HRALXSYNC Program in SRM

Applies to SAP SRM 5.0, SAP SRM 7.0

Summary

The Goal of this Document is to provide overview of HRALXSYNC program, Benefits of running this program in SRM to avoid Shopping cart errors & SAP suggested method to run this program.

- HRALXSYNC Overview:
  - The need to run HRALXSYNC report in SRM:
  - How to run HRALXSYNC Program in SRM:

Related Content

- Related Documents
- Related SAP Notes/KBAs

HRALXSYNC Overview:

This Program is applicable in SRM wherein the users are replicated from HR system in ECC.

Whenever a change of organizational assignment (Object-O) for an employee (Object-P), effective in the future, get posted in HR Master Data & when these Changes are distributed to SRM system through HRMD_ABA message type Idocs, the HRALXSYNC report in SRM helps in synchronizing Business partner of the person with the Business partner of the organizational unit with the relationship BUR010.

The Business partner relationship between Person & org unit is updated in table BUT050 with the relationship BUR010. The Report can be executed in any one of the following three options

1) Transaction: BBP_BP_OM_INTEGRATE

2) Program: HRALXSYNC

3) SPRO->Supplier Relationship Management ->SRM Server->Cross-Application Basic Settings->Organizational Management->Integration Business Partner-O rganizational Management->Match Up Organizational Units and Persons with Business Partners
The need to run HRALXSYNC report in SRM:

When the Shopping cart is created in SRM system (where the SRM system is integrated with HR system for User replication using HRMD_ABA Idocs) the Following error occurs & doesn't allow the Shopping cart to proceed further.

1) *No address found for partner function type Goods Recipient

2) *No address found for partner function type Requestor

The root cause of this error message is the program HRALXSYNC did not run in SRM environment & failed to create a Business partner relationship in BUT050 table.

The HRALXSYNC report shows the following message as “Employee relationship between BP and BP org Missing” as follows.

How to run HRALXSYNC Program in SRM:

This report should be run in background on a daily basis in SRM to synchronize Business partners of the person & the Business partner of the org unit.

Note:
“Changes since” parameter should be kept as current as possible, as it determines the amount of data selected for each synchronization. If it is too old in the past, a high amount of data will be selected causing memory and performance issues to appear.

For example, this report can be run background using below option in variant.
Please run this report "without selecting Run attribute check" in background to update in Database.

After running this report the table BUT050 is updated as follows.

Report Verification:

When this report is run using Run attribute check box this report doesn’t perform the actual update & can be used to verify errors per orgunit or per person.

Related Content

Related Documents

Debugging hints for user consistency check in transaction users_gen
Related SAP Notes/KBAs

SAP Note: 2214586 - BP integration: BBP_UM_UI040 error in SRM relation checks from HRALXSYNC
SAP Note: 2008038 - BP integration: BBP_UM_UI070 error in SRM address checks from HRALXSYNC
SAP Note: 1385399 - HRALXSYNC: Run time error TSV_TNEW_OCCURS_NO_ROLL_MEMORY
SAP Note: 1089992 - HRALXSYNC: Dump with TIME_OUT in repair mode
SAP Note: 845002 - HRALX: HRALXSYNC performance