

NOTE SEPTEMBER 2012

Transaction **STAUTHTRACE** – enhanced authorization analysis

Transaction **STAUTHTRACE** is a specific version of transaction **ST22** focusing on authorization analysis. The transaction was introduced mid of 2011. The trace reads the information on the respective server you are logged on.

With *OSS 1707841* you can enhance the functionality so that either a system-wide or a server specific evaluation is executable.

In the corresponding selection criteria for "Trace Options", the trace can be activated for one or all users.

In addition it is possible to just activate the trace for errors.

Trace Options

Trace for user only

Trace for errors only

Restrictions for the Evaluation

User: to

From: 22.09.2012 10:36:03

To: 22.09.2012 11:36:03

Transaction: to

Authorization Object: to

Result: to




Maximum Number of Records:

Filter Duplicate Entries

The evaluation allows selecting one or multiple users for a specific time frame, transaction or even authorization object with exclusion of duplicate entries.

The basic control options are incorporated as displayed here.

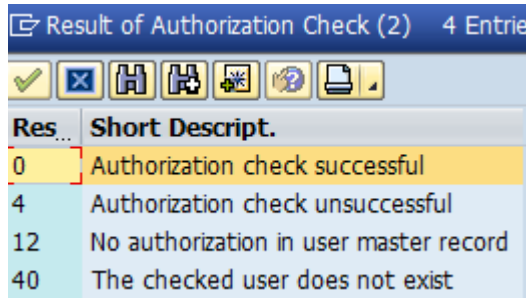
System Trace for Authorization Checks

 Evaluate
  Activate Trace
  Deactivate Trace

The evaluation results can be displayed as an easy to read ALV list.

System Trace for Authorization Checks															
Date	Time	User Name	TCode	Program Name	Check Result	Result of Authorization Check	Additio. Object	Field 1	Value 1	Field 2	Value 2	Field 3	Value 3	Field 4	Value 4
22.09.2012	11:37:27:908	MLWAGENER	PF03	SAPLSUSE	0	Authorization check successful	S_TCODE	TCD	PF03						
22.09.2012	11:37:27:910	MLWAGENER	PF03	SAPLSUSE	0	Authorization check successful	S_USER_AGR	ACT_GROUP							
22.09.2012	11:37:27:929	MLWAGENER		SAPLSMPL_NAVIGATION_SIMULATION	4	Authorization check unsuccessful	S_USER_PR0	PROFILE							
22.09.2012	11:37:28:465	MLWAGENER		SAPLSTR9	12	No authorization in user master record	S_CTS_ADM	CTS_ADMFCT	TABL						
22.09.2012	11:37:28:505	MLWAGENER		SAPLSTR9	12	No authorization in user master record	S_CTS_ADM	DOMAIN	DOMARL_T01	DESTSYS	T01	CTS_ADMFCT	TABL		
22.09.2012	11:37:31:862	MLWAGENER	SU01	SAPLSUSE	4	Authorization check unsuccessful	S_TCODE	TCD	SU01						
22.09.2012	11:37:32:979	MLWAGENER	PN01	SAPLSUSE	4	Authorization check unsuccessful	S_TCODE	TCD	PN01						
22.09.2012	11:38:04:910	MLWAGENER	SE38	SAPLSUSE	4	Authorization check unsuccessful	S_TCODE	TCD	SE38						
22.09.2012	11:38:09:892	MLWAGENER	SA38	SAPLSUSE	0	Authorization check successful	S_TCODE	TCD	SA38						
22.09.2012	11:38:09:894	MLWAGENER	SA38	SAPLSUSE	0	Authorization check successful	S_PROGRAM	P_GROUP		P_ACTION	SUBMIT				
22.09.2012	11:38:15:359	MLWAGENER	SA38	RO3R003	12	No authorization in user master record	S_USER_ADM	S_ADM_AREA	CHKSTDPWD						
22.09.2012	11:38:15:479	MLWAGENER	SA38	SAPLSVX	0	Authorization check successful	S_TABL_OIS	DICBERCLS	SS	ACTVT	02				
22.09.2012	11:38:15:482	MLWAGENER	SA38	SAPLSVX	0	Authorization check successful	S_TABL_OI1	CLBERMANT	X						
22.09.2012	11:38:15:485	MLWAGENER	SA38	RO3R003	4	Authorization check unsuccessful	S_USER_GRP	CLASS	SUPER	ACTVT	02				

The following authorization check results are available:



The screenshot shows a table titled "Result of Authorization Check (2) 4 Entries". The table has two columns: "Res.." and "Short Descript.". The first row is highlighted in yellow and shows "0" in the "Res.." column and "Authorization check successful" in the "Short Descript." column. The second row shows "4" and "Authorization check unsuccessful". The third row shows "12" and "No authorization in user master record". The fourth row shows "40" and "The checked user does not exist".

Res..	Short Descript.
0	Authorization check successful
4	Authorization check unsuccessful
12	No authorization in user master record
40	The checked user does not exist

NOTE!

With *OSS 1745172* the results of the trace can even be imported during the **SU24** maintenance.

As per *OSS 1631929* (prerequisites are either support package SAPKB70211 or support package SAPKB70210), the trace results can also be copied in transaction **PFCG** into the role menu (Copy Menu -> Import from Trace).