S/4 HANA AR & AP Configuration

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Warning and Disclaimer

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INTRODUCTION

The Accounts Receivable (AR) and Accounts Payable (AP) module is a sub ledger to FI- GL for managing the balances of Customers and Vendors. The AR and AP component stores all the information and balance details for customer and vendor. Data is updated from AR and AP in real time to the FI- GL module.

Business partner is now the central point of managing master data for both customer and vendor master. Thus transaction code FD01, FD02 and FD03 (Customer master create, change and display are obsolete) similarly transaction code FK01, FK02 and FK03 (Vendor master create, change and display are obsolete). If user enter the aforesaid transaction code SAP directs to transaction code BP (Business Partner)

In AR the tables such as BSID (Open item table) and BSAD (Cleared item table) are now DDL SQL view tables.

Similarly in AP the tables such as BSIK (Open item table) and BSAK (Cleared item table) are now DDL SQL view tables.

Although information is now captured in table ACDOCA such as the customer, vendor number, clearing document etc., but still majority of the information such as payment terms, payment method, baseline date, payment reference, payee and all other information is still stored in the DDL SQL view tables. Therefore we will have to still refer the DDL SQL view tables such as BSID, BSAD, BSIK and BSAK for creating queries or new reports if required.

1 Customer Accounts

1.1 Master Records

1.1.1 Define Account Groups with Screen Layout (Customers)

SAP Customizing Implementation Guide →Financial Accounting (New) →Accounts Receivable and Accounts Payable →Customer Accounts → Master Data → Preparations for Creating Customer Master Data → Define Account Groups with Screen Layout (Customers)

When creating a customer account, we must specify an account group.
We use the account group to determine:

> ➢ the interval for the account numbers

> ➢ whether the number is assigned internally by the system or externally by the user (type of number assignment)

> ➢ whether it is a one-time account

> ➢ which fields are ready for input or must be filled when creating and changing master records (field status)

Click on New Entries

Update the following: -
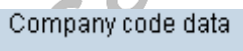
Click on Save

Double Click Company code data

Maintain Field Status Group: Overview

Subgroup list

General Data

Acct group   Y001
Customers External Universal
Company code data

Page   1 / 1

Select Group

Account management
Payment transactions
Correspondence
Insurance
W/holding tax data, w/h tax 2

Double Click Account management

Maintain Field Status Group: Account management

> Field check

General Data			Page 1 / 1

Acct group Y001
Customers External Universal
Company code data

Account management

	Suppress	Req. Entry	Opt. entry	Display
Reconciliation account	○	○	◉	○
Cash management group	○	○	◉	○
Previous account number	○	○	◉	○
Sort key	○	○	◉	○
Head office	○	○	◉	○
Authorization	○	○	◉	○
Preference indicator	○	○	◉	○
Interest calculation	○	○	◉	○
Buying Group	○	○	◉	○
Personnel number	○	○	◉	○
Release Group	○	○	◉	○
Gross income tax	○	○	◉	○
Value adjustment key	○	○	◉	○
CIIU Code	○	○	◉	○

Change Reconciliation account and sort key from Opt entry to Req. entry

Maintain Field Status Group: Account management

Field status   Edit   Goto   Extras   System   Help

📄 Field check

General Data	Page 1 / 1
Acct group Y001	
Customers External Universal	
Company code data	

Account management

	Suppress	Req. Entry	Opt. entry	Display
Reconciliation account	○	◉	○	○
Cash management group	○	○	◉	○
Previous account number	○	○	◉	○
Sort key	○	◉	○	○
Head office	○	○	◉	○
Authorization	○	○	◉	○
Preference indicator	○	○	◉	○
Interest calculation	○	○	◉	○
Buying Group	○	○	◉	○
Personnel number	○	○	◉	○
Release Group	○	○	◉	○
Gross income tax	○	○	◉	○
Value adjustment key	○	○	◉	○
CIIU Code	○	○	◉	○

Click on

Maintain Field Status Group: Payment transactions

🔷 🔷 Field check

General Data

Page 1 / 2

Acct group   Y001

Customers External Universal

Company code data

Payment transactions

	Suppress	Req. Entry	Opt. entry	Display
Terms of payment	○	○	●	○
Bill of exch. charges terms	○	○	●	○
Payment block	○	○	●	○
Payment methods	○	○	●	○
Alternative payer account	○	○	●	○
Clearing with vendor	○	○	●	○
Bill of exchange limit	○	○	●	○
Next payee	○	○	●	○
Indicate payment history	○	○	●	○
Tolerance group	○	○	●	○
House bank	○	○	●	○
Known/negotiated leave	○	○	●	○
Lockbox	○	○	●	○
Payment advice via EDI	○	○	●	○
Payment advice notes	○	○	●	○
Single pmnt, grp key, PM supl.	○	○	●	○

Change Terms of payment from Opt. Entry to Req. entry

Click on Save

1.1.2 Define Screen Layout per Company Code (Customers)

SAP Customizing Implementation Guide→Financial Accounting (New) →Accounts Receivable and Accounts Payable →Customer Accounts → Master Data → Preparations for Creating Customer Master Data → Define Screen Layout per Company Code (Customers)

Here in this step we specify, depending on the company code, which company code-dependent master record fields

➢ are ready for input

> ➤ require an entry

> ➤ are hidden.

This specification is linked to the field status of the account group and a specification for the transaction. By means of the link, we can see which status the fields have on the entry screen for master data. In this case, the fields take on the status which has the highest priority. Hiding a field has the highest priority, followed by a display field, a required field and then an optional field:

The entry under the company code * applies to the company codes which are not explicitly entered in the table. We should not delete this entry.

Normally no configuration is required except in exceptional cases. For example, if the company codes are in different countries or some company codes do not use automatic payment processing for customers. If fields are to have an alternative status depending on the company code, specify the company code and determine the status of the fields.

We will not configure anything here since we do not want field status differently based on company codes.

Change View "Field Selection per Co. Code (Custs)": Overview

New entries   Edit field status   Print field status   BC Set: Field Value Origin

Company code	Company Name
*	Default field status
RU01	Country Template RU

Position...   Entry 1 of 2

1.1.3 Define Screen Layout per Activity (Customers)

SAP Customizing Implementation Guide→Financial Accounting (New) →Accounts Receivable and Accounts Payable →Customer Accounts → Master Data → Preparations for Creating Customer Master Data → Define Screen Layout per Activity (Customers)

Here we specify, depending on the transactions (display, create, change) for customer master data, which master record fields

- are ready for input

- require an entry

- are hidden.

This specification is linked with the field status of the account group and the company code-dependent specification. By means of the link, we can see which status the fields have on the entry screen for master data. In this case,

the fields take on the status which has the highest priority. Hiding a field has the highest priority, followed by a display field, a required field and then an optional field:

This, particular configuration is required if the fields are to be filled when creating and are not to be changed via the change transaction. This is required for reconciliation account. The reconciliation account updated during the create mode should not be changed later on in the change mode. This will create a lot of problem. In the change mode the field should not be available for change. It should be only in the display mode.

Let us configure that.

Double click Change Customer (Accounting)

Change View "Customer Activity-Dependent Field Selection": Details

Expand Field Status ◀ ▶ 🖨 BC Set: Field Value Origin

Transaction | Change Customer (Accounting)

Field status
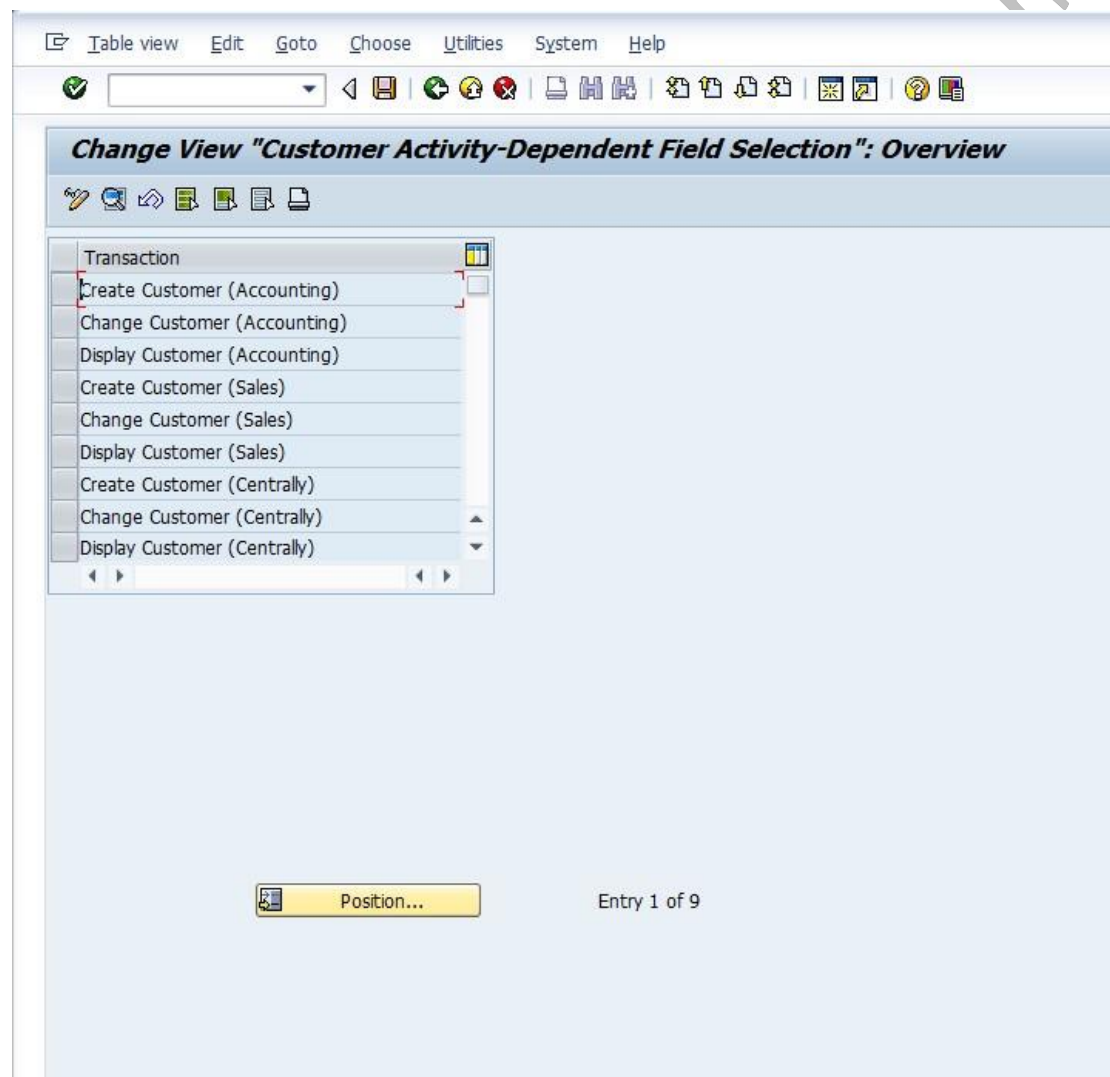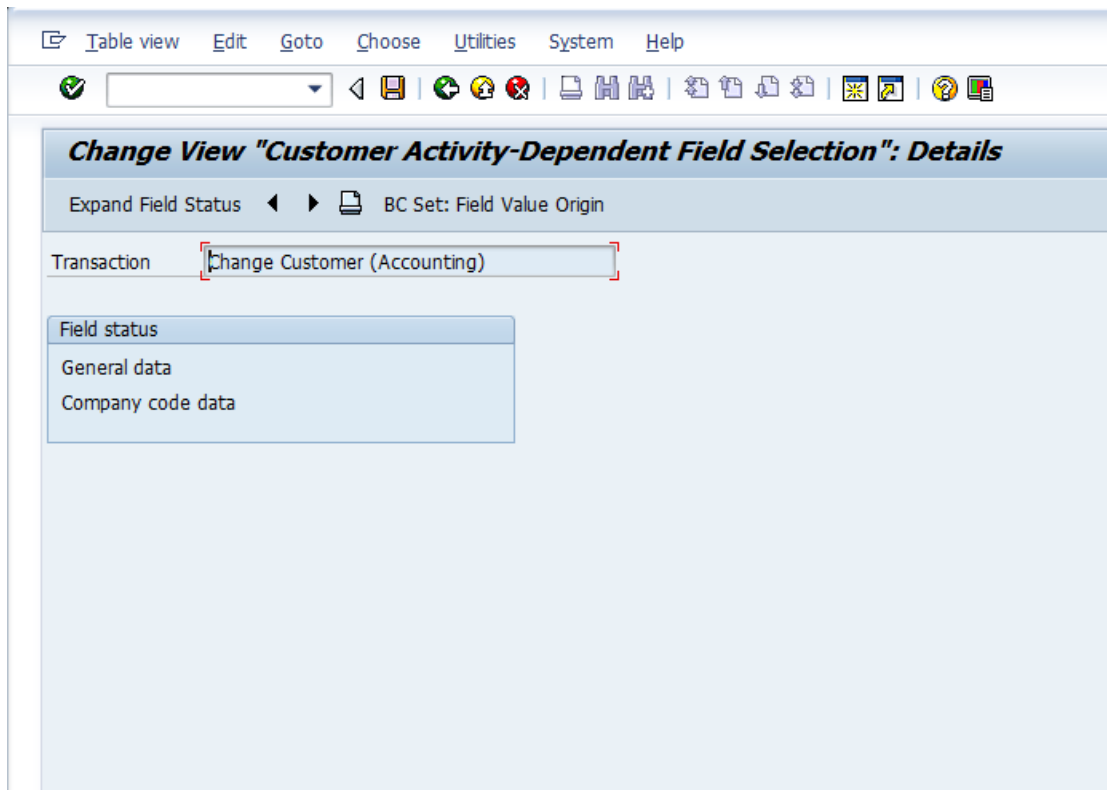
General data
Company code data

Double click **Company code data**

Maintain Field Status Group: Overview

🔍 Subgroup list

General Data

Change Customer (Accounting)
Company code data

Page   1 / 1

Select Group

Account management
Payment transactions
Correspondence
Insurance
W/holding tax data, w/h tax 2

Double click Account management

Note that the reconciliation account is already display

Click [icon]

Double click Change Customer (Centrally)

Double click Company code data

Maintain Field Status Group: Overview

🔲 Subgroup list

General Data

Change Customer (Centrally)

Company code data

Page   1 / 1

Select Group

Account management
Payment transactions
Correspondence
Insurance
W/holding tax data, w/h tax 2

Double click Account management

Maintain Field Status Group: Account management

Field check

General Data	Page 1 / 1
Change Customer (Centrally)
Company code data

Account management

	Suppress	Req. Entry	Opt. entry	Display
Reconciliation account	○	○	●	○
Cash management group	○	○	●	○
Previous account number	○	○	●	○
Sort key	○	○	●	○
Head office	○	○	●	○
Authorization	○	○	●	○
Preference indicator	○	○	●	○
Interest calculation	○	○	●	○
Buying Group	○	○	●	○
Personnel number	○	○	●	○
Release Group	○	○	●	○
Gross income tax	○	○	●	○
Value adjustment key	○	○	●	○
CIIU Code	○	○	●	○

and change reconciliation account from optional entry to display
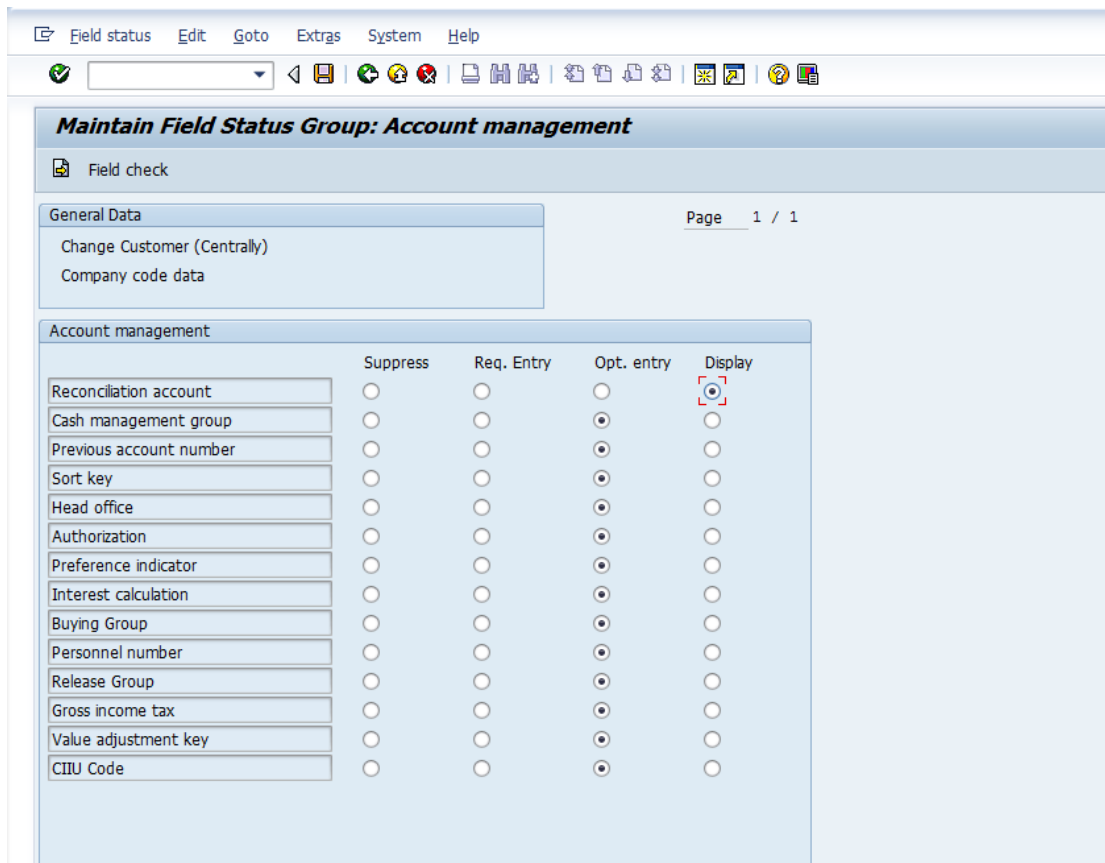
Click on Save

1.1.4 Enter Acct. Clerk Identification Code for Customers (optional)

SAP Customizing Implementation Guide →Financial Accounting (New) →Accounts Receivable and Accounts Payable →Customer Accounts → Master Data → Preparations for Creating Customer Master Data → Enter Accounting Clerk Identification Code for Customers

Here we define the names of the accounting clerks under a name identification code. We enter the identification code in the customer master records which the accounting clerk supervises. We can use this information for evaluations and for correspondence.

Change View "Accounting Clerks": Overview
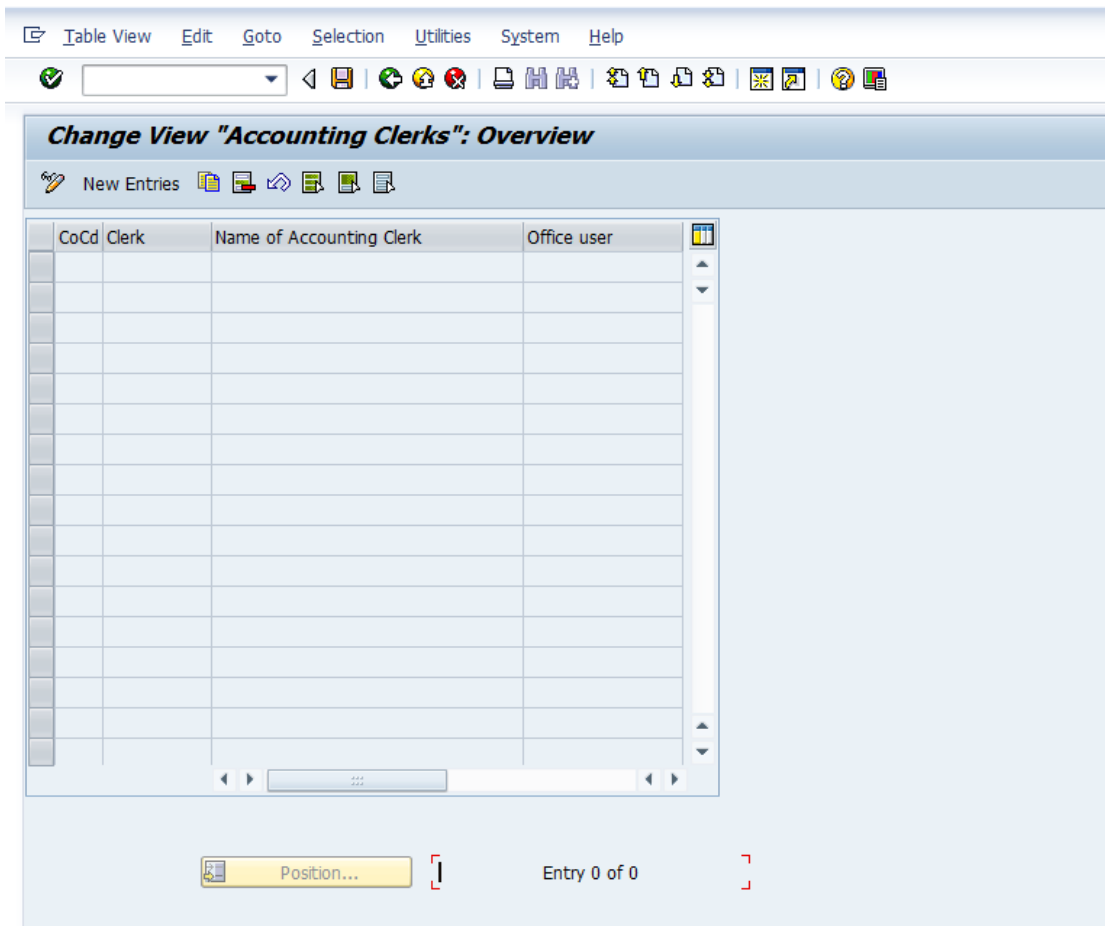
New Entries

CoCd	Clerk	Name of Accounting Clerk	Office user

Position...   Entry 0 of 0

Click on New Entries

Update the following:-

Click on Save

1.1.5 Define Industries (Optional)

SAP Customizing Implementation Guide→Financial Accounting (New) →Accounts Receivable and Accounts Payable →Customer Accounts → Master Data → Preparations for Creating Customer Master Data → Define Industries
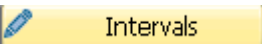
Here we define the industries we require. We can group together our customers by industry. The industry field is located in the general area of the customer's master record. We specify what industry a business partner belongs to by entering an industry key in its master record. We can use this information for evaluations, for example, to create a customer list according to industry.

We will not configure anything here. In case we want to configure click on new entries, enter a 3 digit code and description.

1.1.6 Create Number Ranges for Customer Accounts

SAP Customizing Implementation Guide→Financial Accounting (New) →Accounts Receivable and Accounts Payable →Customer Accounts → Master Data → Preparations for Creating Customer Master Data → Create Number Ranges for Customer Accounts

Here we create the number ranges for the customer accounts. To do this, specify the following under a two-character key:

➢ A number interval from which the account number for the customer accounts is to be selected
➢ The type of number assignment (internal or external number assignment)

In this screen we will notice that there is no company code selection.

The customer number is created at a client level. This means that the same customer number can be extended by more than one company code.

.

Click on Intervals

N..	From No.	To Number	NR Status	Ext
01	0000000001	0000000999	150	☐
02	0000100000	0000199999	0	☐
03	2100000001	2100099999	0	☑
04	0000200000	0000299999	200009	☐
05	0000400000	0000499999	0	☑
06	0000002001	0000003000	0	☐
07	0000003001	0000004000	3005	☐
08	0000004001	0000005000	0	☐
09	0000300000	0000399999	0	☑
10	0000090000	0000099999	0	☐
19	0000001900	0000001999	0	☑
44	4400000000	4400000100	4400000004	☐
55	0010000000	0010000099	0	☐
56	0010000100	0010000199	0	☐
57	0010000200	0010000299	0	☐
58	0010000300	0010000399	0	☐

Already lot of intervals exist to check free intervals

Click on

!:.hange

Display element

C!lange current number

Chec!5.

Eree Intervals

Local Values

t:l_on-Ass1gned Numbers

R organize

ave   Ctrl+S

EKit   Shift+F3

		NR Status	Ext	liD
		150	O	O
	99999	O	O	...J
	99999	O	[tJ	
	99999	200009	n	
u-s-µuuuqooouu	oooo<199999	O	[tJ	
06 0000002001	0000003000	O	O	
07 0000003001	0000004000	3005	O	
08 0000004001	0000005000	O	O	
09 0000300000	0000399999	O	[tJ	
10 0000090000	0000099999	O	n	

Scroll down

Let us select this

Update the following:-
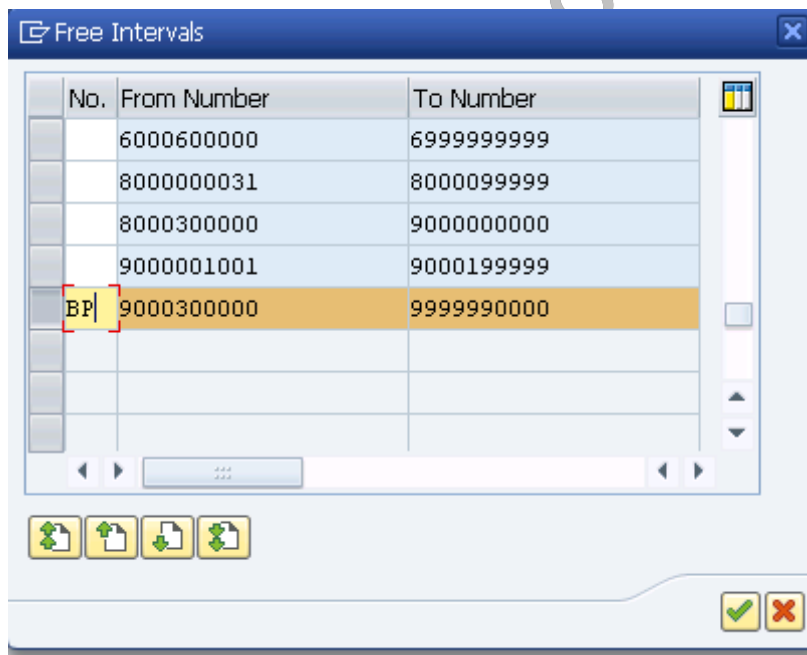
Click ✅

Maintain Intervals: Customer

N..	From No.	To Number	NR Status	Ext
99	9000000001	9000001000	9000000070	☐
9C	0002000000	0002999999	0	☐
A1	6000000000	6000000030	6000000014	☐
A2	8000000000	8000000030	0	☑
AA	0000610401	0000610500	0	☐
AB	0000610301	0000610400	0	☐
AC	0000610201	0000610300	0	☐
BP	9000300000	9999990000	0	☑
G1	0000070551	0000070560	70555	☐
K1	0000007777	0000007799	0	☑
M1	0000013001	0000014000	13020	☐
M2	0000014001	0000015000	0	☐
MM	3100000000	3199999999	3100000004	☐
R2	8000100000	8000199999	0	☑
SC	9000200000	9000299999	9000200009	☐
VD	0000900000	0000999999	0	☐

Switching on external tick is important since th number range for customer
and business partner must be the same.

Click 💾
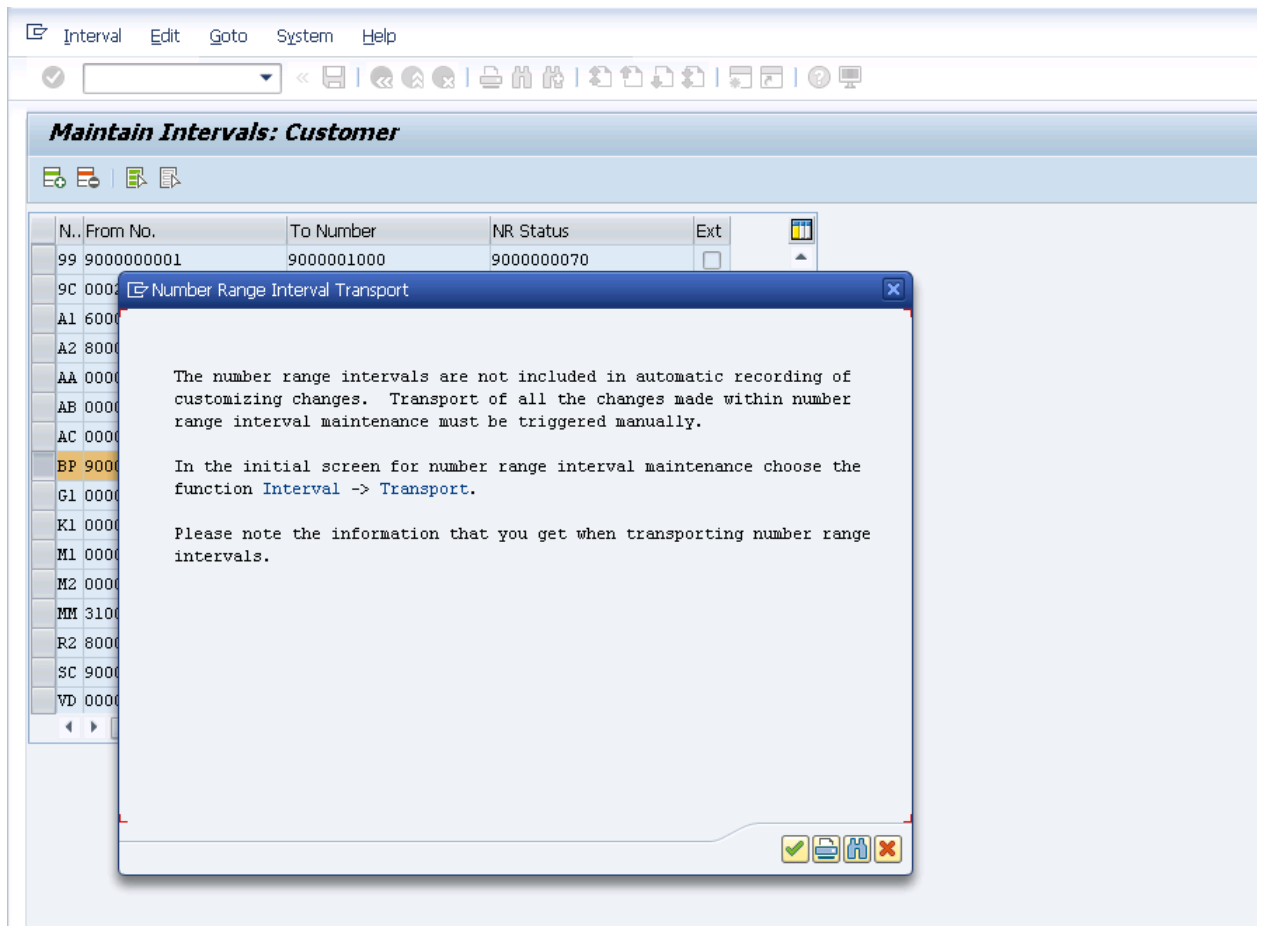
Click ✅

**Number ranges must be manually maintained on the respective system (quality, production).**

1.1.7 Assign Number Ranges to Customer Account Groups

SAP Customizing Implementation Guide→Financial Accounting (New) →Accounts Receivable and Accounts Payable →Customer Accounts → Master Data → Preparations for Creating Customer Master Data → Assign Number Ranges to Customer Account Groups
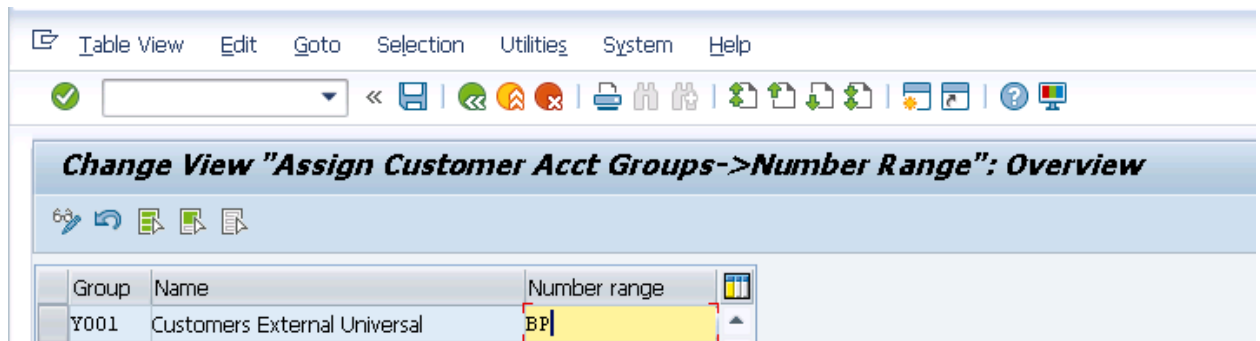
Here we assign the number ranges we created in the preceding step to the account groups for customers. We can use one number range for several account groups.
We will assign number ranges as follows:-

| Account group	Number range
Y001 Customers External Universal	BP
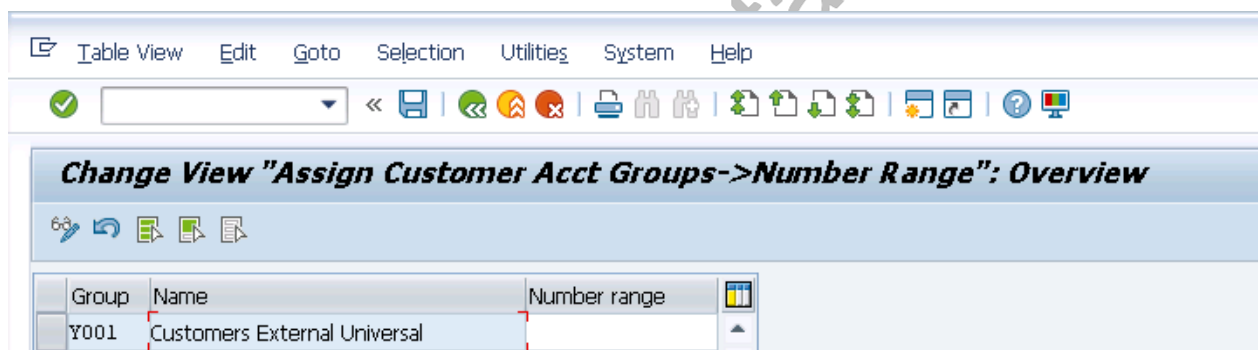
Update the following:-

Click on Save 🖫

1.1.8 Activate PPO Requests for Platform Objects in the Dialog

SAP Customizing Implementation Guide → Cross-Application Components →
Master Data Synchronization → Synchronization Control → Synchronization
Control → Activate PPO Requests for Platform Objects in the Dialog

This is a standard configuration for a post processing request which is to be
written in the event of a synchronization error.

This is done for the business partner object.
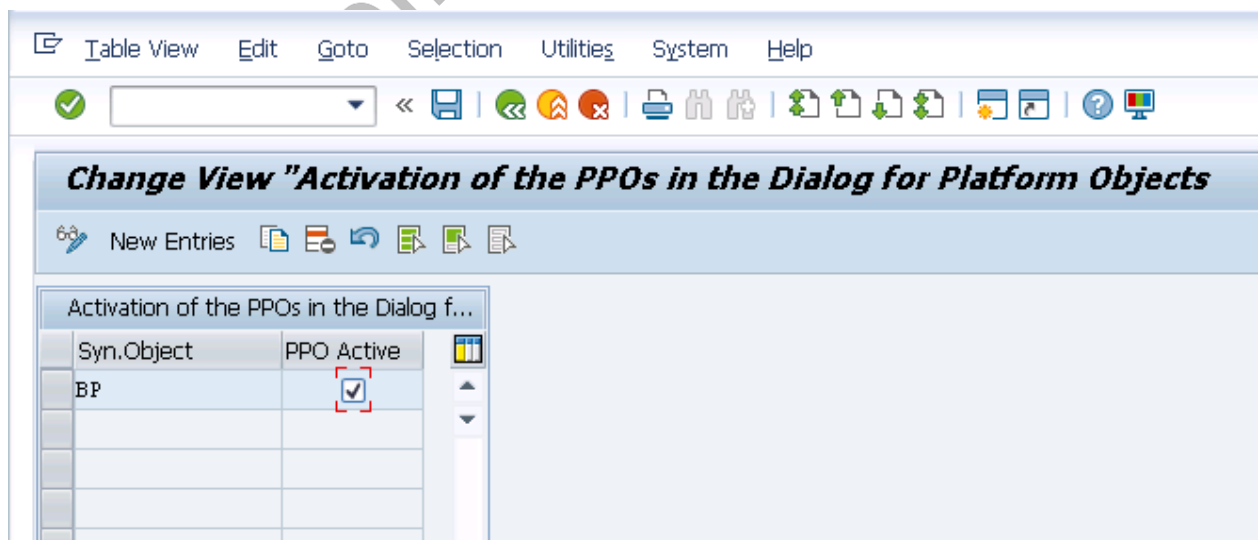
1.1.9 Activate Synchronization Options

SAP Customizing Implementation Guide → Cross-Application Components →
Master Data Synchronization → Synchronization Control → Synchronization
Control → Activate Synchronization Options

Here we configure the object Business partner for Customer and Vendor for
which we want synchronization.
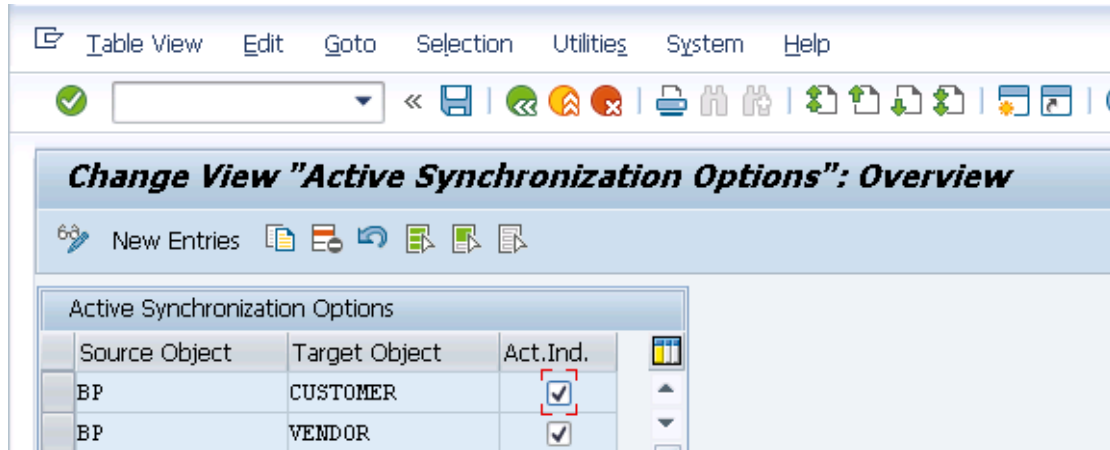
1.1.10 Define BP Roles

SAP Customizing Implementation Guide → Cross-Application Components →
SAP Business Partner → Business Partner → Basic Settings → Business
Partner Roles → Define BP Roles

Here we define the business partner roles and their attributes. We also define
the role categories with the other data.
Do not modify the standard business partner role provided by SAP such as
FLCU00 – Business partner FI Customer
FLVN00 – Business Partner Vendor
Do not modify these settings.
You should not, in particular, modify the role categories delivered by SAP
because SAP programs may access them directly.

Let us copy role category FLCU00 to ZFLCU0

And role category FLVN00 to ZFLVN