

# BW Authorizations

- Catalog of roles and authorizations objects used for each BW applications :
- WBP Security Matrix
- How to check user authorization
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  - How to find all existing rôles
  - How to find role basing on query name
  - How to find the user's rôles
  - Issues Rôle menu
  - Issues Application menu
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- Old documentation - no more used today in actual WBP application
- Display Calculation View node from HANA view

## Catalog of roles and authorizations objects used for each BW applications :

Link to the google doc :

Old file managed by SoonAik WEE :

<https://drive.google.com/file/d/1ibLr8rVvsplr8UX49hVH0Rx-m3Ko5YNK9IOQfTJ-F2M/view>

## WBP Security Matrix

Link to the matrix :

[Authorizationmatrix.xls](#)

Link for the documentation :

<https://drive.google.com/file/d/15JsFIJ9IGwiDJXjuMplAeJprKyT0Gb4MTVB-cjf7MU/view>

## How to check user authorization

First, you need to know:

1. Username of the user
2. The query name that user use
3. Selection criteria that user enter at Prompt

How:

1. Go to Tcode: RSUDO
2. Enter username of the user and click on 'Start Transaction'

**Execute as User with Restricted Authorizations**

Analysis

Execute as User  ☐ With Log

Start Analysis

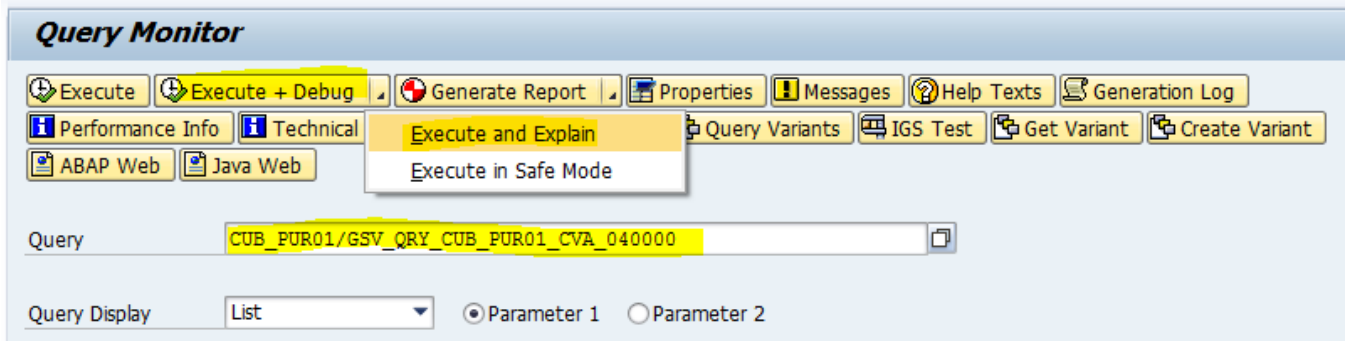
No logs recorded at present

Be careful when using customer exits 

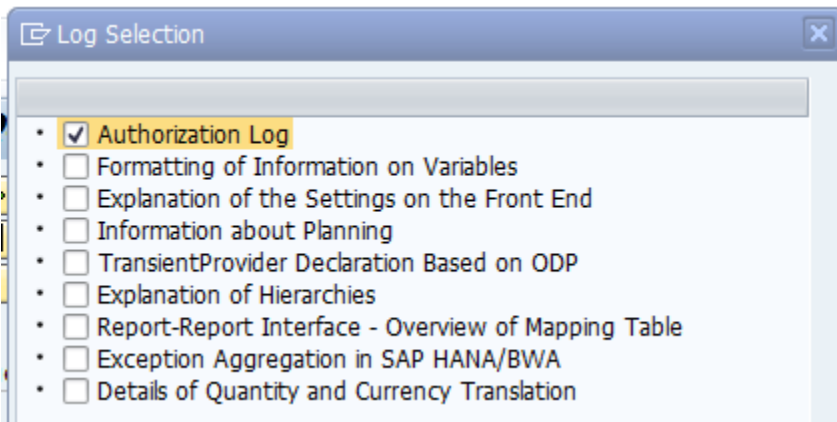
Possible Transactions:

- ☒ RSRT
- ☐ Reporting Agent Monitor
- ☐ Planning Fldrs
- ☐ Planning Workb. BPS0
- ☐ MDX Test
- ☐ RSDRI Debug Program

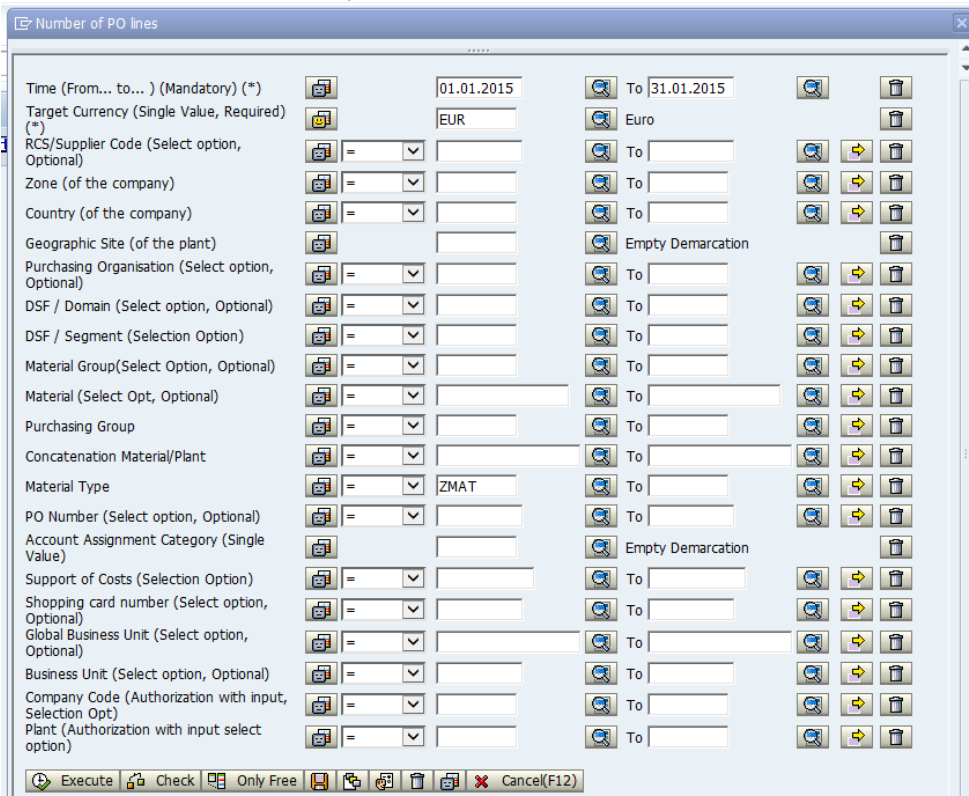
3. Enter query name and click on 'Execute + Debug' by selecting 'Execute and Explain'



4. Mark option 'Authorization Log'



5. Enter selection criteria same as user, Then click on 'Execute'



6. The result will be the same as user. In this case, if there is authorization problem, it will show as below

## BW - output test

Relational browse

Key Figure Definition

Key Figure Detail

Menu



BW - output test

### Messages:

'No Authorization

### Additional information:

Free chars:

| InfoObject       | Name                            | Hierarchy Name |
|------------------|---------------------------------|----------------|
| C_REPTO          | Returns item                    |                |
| C_VENDOR         | Supplier RCS Code               |                |
| C_PKS            | Supplier KPS                    |                |
| C_VENDOR_C_CSDNM | RCS Supplier Code Product Group |                |

7. Click back button, the system will explain why this user does not have authorization.

### Display Error Log

Print Document Save Document Update Display

#### Presentation Options

| Input Help and Variables                          | Check Components                                         | Optimizations                                            |
|---------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| <input type="checkbox"/> Attribute Authorizations | <input checked="" type="checkbox"/> Relevant InfoObjects | <input type="checkbox"/> Buffering of Authorization Data |
| <input type="checkbox"/> Value Authorizations     | <input checked="" type="checkbox"/> InfoProvider Checks  |                                                          |
| <input type="checkbox"/> Node Authorizations      | <input checked="" type="checkbox"/> Authorization Check  |                                                          |

## Authorization Check Log

For a general description see the Note [1234567](#)

Date and Execution Time (Local Server)

Execution Date: **29.07.2015**

Execution Time: **16:03:52**

Executed Query: **CUB\_PUR01/GSV\_QRY\_CUB\_PUR01\_CVA\_040000**

Transaction **RSRT ( BW - output test )**

Executed by User **GBRUN**

Executed with Analysis Authorizations of Another User **BGERARDI**

| Software Component | Release | Level | Support Package |
|--------------------|---------|-------|-----------------|
| SAP_BASIS          | 731     | 0011  | SAPKB73111      |
| SAP_ABA            | 731     | 0011  | SAPKA73111      |
| SAP_BW             | 731     | 0011  | SAPKW73111      |

### InfoProvider Check

Building the Buffer...

...Building buffer

Are there authorizations for accessing InfoProvider CUB\_PUR01 with activity 03?

Authorization exists for general access to InfoProvider CUB\_PUR01 with activity 03 ✓

**Relevant Characteristics for Detailed Authorization Check**  
 (Characteristics with Full Authorization Are Not Listed!)  
 List of Effective Authorization-Relevant Characteristics for InfoProvider CUB\_PUR01:

| Characteristic |
|----------------|
| 0COMP_CODE     |
| 0TCAACTVT      |

---

**Authorization Check**  
 Detail Check for InfoProvider CUB\_PUR01

**Preprocessing:**  
 Selection Checked for Consistency, Preprocessed and Supplemented As Needed  
 End of Preprocessing

---

Filling the Buffer...  
 ...Buffer Filled  
**Main Check:**

---

Subselection (Technical SUBNR) 0  
 Supplementation of Selection for Aggregated Characteristics  
 Check Added for Aggregation Authorization: 0COMP\_CODE

---

**Authorizations missing for aggregation (":")**

| Char.      | 1         |
|------------|-----------|
| 0COMP_CODE | 1EQ #,... |

Entries marked with red do not have aggregation authorization  
 You can find further details about the aggregation authorization check in the Note 1140831

The authorization check stops here as this selection is no longer needed

Message EYE007: You do not have sufficient authorization  
 No Sufficient Authorization for This Subselection (SUBNR)  
**Authorization Check Complete**

## How to do authorization trouble shooting

After BW upgrading, the authorization way has changed a lot.

The DSO DPBWU01 will not be used any more.

|   |                                 |                    |
|---|---------------------------------|--------------------|
| ▼ | 📁 BW Users and Authorizations   | 0TCA               |
| ▼ | 📁 DSO : Authorization BW access | DPBWU01            |
| ▶ | 📁 RSDS DTS_DPBWU01 PC_FILE -    | 0GL6YD TVDBR3Q2... |
| ▶ | 📁 Data Transfer Processes       | DPBWU01            |

Instead, security team will change authorizations directly into roles (for companies, plants, families, etc. ) .

|   |                 |   |            |            |                                               |
|---|-----------------|---|------------|------------|-----------------------------------------------|
| 🟢 | ZR_PLFAP_CA_P01 | 🌐 | 31.03.2014 | 31.12.9999 | Analysis company - All ASIA PACIFIC companies |
|---|-----------------|---|------------|------------|-----------------------------------------------|

3 kinds of rôles are used to control authorizations:

- Rôle menus
- Application menus
- Perimeter Menus

## How to find all existing rôles

1. Go to TCode PFCG
2. Select rôle "ZR\_RCS\_ALL\_MENU" and click on the glass

**Role Maintenance**

Transactions

Role **ZR\_RCS\_ALL\_MENU** Single Role Comp. Role

Name

3. In the "Rôles" tab, see all existing rôles

**Display Roles**

Other role

Role: ZR\_RCS\_ALL\_MENU  
Description: Role composite with all role MenuEE

Description Roles Menu User Personalization

| Role                   | Name                                   | Target sys  | Act                                 |
|------------------------|----------------------------------------|-------------|-------------------------------------|
| ZR_RCS_CA_M01          | PU - Purchasing for plants             | user system | <input checked="" type="checkbox"/> |
| ZR_RCS_CA_M02          | GSV - Global Spend Visibility          | user system | <input checked="" type="checkbox"/> |
| ZR_RCS_CA_M03          | IM - Stocks                            | user system | <input checked="" type="checkbox"/> |
| ZR_RCS_CA_M04          | SPRINT                                 | user system | <input checked="" type="checkbox"/> |
| ZR_RCS_CA_M05          | FIAR - Account Receivables             | user system | <input checked="" type="checkbox"/> |
| ZR_RCS_CA_M05_TEST_B17 | Monitoring Overdue customer Invoice    | user system | <input checked="" type="checkbox"/> |
| ZR_RCS_CA_M06          | FIAP - Account Payables                | user system | <input checked="" type="checkbox"/> |
| ZR_RCS_CA_M07          | TR - Transportation costs              | user system | <input checked="" type="checkbox"/> |
| ZR_RCS_CA_M08          | PM - Plant Maintenance                 | user system | <input checked="" type="checkbox"/> |
| ZR_RCS_CA_M09          | PS - Project Costs                     | user system | <input checked="" type="checkbox"/> |
| ZR_RCS_CA_M10          | CATS - Time sheet                      | user system | <input checked="" type="checkbox"/> |
| ZR_RCS_CA_M11          | COPC - Production Costs                | user system | <input checked="" type="checkbox"/> |
| ZR_RCS_CA_M12          | PL - P&L Reporting                     | user system | <input checked="" type="checkbox"/> |
| ZR_RCS_CA_M13          | Materials list excluding from VS prod. | user system | <input checked="" type="checkbox"/> |

Or the authorization matrix to know which one is still active ( topic BW Catalog of roles and authorizations objects used for each BW applications )

## How to find role basing on query name

In case if user already know the query eg. BW\_QRY\_MVCOPA01\_0004 and you want to find a role to access that user, you can  
1. SE16 on table /BIC/ADBAUTH0400 (active table of DSO DBAUTH04)

Enter selection

SAP Data Browser: Table /BIC/ADBAUTH0400: S

Number of Entries Cancel

Technical query name

Naming convention of application role

|                |                      |    |  |
|----------------|----------------------|----|--|
| TCTIOBJNM      |                      |    |  |
| /BIC/C_SOURQRY |                      | to |  |
| TCTQUERY       | BW_QRY_MVCOPA01_0... |    |  |
| /BIC/C_VALAUTH |                      | to |  |
| TCTOBJVERS     | A                    | to |  |
| /BIC/C_LOW2    |                      | to |  |
| /BIC/C_HIGH2   |                      | to |  |
| TCTROLE        | ZBI_RCS_*A*          | to |  |
| RECORDMODE     |                      |    |  |
| /BIC/C_IOBJNM4 |                      | to |  |
| /BIC/C_VNAM    |                      | to |  |
| /BIC/C_IOBJNM3 |                      | to |  |
| /BIC/K_NBUSERS |                      | to |  |
| /BIC/C_TYPSOUR |                      | to |  |
| /BIC/C_OBJSTAT |                      | to |  |
| TCTSYSID       |                      | to |  |
| /BIC/C_IFAREA  |                      | to |  |
| /BIC/C_RSTREAM |                      | to |  |
| /BIC/C_IOBJNM5 |                      | to |  |

You will get

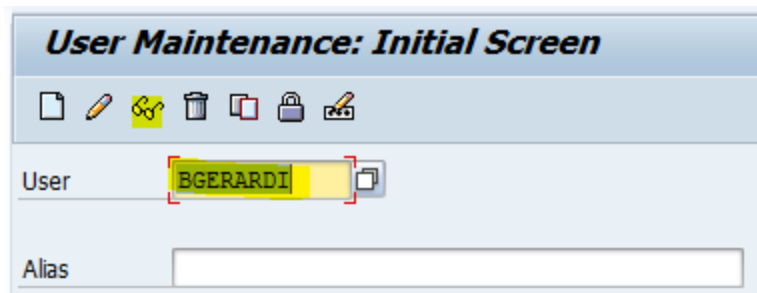
Table: /BIC/ADBAUTH0400

| TCTIOBJNM                              | /BIC/C_SOURQRY | TCTQUERY             | /BIC/C_VALAUTH | TCTOBJVERS | /BIC/C_LO... | /BIC/C_HIG... | TCTROLE             |
|----------------------------------------|----------------|----------------------|----------------|------------|--------------|---------------|---------------------|
| <input type="checkbox"/> 0CO_AREA      | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_NETBACK    | A          | *            |               | ZBI_RCS_FI_A35      |
| <input type="checkbox"/> 0CO_AREA      | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_PL_GBU     | A          | *            |               | ZBI_RCS_FI_A33      |
| <input type="checkbox"/> 0CO_AREA      | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_PL_GBU     | A          | *            |               | ZBI_RCS_FI_A37      |
| <input type="checkbox"/> 0CO_AREA      | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_PL_GBU     | A          | *            |               | ZBI_RCS_ODYSSEY_A01 |
| <input type="checkbox"/> 0CO_AREA      | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_PL_GBU_K   | A          | *            |               | ZBI_RCS_FI_A34      |
| <input type="checkbox"/> CPFCTR1_2     | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_NETBACK    | A          |              |               | ZBI_RCS_FI_A35      |
| <input type="checkbox"/> CPFCTR1_2     | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_PL_GBU     | A          | *            |               | ZBI_RCS_FI_A33      |
| <input type="checkbox"/> CPFCTR1_2     | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_PL_GBU     | A          | *            |               | ZBI_RCS_FI_A37      |
| <input type="checkbox"/> CPFCTR1_2     | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_PL_GBU     | A          | *            |               | ZBI_RCS_ODYSSEY_A01 |
| <input type="checkbox"/> CPFCTR1_2     | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_PL_GBU_K   | A          | *            |               | ZBI_RCS_FI_A34      |
| <input type="checkbox"/> C_COMPCDE     | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_NETBACK    | A          | *            |               | ZBI_RCS_FI_A35      |
| <input type="checkbox"/> C_COMPCDE     | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_PL_GBU     | A          | *            |               | ZBI_RCS_FI_A33      |
| <input type="checkbox"/> C_COMPCDE     | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_PL_GBU     | A          | *            |               | ZBI_RCS_FI_A37      |
| <input type="checkbox"/> C_COMPCDE     | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_PL_GBU     | A          | *            |               | ZBI_RCS_ODYSSEY_A01 |
| <input type="checkbox"/> C_COMPCDE     | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_PL_GBU_K   | A          | *            |               | ZBI_RCS_FI_A34      |
| <input type="checkbox"/> C_COMPCDE_... | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_NETBACK    | A          |              |               | ZBI_RCS_FI_A35      |
| <input type="checkbox"/> C_COMPCDE_... | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_PL_GBU     | A          |              |               | ZBI_RCS_FI_A33      |
| <input type="checkbox"/> C_COMPCDE_... | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_PL_GBU     | A          |              |               | ZBI_RCS_FI_A37      |
| <input type="checkbox"/> C_COMPCDE_... | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_PL_GBU     | A          |              |               | ZBI_RCS_ODYSSEY_A01 |
| <input type="checkbox"/> C_COMPCDE_... | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_PL_GBU_K   | A          |              |               | ZBI_RCS_FI_A34      |
| <input type="checkbox"/> C_COMPCDE_... | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_NETBACK    | A          |              |               | ZBI_RCS_FI_A35      |
| <input type="checkbox"/> C_COMPCDE_... | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_PL_GBU     | A          |              |               | ZBI_RCS_FI_A33      |
| <input type="checkbox"/> C_COMPCDE_... | MVCOPA01       | BW_QRY_MVCOPA01_0004 | ZBI_PL_GBU     | A          |              |               | ZBI_RCS_FI_A37      |

## How to find the user's rôles

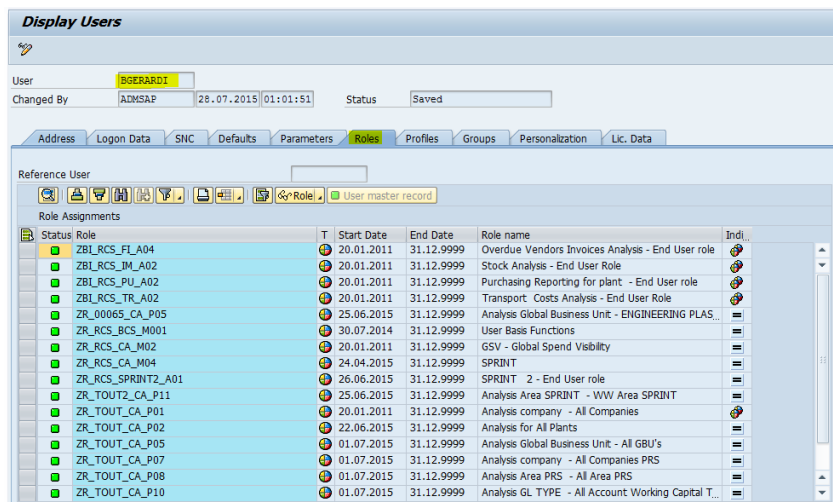
1. Go to TCode SU01

2. Choose the user and click on the glass



The screenshot shows the 'User Maintenance: Initial Screen'. At the top, there is a title bar with the text 'User Maintenance: Initial Screen'. Below the title bar is a toolbar with icons for file operations (new, open, save, delete, print, etc.). The main area has two input fields: 'User' and 'Alias'. The 'User' field contains the text 'BGERARDI' and is highlighted with a yellow background. The 'Alias' field is empty.

3. Go to "Rôles" tab and see the rôles authorized for this user



The screenshot shows the 'Display Users' window with the 'Roles' tab selected. The 'User' field contains 'BGERARDI'. The 'Changed By' field contains 'ADM SAP' and the 'Status' is 'Saved'. The 'Roles' tab is active, showing a list of role assignments for the user. The table has columns for Status, Role, Start Date, End Date, Role name, and Indi. The roles listed include ZBL\_RCS\_FT\_A04, ZBL\_RCS\_IM\_A02, ZBL\_RCS\_PU\_A02, ZBL\_RCS\_TR\_A02, ZR\_00065\_CA\_P05, ZR\_RCS\_BCS\_M001, ZR\_RCS\_CA\_M04, ZR\_RCS\_CA\_M04, ZR\_RCS\_SPRINT2\_A01, ZR\_TOUT2\_CA\_P11, ZR\_TOUT\_CA\_P01, ZR\_TOUT\_CA\_P02, ZR\_TOUT\_CA\_P05, ZR\_TOUT\_CA\_P07, ZR\_TOUT\_CA\_P08, and ZR\_TOUT\_CA\_P10.

| Status | Role               | T | Start Date | End Date   | Role name                                           | Indi |
|--------|--------------------|---|------------|------------|-----------------------------------------------------|------|
|        | ZBL_RCS_FT_A04     |   | 20.01.2011 | 31.12.9999 | Overdue Vendors Invoices Analysis - End User role   |      |
|        | ZBL_RCS_IM_A02     |   | 20.01.2011 | 31.12.9999 | Stock Analysis - End User Role                      |      |
|        | ZBL_RCS_PU_A02     |   | 20.01.2011 | 31.12.9999 | Purchasing Reporting for plant - End User role      |      |
|        | ZBL_RCS_TR_A02     |   | 20.01.2011 | 31.12.9999 | Transport Costs Analysis - End User Role            |      |
|        | ZR_00065_CA_P05    |   | 25.06.2015 | 31.12.9999 | Analysis Global Business Unit - ENGINEERING PLAS... |      |
|        | ZR_RCS_BCS_M001    |   | 30.07.2014 | 31.12.9999 | User Basis Functions                                |      |
|        | ZR_RCS_CA_M04      |   | 20.01.2011 | 31.12.9999 | GSV - Global Spend Visibility                       |      |
|        | ZR_RCS_CA_M04      |   | 24.04.2015 | 31.12.9999 | SPRINT                                              |      |
|        | ZR_RCS_SPRINT2_A01 |   | 26.06.2015 | 31.12.9999 | SPRINT 2 - End User role                            |      |
|        | ZR_TOUT2_CA_P11    |   | 25.06.2015 | 31.12.9999 | Analysis Area SPRINT - VVV Area SPRINT              |      |
|        | ZR_TOUT_CA_P01     |   | 20.01.2011 | 31.12.9999 | Analysis company - All Companies                    |      |
|        | ZR_TOUT_CA_P02     |   | 22.06.2015 | 31.12.9999 | Analysis for All Plants                             |      |
|        | ZR_TOUT_CA_P05     |   | 01.07.2015 | 31.12.9999 | Analysis Global Business Unit - All GBU's           |      |
|        | ZR_TOUT_CA_P07     |   | 01.07.2015 | 31.12.9999 | Analysis company - All Companies PRS                |      |
|        | ZR_TOUT_CA_P08     |   | 01.07.2015 | 31.12.9999 | Analysis Area PRS - All Area PRS                    |      |
|        | ZR_TOUT_CA_P10     |   | 01.07.2015 | 31.12.9999 | Analysis GL TYPE - All Account Working Capital T... |      |

## Issues Rôle menu

Description :

The user can't see a rôle menu containing queries or workbooks

Solution :

1. Find the menu rôles authorized for this user (ending with Mxx)
2. Compare with the list of all existing menu rôles
3. Find the missing rôle and ask security team to add it to the user's authorizations.

## Issues Application menu

Description :

The user can see a query in a rôle, can't execute it.

Solution :

1. Find the application rôles authorized for this user (ending with Axx)
2. Compare with the list of all existing application rôles
3. Find the missing rôle and ask security team to add it to the user's authorizations.

## Issues Perimeter menu

Description :

The user can see a query in a rôle, can execute it, but can't access to a defined perimeter (Company, Plant, ...)

Solution :

1. Find the perimeter rôles authorized for this user (not ending with Mxx nor Axx)
2. Compare with the list of all existing perimeter rôles
3. Find the missing rôle and ask security team to add it to the user's authorizations.

## Old documentation - no more used today in actual WBP application

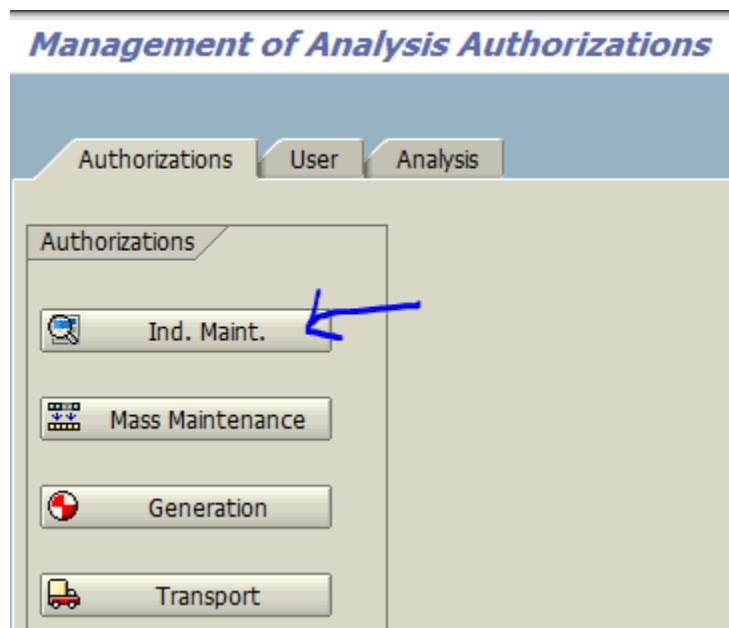
And we can check user's perimeters by checking table /BIC/ADPBWUAU0100 in SE16.



### Don't use

The former way of checking authorization object by RSSM is no longer applicable **use RSECADMIN** to check.

2.



### Maintain Authorizations: Initial Screen

Display
 Change
 Create
 Activate
 Deactivate

Version: ■ M Active/Modified

Authorizaton: Z\_PS

Version Status: \_\_\_\_\_

Runtime Version: \_\_\_\_\_

Origin: \_\_\_\_\_

### Maintain Authorizations: Z\_PS Display

Change <-> Display
 Activate
 Usage
 Information

Authorization: Z\_PS
 Last Changed: GTHEVENE 04.07.2014

Short Text: Project Costs
 Status: Active

Medium Text: Project Costs

Long Text: Project Costs

Details

| Auth. Structure     |                              |           |      |
|---------------------|------------------------------|-----------|------|
| Charact./Dimensions | Description                  | Intervals | Node |
| C_COSTCTR           | Cost Center                  | ✖         |      |
| C_COSTCTR_C_FUNCT 2 | 2 Function                   | ✖         |      |
| C_FAMIL             | Family of WBS element        | [ ]       |      |
| C_FAMINPR           | Family of investment project | ✖         |      |
| C_FUNCT 2           | 2 Function                   | ✖         |      |
| C_FUNCT 3           | 3 Sub-function Grouping      | ✖         |      |
| C_MATPLNT_C_PFCTR1  | 1 - RCS Global Business Unit | [ ]       |      |

3. We can also use RSECADMIN to "Execution as" a user's account, and then check logs to troubleshoot.

**+Important** : before to do it, you have to add some breakpoint on the Class Builder (SE24) to change the actual user because if not the user tested it will be your and not the user entered (execution as)

```

Last update date.
*Description: Auhtorisation project
.....
data :
  l_s_range      type rsr_s_rangesid,
  itb_C_VALAUTH type table of /BIC/OIC_VAL
  v_C_VALAUTH type /BIC/OIC_VALAUTH,
  v_sy_uname type sy-uname.

refresh rt_range.
clear l_s_range.

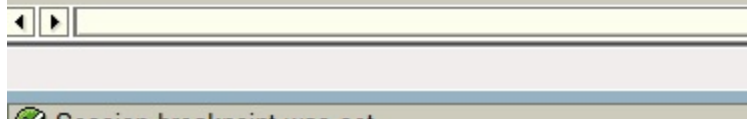
*clean table itb_c_valauth
clear   : itb_c_valauth.
refresh : itb_c_valauth.
free    : itb_c_valauth.

*initialization v_sy-uname
v_sy_uname = sy-uname.

select /BIC/C_VALAUTH
into table itb_C_VALAUTH
from   /BIC/ADPBWU0100
where  TCTUSERNM = v_sy_uname
and    TCTIOBJNM LIKE '%CPFCTR1_2%'
and    TCTOBJVERS = 'A'.

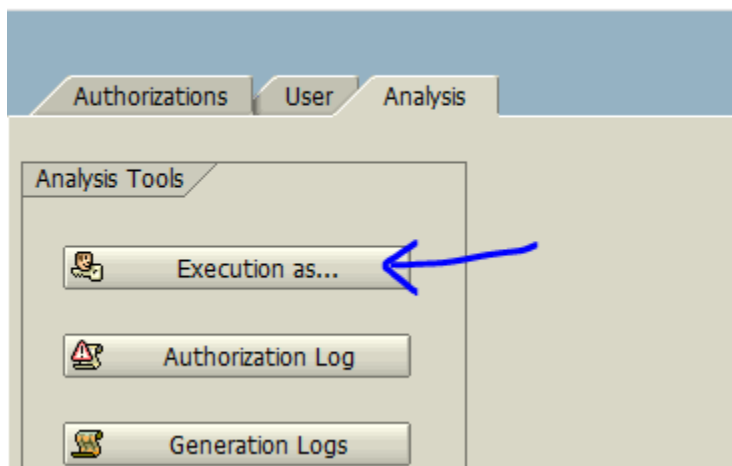
if sy-subrc = 0.

```



After you can use the RSEADMIN

## ***Management of Analysis Authorizations***



## Execute as User with Restricted Authorizations

Analysis

Execute as User
TH40051
☒ With Log

Start Analysis

Start Transaction

No logs recorded at present

Display Log

Be careful when using customer exits

How does this work?

Possible Transactions:

- ☒ RSRT
- ☐ Reporting Agent Monitor
- ☐ Planning Fldrs
- ☐ Planning Workb. BPS0
- ☐ MDX Test
- ☐ RSDRI Debug Program

4. For some authorization objects ( Z\_PS kind of things ), sometimes a dimension might be missing. For example, CPFCTR1\_2 was missing for PS. Then when we troubleshoot with a user's account, it prompts "No authorization" and in the log, it shows CPFCTR1\_2 is empty. Then we add the dimensions in Z\_PS and it's ok.

## Maintain Authorizations: Z\_PS Display

 Change <-> Display
  Activate
  Usage
  Information

Authorization: Z\_PS
Last Changed: GTHEVENE 04.07.2014 01

Short Text: Project Costs
Status: Active

Medium Text: Project Costs

Long Text: Project Costs

 Details

| Charact./Dimensions | Description                  | Intervals                                                                             | Node |
|---------------------|------------------------------|---------------------------------------------------------------------------------------|------|
| 0TCAVALID           | Validity of an Authorization |  |      |
| 0TCTAUTHH           | Authorization for hierarchy  |  |      |
| CPFCTR1_2           | BFC Global Business Unit     |  |      |
| C_BFCA_4            | BFC GBU (FC GBU)             |  |      |

5. For dimensions with [] as below, if they exist in a query, we need to add filters for them in the Query Designer. The filters can be one of the three kinds:

- User selection filters
- Authorization filters
- Customer exit filters

## Maintain Authorizations: Z\_PS Display

 Change <-> Display  Activate  Usage  Information

Authorization:

Last Changed:

Short Text: 

Status:

Medium Text:

Long Text:

          Details

Auth. Structure

| Charact./Dimensions | Description                  | Intervals                                                                           | Node |
|---------------------|------------------------------|-------------------------------------------------------------------------------------|------|
| C COSTCTR C FUNCT_2 | 2 Function                   |  |      |
| C FAMIL             | Family of WBS element        |  |      |
| C FAMINPR           | Family of investment project |  |      |
| C FUNCT_2           | 2 Function                   |  |      |
| C FUNCT_3           | 3 Sub-function Grouping      |  |      |
| C MATPLNT C PFCTR1  | 1 - RCS Global Business Unit |  |      |
| C MA PR C BFCA_4    | BFC GBU (FC GBU)             |  |      |

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