Standalone BW System Refresh

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Applies to:

Software Component: SAP_BW. For more information, visit the [EDW homepage](#)

Summary

BW relevant steps/scenarios during refresh of an existing non-productive BW system from productive BW system

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Background

In different situations during the life-cycle of a system, it may be appropriate to perform a system copy.

A system copy might be appropriate:

- To set up a test system
- Set up a demo system
- Set up a training system
- When changing the operating system
- When changing database
- When changing Hardware

Tricky Scenario

Non Production system copy from Production system is quite common, relevant and required.

It generally includes copy of a whole system group (a BW system and all its connected source systems).

It becomes tricky when only the BW system is copied and the sources are not.

To ensure that the system is workable post refresh, there is a list of BW relevant tasks to be performed by a BW consultant.
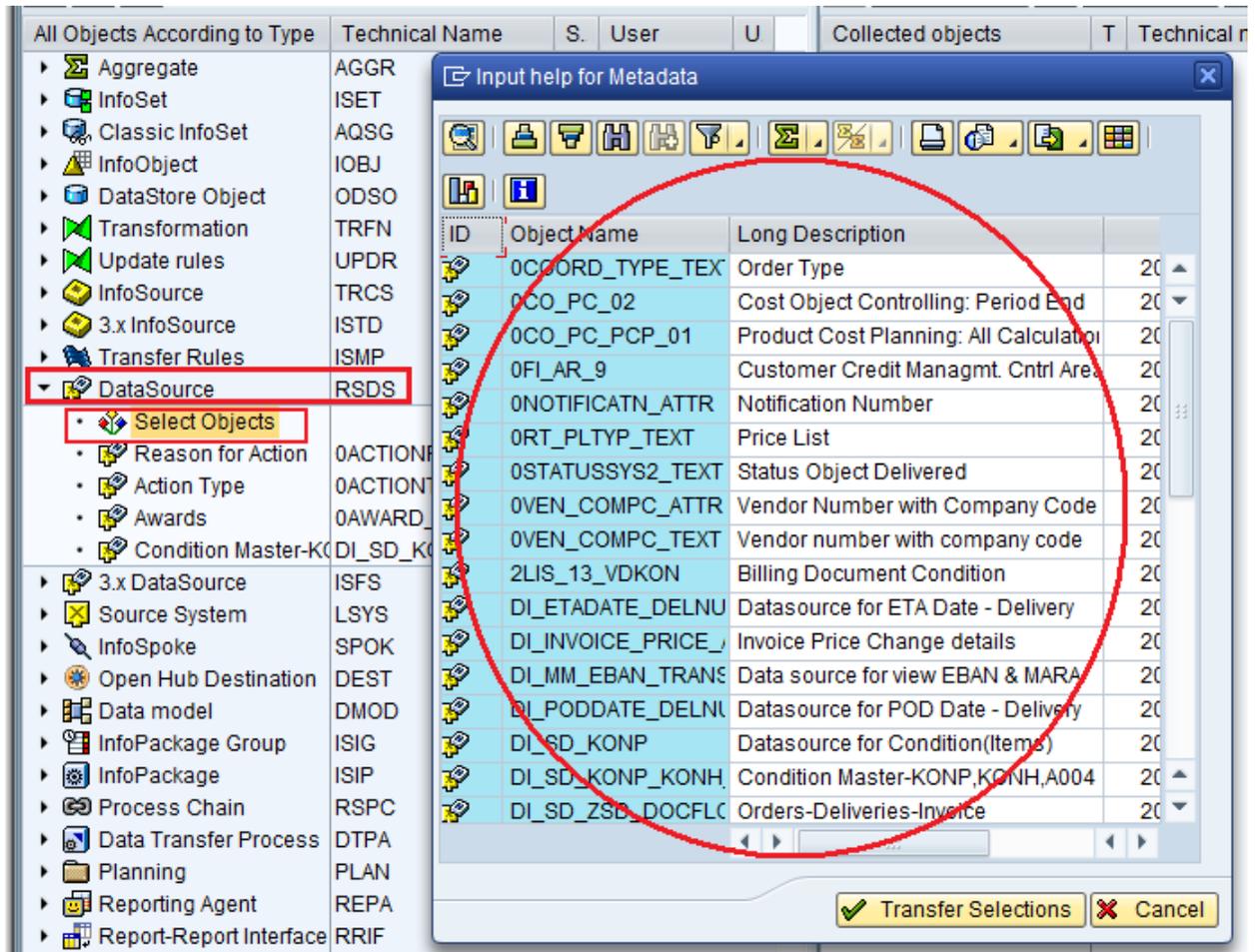
I have tried to capture and discuss these tasks in this document.

Preparations in the Non-Prod BI system

List of Source system dependant Objects need to be collected and re-imported to the system, post refresh. The Objects could be relevant for 7.0 flow or 3.X flow.
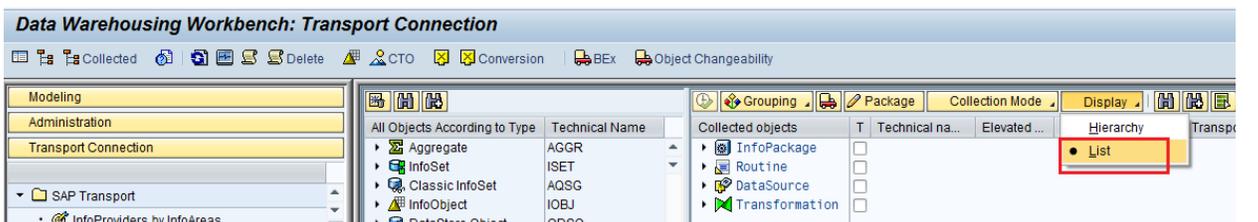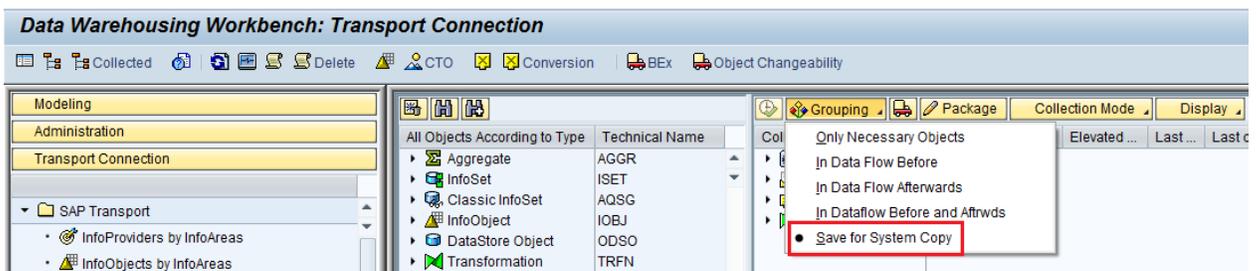
The details of the Objects to be collected and the steps to be followed during and post collection have been described in a step by step guide below.

Step by Step Procedure - Transport Collection Details for 7.0 Flow

✦ In RSA1 transaction, GO to 'Transport Connection' and CLICK on 'OBJECT TYPES'.

✦ Click on "Source System Assignment" (Shift + F7) in the menu bar, to select the Source system for which the objects would be collected. Multiple Source systems could be selected by checking the Check boxes.

➕ Select "DataSource" (RSDS →Tech Name) from the list of objects, and double click on Select Objects after expanding the DataSource to select the objects from the list. The list would show the list of all 7.0 datasources
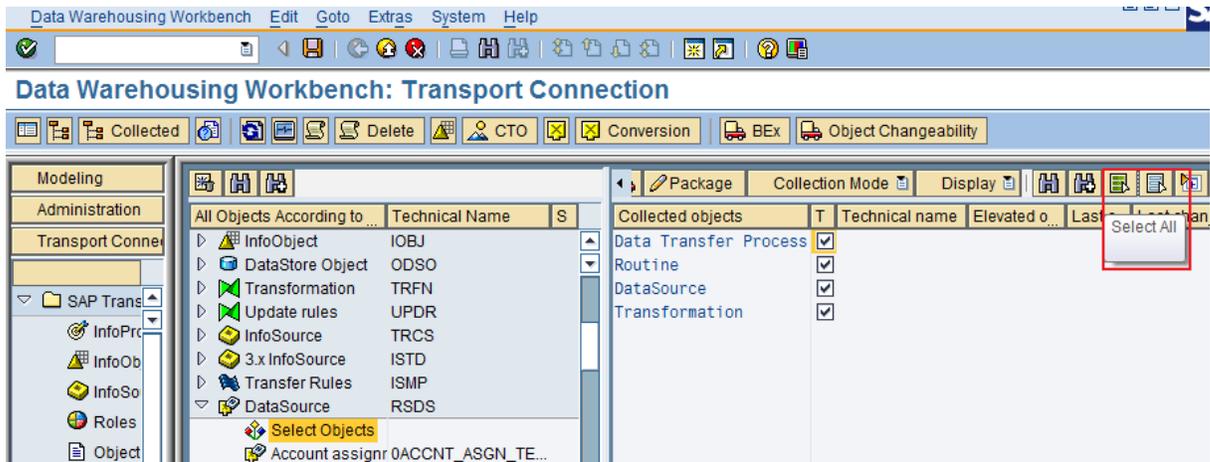

All or selected objects from the list could be chosen as relevant and the selections need to be transferred via the "Transfer Selection button".
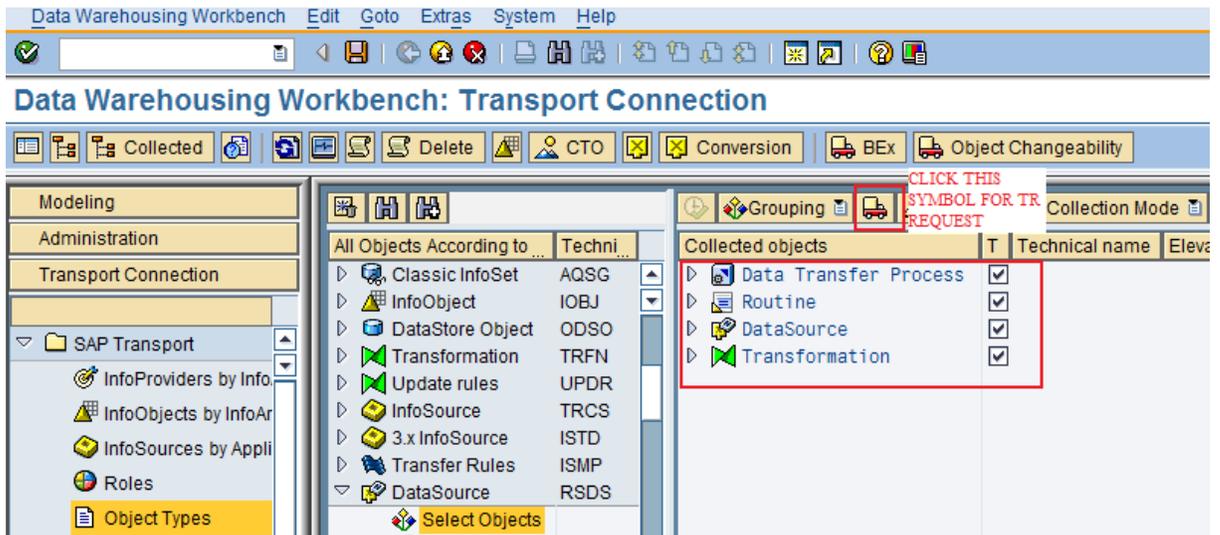
➕ The "Grouping" option in the menu needs to be set to "Save for System Copy" & the Display mode needs to be set to "List"

➕ Post maintenance of these settings, "Select All" needs to be done so that all relevant objects are collected.

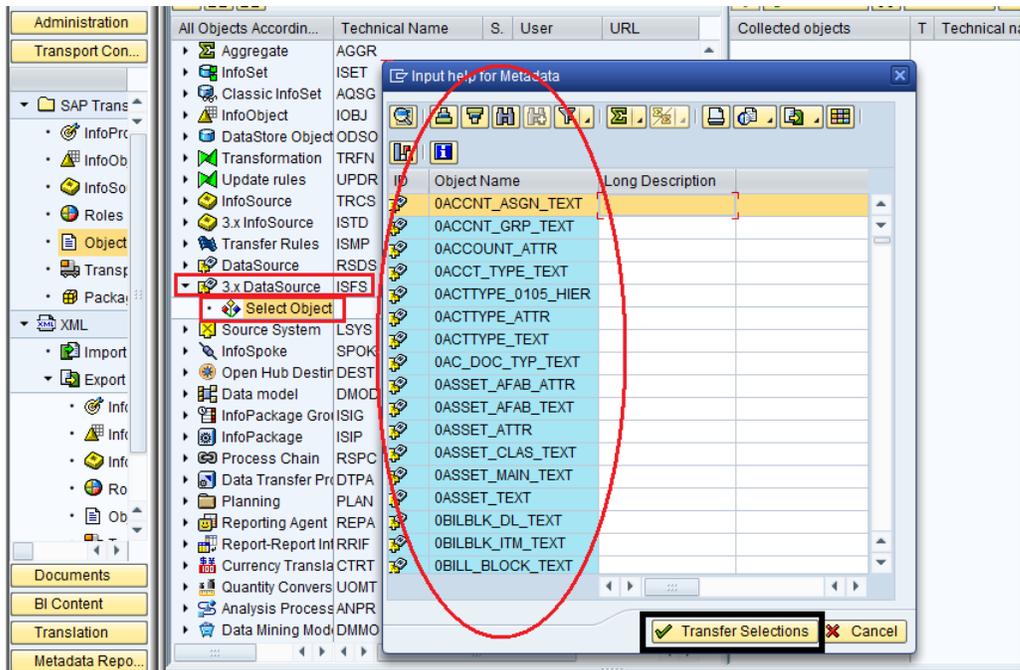➕ Post collection, a TR needs to be created as below

Transport Collection Details for 3.X Flow

Same steps as above, needs to be followed for 3.X flows as well, with a little difference as mentioned below.
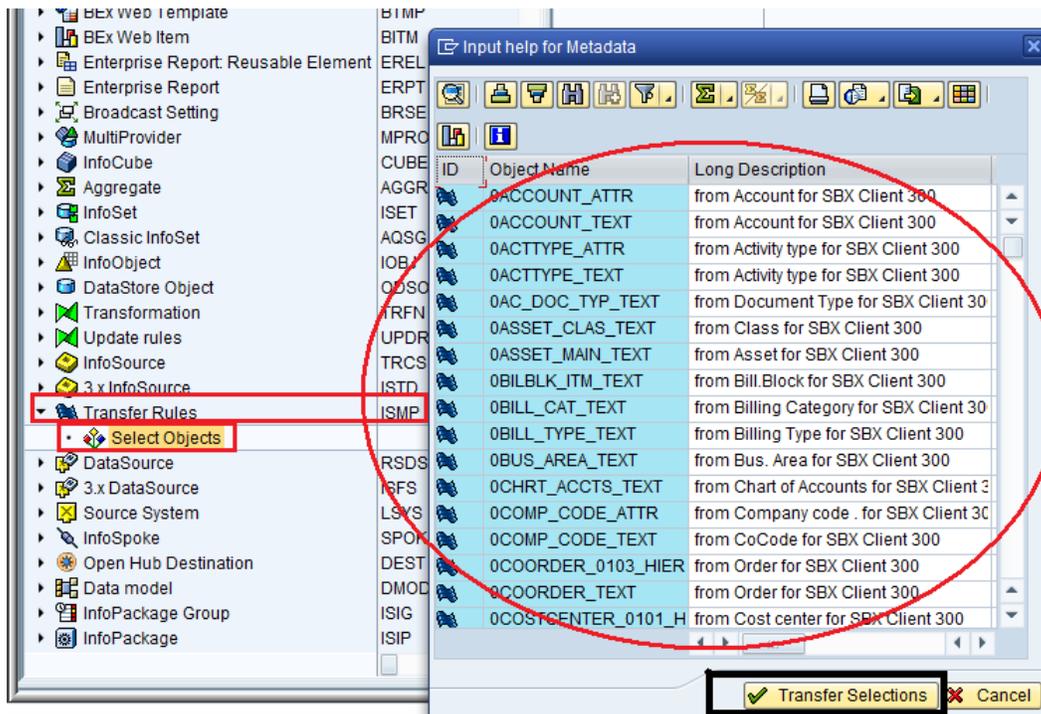
> In the 3rd step, select object 3.x DataSource (ISFS → Tech Name).

  The list would shows all 3.X datasources.

> In 3.X flow, additional to 3.X datasources, a Transport Request needs to be created for Transfer Rules as well.

  Select object 3.x Transfer Rules (ISMP → Tech Name).

❖ Other steps would be exactly same as for 7.0 flow.

Creation of Transport of Copies

Transports of Copies is used when software changes in the consolidation system needs testing without having to transport them automatically to other systems in the transport track

The objects are transported with the version they have in the current SAP System. The original location of the objects remains unchanged. There is no delivery to another SAP System.

Once the Transport Requests are ready, transport of copies for these TRs has to be created and kept to be used post refresh.
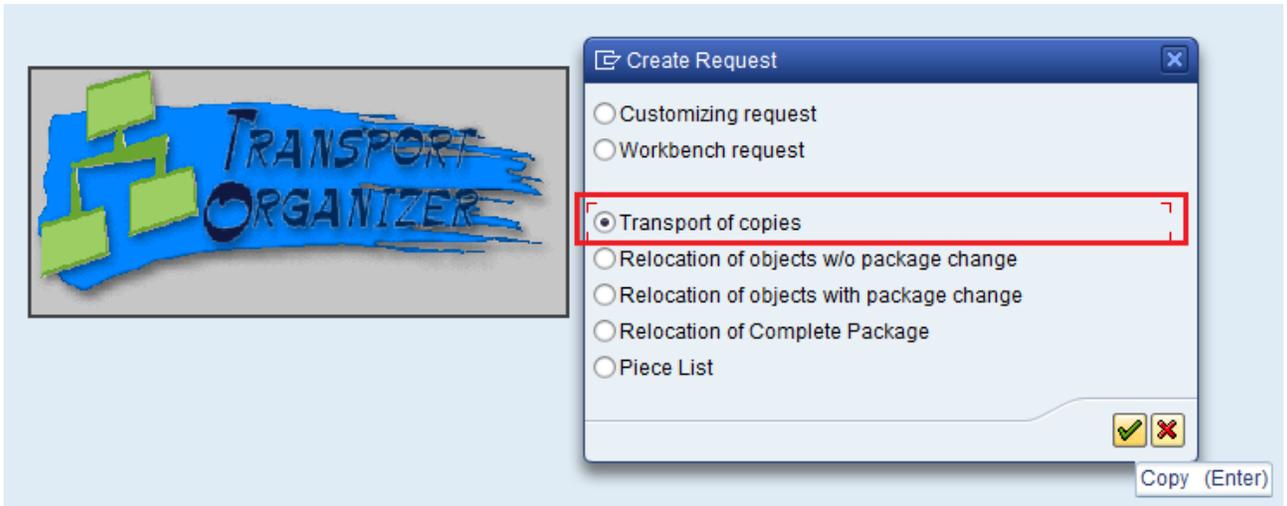
Original TRs:

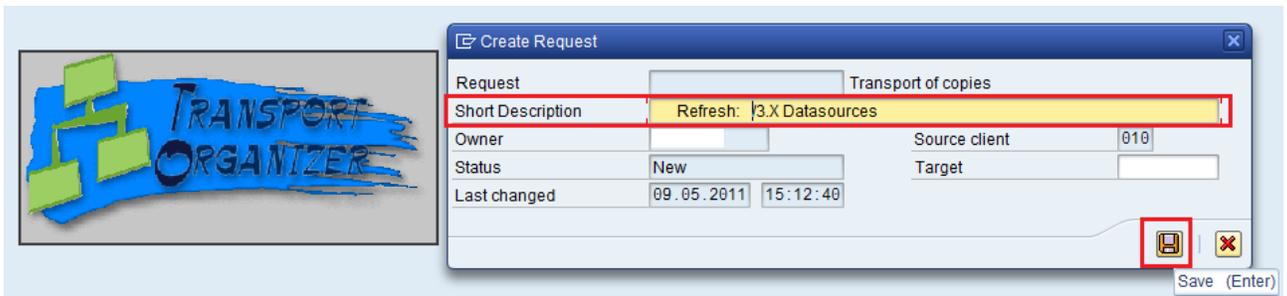| Request	Owner	Project	Pr	Short Text	
)K900240				Refresh:	/7.0 Datasources
)K900233				Refresh:	/3.X Datasources
)K900237				Refresh:	/Transfer Rules

Transport of copies (steps by step creation):
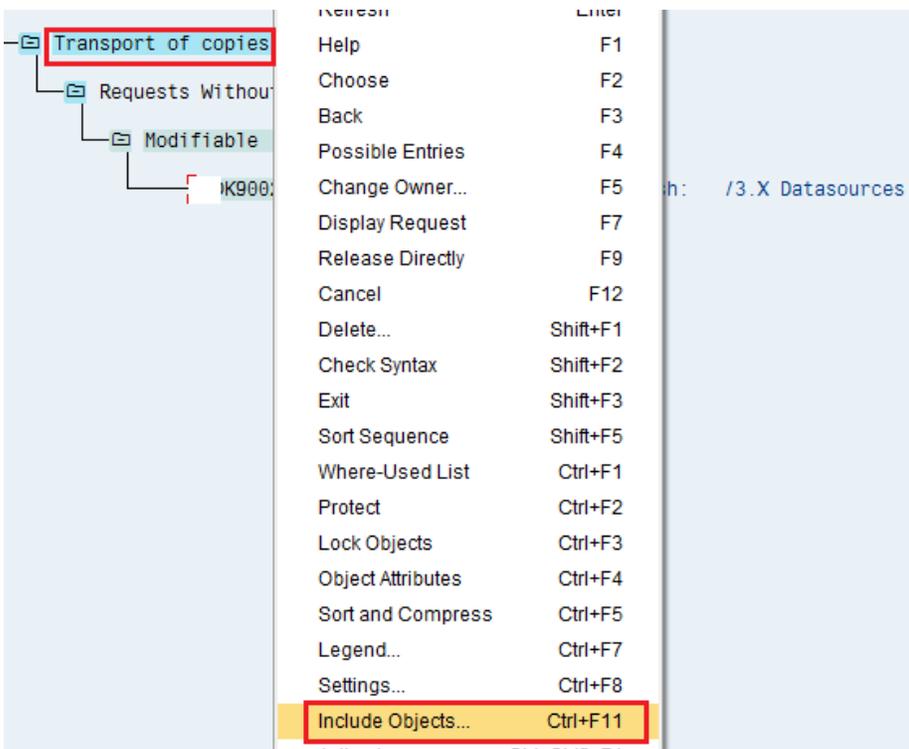
❖ Goto Txn SE01 and click on Create

❖ We would get a pop-up, in which we need to choose "Transport of Copies"

❖ We need to provide the short description and then save the same

❖ Once it is created we have to include the objects by putting the original request id.

Note: This document provides the considerations based on the experience of the issues faced in various standalone BW system refreshes. All standard refresh steps should be followed.

Related Content

[Note 886102 - System Landscape Copy for SAP NetWeaver BW](#)

For more information, visit the [EDW homepage](#)

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