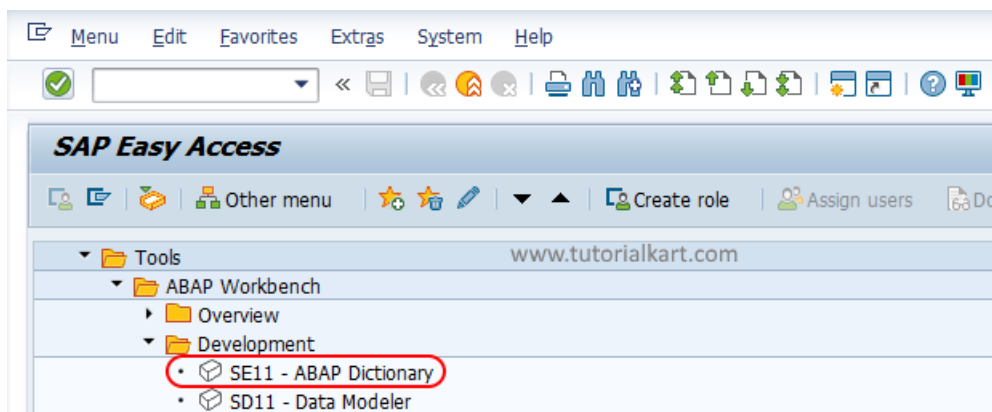


What is SAP ABAP Domain & How to Create Domain in SAP

What is domain in SAP ABAP

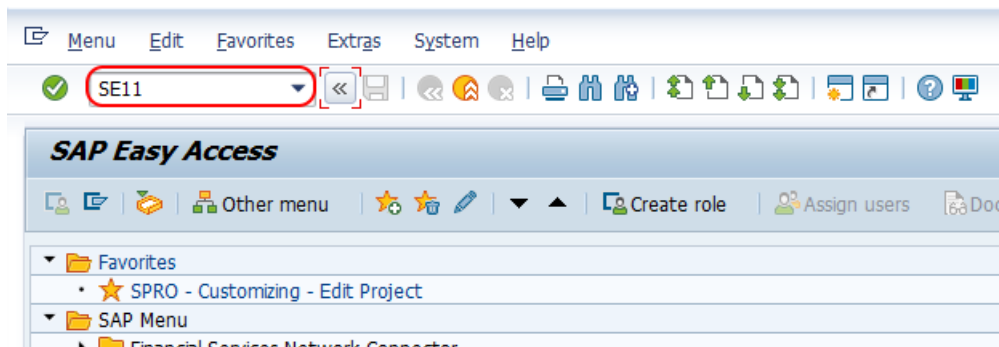
SAP ABAP domain is an object that specifies technical information of [data type](#) and length for a field. Domain determines sign, Lowercase, conversion routine, fixed values and value table. The existing domain can be used by multiple fields as per requirements instead of creating new domains in SAP.

Transaction code	SE11
SAP Menu Path	SAP Menu > Tools > ABAP Workbench > Development > SE11 - ABAP Dictionary



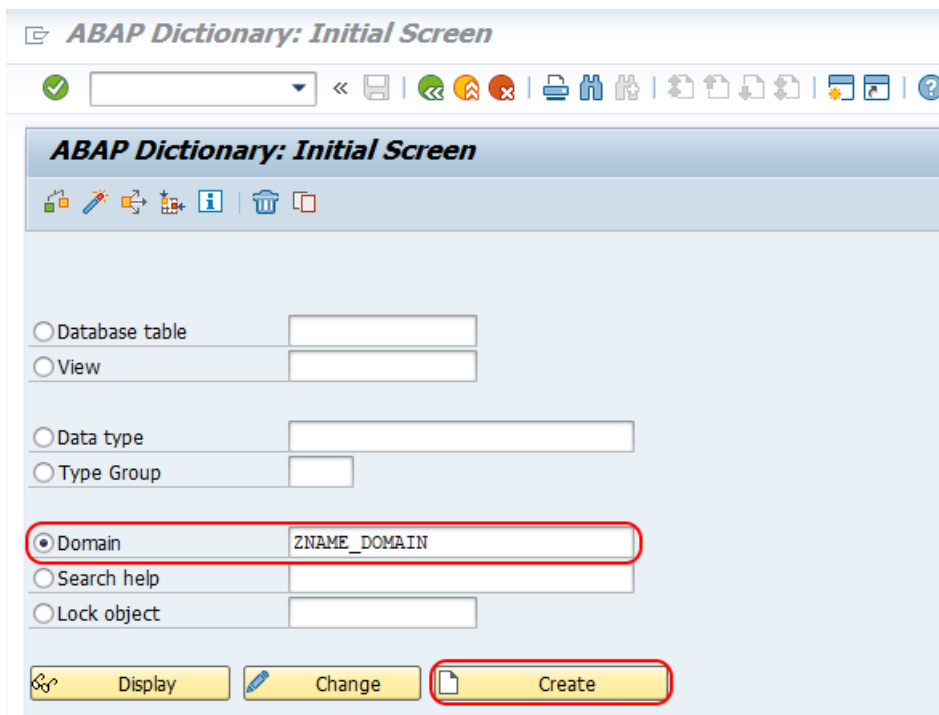
How to create Domain in SAP

Step 1 : – Execute tcode “[SE11](#)” from SAP Command field.



Step 2 : – On ABAP Dictionary: Initial screen, provide the following details.

- Domain : – Enter the name of domain that you want to create. The domain name should start with the letter Z or Y.
- Create : – Click on create icon.



Step 3 : – On Dictionary: change domain screen, provide the following details.

- Short Description : – Provide the short descriptive text of domain.
- Data type : – Point the cursor on data type field and press function key F4, now the possible entries displays on the screen. Choose the data type as CHAR (Character String).
- No. Characters : – Provide the length of domain as 10.

Dictionary: Maintain Domain

The screenshot shows the 'Dictionary: Maintain Domain' screen with the following details:

- Domain: ZNAME_DOMIAN, New(Revised)
- Short Description: Domain Test
- Properties | **Definition** | Value Range
- Format section:
 - Data Type: CHAR
 - No. Characters: 10
 - Decimal Places: 0
- Output Characteristics section:
 - Output Length: 10
 - Convers. Routine: [Empty]
 - Sign
 - Lower Case

After maintaining all the required details for domain, press enter and click on save icon to save the data. Choose the local object from create object directory entry screen.

Create Object Directory Entry

Object: R3TR | DOMA | ZNAME_DOMIAN

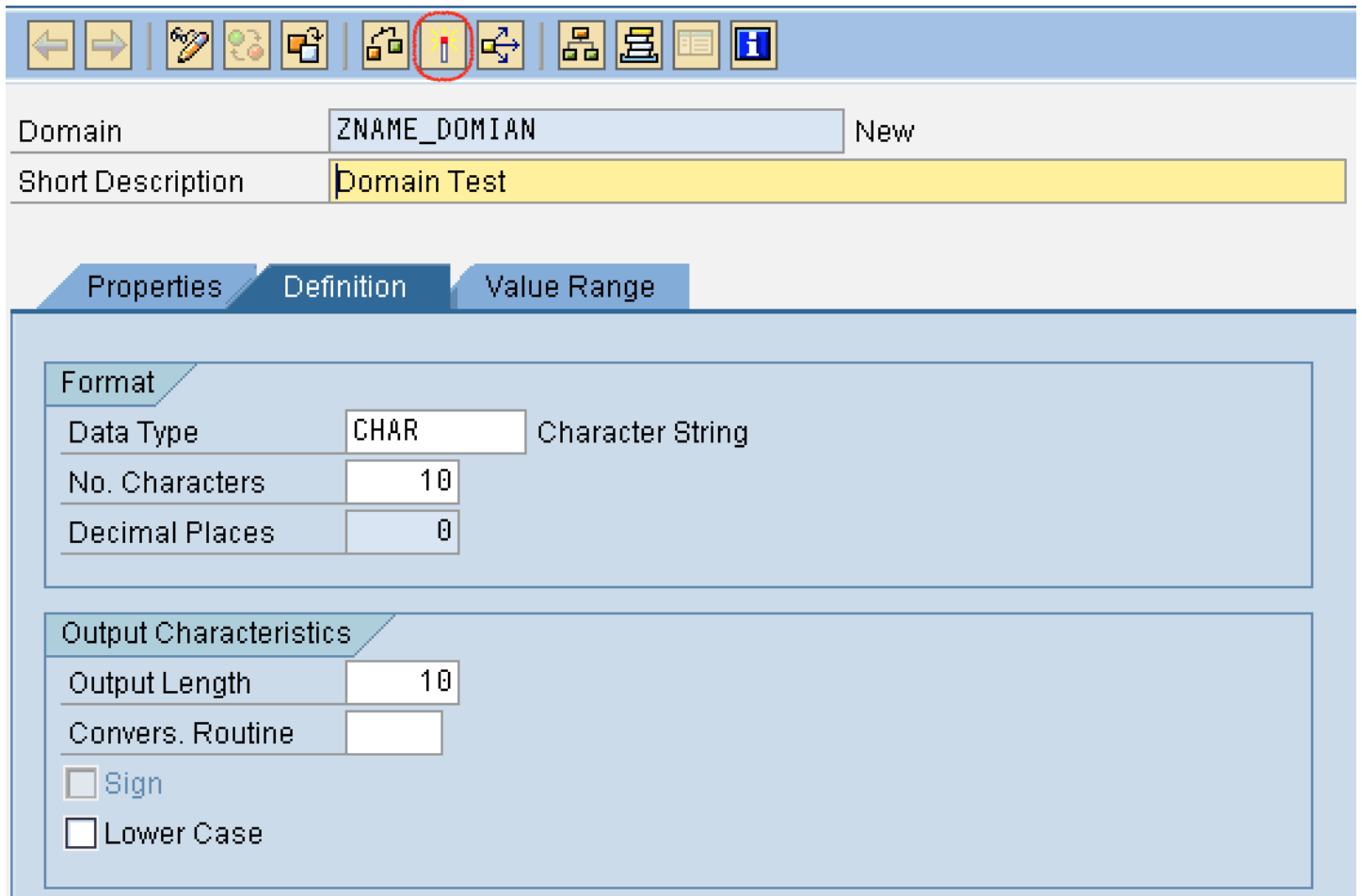
Attributes

Package	
Person Responsible	SAPUSER
Original System	ECC
Original language	EN English

Local Object | Lock Overview | [Close]

Step 4 : – After you create domain in SAP, you need to activate it. Choose activate icon or press (ctrl+F3) from your keyboard.

Dictionary: Maintain Domain



The screenshot shows the SAP Dictionary: Maintain Domain interface. At the top, there is a toolbar with various icons, including a red circle around the 'New' icon (a vertical bar with a horizontal line). Below the toolbar, the 'Domain' field contains 'ZNAME_DOMIAN' and the 'Short Description' field contains 'Domain Test'. The 'Definition' tab is selected, showing the 'Format' section with 'Data Type' set to 'CHAR' (Character String), 'No. Characters' set to '10', and 'Decimal Places' set to '0'. The 'Output Characteristics' section is also visible, with 'Output Length' set to '10', 'Convers. Routine' set to an empty field, and checkboxes for 'Sign' and 'Lower Case'.

Domain	ZNAME_DOMIAN	New
Short Description	Domain Test	

Format

Data Type	CHAR	Character String
No. Characters	10	
Decimal Places	0	

Output Characteristics

Output Length	10
Convers. Routine	
<input type="checkbox"/> Sign	
<input type="checkbox"/> Lower Case	

Successfully we have created domain in [SAP ABAP](#).

SAP ABAP

‡ [SAP ABAP Tutorial](#)

SAP ABAP Basics

‡ [SAP ABAP Overview](#)

‡ [SAP ABAP operators](#)

‡ [SAP ABAP Keywords](#)

‡ [SAP ABAP Program structure](#)

‡ [SAP ABAP Syntax](#)

‡ [SAP ABAP WorkBench](#)

SAP ABAP Dictionary

‡ [SAP ABAP data dictionary overview](#)

‡ [SAP ABAP Views](#)

‡ [SAP ABAP data types](#)

‡ [SAP ABAP database tables](#)

‡ [SAP ABAP create database tables](#)

‡ [SAP ABAP domains](#)

‡ [SAP ABAP data elements](#)

‡ [SAP ABAP Indexes](#)

SAP ABAP Internal Tables

‡ [SAP ABAP - Overview of internal tables](#)

‡ [SAP ABAP Internal Table Operators](#)

‡ [SAP ABAP - Create Internal Table](#)

SAP ABAP Programming

‡ [SAP ABAP - Create an ABAP Program](#)

SAP TCodes

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