2153561 - Performance Problems and structural authorizations

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Component	PA-BC (HCM Authorization and HCM Basis)	**Released On**	05.06.2017

Please find the original document at **https://launchpad.support.sap.com/#/notes/2153561**

Symptom

The users are updated wih the structural authorizations and there are performance problems related.

Environment

- Human Capital Management (HCM)
- SAP R/3
- SAP R/3 Enterprise 4.7
- SAP ERP Core Component
- SAP ERP
- SAP enhancement package for SAP ERP
- SAP enhancement package for SAP ERP, version for SAP HANA

Reproducing the Issue

The system is getting performance problems ussing any of the HR functionality transactions. It happens with users updated with the Structural authorizations profiles.

Cause

The performance problem can be related to the structural authorizations and the big number of object related to these structural authorizations that the system have to check for authorizations.

Resolution

If you have a performance problem because the structural authorizations, the option to improve the performance is:

- Use the RHBAUS00 report. Check the system documentation for more information.
- Use the badi HRBAS00_RHBAUS00.

Them the INDX table will be created and system will check the authorized object here improving the time for this authorizations check.

Note: Once the INDX table is created, the system doesn't perform any other athorization check. Just look into the table and if the object is not here, the user is not goign to be authorized.

Keywords

RHBAUS00 HRBAS00_RHBAUS00 INDX

Products

SAP ERP 6.0

SAP ERP Central Component all versions

SAP ERP all versions

SAP R/3 Enterprise all versions

SAP R/3 all versions

SAP enhancement package for SAP ERP all versions

SAP enhancement package for SAP ERP, version for SAP HANA all versions