

Data Migration between Different Systems using Transport



Applies to:

This applies to SAP Business Warehouse/Business Intelligence. For more information, visit the [EDW homepage](#).

Summary

This document describes the procedure and steps to migrate the data between different systems in the landscape using the transport order.

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Created on: 16th September 2010

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1. Introduction

This document describes the procedure and steps to migrate the data between different systems in the landscape using the transport order.

2. Purpose of the document:

Purpose of this document is to find out a way to migrate data using the transport between different systems using the content of tables.

This will minimize the data loads by admins as the data will be transferred from Development system to Target system using transport.

3. Pre-requisites before moving the transports

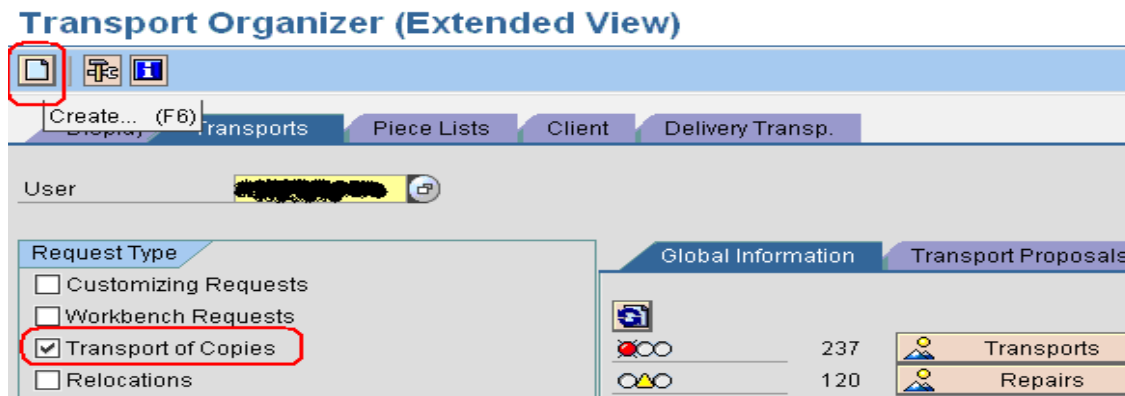
The corresponding tables of the objects in which data needs to be stored should have been available already in the target system.

4. Collection of Transports

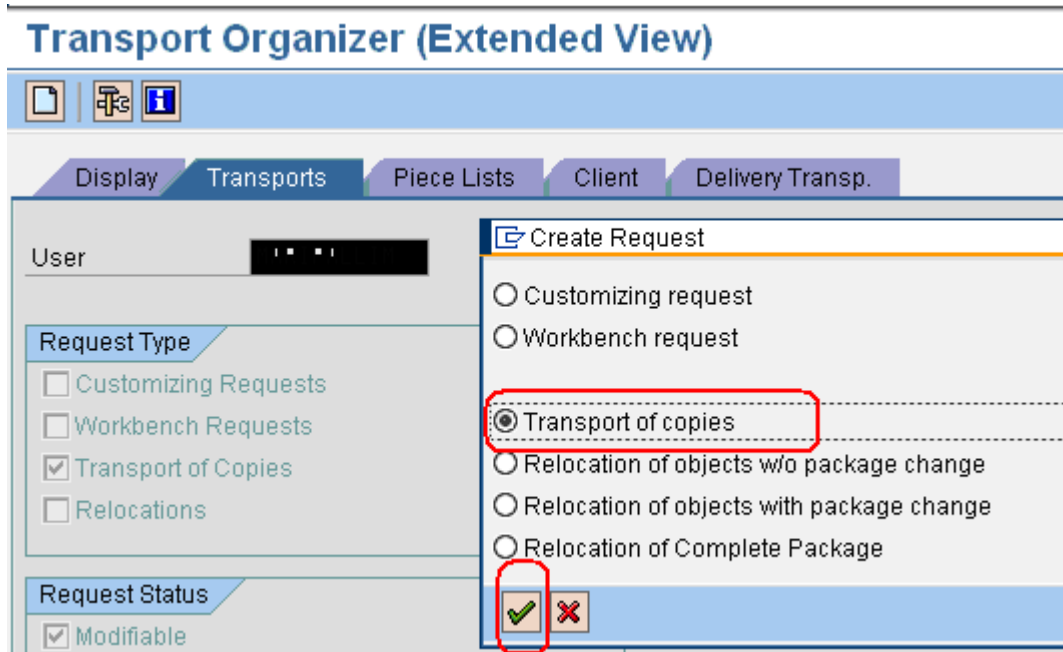
For migrating the data which is available in the tables needs to be collected using the following procedure.

T-code: SE01/SE09.

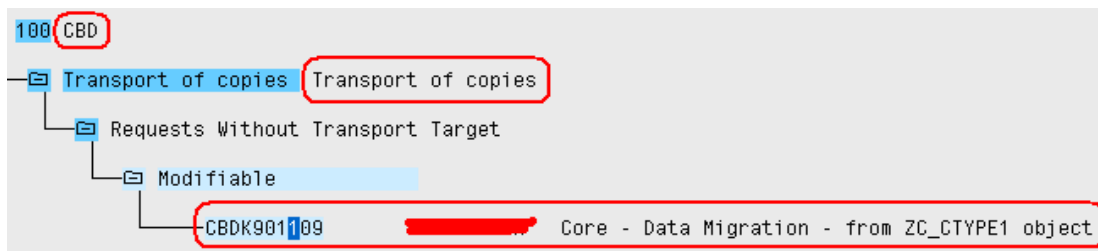
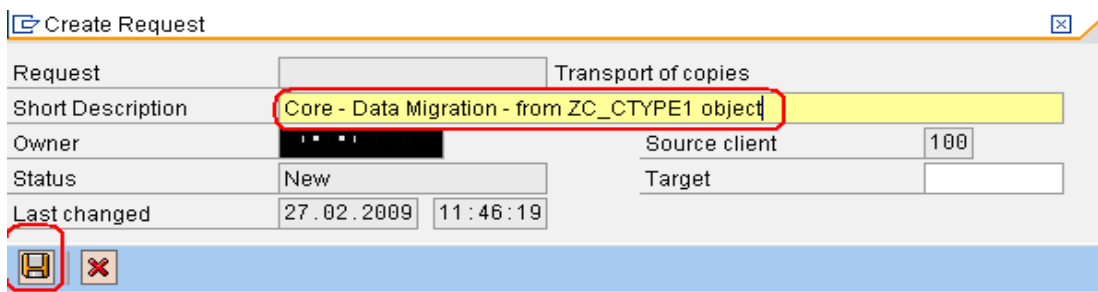
Use **Transport of Copies** option to create a new transport as shown below



In the next screen select the same option and press **OK**.



In the next screen, provide description of transport and then Save the same as shown.



Gather the required table from system to move the data of it to next level.

In this **example** we take a master data object: ZC_CTYPE1, gather the P table of ZC_CTYPE1 object.

Display Characteristic ZC_CTYPE1: Details

Characteristic: **ZC_CTYPE1**

Long description: Purchasing Condition type

Short description: Pur Condition type

Version: Active Saved

Object Status: Active, executable

General | Business Explorer | Master data/texts | Hierarchy | Attribute

With master data | With texts

Master Data Tables		Text Table Properties	
View of MstrDtaTbIs	/BIC/MZC_CTYPE1	Text table	/BIC/TZC_CTYPE1
Master data tab	/BIC/PZC_CTYPE1	<input checked="" type="checkbox"/> Short text exists	
SID table attr.	/BIC/XZC_CTYPE1	<input type="checkbox"/> Medium length text exists	

Use T-Code: SE16 to check the content of it.

Data Browser: Initial Screen

Table Name: **/BIC/PZC_CTYPE1**

Check the contents

Data Browser: Table /BIC/PZC_CTYPE1: Selection Screen

Number of Entries

/BI Execute (F8) to

OBJVERS to

Execute.

Data Browser: Table /BIC/PZC_CTYPE1 Select Entries

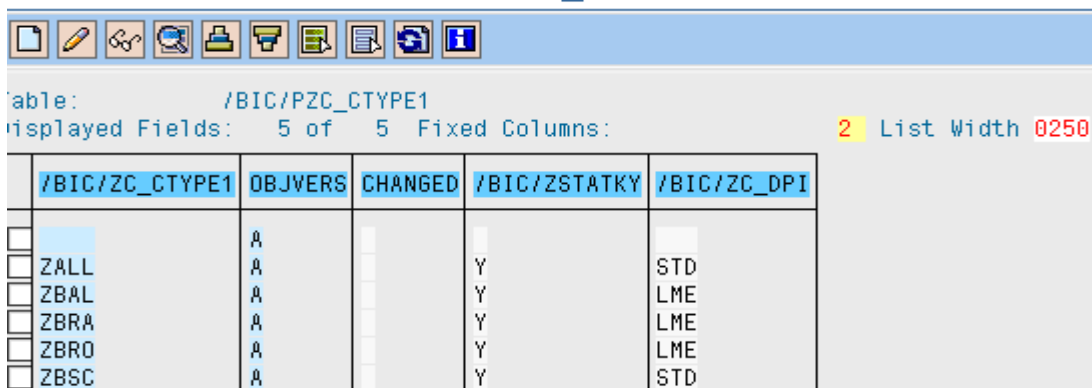
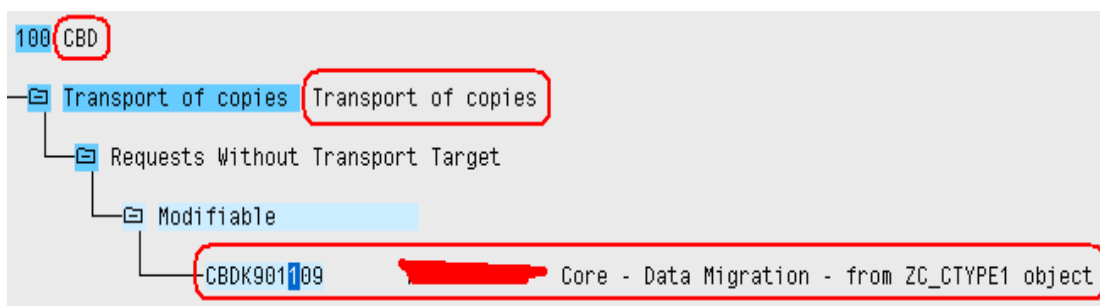


Table: /BIC/PZC_CTYPE1
Displayed Fields: 5 of 5 Fixed Columns: List Width 0250

	/BIC/ZC_CTYPE1	OBJVERS	CHANGED	/BIC/ZSTATKY	/BIC/ZC_DPI
<input type="checkbox"/>		A			
<input type="checkbox"/>	ZALL	A		Y	STD
<input type="checkbox"/>	ZBAL	A		Y	LME
<input type="checkbox"/>	ZBRA	A		Y	LME
<input type="checkbox"/>	ZBRO	A		Y	LME
<input type="checkbox"/>	ZBSC	A		Y	STD

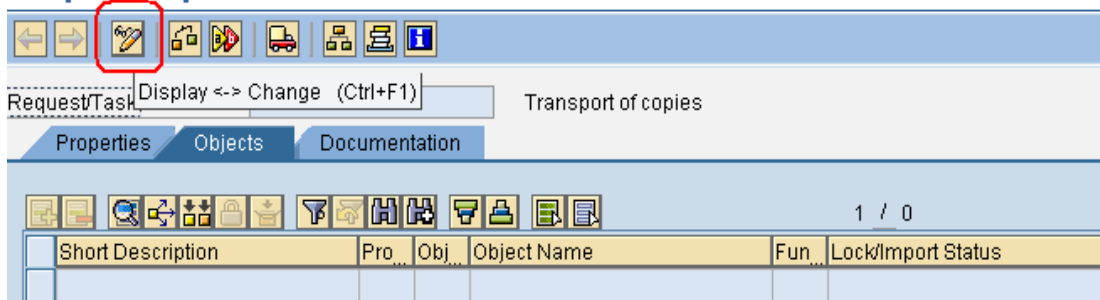
This is to check that we have the contents in the appropriate table which we are going to move to next level.

T-Code: SE01.



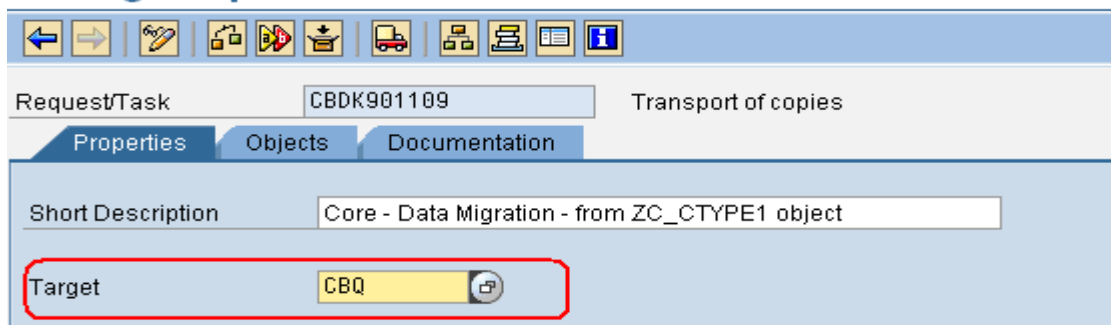
Double click on the transport which has been created for this with the Transport Copies.

Display request/task CBDK901109



Get into change mode to make the table entries and target

Change request/task CBDK901109



Get into the **properties** tab: and define the target system and save the changes.

Change request/task CBDK901109

Request/Task: CBDK901109 Transport of copies

Properties Objects Documentation

Short Description	Pro...	Object Type	Object Name	Function	Lock/Tr
Table Contents	R3TR	TABU	/BIC/PZC_CTYPE1		

At the **Objects** tab: make an entry of the table name: **/BIC/PZC_CTYPE1** under Object Name, Under Object type **TABU** and program ID as **R3TR**.

Get into Function to enable the content of the table as shown above.

Change request/task CBDK901109

Request/Task: CBDK901109 Transport of copies

Properties Objects Documentation

Key for object R3TR TABU /BIC/PZC_CTYPE1 (Master Data (Time-Ind.): Characteristic Pur Condit)

Language: - IMG Activity: -

Table Keys

To collect all the data of the table use star (*) under table keys.

Request/Task: CBDK901109 Transport of copies

Properties Objects Documentation

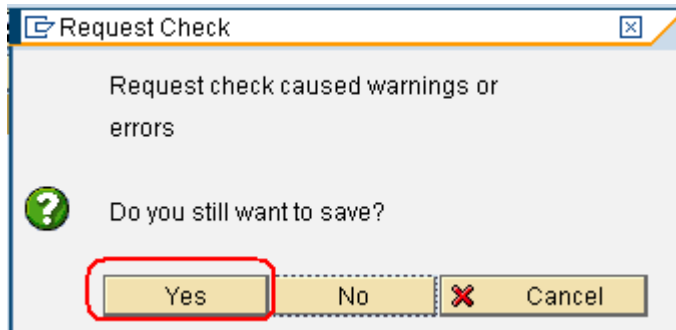
Key for object R3TR TABU /BIC/PZC_CTYPE1 (Master Data (Time-Ind.): Characteristic Pur Condit)

Language: - IMG Activity: -

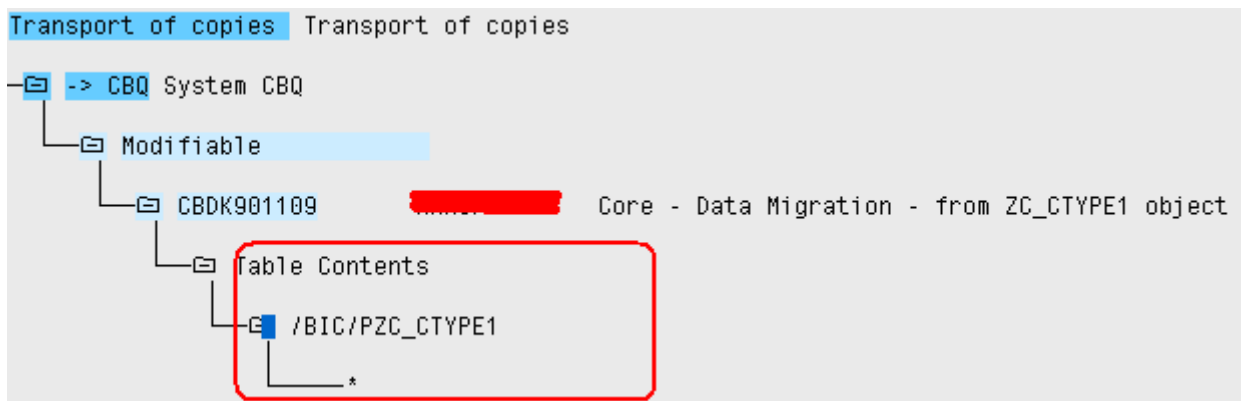
Table Keys

* |

Use star to read all the entries of the Key and save the changes.

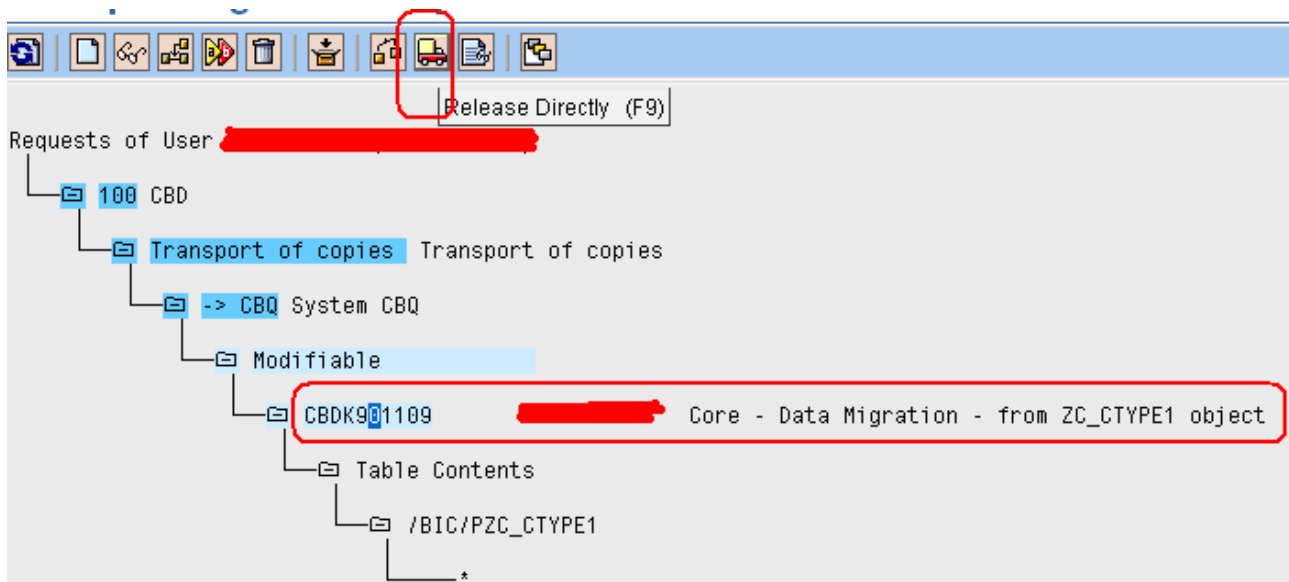


After this come back to the main screen.



And now release the transport and then import the same in the target system to check if the content has been moved to the next level!!

5. Releasing transport



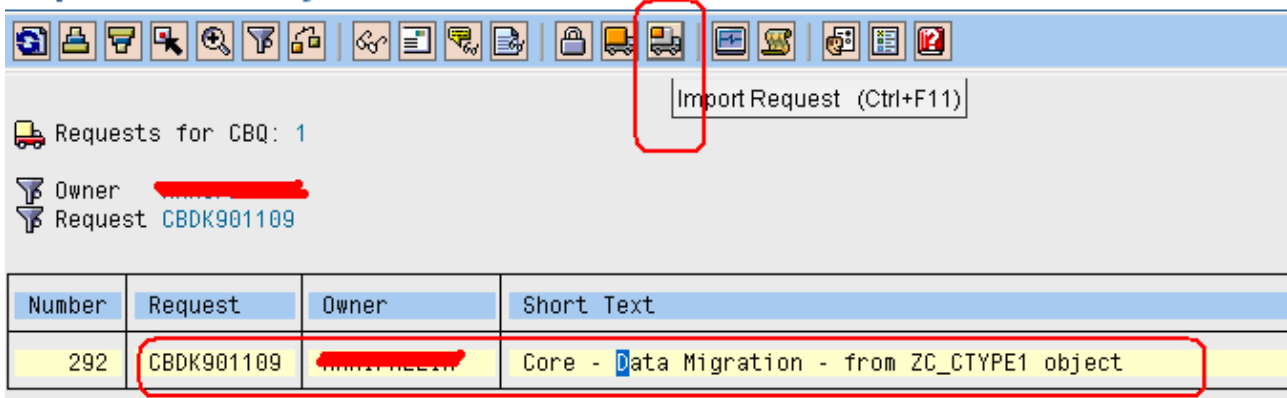
Select the transport and release the transport order as shown above using the Truck symbol or using F9 key.

6. Importing the Transport

Get into target system after releasing of the transport is over.

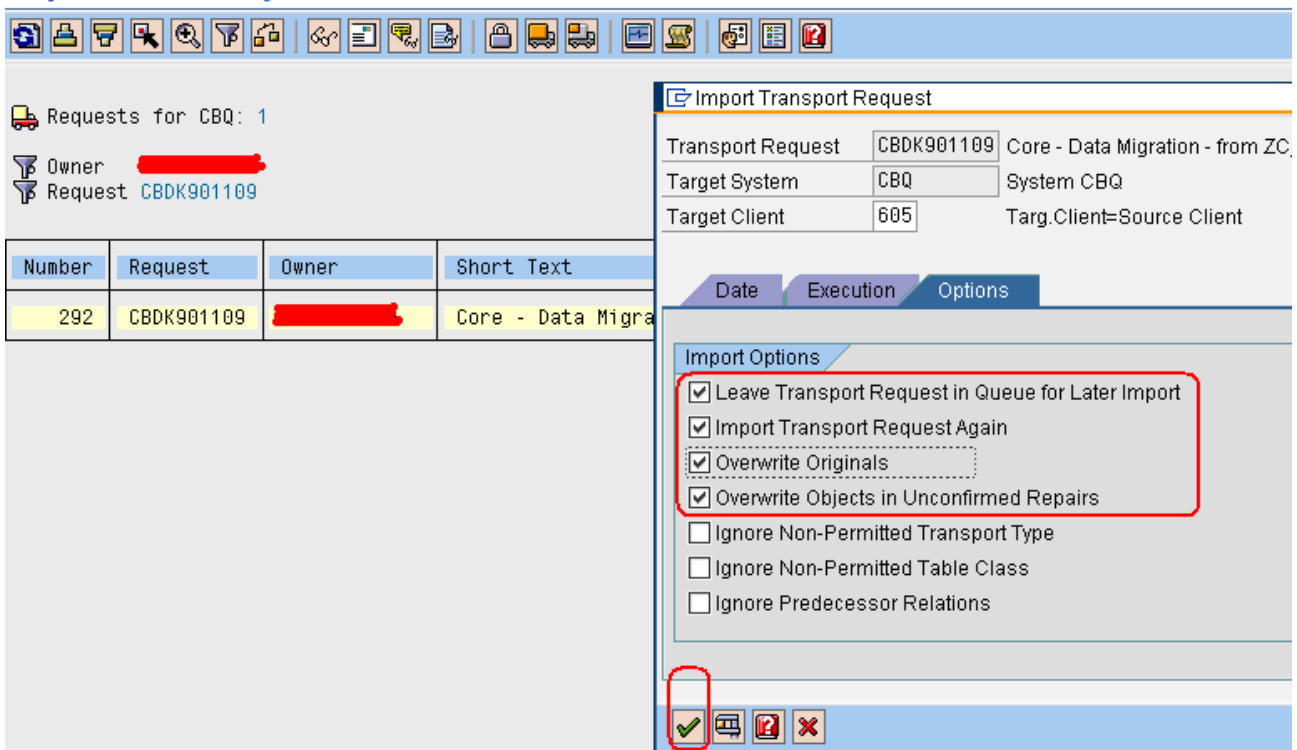
T-code: **STMS**.

Import Queue: System CBQ



Number	Request	Owner	Short Text
292	CBDK901109	[REDACTED]	Core - Data Migration - from ZC_CTYPE1 object

Import Queue: System CBQ



Requests for CBQ: 1

Owner [REDACTED]
Request CBDK901109

Number	Request	Owner	Short Text
292	CBDK901109	[REDACTED]	Core - Data Migra

Import Transport Request

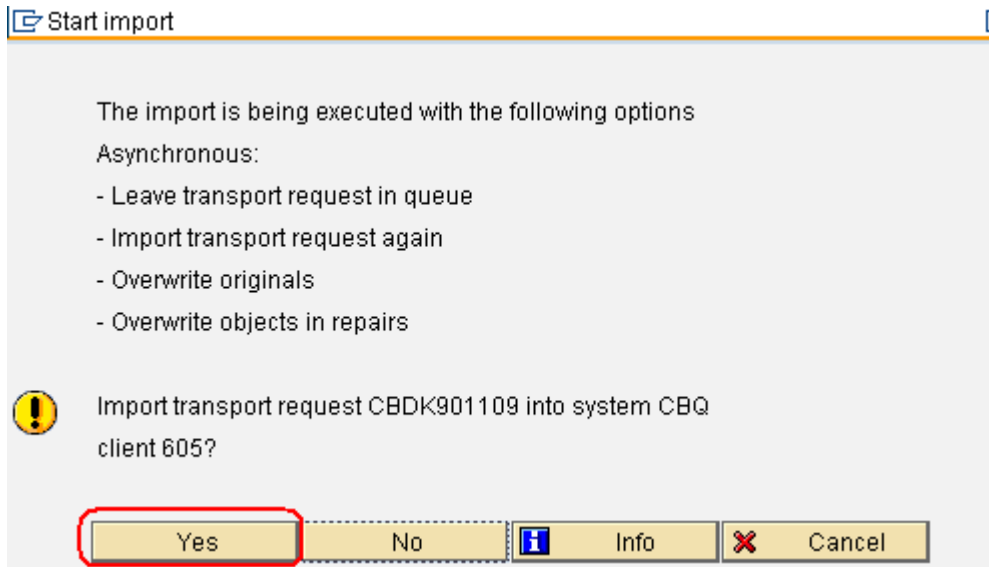
Transport Request: CBDK901109 Core - Data Migration - from ZC
Target System: CBQ System CBQ
Target Client: 605 Targ.Client=Source Client

Import Options

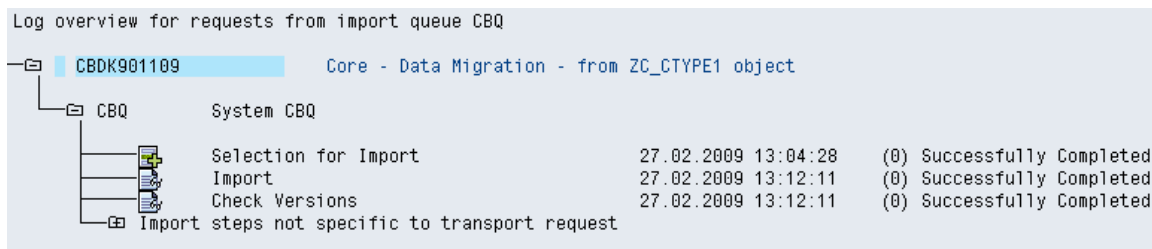
- Leave Transport Request in Queue for Later Import
- Import Transport Request Again
- Overwrite Originals
- Overwrite Objects in Unconfirmed Repairs
- Ignore Non-Permitted Transport Type
- Ignore Non-Permitted Table Class
- Ignore Predecessor Relations

OK [REDACTED] [REDACTED] [REDACTED]

Select the following options and select OK.



Check the log of the import.



Once the import is done then checks for the entries in the target system to see if the data has been transferred!!

Data Browser: Table /BIC/PZC_CTYPE1 Select Entries

Table: /BIC/PZC_CTYPE1
Displayed Fields: 5 of 5 Fixed Columns: 2 List Width 0250

	/BIC/ZC_CTYPE1	OBJVERS	CHANGED	/BIC/ZSTATKY	/BIC/ZC_DPI
<input type="checkbox"/>	ZALL	A		Y	STD
<input type="checkbox"/>	ZBAL	A		Y	LME
<input type="checkbox"/>	ZBRA	A		Y	LME
<input type="checkbox"/>	ZBRO	A		Y	LME
<input type="checkbox"/>	ZBSC	A		Y	STD

Now the contents have been transferred to the target system.

7. Limitations of this process

- Less Volume of the data from Table.
- Preferred for the standard content of the table to use the same in all the landscapes.
- This is not applicable when ever you want to maintain the SID relationship between P and S tables. So if you even transport the SID content of the master data to the target system, the relation can not be identified by the system.
- This is only helpful when ever you want to maintain a standard data and want to maintain a lookup based on this object data and etc..
- This is for some exceptional requirement purpose only and hence take the decisions accordingly.

8. References

For more information of Transport of Copies please refer: [Transports of Copies and Relocations](#)

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