



Mastering SAP

Authorization Objects: A Comprehensive Overview



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Mastering SAP Authorization Objects: A Comprehensive Overview:

Introduction

One of the biggest reasons SAP has been successful is its high level of security, making it highly favoured by auditors for its compliance with SOX (Sarbanes-Oxley) requirements.

What is an Authorization Object?

An authorization object allows you to access specific functions within the SAP System. Each authorization corresponds to an authorization object and defines values for each authorization field within that object. These authorizations are organized into profiles, which are then assigned to user master records.

In this blog, we will delve into the following topics:

- How to Find the Authorization Object Associated with a Transaction Code in SAP
- How to Determine an Authorization Object Based on its Name in SAP
- How to Retrieve Authorization Objects by Process Area in SAP
- How to Access All Activity Authorization Objects in SAP
- How to Identify Different Activity Types for Authorization Objects

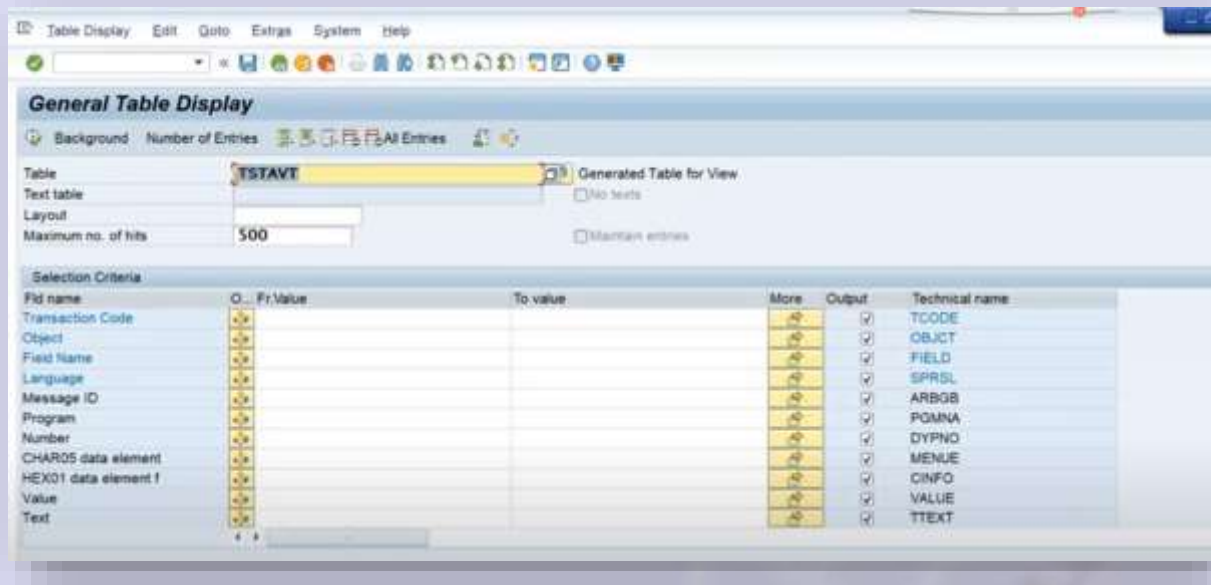
Solution

How to Find the Authorization Object Associated with a Transaction Code in SAP

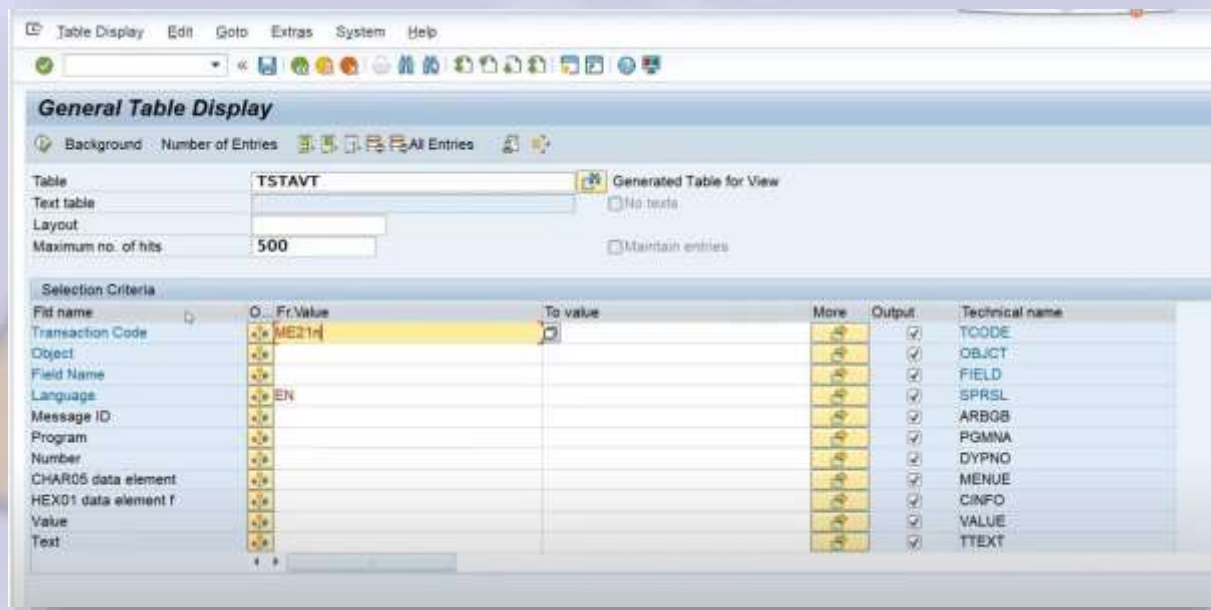
- Navigate to the SE16N transaction code.



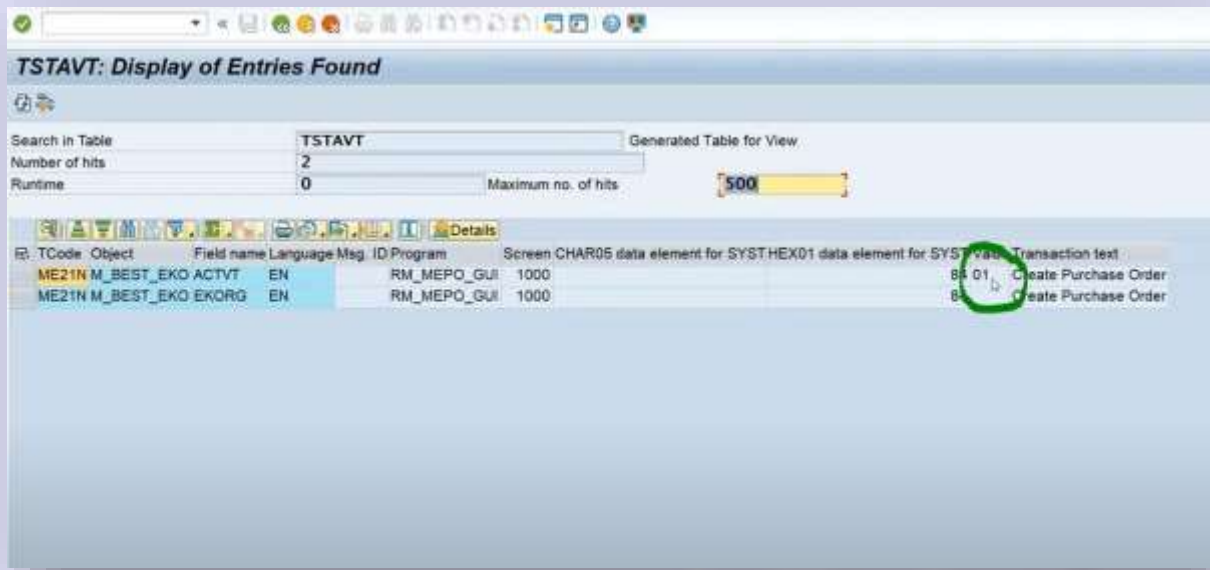
Please Provide Table TSTAVT



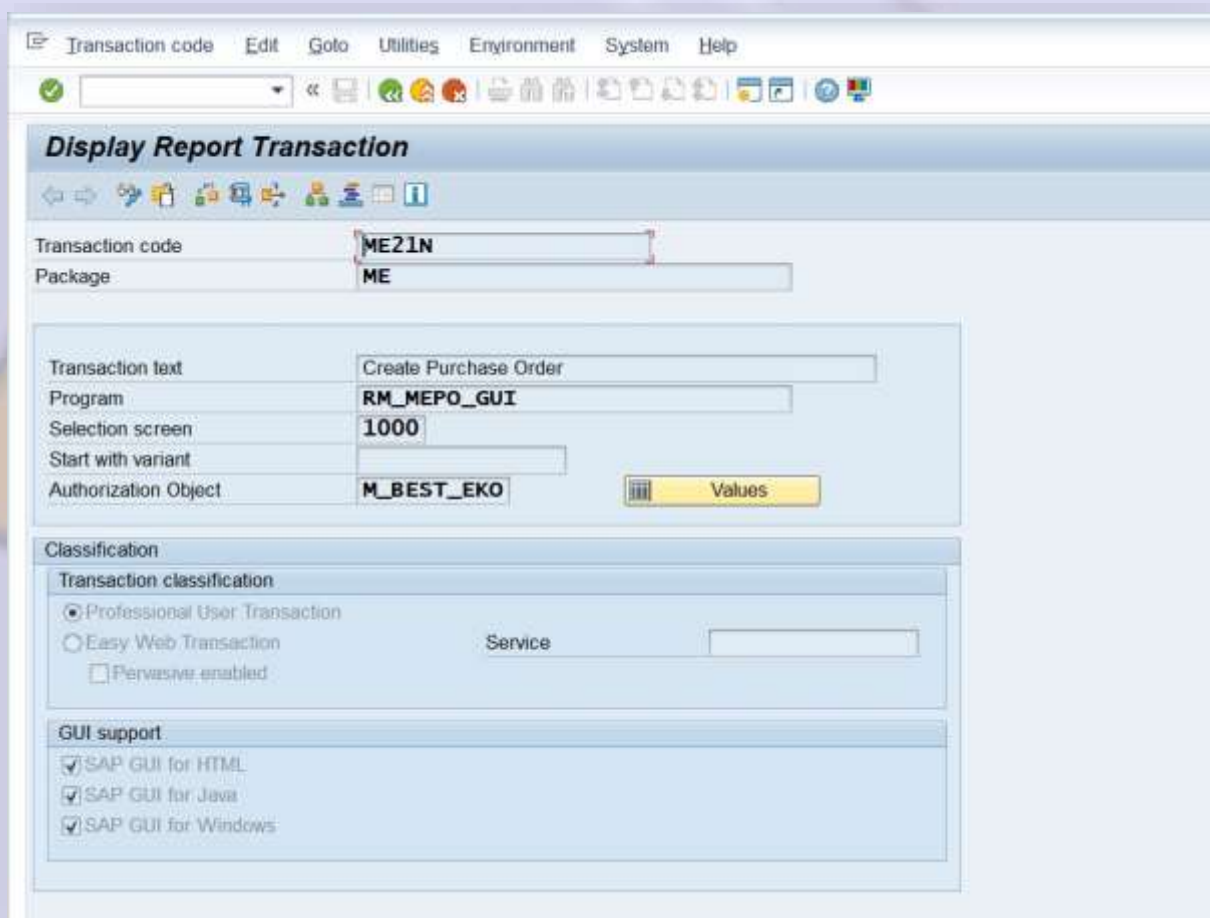
Provide the Transaction Code or Transaction Codes you want to Check. Below example shows we are checking ME21N



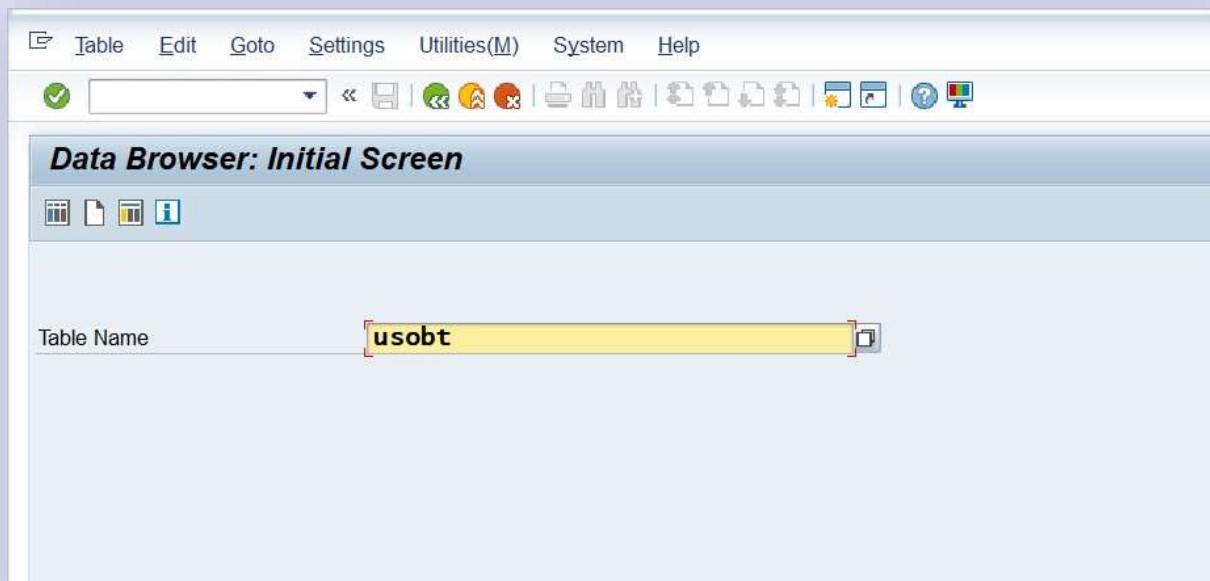
Here are the below entries.



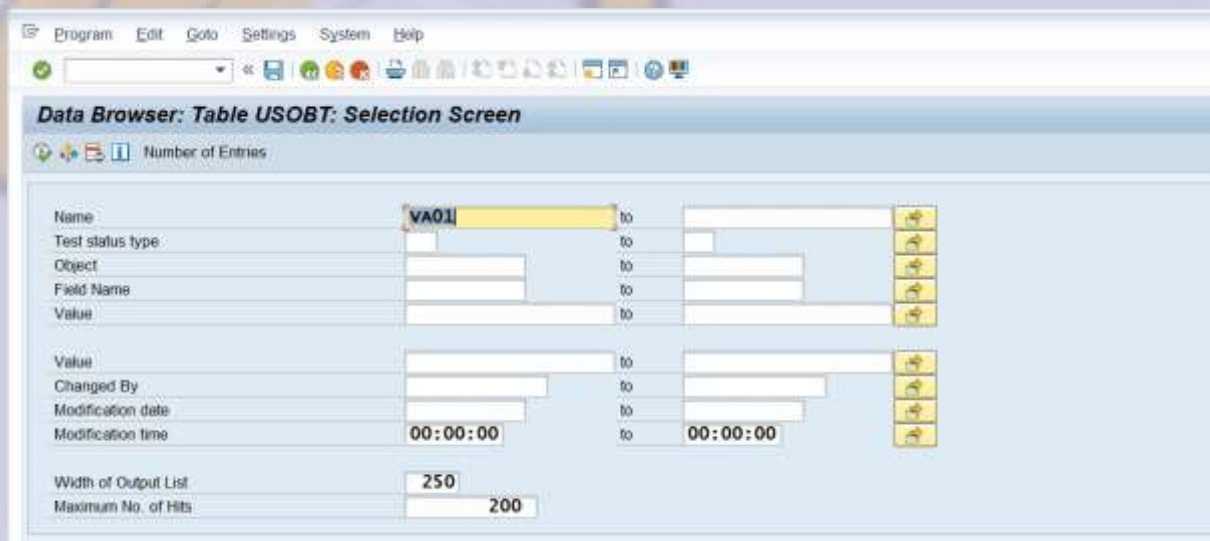
The above list only shows the Auth Object Assigned in SE93 Transaction Code.



In order to get the Authorization object assigned not in SE93 and also assigned use Table USOBT



Here is the result for VA01



IP: Data Entry Edit Data Settings System Help

Data Browser: Table USOBT Select Entries 46

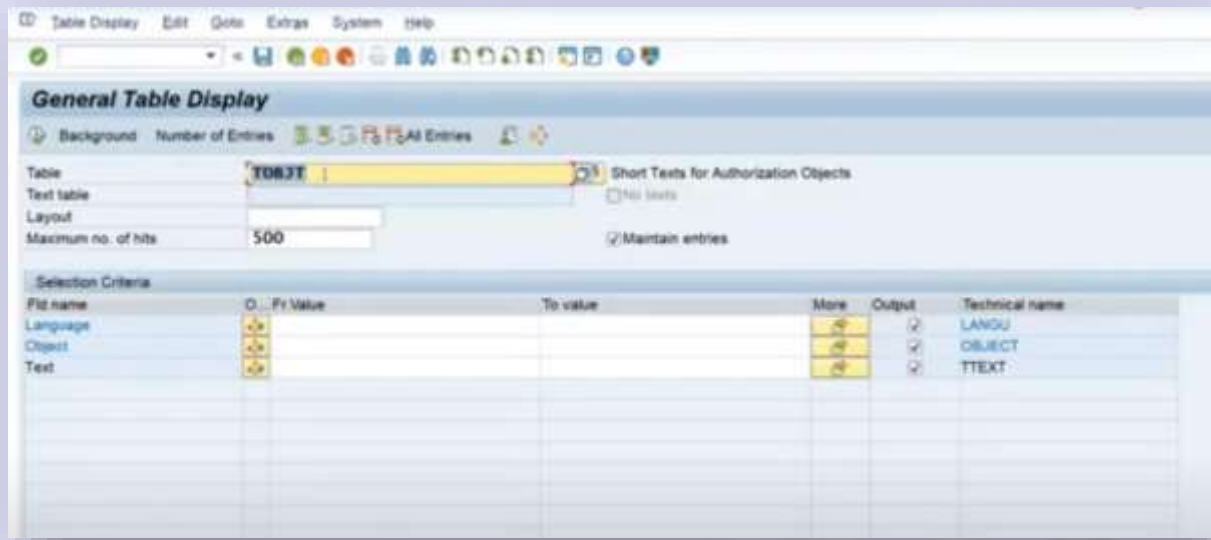
Check Table

Name	Tabl status type and Proposed Values	Authorization Object	Authorization Fkt	Authorization Value	Authorization Value Changed By	Modification date	Modification time
VA01 TR	B_USERSTAT	ACTVT	01		SAP	07/03/1996	11:13:53
VA01 TR	B_USERSTAT	ACTVT	06		SAP	07/03/1996	11:13:53
VA01 TR	B_USERSTAT	BERSL			SAP	07/02/1996	10:35:03
VA01 TR	B_USERSTAT	OBJTYP			SAP	07/02/1996	10:35:03
VA01 TR	B_USERSTAT	STSMMA			SAP	07/02/1996	10:35:03
VA01 TR	B_USERST_T	ACTVT			SAP	01/31/2000	06:58:05
VA01 TR	B_USERST_T	BERSL			SAP	01/31/2000	06:58:05
VA01 TR	B_USERST_T	OBJTYP			SAP	01/31/2000	06:58:05
VA01 TR	B_USERST_T	STSMMA			SAP	01/31/2000	06:58:05
VA01 TR	C_TCLS_BER	HLART			SAP	11/02/1999	14:27:07
VA01 TR	C_TCLS_BER	SICHT			SAP	11/02/1999	14:27:07
VA01 TR	C_TCLS_MNT	ACTVT			SAP	11/02/1999	14:27:06
VA01 TR	C_TCLS_MNT	HLART			SAP	11/02/1999	14:27:06
VA01 TR	C_TCLS_MNT	SICHT			SAP	11/02/1999	14:27:06
VA01 TR	K_CRBS	ACTVT	01		SAP	07/05/1996	17:01:48
VA01 TR	K_CRBS	ACTVT	02		SAP	07/05/1996	17:01:48
VA01 TR	K_CRBS	ACTVT	03		SAP	07/05/1996	17:01:48
VA01 TR	K_CRBS	KOKRS	WOKRS		SAP	02/06/2003	14:22:18
VA01 TR	K_REA_TC	ACTVT			SAP	10/27/1997	17:17:59
VA01 TR	K_REKO	ACTVT	10		SAP	01/28/1997	09:26:06
VA01 TR	K_REKO	BUKRS	MBUKRS		SAP	02/06/2003	14:22:18
VA01 TR	K_REKO	KLVAR			SAP	01/27/1997	11:33:29
VA01 TR	K_RER_TC	ACTVT			SAP	06/27/1997	10:07:10
VA01 TR	V_VBAK_AAF	ACTVT	01		SAP	11/04/1997	13:33:27
VA01 TR	V_VBAK_AAF	ACTVT	02		SAP	11/04/1997	13:33:27
VA01 TR	V_VBAK_AAF	ACTVT	03		SAP	11/04/1997	13:33:27
VA01 TR	V_VBAK_AAF	ACTVT	05		SAP	11/04/1997	13:33:27
VA01 TR	V_VBAK_AAF	ACTVT	06		SAP	11/04/1997	13:33:27
VA01 TR	V_VBAK_AAF	ACTVT	24		SAP	11/04/1997	13:33:27
VA01 TR	V_VBAK_AAF	ACTVT	25		SAP	11/04/1997	13:33:27
VA01 TR	V_VBAK_AAF	ACTVT	43		SAP	11/04/1997	13:33:27
VA01 TR	V_VBAK_AAF	ACTVT	C1		SAP	11/04/1997	13:33:27

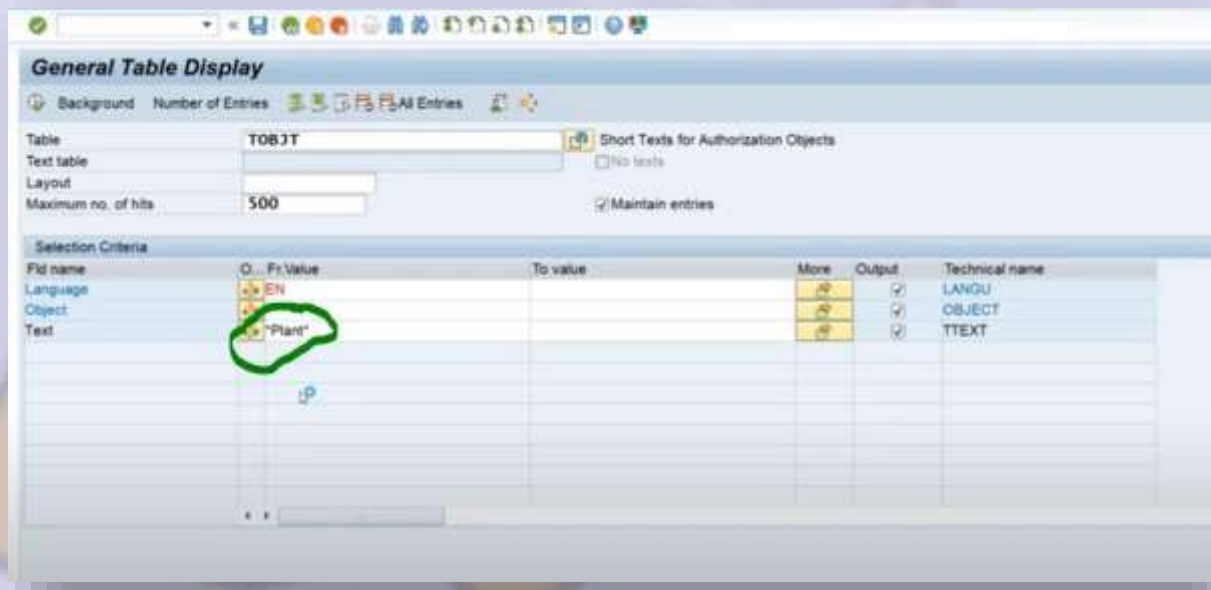
1. How to know Authorization Object of anything by just the Name in SAP? Go to SE16N Transaction Code



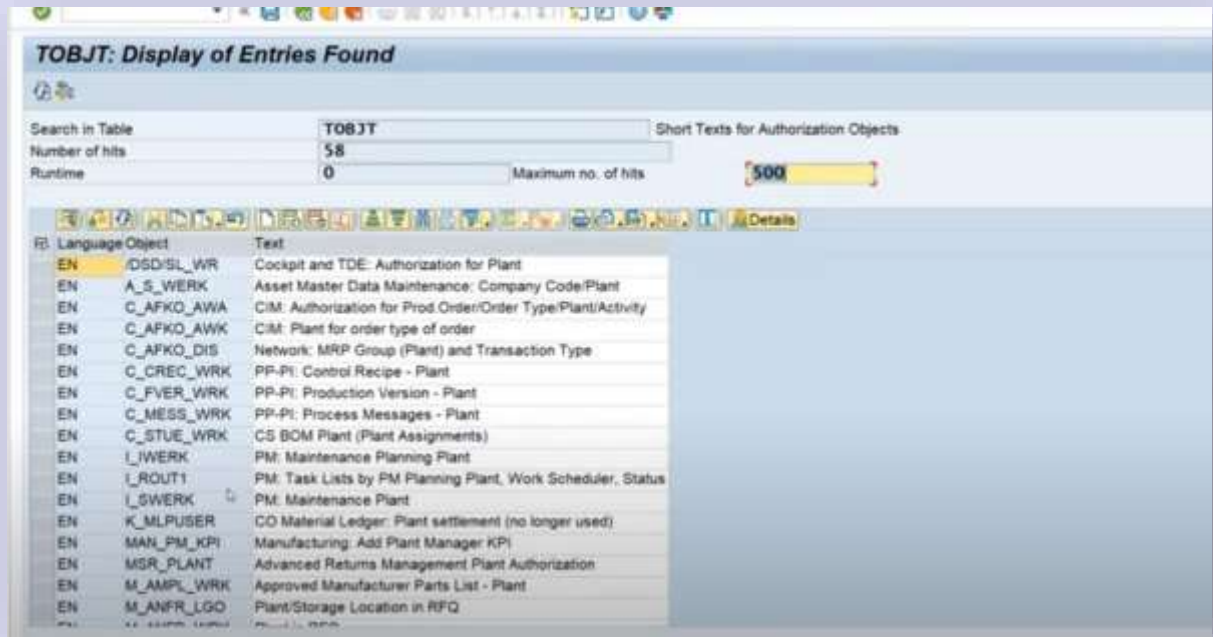
Please Provide table names TOBJT



Search with *Plant* wildcard



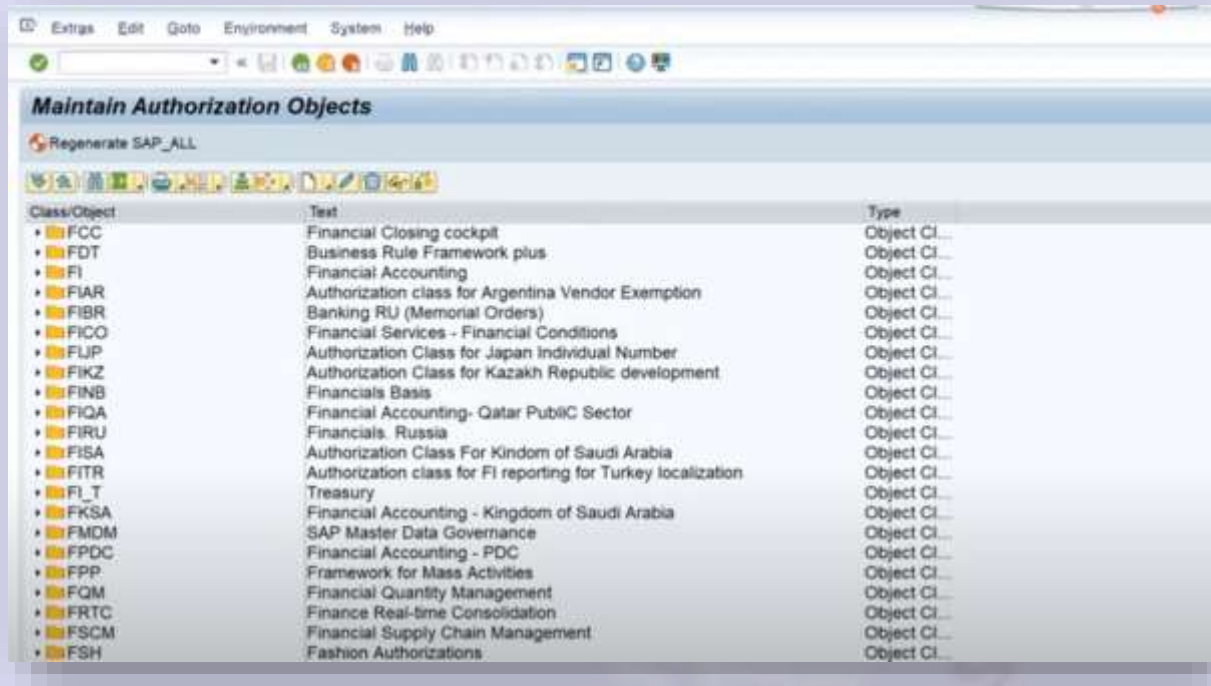
Here are the below Entries



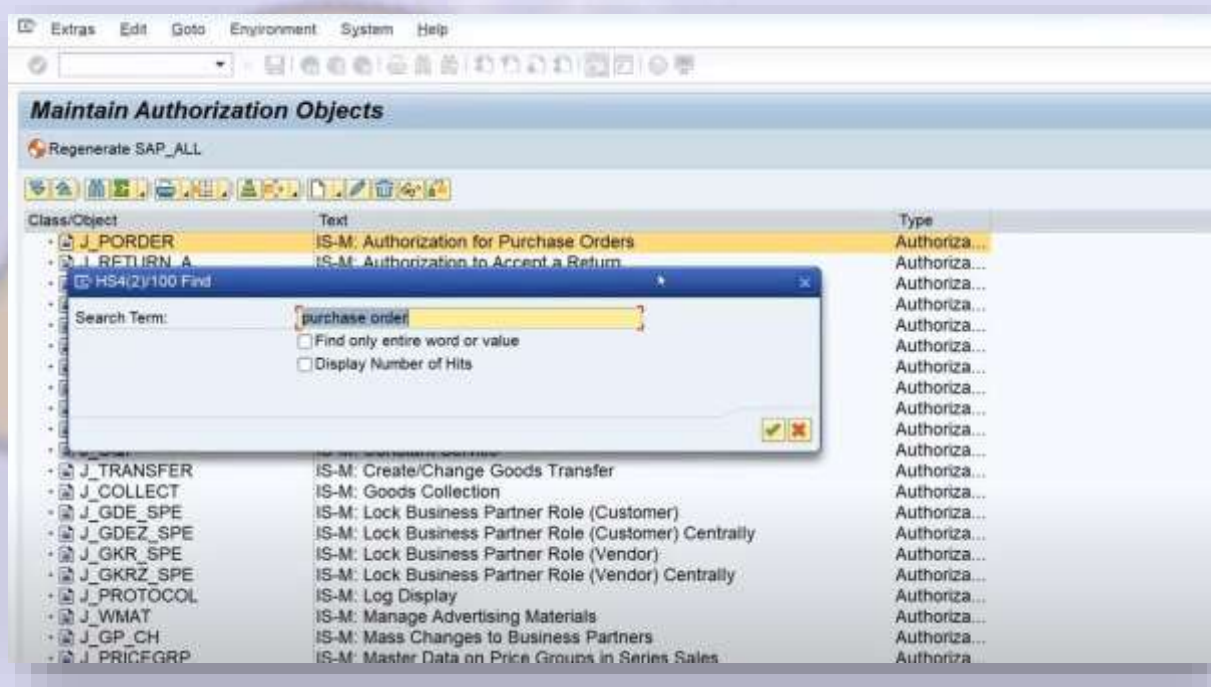
1. How to get Authorization Object by Process Area in SAP?

Go to Transaction Code SU21





Now Search with Purchase Order and here we get the Authorization Object

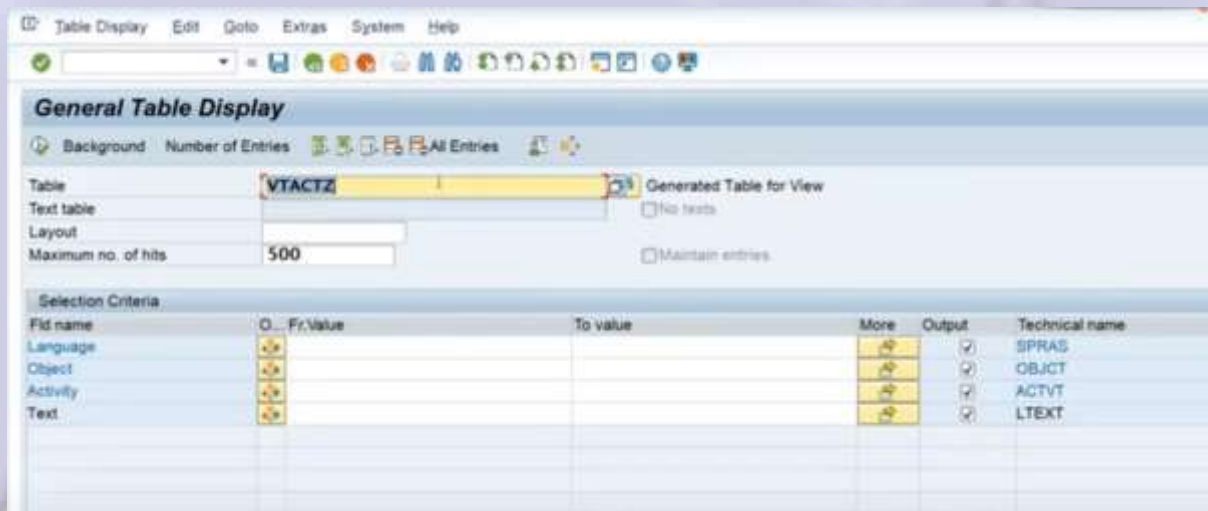


1. How to get all the Activity Authorization Object in SAP can Function?

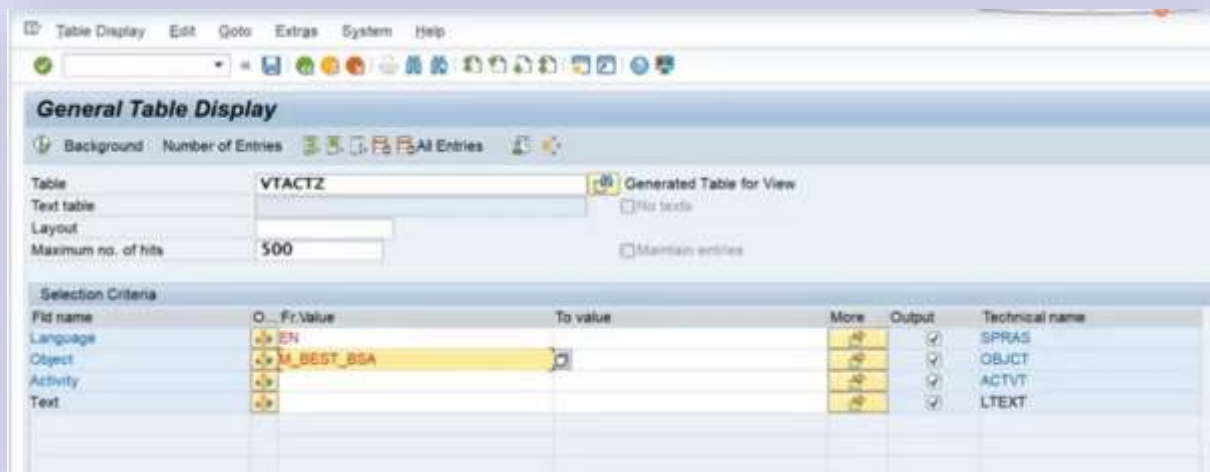
Go to SE16N Transaction Code



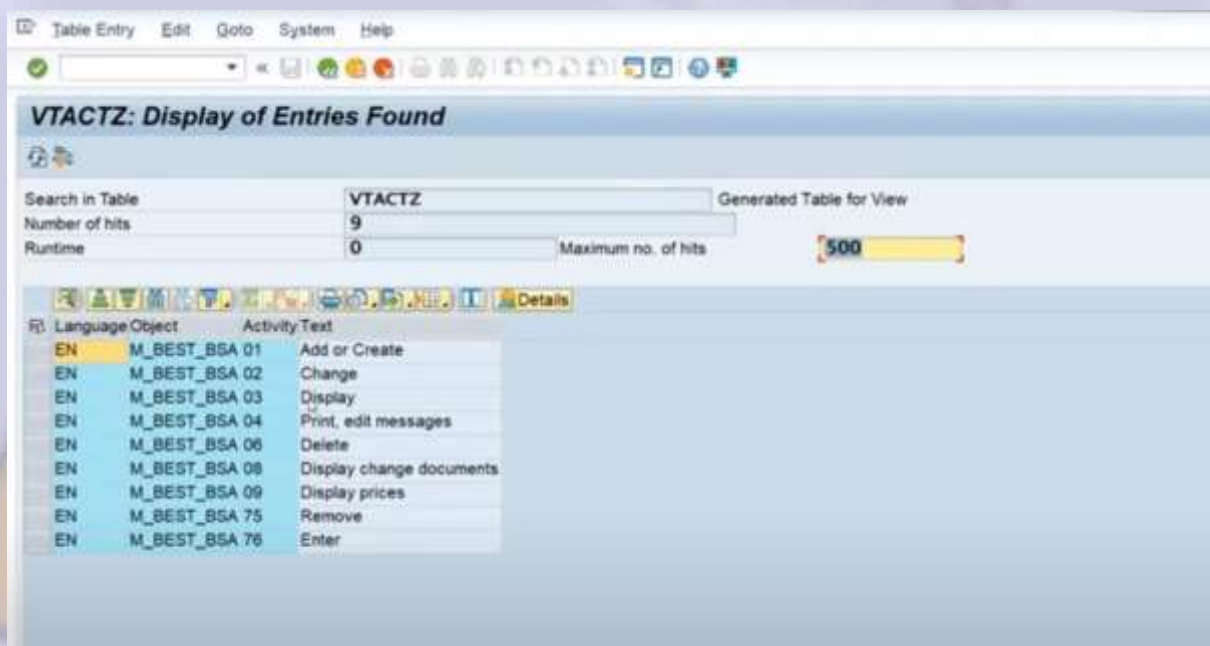
Please provide table name as VTACTZ



Please provide the below entry



Below we get all the Activities that is possible for the Authorization Object.

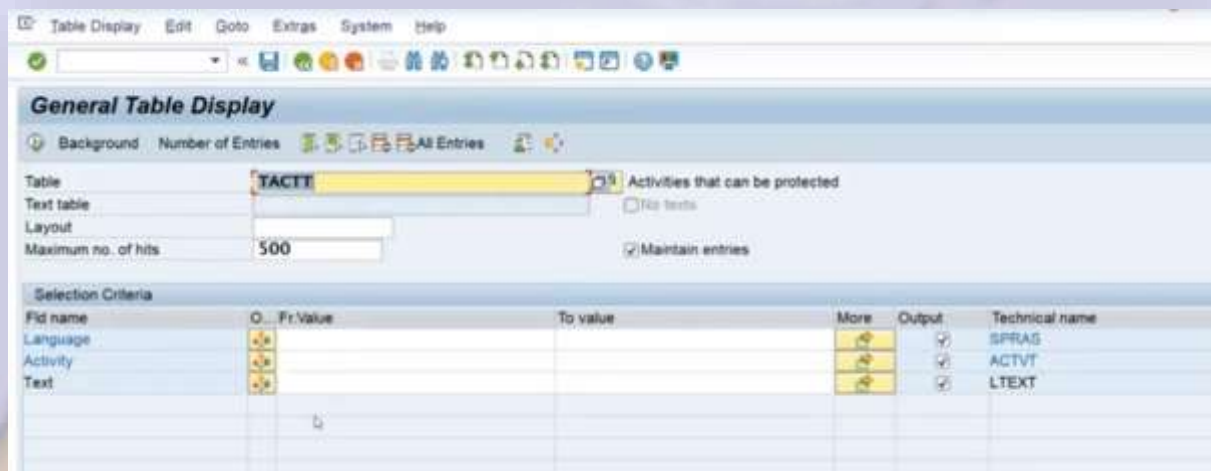


1. How to find the different Activity types for Authorization

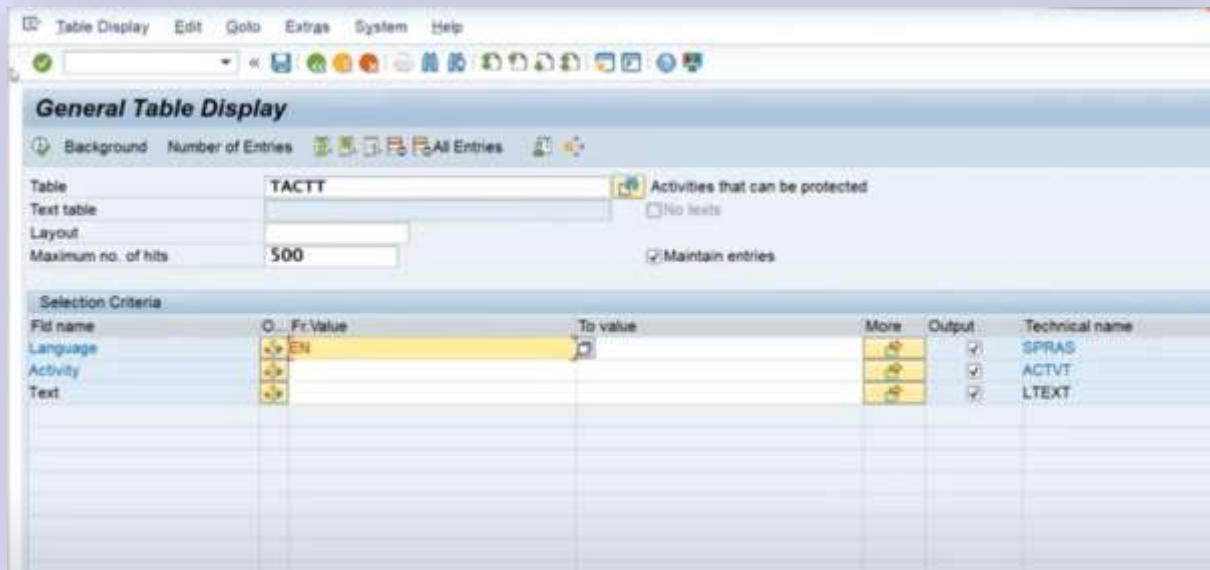
Object? Go to SE16N Transaction Code



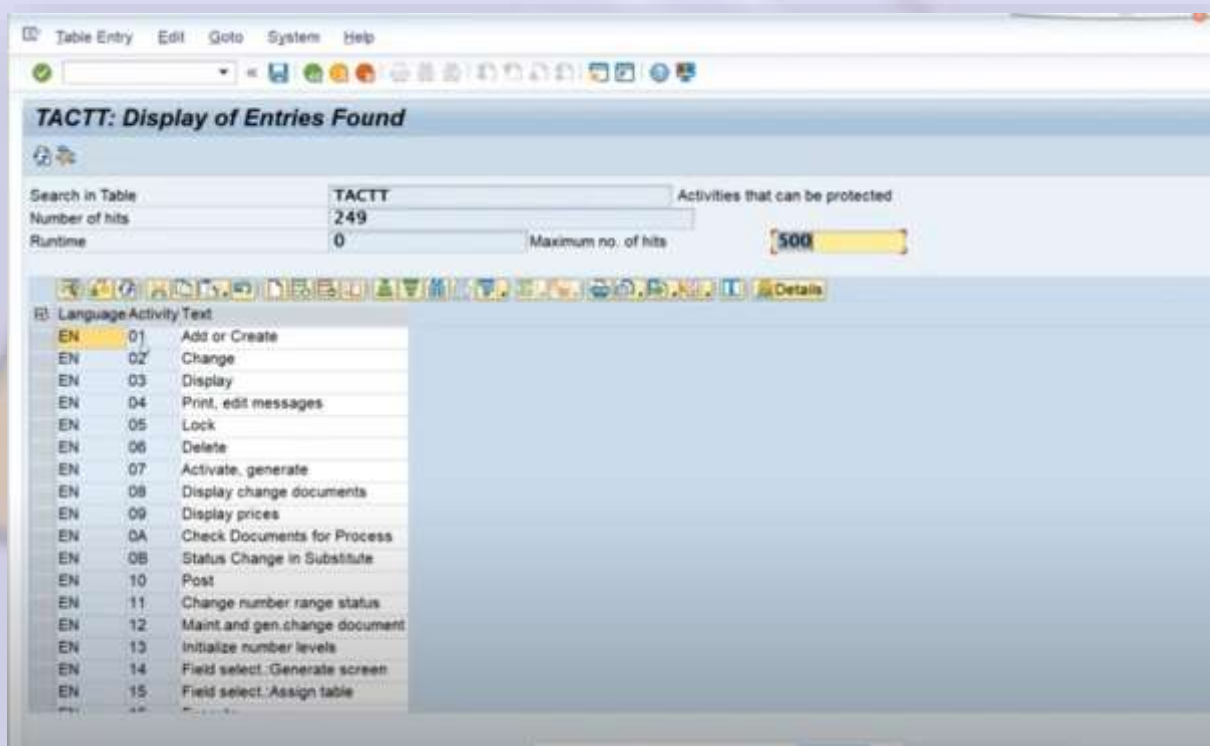
Please provide table as TACTT



Now enter the following entry as we wish to see in English



Here are all the possible Activity Types available



Conclusion

The information presented in this blog is applicable to both SAP ECC and SAP S/4HANA systems.

For a video version of the content, please refer to the following topics:

- How to Identify Authorization Objects Associated with Multiple Transaction Codes in SAP
- Determining Authorization Objects Based on Their Names in SAP
- Retrieving Authorization Objects by Process Area in SAP
- Accessing All Activity Authorization Objects in SAP

4.1 Identifying Different Activity Types for Authorization Objects



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