Connector to eBAgent.

The following file-based inquiry activities are covered by this business process:

- Transfer Credit Notice (Incoming Payment Transfer Notification)
- Account Item (Deposit/Current)
- Account Item (Depo/Curr/Notice/Fix/Inst)

### Prerequisites

- You have installed SAP Connector to eBAgent on the SAP ERP system and the SAP NetWeaver Process Integration (SAP PI) system. For more information, refer to the SAP Note for installation and the implementation procedure that are described in the master guide for SAP Connector to eBAgent which is available on SAP Service Marketplace at <http://service.sap.com/instguides>.
- For the use of SAP Connector to eBAgent, the following configuration related prerequisites have to be fulfilled:

- For SAP Connector to eBAgent on SAP PI system, you have completed the required configuration settings that are delivered as the Solution Manager content for SAP Connector to eBAgent.

The configuration topics for SAP Connector to eBAgent can be found in the Solution Manager content for ► *SAP Connector to eBAgent → Configuration → SAP Connector to eBAgent 1.0 → Basic Settings* ◀.

- For SAP Connector to eBAgent on SAP ERP system, you have maintained the solution-specific Customizing settings for SAP Connector to eBAgent.

The Customizing activities for SAP Connector to eBAgent are located in the SAP Reference IMG (transaction *SPRO*) under ► *SAP Customizing Implementation Guide → Cross-Application Components → Connector to eBAgent* ◀.



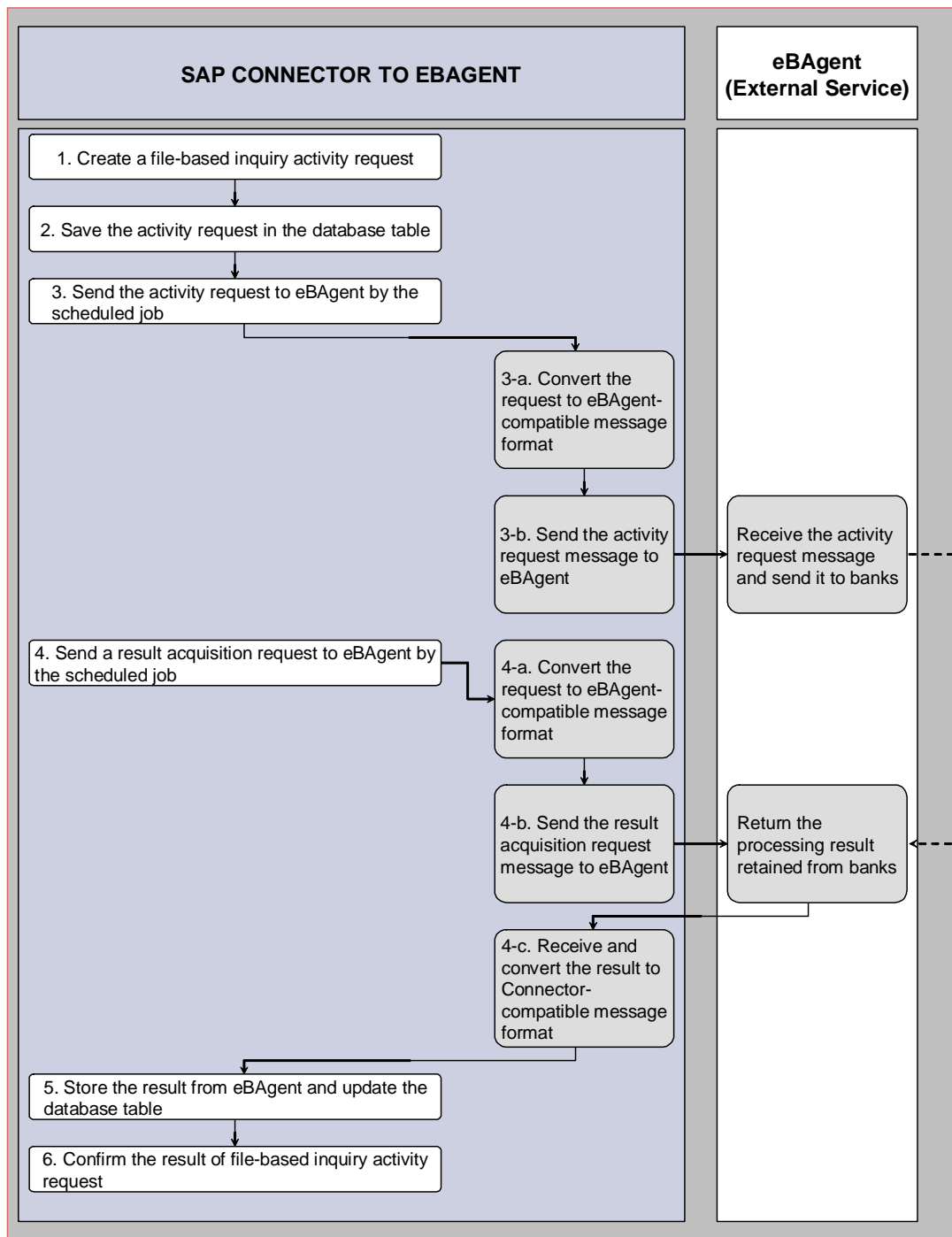
The configuration and Customizing settings which are required for the realization of this particular business process and its business process steps can be found on the corresponding *Configuration* tab for the business process or business process step in the Solution Manager content for SAP Connector to eBAgent.

- To use the functions offered by SAP Connector to eBAgent, it is a prerequisite that you are able to use the eBAgent service which is offered by NTT Data Corporation (NTT Data). You need to make a separate application to NTT Data for using this service in advance.



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## Process



In the *SAP Connector to eBAGENT* swim lane of the above component view, the business process steps (boxes in white) located in the left side of the lane are executed in SAP Connector to eBAGENT on SAP ERP system, while the business process steps (boxes in gray) located in the right side of the lane are executed in SAP Connector to eBAGENT on SAP PI system.

In this business process description, the business process steps which are executed in SAP Connector to eBAgent on SAP ERP will be described in detail. The business process steps which are marked in gray in the above component view, namely, the steps executed in SAP Connector to eBAgent on SAP PI and in eBAgent are presented here as a reference for a better understanding of overall picture of this business process.

The business process runs as follows:

1. Create a file-based inquiry activity request (SAP Connector to eBAgent on SAP ERP)

Execute transaction `/NTTDDATA/EB_T2100`, then the *ZENGIN File Transfer: Request Creation* screen (program `/NTTDDATA/EB_ZENGIN`) appears.

On this screen, you enter the following information:

#### File Transfer Information

- *File Transfer Identifier*

Specify a file transfer identifier which is mapped for an activity code that is one of the following ZENGIN file-based inquiry activities:

- *2100: Transfer Credit Notice*
- *2101: Account Item (Deposit/Current)*
- *2103: Account Item (Depo/Curr/Notice/Fix/Inst)*

- *Financial Institution*

Select either *Bank* or *Post*

- *Control Code Conversion Type*

Select either *JIS code*, *EBCDIC code*, *Automatic determination*, or *No conversion*

#### Response File

- *Response File Name*

As a result of a file-based inquiry activity request, a response file based on the ZENGIN protocol will be returned from eBAgent. To facilitate the identification of the response file, you can specify the name of the response file in advance. The directory where the response file will be stored is displayed by default based on the parameter setting done under the Customizing for `▶ Connector to eBAgent → Parameter Settings → Create Corporate Information ◀`.

Enter a text of your choice for the *Task Name* and press the  (*Execute*) icon.

An activity request task is created and the corresponding task ID number is displayed in a pop-up.

2. Save the activity request in the database table (SAP Connector to eBAgent on SAP ERP)


By pressing the  (*Execute*) icon in the above Step 1, the activity request is now saved and the following database tables are updated.

Table Name	Table Title
------------	-------------

/NTTDDATA/EBT_301	Activity Request/Result Acquisition (ZENGIN File Transfer)
/NTTDDATA/EBT_001	Task Management

3. Send the activity request to eBAgent by the scheduled job (SAP Connector to eBAgent on SAP ERP)

The activity request which has been created and saved in SAP Connector to eBAgent on SAP ERP system will be send to eBAgent (via SAP Connector to eBAgent on SAP PI system) by the periodically scheduled *Task: Request Sending* program (/NTTDDATA/EB\_INQUIRY\_REQUEST).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for ► *Connector to eBAgent → Job Settings → Define Activity Request/Result Acquisition Jobs* ◀.

At this point, the following steps are executed automatically in SAP Connector to eBAgent on SAP PI system:

- 3–a. Convert the request to eBAgent-compatible message format (SAP Connector to eBAgent on SAP PI)
- 3–b. Send the activity request message to eBAgent (SAP Connector to eBAgent on SAP PI)

4. Send a result acquisition request to eBAgent by the scheduled job (SAP Connector to eBAgent on SAP ERP)

The result acquisition request from SAP Connector to eBAgent on SAP ERP system will be send to eBAgent (via SAP Connector to eBAgent on SAP PI system) by the periodically scheduled *Task: Result Acquisition* program (/NTTDDATA/EB\_RESULT\_REQUEST).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for ► *Connector to eBAgent → Job Settings → Define Activity Request/Result Acquisition Jobs* ◀.

At this point, the following steps are executed automatically in SAP Connector to eBAgent on SAP PI system:

- 4–a. Convert the request to eBAgent-compatible message format (SAP Connector to eBAgent on SAP PI)
- 4–b. Send the result acquisition request message to eBAgent (SAP Connector to eBAgent on SAP PI)
- 4–c. Receive and convert the result to Connector-compatible message format (SAP Connector to eBAgent on SAP PI)

5. Store the result from eBAgent and update the database table (SAP Connector to eBAgent on SAP ERP)


The result which is acquired from eBAgent is now saved and the following database tables are updated.

Table Name	Table Title
/NTTDDATA/EBT_301	Activity Request/Result Acquisition (ZENGIN File Transfer)
/NTTDDATA/EBT_001	Task Management
/NTTDDATA/EBT_002	Task Management (Result)

6. Confirm the result of file-based inquiry activity request (SAP Connector to eBAgent on SAP ERP)

You can confirm the result of file-based inquiry activity request using the Task Management function as below.

Execute transaction /NTTDDATA/EB\_T9000, then the *Task Management* screen (program /NTTDDATA/EB\_TASK) appears.

You enter the selection criteria to search for the relevant tasks, then press the  (Execute) icon.

The result of file-based inquiry activity request will be displayed.

### More Information

For more information, see the Application Help for SAP Connector to eBAgent in SAP Help Portal at <http://help.sap.com> under **SAP for Industries** → **SAP for Banking** → **SAP Connector to eBAgent** → **ZENGIN File Transfer**.



## Requesting ZENGIN File-based Notification Activities

You can use this business process to request file-based transfer activities that take place based on the Japanese banking data transmission protocol "ZENGIN" using SAP Connector to eBAgent. A file-based transfer request is sent to eBAgent in a form of a notification.

The following file-based notification activities are covered by this business process:

- General Transfer Request
- Direct Deposit Transfer Request (Nongov)
- Annual Bonus Transfer Request (Nongov)
- Direct Deposit Transfer Request (Gov)
- Annual Bonus Transfer Request (Gov)

### Prerequisites

- You have installed SAP Connector to eBAgent on the SAP ERP system and the SAP NetWeaver Process Integration (SAP PI) system. For more information, refer to the SAP Note for installation and the implementation procedure that are described in the master guide for SAP Connector to eBAgent which is available on SAP Service Marketplace at <http://service.sap.com/instguides>.
- For the use of SAP Connector to eBAgent, the following configuration related prerequisites have to be fulfilled:

- For SAP Connector to eBAgent on SAP PI system, you have completed the required configuration settings that are delivered as the Solution Manager content for SAP Connector to eBAgent.

The configuration topics for SAP Connector to eBAgent can be found in the Solution Manager content for ► *SAP Connector to eBAgent* → *Configuration* → *SAP Connector to eBAgent 1.0* → *Basic Settings* ◀.

- For SAP Connector to eBAgent on SAP ERP system, you have maintained the solution-specific Customizing settings for SAP Connector to eBAgent.

The Customizing activities for SAP Connector to eBAgent are located in the SAP Reference IMG (transaction `SPRO`) under ► *SAP Customizing Implementation Guide* → *Cross-Application Components* → *Connector to eBAgent* ◀.



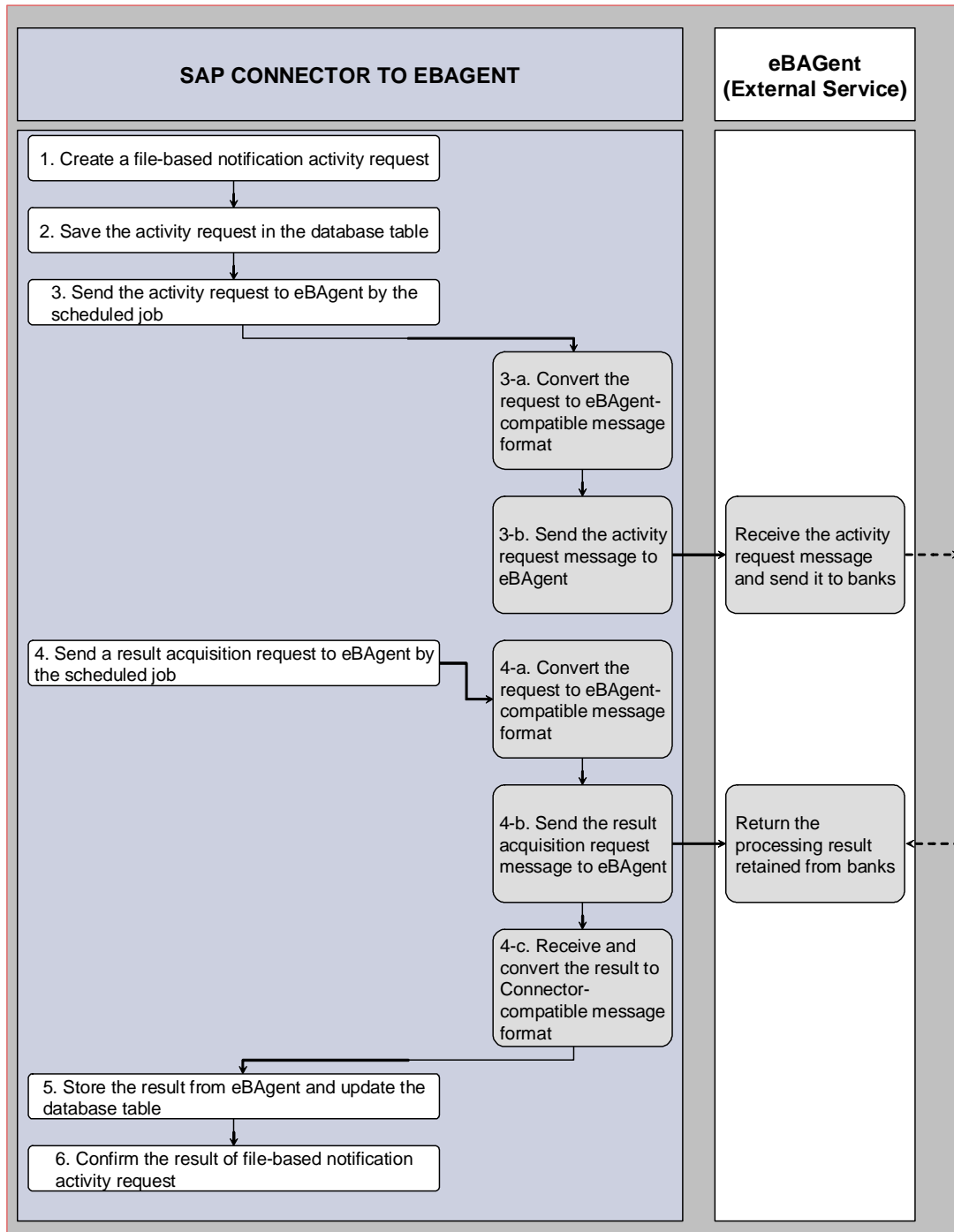
The configuration and Customizing settings which are required for the realization of this particular business process and its business process steps can be found on the corresponding *Configuration* tab for the business process or business process step in the Solution Manager content for SAP Connector to eBAgent.

- To use the functions offered by SAP Connector to eBAgent, it is a prerequisite that you are able to use the eBAgent service which is offered by NTT Data Corporation (NTT Data). You need to make a separate application to NTT Data for using this service in advance.



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## Process





In the *SAP Connector to eBAgent* swim lane of the above component view, the business process steps (boxes in white) located in the left side of the lane are executed in SAP Connector to eBAgent on SAP ERP system, while the business process steps (boxes in gray) located in the right side of the lane are executed in SAP Connector to eBAgent on SAP PI system.

In this business process description, the business process steps which are executed in SAP Connector to eBAgent on SAP ERP will be described in detail. The business process steps which are marked in gray in the above component view, namely, the steps executed in SAP Connector to eBAgent on SAP PI and in eBAgent are presented here as a reference for a better understanding of overall picture of this business process.

The business process runs as follows:

1. Create a file-based notification activity request (SAP Connector to eBAgent on SAP ERP)

Execute transaction `/NTTDATA/EB_T2100`, then the *ZENGIN File Transfer: Request Creation* screen (program `/NTTDATA/EB_ZENGIN`) appears.

On this screen, you enter the following information:

#### **File Transfer Information**

- *File Transfer Identifier*

Specify a file transfer identifier which is mapped for an activity code that is one of the following ZENGIN file-based notification activities:

- *2201: General Transfer Request*
- *2202: Direct Deposit Transfer Request (Nongov)*
- *2203: Annual Bonus Transfer Request (Nongov)*
- *2206: Direct Deposit Transfer Request (Gov)*
- *2207: Annual Bonus Transfer Request (Gov)*

- *Financial Institution*

Select either *Bank* or *Post*

- *Control Code Conversion Type*

Select either *JIS code*, *EBCDIC code*, *Automatic determination*, or *No conversion*

#### **Request File**

- *Request File Name*

Enter the name of the request file which includes the transfer request information based on the ZENGIN protocol record format. The directory where the request file must be stored is displayed by default in the *Request File Directory* field based on the parameter setting done under the Customizing for **Connector to eBAgent** → *Parameter Settings* → *Create Corporate Information* ↩.

ZENGIN format files can be generated using the various SAP standard programs, such as the following examples.



- *Automatic Payment Transactions: Status* (program `SAPF110V`, transaction `F110`) for SAP ERP Financials
- *Payment Medium Japan – Domestic DME (and Bank Charges)* (program `RFFOJP_T`, transaction `PC00_M22_FFOT`) for SAP ERP Human Resources

Enter a text of your choice for the *Task Name* and press the (*Execute*) icon.

An activity request task is created and the corresponding task ID number is displayed in a pop-up.

2. Save the activity request in the database table (SAP Connector to eAgent on SAP ERP)

By pressing the (*Execute*) icon in the above Step 1, the activity request is now saved and the following database tables are updated.

Table Name	Table Title
/NTTDATA/EBT_301	Activity Request/Result Acquisition (ZENGIN File Transfer)
/NTTDATA/EBT_001	Task Management

3. Send the activity request to eAgent by the scheduled job (SAP Connector to eAgent on SAP ERP)

The activity request which has been created and saved in SAP Connector to eAgent on SAP ERP system will be send to eAgent (via SAP Connector to eAgent on SAP PI system) by the periodically scheduled *Task: Request Sending* program (/NTTDATA/EB\_INQUIRY\_REQUEST).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for *Connector to eAgent* → *Job Settings* → *Define Activity Request/Result Acquisition Jobs* .

At this point, the following steps are executed automatically in SAP Connector to eAgent on SAP PI system:

- 3–a. Convert the request to eAgent-compatible message format (SAP Connector to eAgent on SAP PI)
  - 3–b. Send the activity request message to eAgent (SAP Connector to eAgent on SAP PI)
4. Send a result acquisition request to eAgent by the scheduled job (SAP Connector to eAgent on SAP ERP)

The result acquisition request from SAP Connector to eAgent on SAP ERP system will be send to eAgent (via SAP Connector to eAgent on SAP PI system) by the periodically scheduled *Task: Result Acquisition* program (/NTTDATA/EB\_RESULT\_REQUEST).

For this program to run as a periodically scheduled job, the conditions for starting the job and the frequency value need to be defined using the SAP NetWeaver standard Background Job Processing function.

For more information, see Customizing for **▶ Connector to eBAgent → Job Settings → Define Activity Request/Result Acquisition Jobs ◀**.

At this point, the following steps are executed automatically in SAP Connector to eBAgent on SAP PI system:

- 4–a. Convert the request to eBAgent-compatible message format (SAP Connector to eBAgent on SAP PI)
  - 4–b. Send the result acquisition request message to eBAgent (SAP Connector to eBAgent on SAP PI)
  - 4–c. Receive and convert the result to Connector-compatible message format (SAP Connector to eBAgent on SAP PI)
5. Store the result from eBAgent and update the database table (SAP Connector to eBAgent on SAP ERP)


The result which is acquired from eBAgent is now saved and the following database tables are updated.

Table Name	Table Title
/NTTDDATA/EBT_301	Activity Request/Result Acquisition (ZENGIN File Transfer)
/NTTDDATA/EBT_001	Task Management
/NTTDDATA/EBT_002	Task Management (Result)

6. Confirm the result of file-based notification activity request (SAP Connector to eBAgent on SAP ERP)

You can confirm the result of file-based notification activity request using the Task Management function as below.

Execute transaction /NTTDDATA/EB\_T9000, then the *Task Management* screen (program /NTTDDATA/EB\_TASK) appears.

You enter the selection criteria to search for the relevant tasks, then press the  (Execute) icon.

The result of file-based notification activity request will be displayed.

## More Information

For more information, see the Application Help for SAP Connector to eBAgent in SAP Help Portal at <http://help.sap.com> under **▶ SAP for Industries → SAP for Banking → SAP Connector to eBAgent → ZENGIN File Transfer ◀**.



## Inquiry of Request Details

You can use this business process to review the details of your activity request based on bank code, branch code and account number.

### Prerequisites

#### General Prerequisites

- You have installed SAP Connector to eBAgent on the SAP ERP system and the SAP NetWeaver Process Integration (SAP PI) system. For more information, refer to the SAP Note for installation and the implementation procedure that are described in the master guide for SAP Connector to eBAgent which is available on SAP Service Marketplace at <http://service.sap.com/instguides>.
- For the use of SAP Connector to eBAgent, the following configuration related prerequisites have to be fulfilled:

- For SAP Connector to eBAgent on SAP PI system, you have completed the required configuration settings that are delivered as the Solution Manager content for SAP Connector to eBAgent.

The configuration topics for SAP Connector to eBAgent can be found in the Solution Manager content for ► *SAP Connector to eBAgent* → *Configuration* → *SAP Connector to eBAgent 1.0* → *Basic Settings* ◀.

- For SAP Connector to eBAgent on SAP ERP system, you have maintained the solution-specific Customizing settings for SAP Connector to eBAgent.

The Customizing activities for SAP Connector to eBAgent are located in the SAP Reference IMG (transaction *SPRO*) under ► *SAP Customizing Implementation Guide* → *Cross-Application Components* → *Connector to eBAgent* ◀.



The configuration and Customizing settings which are required for the realization of this particular business process and its business process steps can be found on the corresponding *Configuration* tab for the business process or business process step in your Solution Manager system.

- To use the functions offered by SAP Connector to eBAgent, it is a prerequisite that you are able to use the eBAgent service which is offered by NTT Data Corporation (NTT Data). You need to make a separate application to NTT Data for using this service in advance.

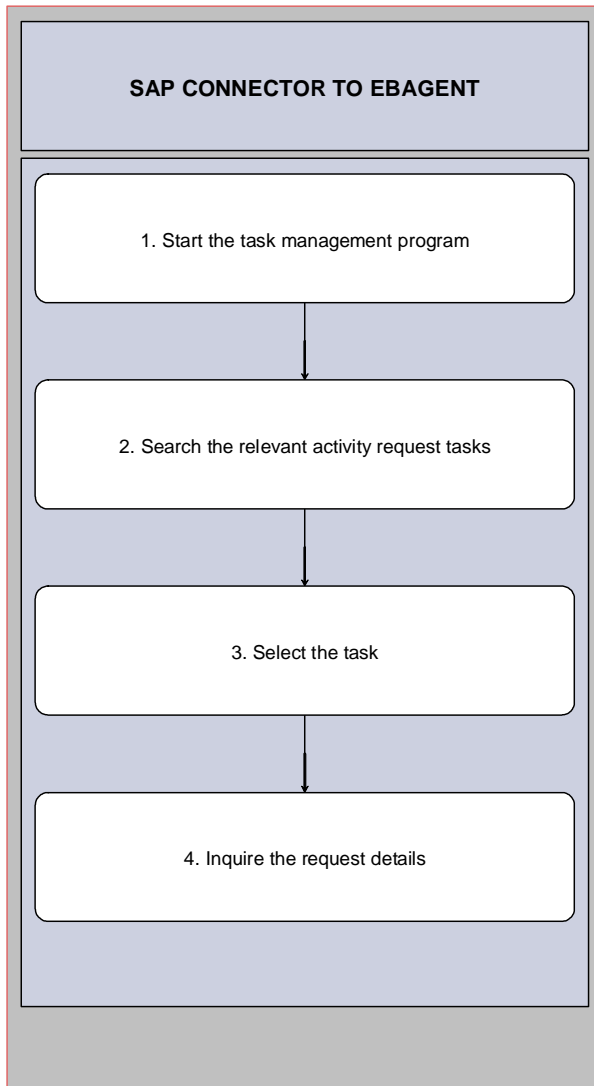


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#### Business Process-specific Prerequisites

- An activity request task has been created in SAP Connector to eBAgent on SAP ERP system and received by eBAgent.

## Process



The business process runs as follows:

1. Start the task management program (SAP Connector to eBAgent on SAP ERP)  
Execute transaction `/NTTDATA/EB_T9000`, then the *Task Management* screen (program `/NTTDATA/EB_TASK`) appears.
2. Search the relevant activity request tasks (SAP Connector to eBAgent on SAP ERP)  
You enter the selection criteria to search the tasks that you want to inquire the request details and press the  (*Execute*) icon.
3. Select the task (SAP Connector to eBAgent on SAP ERP)  
On the *Activity Request Task List* screen, select a task, for which you want to inquire the request details, from the list of tasks that match your search criteria.



You can select only **one** task at a time.

If you select more than one task, an error message will be displayed.

4. Inquire the request details (SAP Connector to eBAgent on SAP ERP)

Press the *Inquire Request* button, then the request details of the task will be displayed.

### **More Information**

For more information, see the Application Help for SAP Connector to eBAgent in SAP Help Portal at <http://help.sap.com> under ► *SAP for Industries* → *SAP for Banking* → *SAP Connector to eBAgent* → *Task Management* ◀.



## Confirming Result

You can use this business process to check and confirm the current processing status of your activity request.

### Prerequisites

#### General Prerequisites

- You have installed SAP Connector to eBAgent on the SAP ERP system and the SAP NetWeaver Process Integration (SAP PI) system. For more information, refer to the SAP Note for installation and the implementation procedure that are described in the master guide for SAP Connector to eBAgent which is available on SAP Service Marketplace at <http://service.sap.com/instguides>.
- For the use of SAP Connector to eBAgent, the following configuration related prerequisites have to be fulfilled:

- For SAP Connector to eBAgent on SAP PI system, you have completed the required configuration settings that are delivered as the Solution Manager content for SAP Connector to eBAgent.

The configuration topics for SAP Connector to eBAgent can be found in the Solution Manager content for ► *SAP Connector to eBAgent* → *Configuration* → *SAP Connector to eBAgent 1.0* → *Basic Settings* ◀.

- For SAP Connector to eBAgent on SAP ERP system, you have maintained the solution-specific Customizing settings for SAP Connector to eBAgent.

The Customizing activities for SAP Connector to eBAgent are located in the SAP Reference IMG (transaction *SPRO*) under ► *SAP Customizing Implementation Guide* → *Cross-Application Components* → *Connector to eBAgent* ◀.



The configuration and Customizing settings which are required for the realization of this particular business process and its business process steps can be found on the corresponding *Configuration* tab for the business process or business process step in your Solution Manager system.

- To use the functions offered by SAP Connector to eBAgent, it is a prerequisite that you are able to use the eBAgent service which is offered by NTT Data Corporation (NTT Data). You need to make a separate application to NTT Data for using this service in advance.

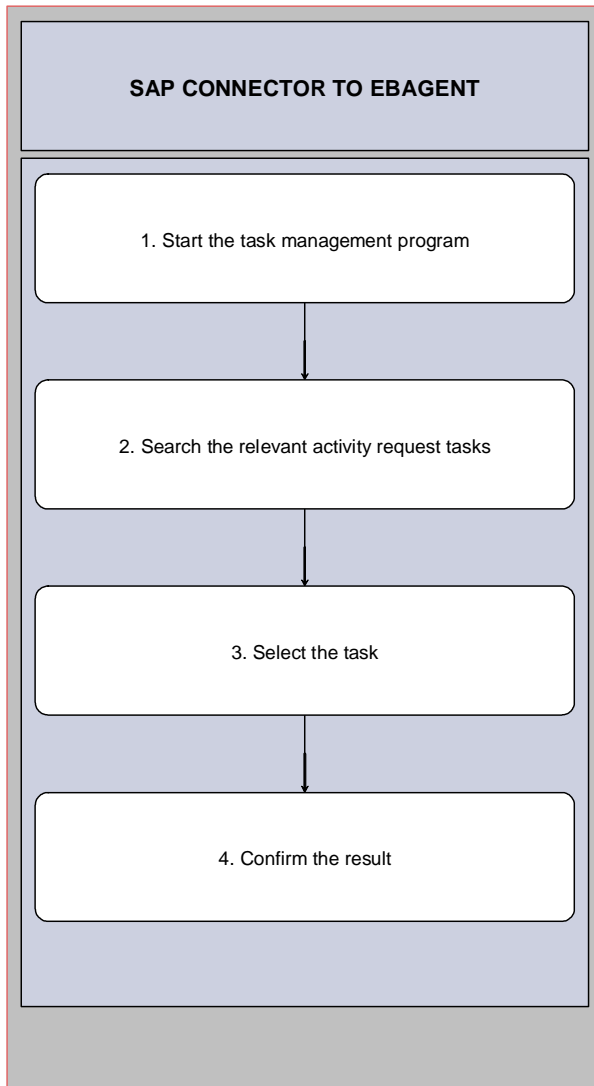


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#### Business Process-specific Prerequisites

- An activity request task has been created in SAP Connector to eBAgent on SAP ERP system and received by eBAgent.

## Process




The business process runs as follows:

1. Start the task management program (SAP Connector to eBAgent on SAP ERP)

Execute transaction `/NTTDATA/EB_T9000`, then the *Task Management* screen (program `/NTTDATA/EB_TASK`) appears.

2. Search the relevant activity request tasks (SAP Connector to eBAgent on SAP ERP)

You enter the selection criteria to search the tasks that you want to confirm the result and press the  (*Execute*) icon.

3. Select the task (SAP Connector to eBAgent on SAP ERP)

On the *Activity Request Task List* screen, select a task, for which you want to confirm the result, from the list of tasks that match your search criteria.



You can select only **one** task at a time.

If you select more than one task, an error message will be displayed.

4. Confirm the result (SAP Connector to eBAgent on SAP ERP)

Press the *Confirm Result* button, then the result of the task will be displayed.

### **More Information**

For more information, see the Application Help for SAP Connector to eBAgent in SAP Help Portal at <http://help.sap.com> under ► *SAP for Industries* → *SAP for Banking* → *SAP Connector to eBAgent* → *Task Management* ◀.



## Re-Processing of Activity Request Task

You can use this business process to make a re-process request for the tasks which have been requested, but have not been processed yet for some reasons, such as ended in an error.

### Prerequisites

#### General Prerequisites

- You have installed SAP Connector to eBAgent on the SAP ERP system and the SAP NetWeaver Process Integration (SAP PI) system. For more information, refer to the SAP Note for installation and the implementation procedure that are described in the master guide for SAP Connector to eBAgent which is available on SAP Service Marketplace at <http://service.sap.com/instguides>.
- For the use of SAP Connector to eBAgent, the following configuration related prerequisites have to be fulfilled:

- For SAP Connector to eBAgent on SAP PI system, you have completed the required configuration settings that are delivered as the Solution Manager content for SAP Connector to eBAgent.

The configuration topics for SAP Connector to eBAgent can be found in the Solution Manager content for ► *SAP Connector to eBAgent* → *Configuration* → *SAP Connector to eBAgent 1.0* → *Basic Settings* ◀.

- For SAP Connector to eBAgent on SAP ERP system, you have maintained the solution-specific Customizing settings for SAP Connector to eBAgent.

The Customizing activities for SAP Connector to eBAgent are located in the SAP Reference IMG (transaction SPRO) under ► *SAP Customizing Implementation Guide* → *Cross-Application Components* → *Connector to eBAgent* ◀.



The configuration and Customizing settings which are required for the realization of this particular business process and its business process steps can be found on the corresponding *Configuration* tab for the business process or business process step in your Solution Manager system.

- To use the functions offered by SAP Connector to eBAgent, it is a prerequisite that you are able to use the eBAgent service which is offered by NTT Data Corporation (NTT Data). You need to make a separate application to NTT Data for using this service in advance.

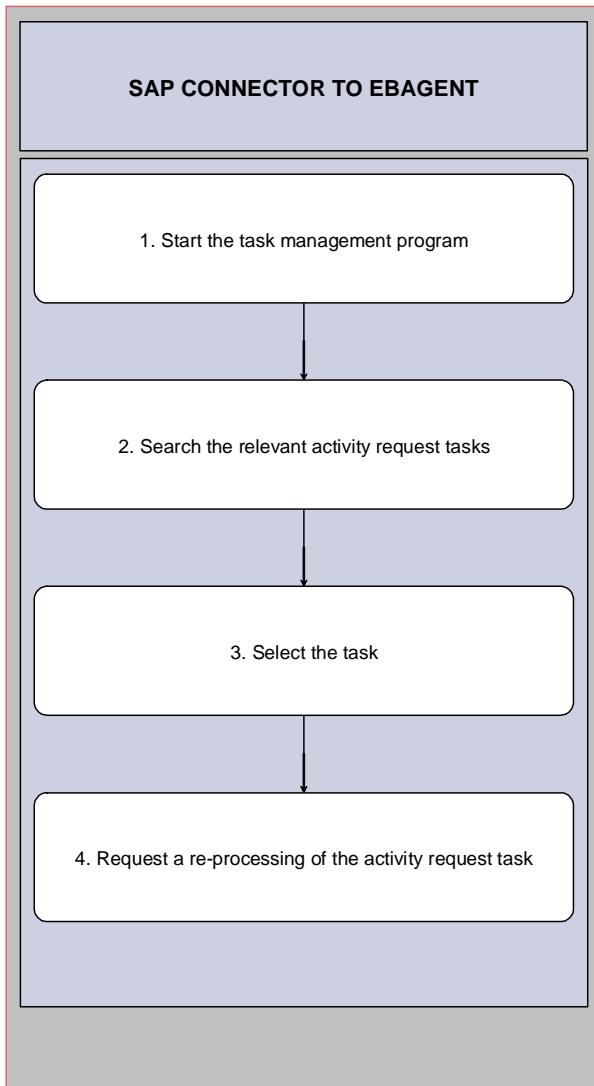


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#### Business Process-specific Prerequisites

- An activity request task has been created in SAP Connector to eBAgent on SAP ERP system and received by eBAgent.

## Process



The business process runs as follows:

1. Start the task management program (SAP Connector to eBAgent on SAP ERP)  
Execute transaction `/NTTDATA/EB_T9000`, then the *Task Management* screen (program `/NTTDATA/EB_TASK`) appears.
2. Search the relevant activity request tasks (SAP Connector to eBAgent on SAP ERP)  
You enter the selection criteria to search the tasks that you want to make a re-processing request and press the  (*Execute*) icon.
3. Select the task (SAP Connector to eBAgent on SAP ERP)  
On the *Activity Request Task List* screen, select a task, for which you want to make a re-processing request, from the list of tasks that match your search criteria.



You can select only **one** task at a time.

If you select more than one task, an error message will be displayed.

4. Request a re-processing of the activity request task (SAP Connector to eBAgent on SAP ERP)

Press the *Re-Process* button, then the re-processing request will be created as a new task.

The new task created will be taken into account when the periodically scheduled *Task: Request Sending* program (/NTTDATA/EB\_INQUIRY\_REQUEST) runs next time and sent to eBAgent.

### More Information

For more information, see the Application Help for SAP Connector to eBAgent in SAP Help Portal at <http://help.sap.com> under ► *SAP for Industries* → *SAP for Banking* → *SAP Connector to eBAgent* → *Task Management* ◀.



## Changing Priority

You can use this business process to change the priority which is assigned to each task for activity request based on your business needs.

### Prerequisites

#### General Prerequisites

- You have installed SAP Connector to eBAgent on the SAP ERP system and the SAP NetWeaver Process Integration (SAP PI) system. For more information, refer to the SAP Note for installation and the implementation procedure that are described in the master guide for SAP Connector to eBAgent which is available on SAP Service Marketplace at <http://service.sap.com/instguides>.
- For the use of SAP Connector to eBAgent, the following configuration related prerequisites have to be fulfilled:

- For SAP Connector to eBAgent on SAP PI system, you have completed the required configuration settings that are delivered as the Solution Manager content for SAP Connector to eBAgent.

The configuration topics for SAP Connector to eBAgent can be found in the Solution Manager content for ► *SAP Connector to eBAgent* → *Configuration* → *SAP Connector to eBAgent 1.0* → *Basic Settings* ◀.

- For SAP Connector to eBAgent on SAP ERP system, you have maintained the solution-specific Customizing settings for SAP Connector to eBAgent.

The Customizing activities for SAP Connector to eBAgent are located in the SAP Reference IMG (transaction *SPRO*) under ► *SAP Customizing Implementation Guide* → *Cross-Application Components* → *Connector to eBAgent* ◀.



The configuration and Customizing settings which are required for the realization of this particular business process and its business process steps can be found on the corresponding *Configuration* tab for the business process or business process step in your Solution Manager system.

- To use the functions offered by SAP Connector to eBAgent, it is a prerequisite that you are able to use the eBAgent service which is offered by NTT Data Corporation (NTT Data). You need to make a separate application to NTT Data for using this service in advance.

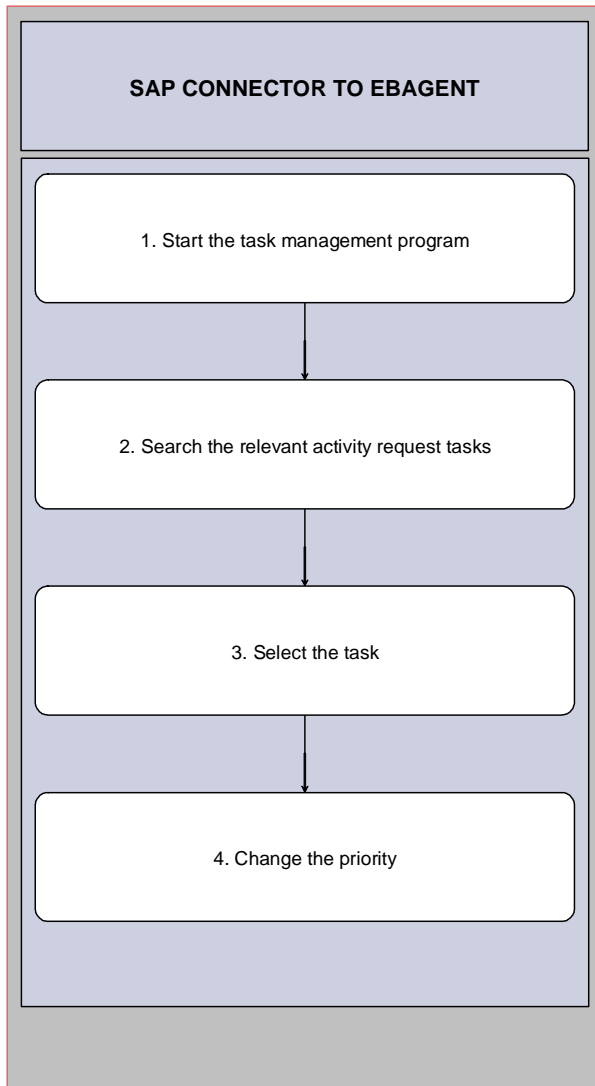


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#### Business Process-specific Prerequisites

- An activity request task has been created in SAP Connector to eBAgent on SAP ERP system and received by eBAgent.

## Process



The business process runs as follows:


1. Start the task management program (SAP Connector to eBAgent on SAP ERP)  
Execute transaction `/NTTDATA/EB_T9000`, then the *Task Management* screen (program `/NTTDATA/EB_TASK`) appears.
2. Search the relevant activity request tasks (SAP Connector to eBAgent on SAP ERP)  
You enter the selection criteria to search the tasks that you want to change the priority and press the  (*Execute*) icon.
3. Select the task (SAP Connector to eBAgent on SAP ERP)  
On the *Activity Request Task List* screen, select a task, for which you want to change the priority, from the list of tasks that match your search criteria.



You can select only **one** task at a time.



If you select more than one task, an error message will be displayed.

4. Change the priority (SAP Connector to eBAgent on SAP ERP)

Press the *Change Priority* button, then the *Choose Priority* pop-up appears. Change the priority as required and press the  (*Continue*) icon. The priority for the task will be changed.

The new priority assigned will be taken into account when the periodically scheduled *Task: Request Sending* program (/NTTDATA/EB\_INQUIRY\_REQUEST) runs next time.

### More Information

For more information, see the Application Help for SAP Connector to eBAgent in SAP Help Portal at <http://help.sap.com> under  *SAP for Industries* → *SAP for Banking* → *SAP Connector to eBAgent* → *Task Management* .



## Inquiry of Reception IDs

You can use this business process to search the reception IDs which are issued by eBAgent upon receiving the activity requests that have been created in and sent from SAP Connector to eBAgent.

### Prerequisites

#### General Prerequisites

- You have installed SAP Connector to eBAgent on the SAP ERP system and the SAP NetWeaver Process Integration (SAP PI) system. For more information, refer to the SAP Note for installation and the implementation procedure that are described in the master guide for SAP Connector to eBAgent which is available on SAP Service Marketplace at <http://service.sap.com/instguides>.

- For the use of SAP Connector to eBAgent, the following configuration related prerequisites have to be fulfilled:

- For SAP Connector to eBAgent on SAP PI system, you have completed the required configuration settings that are delivered as the Solution Manager content for SAP Connector to eBAgent.

The configuration topics for SAP Connector to eBAgent can be found in the Solution Manager content for ► *SAP Connector to eBAgent* → *Configuration* → *SAP Connector to eBAgent 1.0* → *Basic Settings* ◀.

- For SAP Connector to eBAgent on SAP ERP system, you have maintained the solution-specific Customizing settings for SAP Connector to eBAgent.

The Customizing activities for SAP Connector to eBAgent are located in the SAP Reference IMG (transaction SPRO) under ► *SAP Customizing Implementation Guide* → *Cross-Application Components* → *Connector to eBAgent* ◀.



The configuration and Customizing settings which are required for the realization of this particular business process and its business process steps can be found on the corresponding *Configuration* tab for the business process or business process step in your Solution Manager system.

- To use the functions offered by SAP Connector to eBAgent, it is a prerequisite that you are able to use the eBAgent service which is offered by NTT Data Corporation (NTT Data). You need to make a separate application to NTT Data for using this service in advance.

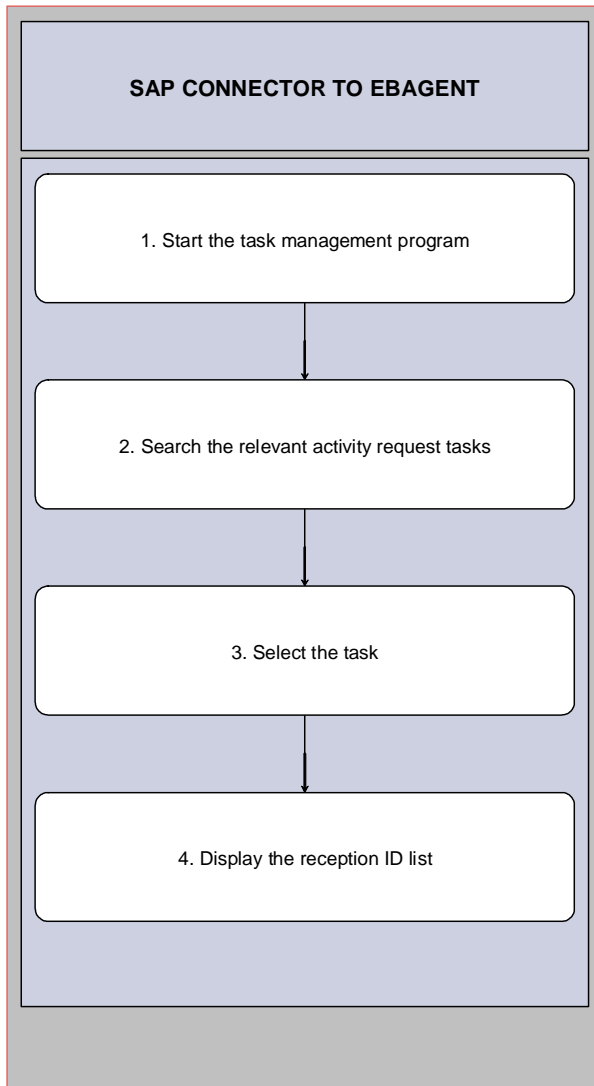


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#### Business Process-specific Prerequisites

- An activity request task has been created in SAP Connector to eBAgent on SAP ERP system and received by eBAgent.

## Process



The business process runs as follows:

1. Start the task management program (SAP Connector to eBAgent on SAP ERP)  
Execute transaction `/NTTDATA/EB_T9000`, then the *Task Management* screen (program `/NTTDATA/EB_TASK`) appears.
2. Search the relevant activity request tasks (SAP Connector to eBAgent on SAP ERP)  
You enter the selection criteria to search the tasks that you want to inquire the reception IDs and press the  (*Execute*) icon.
3. Select the task (SAP Connector to eBAgent on SAP ERP)  
On the *Activity Request Task List* screen, select a task, for which you want to inquire the reception ID, from the list of tasks that match your search criteria.




You can select only **one** task at a time.

If you select more than one task, an error message will be displayed.

4. Display the reception ID list (SAP Connector to eBAgent on SAP ERP)

Press the *Reception ID List* button, then the *Reception ID Inquiry* screen (program /NTTDATA/EB\_REC\_ID\_DISP) appears.

You enter the selection criteria to search the tasks that you want to inquire the reception IDs as below and press the  (*Execute*) icon.

In *Inquiry Object* section, select one of the following options:

- *Display the Latest 50 Items*

Select this radio button when you want to display 50 items in descending order from the latest reception ID.

- *Display the Following 50 Items*

Select this radio button when you want to display 50 items in ascending order following on from the reception ID that you specify in *Reception ID*.



If you want to call the *Reception ID Inquiry* program (/NTTDATA/EB\_REC\_ID\_DISP) directly, execute transaction /NTTDATA/EB\_T9200.

## More Information

For more information, see the Application Help for SAP Connector to eBAgent in SAP Help Portal at <http://help.sap.com> under ► *SAP for Industries* → *SAP for Banking* → *SAP Connector to eBAgent* → *Task Management* → *Reception ID Inquiry* ◀.