

Transferring Purchase Requisition Details from ECC to SRM



Applies to:

SAP SRM. For more information, visit the [Supplier Relationship Management homepage](#).

Summary

This document explains in detail about how standard SAP operates while sending purchase requisition details from ECC to SRM and technical solution to overcome the behavior.

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Standard SAP

In SAP, when external requirements are transferred from ECC to SRM always a new determination of the purchase organization takes place in SRM. That means the backend purchasing group value is changed to a default value in SRM system. In SRM purchasing group value is defined based on attached material group in organizational structure.

Organizational plan is created in below path:

Supplier Relationship Management → SRM Server → Cross-Application Basic Settings → Organizational Management → Create Organizational Plan.

Specify values for the user attributes are defined using the transaction PPOMA_BBP .In procurement

Attributes we define the function and responsibilities of organizational unit as purchasing group.

Solution

Changes to purchasing group which are transferred from R/3 to SRM can be done by using BADI BBP_PGRP_ASSIGN_BADI.In standard SAP this BADI is not active it has to be activated.

The screenshot shows the configuration screen for the BADI BBP_PGRP_ASSIGN_BADI. The 'Definition name' is BBP_PGRP_ASSIGN_BADI and the 'Definition short text' is EBP Purchasing Documents: Assign Purchasing Group(s). The 'Interface' tab is selected, showing the interface name IF_EX_BBP_PGRP_ASSIGN_BADI. Below this is a table of methods:

Method	Description
BBP_PO_PGRP_ASSIGN	Method for Purchasing Group Assignment of Purcha
BBP_CT_PGRP_ASSIGN	Method for Purchasing Group Assignment of Contra
BBP_SC_PGRP_ASSIGN	Method for Purchasing Group Assignment of Requir
BBP_BI_PGRP_ASSIGN	Method for Purch. Group Assignment of Bid Invitator

BBP_PGRP_ASSIGN_BADI is filter dependent BADI, based on filter values the purchasing group values for documents will be determined. If filter value is EXTREQ_INB, external requirements are assigned to purchasing group i.e. from R/3 to SRM before sourcing.

The screenshot shows the configuration screen for the BADI BBP_PGRP_ASSIGN_BADI, specifically the 'Type' section. The 'Filter-Depend.' checkbox is checked, and the 'Filter type' is BBP_PD_PROCSTEP. The 'Enhanceable' checkbox is unchecked. The description below the filter type is 'Processing Step of EBP Document Processing'.

When BADI is activated for filter EXTREQ_INB, use BBP_SC_PRGP_ASSIGN method.

Interface IF_EX_BBP_PGRP_ASSIGN_BADI Implemented / Active							
Properties Interfaces Attributes Methods Events Types Aliases							
Method parameters BBP_SC_PGRP_ASSIGN							
Parameter	Type	Pa	O	Typing M	Associated Type	Default value	Description
FLT_VAL	Importin	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Type	BBP_PD_PROCSSTEP		Processing Step of EBP Docume
IS_SC_HEADER	Importin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Type	BBPS_SC_HEADER_IC		Interface Header Data Shopping
IT_SC_ITEM	Importin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Type	BBPT_SC_ITEM_ICU		Item Data Shopping Cart Create/
IT_PD_ACCOUNT	Importin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Type	BBPT_ACC_PA_BADI		Table Type Account Assignment
IT_PD_PARTNER	Importin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Type	BBPT_PARTNER_PA_E		Table Type Business Partner
IT_PD_PORG	Importin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Type	BBPT_PD_PORG_PA_E		Responsible Purchasing Organiz
ET_PD_PORG	Exportin	<input type="checkbox"/>	<input type="checkbox"/>	Type	BBPT_PD_PORG_PA_E		Responsible Purchasing Organiz
CT_PD_PGRP	Changin	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Type	BBPT_PD_PGRP_PA_E		Responsible Purchasing Groups

Parameter CT_PD_PRGP will contain responsible Purchasing Group details, to Fetch Purchase requisition details use 'META_REQUISITION_GETDETAIL'. Function module BBP_OM_DETERMINE_RESP_PGRP is used for fetching Purchasing groups.

Sample code is as below:

Create implementation for BBP_PGRP_ASSIGN_BADI with filter value EXTREQ_INB.

```
IF_EX_BBP_PGRP_ASSIGN_BADI~BBP_SC_PGRP_ASSIGN
Fetch item details of the shopping cart
```

```
CALL FUNCTION 'BBP_PD_SC_GETDETAIL'
  EXPORTING
    i_guid = is_sc_header-guid
  TABLES
    e_item = lt_item.
```

```
* Read item data table details of SC
READ TABLE t_sc_item INTO ls_scitem.
IF sy-subrc EQ 0.
```

```
* To Retrieve details of Purchase requisition of ECC
CALL FUNCTION 'META_REQUISITION_GETDETAIL'
  EXPORTING
    number                = ls_scitem-ext_demid.          "External Requirement
    logical_system        = ls_scitem-ext_dem_logsys      "Logical System
  TABLES
    requisition_items     = t_eban          "PR details
  CLEAR: lwa_scitem.
ENDIF.
```

```
* Fetch details of Purchase Organization and Purchase Groups.
CALL FUNCTION 'BBP_OM_FIND_PURCH_GRP_BEI'
  EXPORTING
    read_purch_org = lc_true
  IMPORTING
    pgrp_tab_ext   = t_purch_grps          " purch. groups
  EXCEPTIONS
```

```
internal_error = 1           "purch. org details"
no_authority   = 2
nothing_found  = 3
OTHERS        = 4.
```

Update CT_PD_PRGP, ET_PD_PRGP with purchase groups fetched from above function module.

Now ECC purchasing group details will appear in SRM.

Related Content

<http://www.sdn.sap.com/irj/sdn/index>

For more information, visit the [Supplier Relationship Management homepage](#)

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