# ALE Configuration Steps

#### Notes:

 Make sure the Sender and Receiver systems are maintained correctly before you implement the steps below. Logic System Maintenance and Remote Connection Maintenance are necessary
 In the steps blow, system W92 with client 500 is taken as an example of the Sender System and system U92 with client 012 is taken as the Receiver System.

### 1. Configure Distribution Model

This is created in the original system (the sender system) and then distributed to other systems. To create the model, you need to enter a technical name for the model (a unique identifier in the system landscape), a sender system, a receiver system and message types to enable exchanges between those systems.

- A. In W92 client 200, go to Transaction BD64.
- B. Click on the **Change** button <sup>12</sup> to enter the edit mode.
- C. Click on the *Create Model View* button Create Model View and enter the short text of the model view name and technical name..

🔄 Create Model Vi	ew	×
Short text	BAM Master Sfin	
Technical name	Bam_mast	
Start date	18.04.2016	
End Date	31.12.9999	

- D. Click on the **OK** button **I** to save and continue.
- E. Select the created model and click on the **Add BAPI** button Add BAPI
- F. Assign the Sender as W92CLNT200, and the Receiver as U92CLNT012.

🔄 Add BAPI	×
Model view	BAM_MAST
Sender/client	W92CLNT200
Receiver/server	U92CLNT012
Obi name/interface	
Method	
	✓ ×

In the *Obj.name/interface* field, click on the *Input Help* button use to get the relevant **Business Object**.

🖙 Object name 500 Entries		X
Object name	Description	
AssetInvestSupport	Assets: Investment Support	
AssetPostCapitaliztn	Asset Post-Capitalization	
AssetRetirement	Asset Retirement	
AssetRevaluation	Assets: Revaluation	11
AssetReversalDoc	Asset Document Reversal	
AssetSubCostRev	Assets: Subsequent Costs and Revenue	
AssetTransfer	Assets: Transfer	
AssetValueAdjust	Assets: Depreciation	
AssetWriteUp	Assets: Write-Up	
Assortment	Assortment	
AssortmentList	Assortment list	
Attendee	Attendee	
BBPIncomingInvoice	EBP Incoming Invoice	
BPContactPersonRel	Business Partner Contact Person Relationship	
BPEmployeeRelation	Business Partner Employee Relationship	
BPGenShareholderRel	Business Partner Relationship with Shareholding Data	
BPShareholderRel	Business Partner Shareholder Relationship	
BUSHBANK	House bank master data distribute	
BackgroundJob	Externally controllable background (an interface)	
Bank	Bank	
BankAcctReplication	BAM Master Replication	
BapiService	General service functions for BAPIs	1
Barcode	SAP ArchiveLink bar code entry	
Batch	Batch	
BatchSpecMaterialUoM	Batch-specific material unit of measure	
BudgetEntryDocFM	Budgeting Entry Document Funds Manageme	
BudgetEntryDocGM	Budgeting Entry Document Grants Management (Posted)	
BudgetFM	Budget Funds Management	
BuildingREFX	Building (RE-FX)	
BusPartnerContact	Partner Sales Activity	
BusPartnerEmployee	Business partner employee	
BusProcStructureCO	Business Process Structure CO	
		✓ 7 % M ×

H. Click on the OK button  $\checkmark$  to continue.

🔄 Add BAPI	×
Model view	BAM_MAST
Sender/client	W92CLNT200
Receiver/server	U92CLNT012
Obj. name/interface	BankAcctReplication
Method	R

I. In the *Method* field, click on the *Input Help* button to get the relevant **Method** assigned to the **Business Object**.

		×
		٦
Element	Description	
BamAmdBnkant	BAM Master Replication	
		-
		<u> </u>
	Element BamAmdBnkant	Element     Description       BamAmdBnkant     BAM Master Replication

J. Select the assigned method, and click on the **OK** button **I** to continue.

🖙 Add BAPI		×
Model view	BAM_MAST	
Sender/client	W92CLNT200	
Receiver/server	U92CLNT012	
Obj. name/interface	BankAcctReplication	
Method	BamAmdBnkant	ja
		<b>×</b>

K. Click on the **OK** button **I** to save and continue.

🔄 Distribution Model Edit Goto Environment	System Help 글 🖞 🏠 🎝 🎝 🎝 💭 🔽 🛛 🥥 🖳		×
Distribution Model Changed         *> 100 QL 101 Line Address         *> 100 QL 101 Line Address	w 🚏 Filter Model Display 🗋 Create Model View	Add BAPI Add Message Type	
Distribution Model  Model Views  ALE_SYNC  ALE bank account master data  BANK Master Sin  Customizing Data Synchronization  BANK Scenarios  Customizing Data Synchronization  Customizing Data Synch	Description / Technical Name ALE_SYNC . No short text exists ALE_BANK BAM_MAST CRM52 CONTRLDATA Pe MM-PUR1 Rt MM-PUR2 QM-CONTRR CONTRL	Business Object	
A There is Scenarios     Logistics Scenarios     Master Data Distribution (MDM)	INTENDET INTENDET LOGISTICS MASTERDATA		
<,>	, 	▷   W92 (1) 200 ▼    dciw92   INS   🕍   !	⊊   <b>6</b>

L. Go back to the main screen of Transaction **BD64**, click on the **Save** button 🖶 to save the model view.

FOR EXTEND use

Refer to the following steps, if you need to implement a newly extended BAPI.

Distribution Model Edit Goto Environment	System Help		
Display Distribution Model		-	
🕞 🕄 🛅 🗇 🚰 Check Models 🛛 📢 System	View 🏾 📅 Filter Model Display 📄 Create Mod	el View 🗋 Add BAPI 📄 Add Message Type	
stribution Model	Description / Technical Name	Business Object	
Model Views			
Baran ALE_SYNC	ALE_SYNC . No short text exists		
Balance account master data	ALE_BANK		
ALEAUD state back from E17	ALEAUD_E17		
ALEAUD status call back from E18	ALEAUD_E18		
<ul> <li>BAM Master Sfin</li> </ul>	BAM_MAST		
GRM Scenarios	CRMSZ		
<ul> <li>Ed Customizing Data Synchronization</li> </ul>	CONTRIDATA		
Example of MM contract distribution (filering	at he MM-PUR1		
Example of MM contract distribution (filtering)	g at it MM-PUR2		
<ul> <li>Example of distributing test settings</li> </ul>	QM-CONTR		
<ul> <li>HR &lt;-&gt; FI Scenario</li> </ul>	HRFICOUPLI		
<ul> <li>Internet Scenarios</li> </ul>	INTERNET		
<ul> <li>Logistics Scenarios</li> </ul>	LOGISTICS		
<ul> <li>Master Data Distribution (MDM)</li> </ul>	MASTERDATA		
Send Barn and house bank from ER9	BAM_HBANK		
Send status to sender system	ALEAUD		
FT T0	TECT EVT		
TEST_Send_housebank_extension	TED LEAT		

2. In the edit mode, select the previous Model View and click on the **Delete** button to delete it.

(If it's not in the edit mode, the *Delete* button is not available.)

Distribution Model Edit Goto Environment	System Help			
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Change Distribution Model				
🕫 🕄 🛅 🖆 🖆 Check Models 🛛 🔩 System Vi	ew 🏾 🚏 Filter Model Display	Create Model View	🗅 Add BAPI	Add Message Type
tribu Delete Selected Object (Shift+F2)	Description / Technical N	ame	Business	s Object
Model Views				
Bar ALE_SYNC	ALE_SYNC . No short tex	t exists		
ALE bank account master data	ALE_BANK			
ALEAUD state back from E17	ALEAUD_E17			
<ul> <li>Base ALEAUD status call back from E18</li> </ul>	ALEAUD_E18			
BAM Master Sfin	BAM_MAST			
CRM Scenarios	CRMSZ			
<ul> <li>Egg Customizing Data Synchronization</li> </ul>	CONTRLDATA			
<ul> <li>Esample of MM contract distribution (filering a</li> </ul>	he MM-PUR1			
Earling and the second seco	t it MM-PUR2			
Example of distributing test settings	QM-CONTR			
<ul> <li>B HR &lt;-&gt; FI Scenario</li> </ul>	HRFICOUPLI			
<ul> <li>23 Internet Scenarios</li> </ul>	INTERNET			
Egg Logistics Scenarios	LOGISTICS			
<ul> <li>Baster Data Distribution (MDM)</li> </ul>	MASTERDATA			
Send Barn and house bank from ER9	BAM_HBANK			
Send status to sender system	ALEAUD			
TEST_Send_housebank_extension	TEST_EXT			
message type ALEAUD from W92	ALEAUD_W92			

- 3. Repeat the steps above to implement the new BAPI.
- M. Select the model view that you saved and choose *Environment -> Generate Partner Profiles* in the menu bar.

<u>Distribution Model</u> Edit Goto Enviro     Chi     Chi     Distribution Model Changed	ment System Help erate Partner Profile Dge Partner Profile	
🕸 🗑 🕄 🛅 🖆 ሱ Check Mo <del>dels 🔸 </del> S	rstem View 🛛 📅 Filter Model Display 🗋 Create Model View	Add BAPI 🗋 Add Message Type
Distribution Model	Description / Technical Name	Business Object
💌 📴 Model Views		
► State SYNC	ALE SYNC . No short text exists	
ALE bank account master data	ALE_BANK	
BAM Master Sfin	BAM_MAST	
CRM Scenarios	CRMSZ	
<ul> <li>Bar Customizing Data Synchronization</li> </ul>	CONTRLDATA	
<ul> <li>Base Example of MM contract distribution (</li> </ul>	filering at he MM-PUR1	
<ul> <li>Example of MM contract distribution (</li> </ul>	filtering at it MM-PUR2	
Example of distributing test settings	QM-CONTR	
HR <-> FI Scenario	HRFICOUPLI	
29 Internet Scenarios	INTERNET	
Logistics Scenarios	LOGISTICS	
Baster Data Distribution (MDM)	MASTERDATA	
• •	4.2	

- N. Enter the Receiver system (U92 with client 012) in the Partner System field.
- O. Select the *Transfer IDoc Immediately* radio button in Output Mode and the *Trigger Immediately* radio button.

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Generate Partner Profile	
Model View Partner System	BAM_MAST to C
Check Run Default Parameters for Partner Profile	
Postprocessing: Authorized Users Ty.	US User
Outb. Parameters	
Pack. Size Output Mode	100 IDocs
<ul> <li>Transfer IDoc immediately</li> <li>Collect IDocs and transfer</li> </ul>	
Inb. Parameters	
Processing Trigger immediately Trigger by background program	
	SAPY 🕒 W92 (1) 200 🔻   kiciw92   INS   🖌 🚔 🔐

- P. Click on the *Execute* button <sup>(2)</sup>.
   You now get a list with the green status, which means it's executed successfully.
- Q. Go back to main screen by clicking on the **Back** button <a>(F3)</a> twice, select the model view, and choose **Edit->Model view->Distribute** in the menu bar.

	Delete	Shift+F2	ໂລຄລຄເຮ				
	System View	Ctrl+Shift+F2					
Change Distri	Eilter Display	Ctrl+F3					
64. 🕾 🖂 🕅 🕅 .	Expand Subtree	Ctrl+Shift+F11	or Model Diceby	Croate Medal View		Add Moscono Tur	•
	Collapse Subtree	Ctrl+Shift+F12		create model view		Aud Message Typ	c
Distribution Model	Model Check	•	ion / Technical Name		Business Ob	oject	
<ul> <li>Model Views</li> </ul>	Model View	•	Create	Ctrl+F4	1		
ALE_SYNC	Add <u>B</u> API	Ctrl+F6	Create Using Tem	plate Ctrl+F5			
BAM Master	Add Message Type	Ctrl+F7	Copy	Ctrl+F12			
Scenario	Display/Edit Details	F2	Distribute				
• 🛃 Customizing	Cancel	F12	Transport				
Example of MM Example of MM Example of Mi Example of dis Standard Standard Standard Internet Scen Standard Scent	( contract distribution () tributing test settings nario arios arios istribution (MDM)	iltering at it MM-PUF QM-COI HRFICO INTERN LOGIST MASTEI	TICS				
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(							

Make sure U92CLNT012 is checked as the receiver, and click on the **OK** button **I** to continue.

You now get a distribution list with the green status, saying that the model view is distributed successfully.

년 List Edit Goto Settings System Help	
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Log of Model View Distribution	
9. 4 1 1	
Distribution of Model View BAM MAST	
Step Status Details	
Target system U92CLNT012 Model view BAM_MAST has been created	
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## 2. Configure and Check the Port

- A. In W92 Client 200, go to Transaction WE21.
- B. Choose Ports -> Transactional RFC, and find the port which is created by Transaction BD64 as a RFC Destination for system U92 with client 012(Receiving system).

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Ints Description	Port A000000016 Description outbound port to system U92 client 012
A00000015     Onnect CM17 Clent 715     A00000016     outbound port to system U92 clent 012     A0000001     test w92_012     Fie     Fie     ADAPPI     XML File     XML HTTP	Version UD0c rec.types SAP Release 3.0/3.1 UD0c record types SAP Release 4.x

Note: If the port has not been generated, you need to create the port manually by the following steps:

- 1. To start creating a port, go to Transaction WE21.
- 2. Choose *Ports -> Transactional RFC* and click on the *Create* button .

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orts	Description		
<ul> <li>Ports</li> <li>Transactional REC</li> </ul>			
A000000015     A000000016     A000000017	Connect QM7 Client 715 outbound port to system U92 client 012 test w92_012		
	Create tRFC port     Generate port name     own port name		
	Name []		
	4 P		
		SAF	🛛 W92 (3) 200 👻 ldciw92   INS 🗐 🐃 📋

3. Select *Generate port name* radio button and click on the *OK* button *I* to generate RFC port automatically and continue.

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Creating a tRFC port		
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Ports	Description	Port A000000019
Ports     Transactional REC		Description
A00000015     A00000016	Connect QM7 Client 715	Version
A000000018     A000000017	test w92_012	DiDoc rec.types SAP Release 3.0/3.1
• 🛄 File • 🥅 CPI-C • 🥅 ABAP-PI		⊙ IDoc record types SAP Release 4.x
• 📄 XML File • 📄 XML HTTP		RFC destination [I]
		Processing Options
		Queue processing is supported
		Send Only Fields of Segment Version
		Þ
		► W92 (3) 200 ▼   ldciw92   INS   J   与   合

- 4. Enter the description in the *RFC destination* field and click on the *Input Help* button to select system.
- 5. For example, select EBJ with client 200 as the receiver system.

RFC Destination 500 Entries		×
		A
RFC Destination	Description	
E4E	generated by user CWB	
E4F	generated by user CWB	
E5V	generated by user CWB	
E7G	generated by user CWB	
E7S	generated by user CWB	
E8X	generated by user CWB	
E91	generated by user CWB	
E91CLNT012	E91 Client 012	
E91CLNT026	E91 Client 026	
E91CLNT200	E91 Client 200	
E91CLNT205	E91 Client 205	
E91CLNT208	E91 Client 208	
E91CLNT333	E91 Client 333	
EAC	generated by user CWB	
EAE	generated by user CWB	
EB5	generated by user CWB	
EBJ	generated by user CWB	
EBJ client 200	Remote Destination as EBJ client 200	
EBJTRUST	EBJTRUST	
EBS	generated by user CWB	
EE5	generated by user CWB	
EE6	generated by user CWB	
EE7	generated by user CWB	
EEI	generated by user CWB	
EF3	generated by user CWB	
EGI	generated by user CWB	
EI4	generated by user CWB	
EI5	generated by user CWB	
EI6	generated by user CWB	
EI6 001	connect to EI6 001	23
EI7	generated by user CWB	
EII	generated by user CWB	

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[문· Port Edit Goto System Help	
Creating a tRFC port	
Ports Description	Port 3000000010
▼ Ports	Port Addoddd19
Transactional RFC	Description Outbound to EBJ client 200
A000000015     Connect QM7 Client 715     without doubt to pattern U02 client 012	Verrien
A000000016 Outbound port to system 092 client 012     A000000017 test w92 012	
• 🛅 File	The second base CAB Beleve 4 is
• 🚞 CPI-C	TDOC record types SAP Release 4.x
• BAAP-PI	
	Cond Only Fields of Segment Version
	Use SAD Palazes of Pacebing System in Control Pacerd
	Dise SAP Release of Receiving System in control Record
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- 6. Click on the **OK** button **I** to continue.
- 7. Click on the **Save** button  $\blacksquare$ .

## 3. Configure and Check the Partner Profile

- A. In W92 with client 200, go to Transaction WE20.
- B. Choose *Partner->Partner Type LS*.

- C. Select the Partner profile U92CLNT012 (the Receiver system).
- D. Double click message type (For example, 'BAMMAST' for BAM master data.) in the Outbound parameters block.

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Partner profile	s: Outbound	parameters					
6 <b>3</b> /							
artner No.	U92CLNT012	U92 Client 012					
artn.Type	LS	Logical system					
artner Role							
	BAMMAST		BAM Master Replication				
lessage code			as an Huster Repieddon				
lessage function		Test					
Outbound Options	Message Contro	Post Processing:	Permitted Agent Tel	J92			
Outbound Options Receiver port Pack. Size Queue Processing	Message Contro <u>A000000016</u> 100	DI Post Processing:	Permitted Agent Tel	J92			
Outbound Options Receiver port Pack. Size Queue Processing Output Mode	Message Contro A000000016	DI Post Processing:	Permitted Agent Tel	J92			
Outbound Options Receiver port Pack. Size Queue Processing Output Mode Transfer IDoc Imme	Message Contro <u>A000000016</u> 100 ed.	DI Post Processing:	Permitted Agent Tel	J92			
Outbound Options Receiver port Pack. Size Queue Processing Output Mode • Transfer IDoc Immu • Collect IDocs	Message Contro <u>A000000016</u> 100 ed.	ol Post Processing:	Permitted Agent Tel	J92 2			
Outbound Options Receiver port Pack. Size Queue Processing Output Mode © Transfer IDoc Immw Collect IDocs IDoc Type	Message Contro <u> </u>	ol Post Processing:	Permitted Agent Tel	<ul> <li>✓ ▶ □</li> <li>J92</li> <li>2</li> </ul>			
Outbound Options Receiver port Pack. Size Queue Processing Output Mode O Transfer IDoc Imme Collect IDocs IDoc Type Basic type	Message Contro <u>acconococce</u> 100 ed. <u>BANMASTO1</u>	ol Post Processing:	Permitted Agent Tel outbound port to system I Output Mode BAM Master Replication	() () 192 2			
Outbound Options Receiver port Pack. Size Queue Processing Output Mode O Transfer IDoc Immw Collect IDocs IDoc Type Basic type Extension	Message Contro <u>acconococce</u> 100 ed. <u>BANGASTO1</u>	ol Post Processing:	Permitted Agent Tel outbound port to system I Output Mode BAM Master Replication				
Outbound Options Receiver port Pack. Size Queue Processing Output Mode Transfer IDoc Immu Collect IDocs IDoc Type Basic type Extension View	Message Contro [800000006] 100 ed.	Post Processing:     Transactional RFC	Permitted Agent Tel				
Outbound Options Receiver port Pack. Size Queue Processing Output Mode Transfer IDoc Imme Collect IDocs IDoc Type Basic type Extension View V Cancel Processing A Seg. release in IDoc to	Message Contro account of the second	D Post Processing: Transactional RFC Segment Appl. Rel.	Permitted Agent Tel outbound port to system I Output Mode				

Select the *Transfer IDoc Immed.* radio button for Output Mode.

Note: If you cannot find the message type that was created in the *Partner profile*, you need to create an entry manually by the following steps:.

#### Please follow these steps:

Ε.

- 1. Expand one Receiver system (For example, EBJCLNT200).
- 2. Click the **Create** button in the **Outbound parameters** block.

Partner profiles     Partner Profiles     Partner Type B     Bank   Partner Type B   Benefits provider   Business Partner   Partner Type GP   Partner Type IS   Logical system   BSULNT200   System EBJ Clent 21   Yearner Type IS   Logical system   U92CLNT012   Main Test new GL   W92CLNT012   Main Test new GL   W92CLNT012   Main Test new GL   W92CLNT012   U9SCLNT012   User (frst 10 charact     Partner Role Message va Message     SYNCH	E Partners Edit Goto Utilities	S <u>v</u> stem <u>H</u> elp					
Partner profiles         Partner Profiles       Partner Type B       Bank         Partner Type B       Bank       Bank         Partner Type KU       Customer       Post processing: permitted agent       Classification T. ( ) Class	📀 🔍 👻 🤤	🗟 🚫 😒   🗁 (		l 🕄 🗖 🖉	]   🕜 🖳		
Partner       Description            • Partner Type B        Bank             • Partner Type BP        Benefits provider             • Partner Type LS        Logical system             • OMZCLNT715        Ug2 Clent 012             • W32CLNT012        W32 Clent 012             W32CLNT012        W32 Clent 012             W32CLNT200        SAP_FIN Maintenance             • Partner Type US        User (frst 10 chard             uthound parmtrs        Partner Role Message Type             Partner Role Message Type        Message va Messag	Partner profiles           □ ♥ ♣ □ ⊕ ⊕ ≤ ₺ ♣ ♀ !						
	Partner Partner Type B Partner Type BP Partner Type GP Partner Type KU Partner Type KU Partner Type LS Partner Type LS <u>Bartner Type LS</u> <u>Bartner Type LS</u> <u>Bartner Type LS</u> <u>Bartner Type LS</u> Partner Type US	Description Bank Benefits provider Business Partner Customer Vendor Logical system System EBJ Client 2C U92 Client 012 Main Test new GL SAP_FIN Maintenanc User (first 10 charact	Partner No. Partn.Type Post proce Ty. Agent Lang. Utthound part Partner Role	EBJCLNT200 LS ssing: permitted US C5241084 EN Message Type SYNCH	System EBJ Client 200 Logical system agent Classification Solution English Boyuan Wang English	Message va	Messag

3. Enter Message Type, Receiver port, and Basic Type (assigned to the Message Type).

(For example, 'HBHBMAST' stands for House Bank data replicate.)

4. Select the *Transfer IDoc Immed.* radio button in the *Output Mode* block.

C Outbound paramete	rs <u>E</u> dit <u>G</u> oto S <u>v</u> stem <u>H</u> elp
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Partner profile	es: Outbound parameters
63	· ·
Partner No.	EBJCLNT200 System EBJ Client 200
Partn. Type	LS Logical system
Message Type	HBHBAMAST
Message code	
Message function	Test
Outbound Options Receiver port Output Mode Otransfer IDoc Imme Collect IDocs	Message Control     Post Processing: Permitted Agent     Tel     Image: Control       A000000019
IDoc Type	
Basic type	HBHBAMAST01
Extension	
View	
Cancel Processing A	ITTER SYNTAX Error
Seg. release in IDOC ()	ype segment Appl. Kel.
	SAP

5. Click on the **Save** button  $\blacksquare$ .

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Partner profiles           >	SCIDION Detroy No. FEBTURIZADI Surtam CRI Clast 200	
Partner Profiles     Partner Type B     Partner Type B     Partner Type B     Partner Type K     Partner Type K     Partner Type L     Ve     Partner Type L     Ve     Partner Type L     U92CLNT20     Sy     U92CLNT21     U92CLNT012     M9     W92CLNT20     Sy     Partner Type US     US	Partin. Type       L35       Logical system         k       Logical system         refits provider       Iness Partnet         ness Partnet       Post processing: permitted agent       Classification         todor       Ty.       L35         ical system       Logical system         Ty.       L35         Ical system       Logical system         Ty.       L35         Ical system       Logical system         Ty.       L35         Logical system       Logical system         Ty.       L35         Logical system       Lang         Polity For thouse the mode       Lang         PIM Mantenance       Outhound parmities	
	Partner Role Message Type Message va MessageFu Test Receiver p HBHBAMAST A00000019 SYNCH A00000019 SYNCH A00000019 Thound partnrs.	( P 0 * 1 0 * 1

FOR EXTEND use

Refer to the following steps, if you need to implement a newly extended message type.

To create a partner profile manually,

1. Select the previous message type and click on the *Delete* button <sup>I</sup> to delete in Outbound parameters.

0 % *** U W 25 0 A *											
artner	Description	Partner No.	U92CLNT012	U92 Client 012							
<ul> <li>Partner Profiles</li> </ul>		Partn.Type	LS	Logical system							
Partner Type B	Bank										
Partner Type BP	Benefits provider	Bact proc	orring: normitte	d anont Cherification							
Partner Type GP	Customer	Poseproce	song, permitte	u agent Classification		ĥ					
Partner Type IX	Vendor										
Partner Type L	Logical system	ту.	US	La User							
<ul> <li>E17CLNT200</li> </ul>	E17CLNT200	Agent	C5241084	Boyuan Wang							
<ul> <li>E18CLNT200</li> </ul>	E18CLNT200	Lang.	EN	English							
<ul> <li>EBJCLNT200</li> </ul>	System EBJ Client 20										
<ul> <li>ER9CLNT500</li> </ul>	ER9CLNT500										
<ul> <li>QM7CLNT715</li> </ul>											
<ul> <li>U92CLNT012</li> </ul>	U92 Client 012	Outhound pa	rmtrs								
<ul> <li>W92CLNT012</li> </ul>	Main Test new GL	Data a Data					Test	0	T De	Deale have	
• W92CLNT200	SAP_FIN Maintenant	Partner Kole	Message Type		Message va	Messageru.	Test	Receiver p	I Pa	. Basic type	
<ul> <li>Partner Type US</li> </ul>	User (first 10 chara		BAMMAST	100 C				A00000016	0,100	BAMMASTO1	
		_	HBHBAMAST					A000000016	U 100	HBHBAMAST01	
			SYNCH					A00000016	0,100	SYNCHRON	
		-									
		4 F									
		ment									
		De	lete outbound	parameter							
		Inbound part	ntrs.								
		Partner Role	Message Type		Message va	MessageFu	Test P	Process code			
			ALEAUD				0.0	)'AUD1			

4. Configure ALE Audit

ALE Audit enables the sender system to monitor the processing status of dispatched IDocs in the receiver system. The receiver system periodically sends confirmations back to the sender system by SAP standard report **RBDSTATE**.

Before sending confirmations back to the sender system, the following steps of configuration should be set in the receiver system.

- I. Configure another distribution use for sending ALE Audit confirmation
- A. In the receiver system U92 with client 012, go to Transaction BD64.

Splay Distribution Model				
Tor 😪 🛃 📄 🕯 Check Models 🔸 System View	P Hiter Model Display Create Model	View Add BAPI Add Messai	je Type	
Model Views	Description / Technical Name	Busitess Object		
• ST ALE SYNC	ALE SYNC No short text exists			
ALE bank account master data	ALE BANK			
BAM Master Sfin	BAM MAST			
CRM Scenarios	CRMSZ			
Customizing Data Synchronization	CONTRIDATA			
<ul> <li>Bar Distributed Cash with central FQM</li> </ul>	TR-CM-DIS			
<ul> <li>Base Example of MM contract distribution (filering at h</li> </ul>	e MM-PUR1			
<ul> <li>Example of MM contract distribution (filtering at it)</li> </ul>	t MM-PUR2			
Example of distributing test settings	QM-CONTR			
<ul> <li>B HR &lt;-&gt; FI Scenario</li> </ul>	HRFICOUPLI			
+ 24 HYBRD001	HYBRD001			
HYBRDB2B	HYBRDB2B			
• 35 HYBRDB2C	HYBRDB2C			
• 25 Internet Scenarios	IN TERNET			
• By Logistics scenarios	LUGISTICS			
Be MDG F IDoc Committation 092: 012 - 203	MDG_F_A0D			
Master Data Distribution (MDM)	MASTERDATA			
Sap FRP to Hybris	HYBR CUST			
<ul> <li>SEPA ALE Distribution U92 820 - 070 002</li> </ul>	ZSSP SED18			
test Vertelung FI-CO	FI_CO ALE			

- B. Click on the *Change* button <sup>1</sup>/<sub>2</sub> to enter edit mode.
- C. Click on the Create Model View button Create Model View
- D. Fill out the *Short text* field with the Model view's name) and the *Technical name* field.

🔄 Create Model Vie	ew	×
Short text	ALE Audit Confirmation	
Technical name	ALEAUD	
Start date	18.04.2016	
End Date	31.12.9999	
		X

- E. Click on the **OK** button **I** to save and continue.
- F. Select the created model and click on the Add Message Type button Add Message Type .
- G. Assign the Sender as U92CLNT012, and the Receiver as W92CLNT200 (exchange the sender and receiver system.)

🖙 Add Message Type	2	2
Model view	ALEAUD	
Sender	U92CLNT012	
Receiver	W92CLNT200	
Message Type	Image: Second	

H. Enter the standard message type ALEAUD for ALE Audit confirmation in the Message Type field.

🖙 Add Message Ty	уре	×
Model view	ALEAUD	
Sender	U92CLNT012	
Receiver	W92CLNT200	
Message Type	ALEAUD	D
		_ 

- I. Click on the **OK** button **I** to save and continue.
- J. Go back to the main screen of Transaction BD64, and click on the Save button 🗏 to save the model view.

ange Distribution Model			
👕 🍕 🛅 🛅 🖆 Check Models 🛛 🔞 System '	View 🏾 🚏 Filter Model Display 📄 Create Mod	lel View 🗋 Add BAPI 📄 Add Message Type	
bution Model	Description / Technical Name	Business Object	
Model Views			
ALE_SYNC	ALE_SYNC . No short text exists		
22 ALE bank account master data	ALE_BANK		
BAM Master Stin	BAM_MAST		
25 CRM Scenarios	CRMSZ		
Ba customzing Data Synchronization	CONTREDATA		
50 Discributed Cash with central PQM	at he MM DUD1		
Se Example of MM contract distribution (fitering	at its MM.DUR2		
22 Example of distributing test settings	OM-CONTR		
BC HR <-> FI Scenario	HRFICOUPLI		
56 HYBRD001	HYBRD001		
S HYBRDB2B	HYBRDB2B		
B HYBRDB2C	HYBRDB2C		
22 Internet Scenarios	INTERNET		
Logistics Scenarios	LOGISTICS		
MDG-F IDoc Confirmation U92: 012 - 205	MDG_F_AUD		
MDG-F IDoc Distribution U92: 205 - 012	MDG_F		
36 Master Data Distribution (MDM)	MASTERDATA		
SAP EXP to Hybris	HYBR_CUST		
B SEPA ALE DISCIDICION 092_820 - Q/Q_002	255P_5E018		
Seal E Audt Confirmation	ALEAUD		
Main Test	U0201NT012		
<ul> <li>W92 client 200</li> </ul>	W92CLNT200		

K. Select the model view that you saved and choose *Environment->Generate Partner Profiles* in the menu bar.

Distribution Model Edit Goto Environment Sy	stem Help er Profiles Di Chi I I I I I I I I I I I I I I I I I I I	
Change Partner		
Change Distribution Model	FIDIRE	
Change Distribution Model		
😚 📅 🕄 🛅 🎁 Check Models 🛛 🔲 System View	📅 Filter Model Display 📄 Create Model View 📄 Add BAPI 📄 Add Message Type	
Distribution Model	Description / Technical Name Business Object	
Model Views		
▶ 퉎캷 ALE_SYNC	ALE_SYNC . No short text exists	
ALE bank account master data	ALE_BANK	
BAM Master Sfin	BAM_MAST	
• ៏ន៍ CRM Scenarios	CRMSZ	
<ul> <li>Base Customizing Data Synchronization</li> </ul>	CONTRLDATA	
Distributed Cash with central FQM	TR-CM-DIS	
Example of MM contract distribution (filering at he	MM-PUR1	
Example of MM contract distribution (filtering at its account of the second	MM-PUR2	
Example of distributing test settings	QM-CONTR	
• 뚾ઢ HR <-> FI Scenario	HRFICOUPLI	
• 24 HYBRD001	HYBRD001	
BARDB2B	HYBRDB2B	
<ul> <li>BS HYBRDB2C</li> </ul>	HYBRDB2C	
2     2     Internet Scenarios	INTERNET	
<ul> <li>BS Logistics Scenarios</li> </ul>	LOGISTICS	
MDG-F IDoc Confirmation U92: 012 - 205	MDG_F_AUD	
MDG-F IDoc Distribution U92: 205 - 012	MDG_F	
<ul> <li>Baster Data Distribution (MDM)</li> </ul>	MASTERDATA	
SAP ERP to Hybris	HYBR_CUST	
SEPA ALE Distribution U92_820 - Q7Q_002	ZSSP_SED18	
Est Verteilung FI-CO	FI_CO ALE	
<ul> <li>ALE Audit Confirmation</li> </ul>	ALEAUD	
🔻 🌄 Main Test	U92CLNT012	
<ul> <li>W92 client 200</li> </ul>	W92CLNT200	
<ul> <li>in ALEAUD</li> </ul>	ALE: Confirmations for Inbound IDocs	
Distribution model has been saved	SAP	🕨   U92 (1) 012 💌   klciu92   INS   🌌   🔄 📑

- L. Enter the receiver system (W92 with client 200) in the *Partner System* field.
- M. Select the Transfer IDoc Immediately radio button and the Trigger Immediately radio button.

로 <u>P</u> rogram <u>E</u> dit <u>G</u> oto S <u>v</u> stem	Help	
Ø 🔹 🗸		
Generate Partner Profile		
•		
Model View	ALEAUD to 🔁	
Partner System	W92CLNT200 to	
Check Run		
Defects Developments are fee Development		
Derault Parameters for Partner Profile		
Ty	TIS Liner	
- 1y.	C52/108/ Revues Mass	
10	Cozerode Boydan Wang	
Outb. Parameters		
Version	3 IDoc record types from Version 4.0 onwards	
Pack. Size	100 IDocs	
Output Mode		
<ul> <li>Transfer IDoc immediately</li> </ul>		
<ul> <li>Collect IDocs and transfer</li> </ul>		
Inb. Parameters		
Processing		
Trigger immediately		
Trigger by background progra	m	
	SAP	👂 U92 (1) 012 💌   klciu92   INS   🌌   🔄   🚽

N. Click on the *Execute* button (F8).

You noe should get a list with the green status, which means it's executed successfully.

Image: Second	Ż List Edit	<u>G</u> oto S <u>v</u> stem <u>H</u> e	lp		
Generate Partner Profile         Content of the Seneration         System Status Result         System V92CLNT02 cols System V92CLNT02 as a partner type already exists         System V92CLNT02 cols System V92CLNT02 as a partner type already exists         System V92CLNT00 cols System V92CLNT02 as a partner type already exists         System V92CLNT00 cols System V92CLNT02 as a partner type already exists         System V92CLNT00 cols System V92CLNT02 as a partner type already exists         System V92CLNT00 cols System V92CLNT02 as a partner type already exists         System V92CLNT00 cols System V92CLNT02 as a partner type already exists         Colspan="2">System V92CLNT00 cols as partner type already exists         System V92CLNT200 cols System V92CLNT02 ou already exists         Colspan="2">Colspan="2">Colspan="2">System V92CLNT200 as a partner type already exists         Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"         Outbound parameters for message type SYNCH SYNCHRON already exist         Colspan="2">Colspan="2"         Outbound parameters for message type SYNCH SYNCHRON already exist	ø	• « 🖯	🧟 (	8 😪   🚔 🖞 👘 😫 🏝 🖨   💭 🗖   🥝 🖳	
Cog for Partner Profile Generation         Task       System         System       Status Result         Partner       System U92CLNT012         System U92CLNT200       System U92CLNT200 as partner type already exists         Port       Com         Outbound parameters       System U92CLNT200 as partner type already exists         Outbound parameters for message type SYNCH SYNCHRON already exist         Outbound parameters for message type SYNCH SYNCHRON already exist	Generate	e Partner Profile			
Log for Partner Profile Generation         Task       System         Task       System US2CLNT012         System US2CLNT012       System US2CLNT012 as a partner type already exists         System US2CLNT020       System US2CLNT020 as a partner type already exists         System US2CLNT020       System US2CLNT020 are apartner type already exists         Outb. Parameters       Outbound parameters for message type SYNCH SYNCHRON already exist         Outbound parameters for message type SYNCH SYNCHRON already exist	g				
Log for for the first for the first for the first for message type SYNCH SYNCHRON already exist         Partner       System W92CLNT012         System W92CLNT200       System W92CLNT200 as a partner type already exists         System W92CLNT200       System W92CLNT200 are apartner type already exists         Port       Outbound parameters for message type SYNCH SYNCHRON already exist	l og for Pa	artner Profile Ge	nera	tion	
Jask     System     Status, Result       System     Status, Result       System     System V92CLNT012     Call       System     System V92CLNT200     System V92CLNT200 as partner type already exists       Port     Call     System V92CLNT200       Ubb, Parameters     Call     Port       Outbound parameters for message type SYNCH SYNCHRON already exist			nela		
System W92CLN1012 Court System W92CLN1012 Court System W92CLN1012 as a partner type already exists Ort Outb. Parameters Outb Outbound parameters for message type ALEAUD ALEAUD01 successfully created OCC Outbound parameters for message type SYNCH SYNCHRON already exist	lask	System	Status	Kesult Custom UO2CI NT012 as a patters time already exists	
Dutb. Parameters     Outbound parameters for message type SYNCH SYNCHRON already exist	artifer	System 092CLN1012		System 0920LW1012 as a partner type already exists	
Out         Out Processory With RC Description Processing type SCHICLE of a ready ready and the second processing of the second procesecond processing of the second processing of the second	lort	System w92CLW1200		Dort A000000028 with REC doctination MO2CI NT200 already exists	
CCC Outbound parameters for message type SYNCH SYNCHRON already exist	Outh Paramete	arc		Outhound parameters for message type ALEALID ALEALIDD1 successfully created	
	outo, Paramet	.015		Outbound parameters for message type ALEADD ALEADDOI successfully created	
				,,,,,,,	

O. Go back to the main screen by clicking the **Back** button (F3) twice, select the model view, and choose **Edit->Model view->Distribute** in the menu bar.

Ø	Delete System View	Ctrl+Shift+F2	- 19979121210		
Display Distril	Eilter Display	Ctrl+F3			
> 🕆 😫 🗖 🖥	Expand Sub <u>t</u> ree Collapse S <u>u</u> btree	Ctrl+Shift+F11 Ctrl+Shift+F12	er Model Display 📄 Create Model Viev	v 🗋 Add BAPI 📄 Add Message Type	
Distribution Model	Model Check		on / Technical Name	Business Object	
Model Views	Model View		Create		*
ALE_SYNC	Add <u>B</u> API		Create Using Template		-
ALE Audit Co	Add Message Type		Сору		
BAM Master	Display/Edit Details	F2	Distribute		
Scenario	Cancel	F12	Transport		
Distributed C     Distributed C     Example of M     Se Example of M     Se Example of d     HR <-> FI Se     HYBRD001	ash with central FQM M contract distribution (I IM contract distribution (I istributing test settings :enario	TR-CI filering at he MM-P filtering at it MM-P QM-C HRFIC HYBR HYBR	HDIS JR1 JR2 OUPLI D001 D828 D025		

P. Make sure W92CLNT200 is checked as the receiver, and click on the **OK** button **I** to continue.

odel view ALEAUD	
Receiver of model view	
Logical system	Technical name
Q7Q Client 002	Q7QCLNT002
QI3 client 002	QI3CLNT002
STC eCATTs	U92CLNT027
Treasury Test	U92CLNT102
U92 Client 012	QQ6CLNT003
U92CLNT000	U92CLNT000
U92CLNT205	U92CLNT205
U92CLNT700	U92CLNT700
U92CLNT820	U92CLNT820
U92CLNT900	U92CLNT900
U92CLNT901	U92CLNT901
U93CLNT820	U93CLNT820
W92 client 200	W92CLNT200
eCATT	U92CLNT026
eCATT new GL-MASTER client	U92CLNT126
	-
• • • • • • • • • • • • • • • • • • •	4 F

II. Now you get a distribution list with the green status, saying that the model view is distributed successfully. Run SAP standard report RBDSTATE

Notes: Usually the report is set as processing automatically. Below are the steps of basic run.

- A. Before running the report RBDSTATE, an IDoc has been sent to U92 with client 012.
- B. The final status is 03: Data passed to port OK, which means the data have been sent to the receiver system.

' <u>I</u> Doc <u>E</u> dit <u>G</u> oto S <u>y</u> stem <u>H</u> elp					×
🛇 🚺 🔹 💽 🕞 👘	st.t.t.	2 🖷			
🕫 🔓 IDoc Display: 0000000000205965	]				
Segments with Errors 🔰 💼 🕴 🔚					
IDoc display	Additional information		Short Technica	al Information	
IDoc 000000000205965			Direction	1 Outbox	
<ul> <li>Control Rec.</li> </ul>			Current Status		
<ul> <li>Data records</li> </ul>	Total number: 000003				
E1BPS_BAM_AMD_BNKANT	Segment 000001		Basic type	BAMMASIUI	
• E1BPS_BAM_AMD_TEXT	Segment 000002		Extension		
EIBPS_BAM_AMD_CUR      EIBPS_BAM_AMD_CUR	Segment 000003		Message Type	BAMMAST	
	Data passed to port OK		Partner No.	U92CLNT012	
Doc sent to SAP system or external program			Partn.Type	LS	
• 30	IDoc ready for dispatch (ALE servi	ce)	Port	A00000016	
• 📄 01	IDoc generated				
			Content of Se	elected Segment	
			Fld Name	Fld Cont.	
			MANDT	200	
			ACC ID	0000001677	
			BANKS	DE	
			BANKL	10020030	
			ACC NUM	1511091364	
			ACC TYPE ID	01	
			VALID FROM	20140101	
			VALID TO	99991231	
			STATUS	02	
			BUKRS	0001	
			BENEFICIAL	SAP A G	
			COMPANY CONTA	CT WANGYILI	1
			CONTANT_CONTR	ALIGIOU	
		••			
	50	7		N/Q2 (2) 200 ▼ IdeixQ2 TNS	51

- C. In the receiver system (QM7 with client 715), go to Transaction SE38.
- D. Enter the report name **RBDSTATE** in the *Program* field, and click on the *Execute* button <sup>(2)</sup> (F8).
- E. EnterW92 client 200 in the sender system, and fill out the *Message Type* field (For example, 'BAMMAST' stands for BAM data replication).
- F. Select the date in the *Data IDoc changed* field. Audit confirmation will be processed on those the IDocs created on the selected date

도 Program Edit Goto System	Help	
📀 🔍 👻 🧧	💀 😪 I 🚍 II (II) (II) (II) (II) (II) (II) (II)	
Send Audit Confirmations		
I 🖓 🔁 🖬		
Confirmation to System	W92CLNT200 to	
Message Type	BAMMAST to	
Message Variant		
Status		
Date IDoc changed	18.04.2016 D to	
	SAD	N 1102 (1) 012 - Hesian Jun 11 (1) (1)
		Image: Market Marke

- G. Click on the *Execute* button<sup>™</sup> (F8).
- H. To check the return status, in the sender systemW92 with client 200(, go to Transaction WE02.

Notes: Status records generated from the confirmations **ONLY** contain the following values:

• 39 means that IDocs are in the receiver system (ALE Service) and still being processed (Usually this type of message means that the data posted failed in the receiver system.)

• 40 means that application document processing is not completed successfully in the receiver system.

• 41 means that application document is processed in the receiver system. (This type of message means the data processing has been completed successfully in the receiver system.)

The basic configuration of steps for ALE is completed.