2479911 - How to enable change log on PD database table

Version	2	**Type**	SAP Knowledge Base Article
Language	English	**Master Language**	English
Release Status	Released to Customer	**Category**	How To
Component	PA-PD-PM (Objective Setting and Appraisals)	**Released On**	29.08.2017

Please find the original document at **https://launchpad.support.sap.com/#/notes/2479911**

Symptom

You want to get the change log of some appraisal document related database tables or infotypes in a certain client.

Environment

- Human Capital Management (HCM)
- SAP enhancement package 4 for SAP ERP 6.0
- SAP enhancement package 4 for SAP ERP 6.0 on SAP enhancement package for SAP NetWeaver 7.0
- SAP enhancement package 5 for SAP ERP 6.0
- SAP enhancement package 6 for SAP ERP 6.0
- SAP enhancement package 7 for SAP ERP 6.0
- SAP enhancement package 8 for SAP ERP 6.0
- SAP enhancement package 6 for SAP ERP 6.0, version for SAP HANA

Resolution

1. Turn on 'Log data changes' function for the table through either way below.
    - Set 'Log data changes' from SE11.
        - A. Run transaction code SE11, input table name (for example, HRHAP) into 'Database table' field and press Change button.
        - B. Press 'Technical Settings' button.
        - C. Select the checkbox 'Log data changes', and save.
    - Set 'Log data changes' from SE13.
        - A. Run transaction code SE13.
        - B. Input table name (for example, HRHAP) into 'Table/view name' field and press Change button.
        - C. Select the 'Log data changes' and save.
2. Set the parameter rec/client in the system profile to restrict the clients on which log is expected by following KBA 2437986.
    Please note, if rec/client is set to ALL when setting the system profile rec/client, there may be negative impact on system performance.
3. Run transaction code SCU3 or report RSVTPROT to evaluate the logs.

Additional Information:
Most of the appraisal document data is stored in HRHAP* tables. These tables belong to the performance management application and contain only appraisal documents related information. These tables are:
HRHAP
HRHAP_T
HRHAP_APPER
HRHAP_APPEE
HRHAP_P_APPER
HRHAP_OTHERS
HRHAP_BASIC
HRHAP_OBJECT
HRHAP_PART
HRHAP_FINAL
HRHAP_FURTHER
HRHAP_ACT_LOG
HRHAP_PROCESS
HRHAP_OFFLINE

Note: The above way of database table log should be used with caution !
This concept is not suitable for recording or managing large quantities of data. Also activation of this recording function will cause twice as many database updates as before, resulting in a higher DB memory load and performance losses.
For more details regarding this recording function itself, please refer to SAP Note 1916 - Logging table changes in R/3

From the application point of view, it is recommended to use the application log to trace the change. For details, please refer to the Wiki Page of How to trace changes on appraisal documents.

See Also

Help Document Logging Customizing Objects

Keywords

delete; change log; access log; appraisal; document; performance; management; database; scu3; rec/client; RSVTPROT; Evaluation of change logs; DB table change; profile parameter; HRHAP; HRHAP_T; HRHAP_APPER; HRHAP_APPEE; HRHAP_P_APPER; HRHAP_OTHERS; HRHAP_BASIC; HRHAP_OBJECT; HRHAP_PART; HRHAP_FINAL; HRHAP_FURTHER; HRHAP_ACT_LOG; HRHAP_PROCESS; HRHAP_OFFLINE; STXL; STXH

Products

SAP enhancement package 4 for SAP ERP 6.0
SAP enhancement package 4 for SAP ERP 6.0 on SAP enhancement package for SAP NetWeaver 7.0
SAP enhancement package 5 for SAP ERP 6.0
SAP enhancement package 6 for SAP ERP 6.0
SAP enhancement package 6 for SAP ERP 6.0, version for SAP HANA
SAP enhancement package 7 for SAP ERP 6.0
SAP enhancement package 8 for SAP ERP 6.0

Other Components

Component	Description
BC-CUS-TOL-ALO	Activity Log
PA-PD-AP	Appraisal Systems

This document refers to

SAP Note/KBA	Title
1916	Logging of table changes in R/3
	Customizing System Setting (BC-CUS)
	How to trace changes on appraisal documents