

# S/4 HANA

**HANA** ⇒

HANA stands for High Performance Analytic Appliance

→ **HANA** is the "SAP Database"

→ Till Now, **SAP** used "third party data base"

- i.e.
- Oracle
  - SQL
  - SyBase
  - DB2 etc.

# challenges in "traditional database" ⇒

- ① Design to perform with limited RAM capacity
- ② Data stored in HDD's [Hard Disk Drives]
- ③ Row Based Data storage
- ④ Complex Data Model [Unnecessary Tables in Existing data base]
- ⑤ Slower Reporting
- ⑥ Slower Transaction Processing
- ⑦ ~~Real~~ Reactive Data Model. [some Transactions & Reports should be Run in the Background, Reactive means Not Live.]
- ⑧ High Data Foot Print. [The same data is stored in multiple tables]

# Advantages of HANA ⇒

- ① HANA Database will work as In-memory ~~DB~~ processing or/ Inmemory Computing  
→ In HANA Data base, The data will be stored in **RAM** also. So while Retrieving the data, system will Retrieve from **RAM** itself.  
→ The Result is extraction of Data is very fast.

→ Based on HDD's Capacity, We can purchase RAM capacity same as or Equal to HDD's Capacity.

→ when we on the server, Then Replicable Data will again come & seat in RAM

→ suppose, when we shutdown the server, then the data which is stored in RAM will go to back in HDD's (Data base)

② HANA Support Data supports both Row based & Column Based Data storage.

→ while saving the transactions the data will be stored in row Based & in the Backend system will also store the data in column Based in a compressed mode. & column based tables will help to extract the data very faster

Row Based will help to save the transaction data very faster. & column Based will help to extract the data very faster.

③ Simplify Simplified Data Model  
(Unnecessary tables has been eliminated)

④ faster Reporting

⑤ faster Transaction processing

⑥ Less Data Foot Print

⑦ Pro-active Data model

HANA supports OLAP online Analytical Processing (Reports)  
& OLTP Online Transactional processing

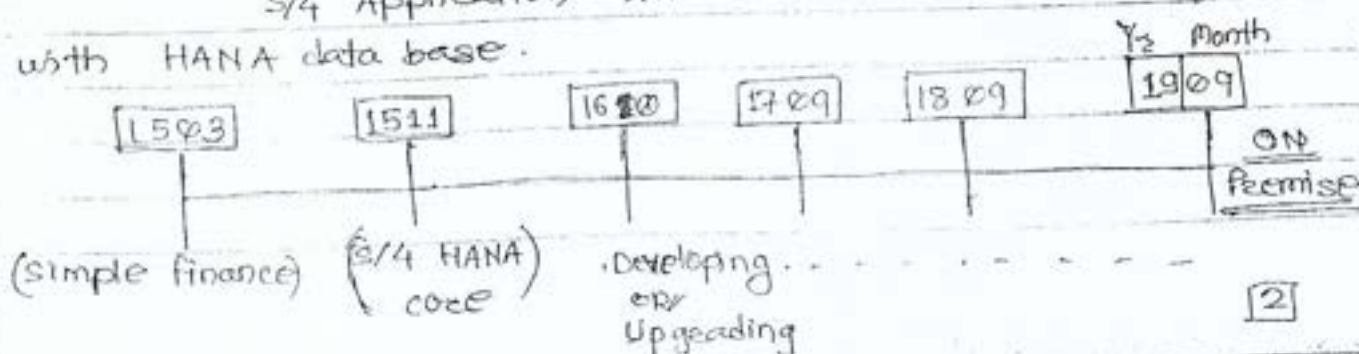
# Versions in S/4 HANA →

5 stands for "Simple" or "Suite"

& 4 stands for "4th generation"

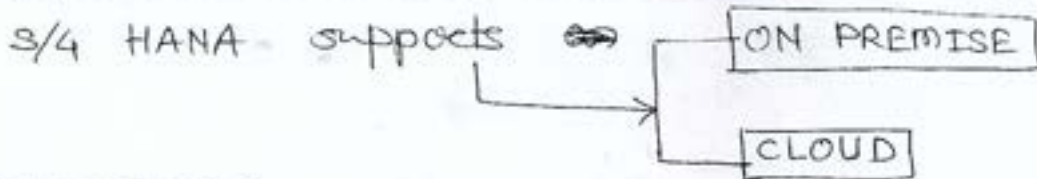
S/4 Application will suite or work only

with HANA data base.



(By client)

→ certifications only once → It will valid.



→ **ON PREMISE** means servers will be maintained by clients.

→ **CLOUD** means servers will be maintained by third party vendors [eg. **AWS**, SAP CLOUD]  
↓  
"Amazon Web Service"

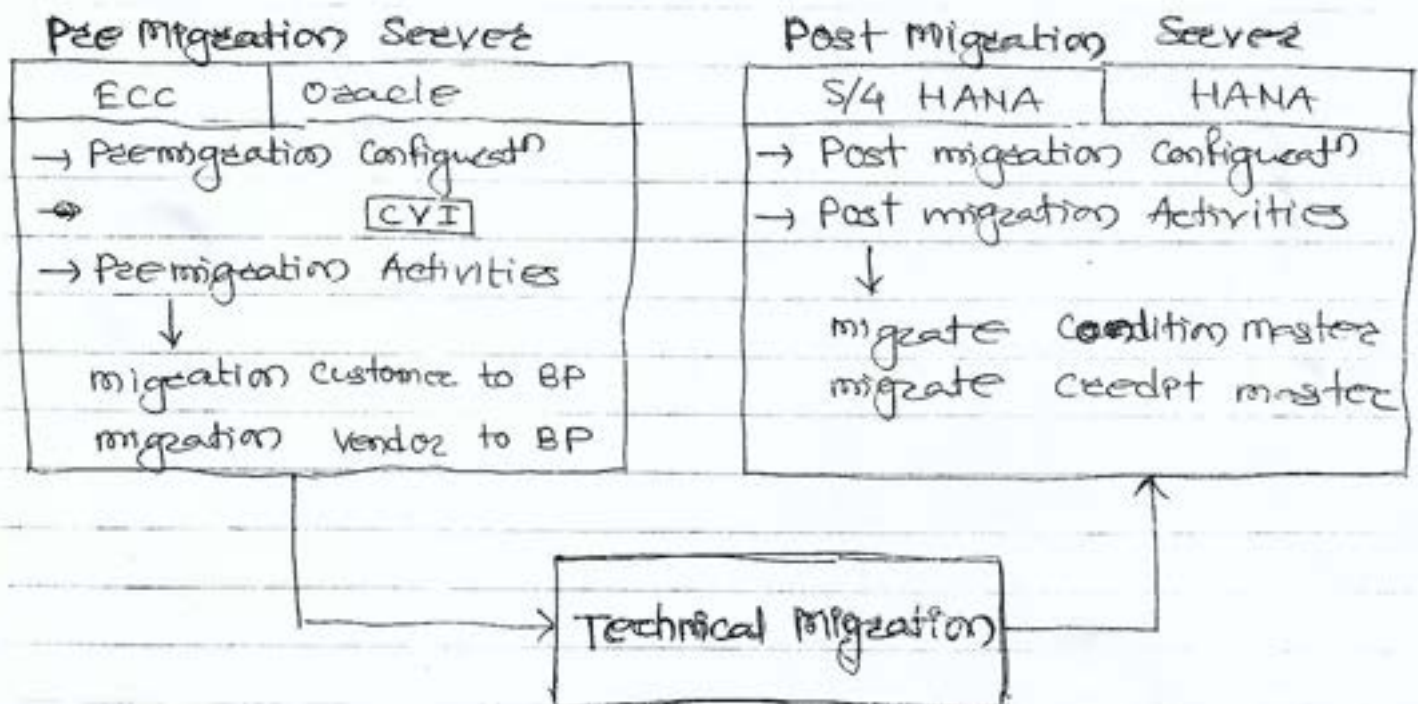
### # Types of Projects In S/4 HANA ⇒

① Migration ⇒

MIGRATION means converting **ECC** to **S/4 HANA**

② Green field Implementation ⇒

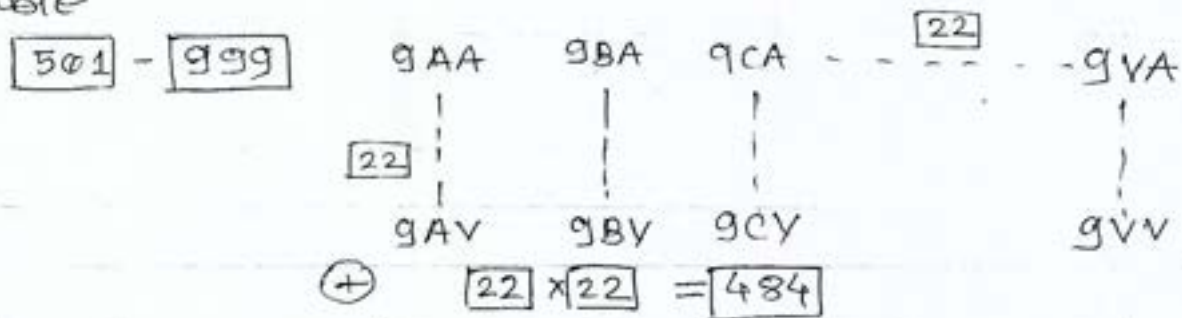
Green field Implementation means New Implementation in S/4 HANA.



All Transactional Data converts. to S/4 HANA  
& All master data also

## # SD Delta changes in S/4 HANA ⇒

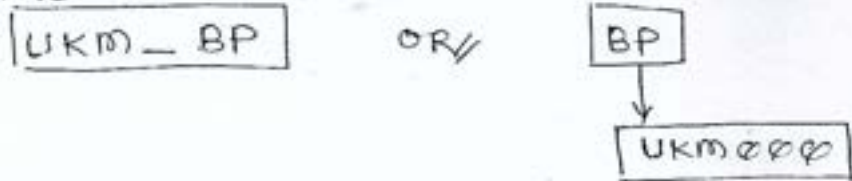
- ① Customer master, Vendor master, Contact person, credit master, has been converted to BP [Business Partner].  
→ The BP role will differentiate whether it is customer master, vendor master, credit master etc.
- ② status ~~of~~ tables has been eliminated (VBUK) & (VBUP)
- ③ Pricing Table eliminated KONV Replaced with PRCD\_ELEMENTS
- ④ User Define condition Tables Numbers almost double



- ⑤ The Access Number in Access Sequence, has been increased
- ⑥ Document pricing procedure & Customer - pricing procedure Length has been increased from 1 to 2
- ⑦ Pricing Requirements & Pricing formulas ~~has been~~ (Pricing Routines) Length has been increased from 3 to 7
- ⑧ Group Cond<sup>n</sup> Routine Length has been increased from 2 to 7 [In Condition Type Controls]

- ⑨ cond<sup>n</sup> counter length has been increased from 2 to 3
- ⑩ Document Category length has been increased 1 to 4.
- ⑪ The length material number has been increased 18 to 40
- ⑫ Credit management concept has been moved to FSCM (finance supply chain management)
- ⑬ The traditional foreign Trade from SD & MM has been moved to GTS global Trade services. (In Path Billing concepts)
- ⑭ Rebate process has been converted to — — "settlement management".
- ⑮ Billing Output has been moved to BRF <sup>+</sup> ~~place~~.  
BRF means "Business Rule framework"  
 (It is not mandatory) which is optional
- ⑯ Advance ATP Tables has been changed from VBBS TO VBBE →  
 (OMENG / VMENG)
- ⑰ The T-code VKM3 has been eliminated, Now we are using VKM1 & VKM4 T-codes to Release the credit block document.  
 → In future eliminates all &  
UKM\_MY\_DCDS

18) The T-code to maintain credit Limits.

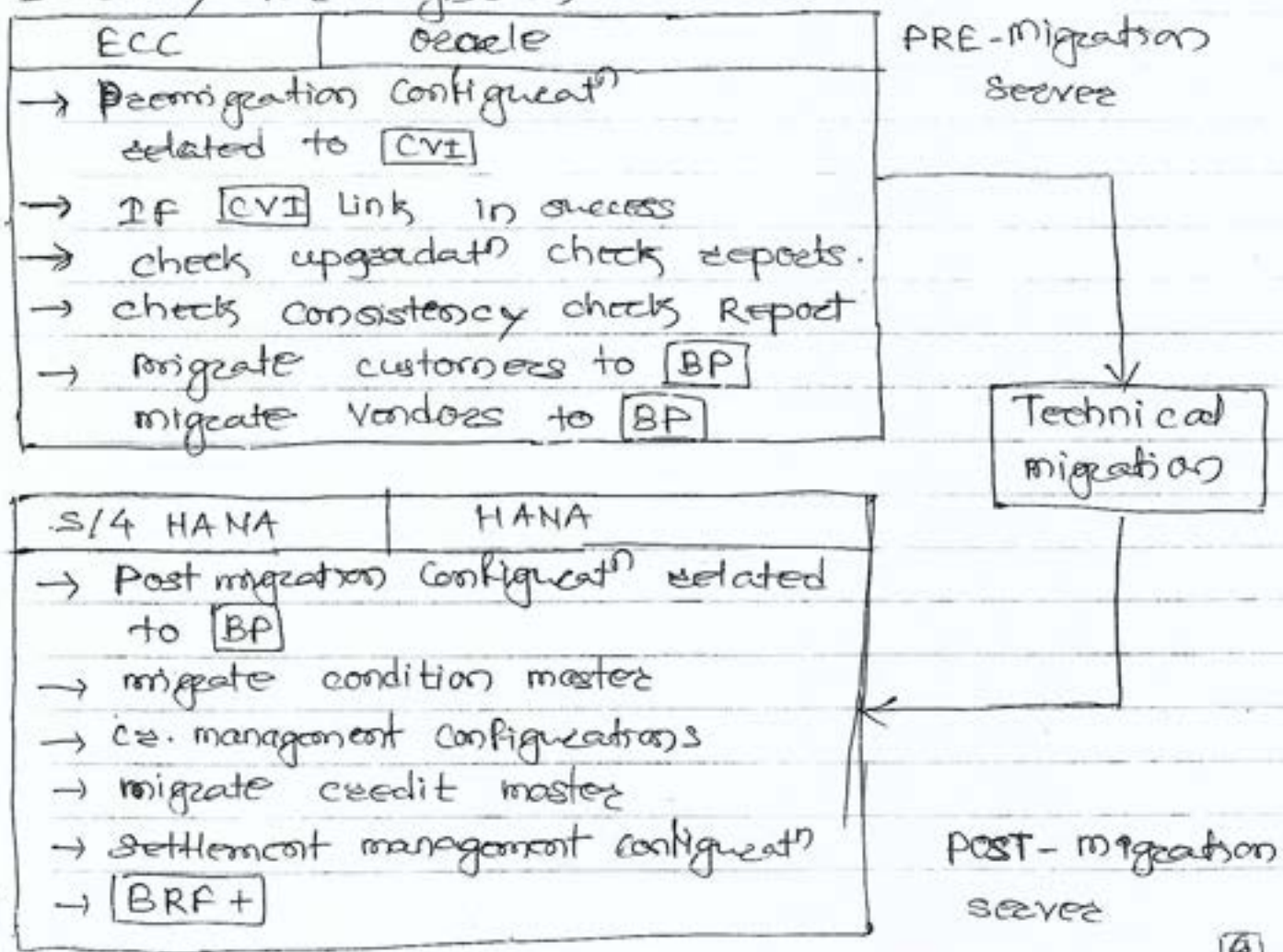


19) The T-code for MRP Live is MD01N

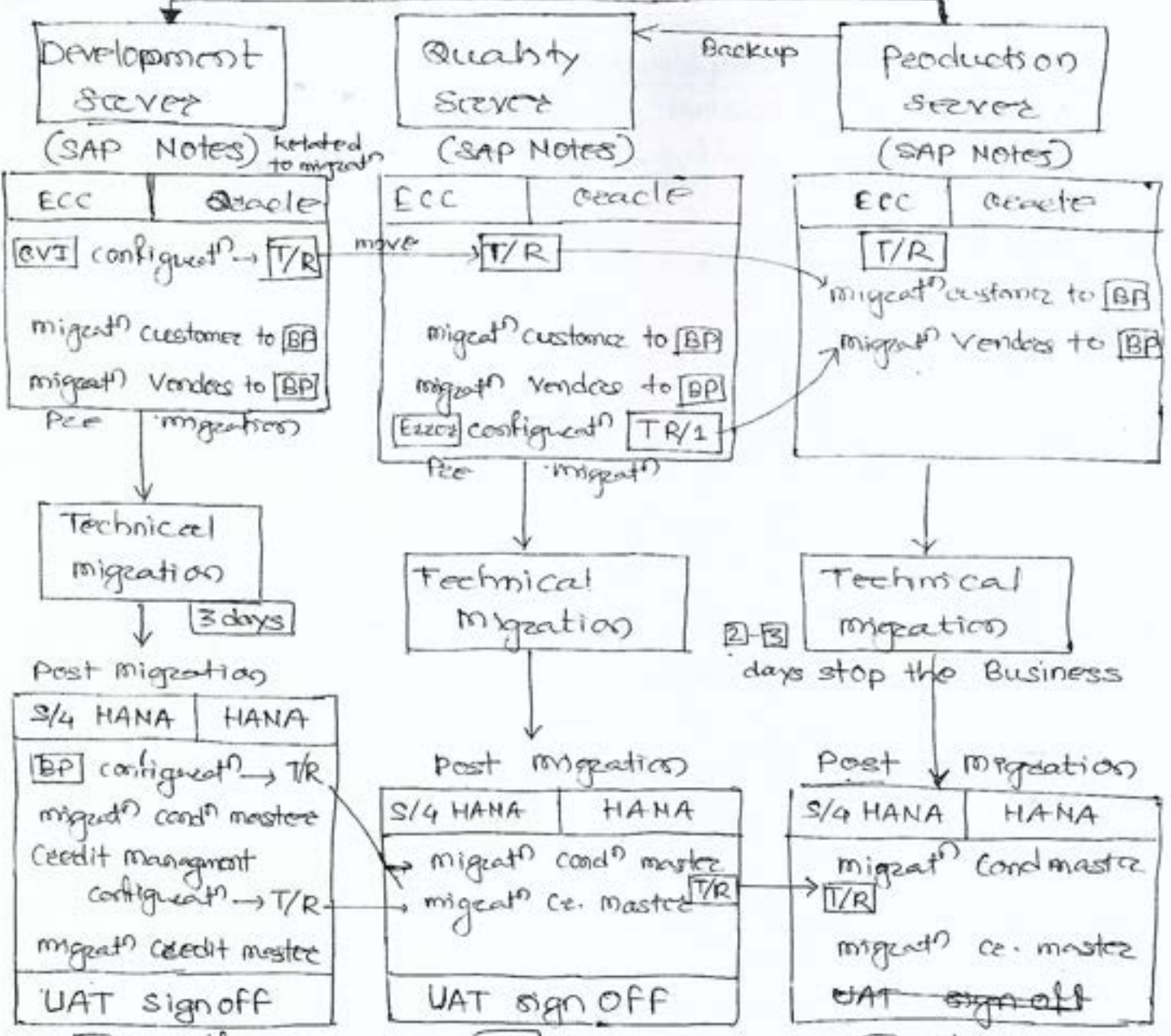
### I Migration Process

1) Basis Consultant will apply "SAP Notes" in ECC system.

After Applying SAP Notes then the system is ready for migration



If Errors < 7 Then we can proceed Technical & Post-migration  
 (Return code) = 7 Then we can proceed only upto Technical migration  
 > 7 Then we can't proceed from here.



> 2 months. [25] days [5] days  
 [Technical migration] done by ABAP & BASIS consultants.  
 → convert All Configuration Data, Transaction Data & master Data & other than condition master & credit master will be migrated into S/4 HANA.

→ The Time Period for total migration Project is 3 to 4 months.

## II Green field Implementation →

other than normal implementation, we will do the below configurations related to S/4 HANA

- 1 BP configurations
- 2 credit management configurations
- 3 settlement management configurations
- 4 BRF + configurations

## III ~~To Migrate~~ Green field Implementation Project,

~~To Migrate~~ ~~to S/4 HANA~~ "Basis Consultant"

→ we follow methodology (first Apply "SAP Notes")

→ "Activate Methodology" will further classified into

- 1 Prepare
- 2 Explore
- 3 Realize
- 4 Deploy
- 5 RUN

### 1 Prepare ⇒

We have to prepare a model company - structure with relevant best practices & with some sample master data & transaction data

Then we give demo to client in Prepare phase.

### 2 Explore ⇒

Here we do "Fit & GAP Analysis"

Business [ which process will fit to present client & which process will need to go for GAP OR/ New configurations ]

### 3 Realize ⇒

In this phase, we map the clients business process into S/4 HANA. [configurations]



→ In Realization will also do Automated Testing with "pre-defined Test scripts"

→ After Testing Prepare "User Manual Documents" & "Configuration Documents".

→ once this is done then goto Deploy

#### ④ Deploy ⇒

In deploy we have some Activities,

① → User ~~Train~~ Training

② → UAT signoff [ User has to test all the scenarios & if everything is fine, then Users will give UAT signoff ]

③ → After UAT signoff, we will move the [T/R] from Quality server to production server.

④ → Cutover Activities, [ Uploading the master data & open Transaction data from legacy to [SAP] ]

⑤ → Go-live

#### ⑤ RUN ⇒

① Post Production support

Business Partner: [IP]

# CRM Customer Relationships Management

## Business Partner BP

### # Advantages of BP

#### ① BP Categories

→ i.e. we can create BP as @ Person Individual

→ ① Organization Customer & Vendor

→ ② Groups Group of Companies eg. Tata group  
Reliance group

#### ② BP is Role Based ⇒

→ we can differentiate customers, vendors based on BP Roles.

③ If customers are same as Vendor, then No need to create customer & vendor separately, we create BP only once & extend the Roles to customers & vendors

④ Time Dependency of Address, Roles, Bank Data Relationship etc.

⑤ Easy to integrate with other systems like CRM, GTS Global Trade Services → It is software that allows companies to support & define Import & Export Trade processes in SAP<sup>EPP</sup>

→ All the T-codes to create customer master & vendor master has been replaced with only one T-code i.e. BP

→

- The Table for BP is ~~BUT000~~ & BUT000
- The Table for customer link is, CVI\_CUST\_LINK
- The Table for Vendor link is CVI\_VEND\_LINK

### # The standard BP Roles

	BP Roles
Customer <b>FI</b>	FLCU00
Customer <b>SD</b>	FLCU01
Vendor <b>FI</b>	FLVN00
Vendor <b>Purchase</b>	FLVN01
Credit master	UKM000

**FI** → means company code data

### # BP Approach ⇒ For Migration Project ⇒

① Customer = BP  
Vendor ≠ BP } (✓)

② Customer ≠ BP  
Vendor = BP

(X) [we can not ~~this~~ do this  
~~with not~~ in migration]

③ Customer ≠ BP (●) Customer = BP  
Vendor ≠ BP Vendor = BP

The **BP** approach <sup>Decision</sup> ~~Design~~ will be taken by client. & most of clients will go for customer = BP & vendor ≠ BP  
So based on this Decision, our configurations will be changed.

## # Scenarios while migrating Customers & vendors to **BP** (we have to check the status)

Tables	BUT000	CVI_CUST_LINK	
①	✓	✓	= OK Ⓜ
②	✓	✗	= OK Ⓜ
③	✗	✓	= Not OK

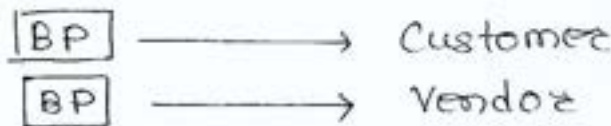
→ In case of (2<sup>nd</sup>) scenario, do the help of **Abaper** & we develop **Z** program & forcibly updates  
 ① PARTNER\_GUID &  
 ② CUSTOMER informations in **CVI\_CUST\_LINK** Table

→ In case of (3<sup>rd</sup>) scenario, we have to **re-RUN** the migration **COCKPIT** & still if the data is not uploaded in **BUT000** Table. Then we have to raise the issue to **SAP**.

# ① Greenfield Implementation Project ⇒

## # BP Configurations in Greenfield Implementation Project ⇒

→ The Master Data Direction for Greenfield project is



→ Before BP configurations, we have to finalise the BP approach with a client.

i.e. ① 

BP = Customer
BP ≠ Vendor.

OR//

② 

BP ≠ Customer
BP = Vendor

OR//

③ 

BP ≠ Customer
BP ≠ Vendor

④ 

BP = Customer
BP = Vendor

→ In S/4 HANA, All T-codes related to BP has ~~be~~ Customer & Vendor has been eliminated

eg. 

XD01, XD02, XD03, XD05, XD06,	} Customer master
<del>X</del> VD01, VD02, VD03, VD05, VD06	
FD01, FD02, FD03, FD05, FD06	
XK01, XK02, XK03,	} Vendor Master
MK01, MK02, MK03	
FK01, FK02, FK03	

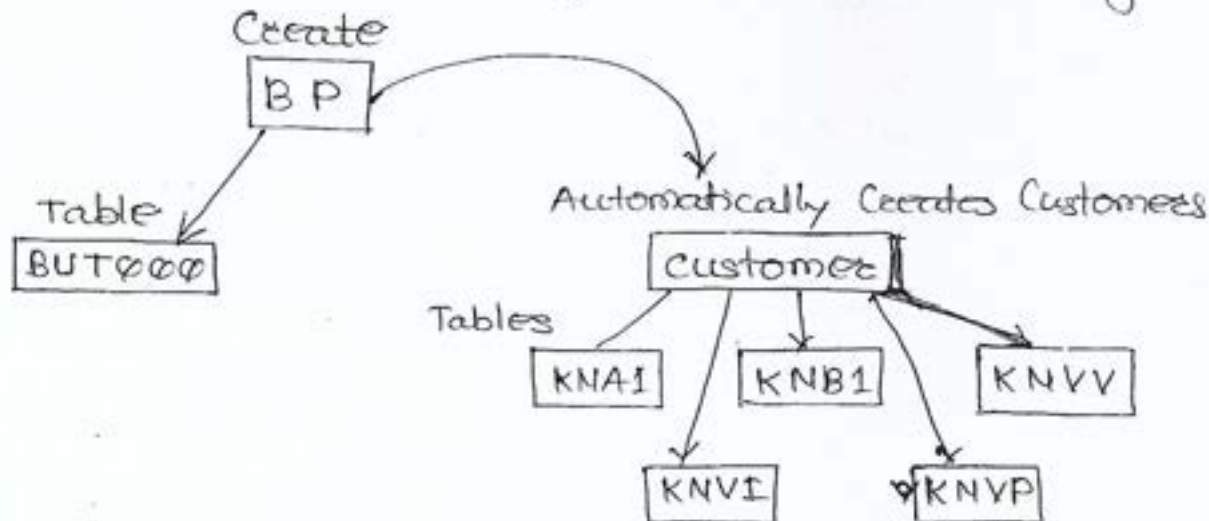
→ There is no change in customer master table & vendor master tables in S/4 HANA

0100 client 100 Post Migration

P100 client 900 Pre Migration

⇒ In S/4 HANA System ⇒

We create only BP & system automatically creates customers & vendors in Background.



& Also Automatically Creates Vendors



⇒ There is no change in the partner Determination configurations.

# BP Configurations in Green Field Implementation

① Project ⇒ [BP = Customer], ~~BP = Vendor~~

② Define Customer Account Groups ⇒ [CVT0]

[Path] SPR0 → Logistics general → Business partner → Customers → control → Define Ac groups & field selections for Customers

→ select the standard Ac group [0001] &

→ click on "copy as"

Ac group 0100

→ click on [COPY] & Save it.

→ which save in New Request No. [S17K900045]

Sheet Descript<sup>n</sup>

ALKEM POST MIGRATION 0100

14

① Customer Related Configurations ⇒

② Define Number Ranges for Customer Masters

T-code  /

same  → goto Define & Assign Customer NO. Ranges  
→ Then Double click on Define NO. Ranges for Customer master.

→ click on "change Interval"

→ goto "Insert Line"

No	FROM NO.	To Number	External
01	60000000	6000199	<input checked="" type="checkbox"/>

& save it

Because Backend creates customer.

Gobrick

→ Assign NO. Ranges to A/c groups.

goto our A/c group

& Assign NO. Ranges  & save it.

③ Create New Configuration for Partner Determination

T-code

→ select customer master & click on "change"

④ goto New Entries (Partner Determination Procedure)

PDP	Description
OAG	Sold to Party

& save it.

⑤ Partner functions in Procedure

→ select this  & click on Partner funct. Proc.

→ goto New entries.

PDP	Partn. funct <sup>n</sup>	Not modifiable	mandatory functions
OAG	SP	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
OAG	SH	<input type="checkbox"/>	<input checked="" type="checkbox"/>
OAG	PY	<input type="checkbox"/>	<input checked="" type="checkbox"/>
OAG	BP	<input type="checkbox"/>	<input checked="" type="checkbox"/>

& save it

⑥ Partner Determination Procedure Assignment ⇒

15

→ goto our A/c group  & Assign our PDP  save it

④ Ac groups - function Assignments ⇒

goto New entries

Partner function	Account Group
SP	0100
SH	0100
PY	0100
BP	0100

save it

⑤ BP Related Configurations ⇒

Padb

SPRO → Cross-Applicat<sup>n</sup> Components → SAP Business Partner → Business Partner → Basic settings → Business Partner Roles

① → Then Go to Define BP Roles

\* → The standard BP Roles for Customer FI → FLCU00  
for customer SD → FLCU01

Vendor FI FLYN00  
Vendor purchase FLYN01  
Credit master UKM000

② Define BP Roles for Customer FI ⇒

→ goto New Entries

BP Roles FLCU00

Title customer FI

Description customer FI

save it.

Interface control

BP View FLCU00 FI & save it.

③ Double click on BP Role Categories ⇒

The standard BP Role categories are same like as BP Role

goto New Entries

BP Role Categ. FLCU00

Title customer FI

Description customer FI

Differentiation Type  General Data

organization

Person

Group

save it.



⇒ The **BP** Role category will help to differentiate whether the **BP** is → organization OR//  
→ person OR//  
→ Group

Then,

③ Go back to **BP** Roles **OLCU00**  
Assign Role categ. **OLCU00** save it.

④ Create New Role for Customer **SD** (Sales) ⇒  
goto New Entries.

BP Role **OLCU01**  
\*Title **customer (Sales)**  
Description **Customer (sales)**  
Interface control, BP VIEW **FLCU01** (sales) auto. save it.

then,

⑤ Double click on **BP Role Categories** ⇒  
goto New entries.

BP Role category **OLCU01**  
Title **customer (Sales)**  
Description **Customer (sales)**

Differentiation Type  General Data

Organisation

Person

Group

save it.

Then

⑥ Double click on **BP Roles** ⇒ **OLCU01**  
Assign w/ BP Role categ. **OLCU01**

save it

Go back.

## ② Number Ranges & Groupings ⇒

Path

SPRO → Cross-Application Components → SAP Business  
 partner → Business partner → Basic Settings  
 → No. Ranges & Groupings.

### ① Define No. Ranges for **BP**

T-code **BUCF**

→ goto "change" intervals.

→ click on "Insert Line"

→ & Define the same numbers Range. to Customer No. Range.

No.	From Number	To Number	External
X1	6000100	6000199	<input type="checkbox"/>

☑ uncheck  
 we already have same No. Ranges  
 so that we take **X1**.

### ② Define Groupings & Assign No. Ranges ⇒

goto New Entries

Grouping	Description	No. Range
<del>P100</del>	<del>Customer</del> Internal No. Assignment = customer <b>BP</b> <b>AIK00</b>	<input checked="" type="radio"/> X1

& save it

"The **BP** Grouping is link to A/c group"

save it.

Go back.

### ③ Goto Field Groupings ⇒

field Groupings will help to control the fields in Groupings, i.e. whether the field is mandatory OR/ Display OR/ Suppressed.

→ Configure field Attributes per BP Role

→ Double click on Configure field Attributes for each Role category

→ Copy **FLC000** standard **BP** Role for **FI**

mention our **BP** Role **OLC000** save it. **18**

[In which, we can controls fields status/Attributes for each **BP** Role]

Per Activity ⇒ to create, change, display & flag for deletion controls  
(03) (07) (03) (04)

goto BP Role Category for (sales)

copy FLCU01 (sales)

mention our BP Role OLCU01 (sales) & save it.

④ Goto Master Data Synchronization

① → Then goto Synchronization Controls → Again

① Synchronization Controls.

② Synchronization Objects ⇒

→ check ① the Object BP, customer

② customer,

③ Vendor

[check means only see]

..... is available or not.

③ Activates PPO Request for platform objects in the Dialog ⇒

Here Activate BP object

New Entries. IF There is ~~Blank~~ Blank, then only create.

Synch. object	PPO Active
BP	<input checked="" type="checkbox"/>

④ Activates ~~sync~~ synchronization Options ⇒

mention Source Object as BP &

Target object as customer &

→  Activate.

		Activate
BP	customer	<input type="checkbox"/>
BP	vendor	<input type="checkbox"/>

save it.

⑤ Customer / Vendor Synchronization Integrations

→ Business Partner setting

→ settings for Customer Integration.

① Set BP Role Categ. for Direction BP to Customer

goto New Entries

→ mention BP Role Categ.   
for

Again → mention BP Role save it.

categ. for ~~the~~   
e.

& cross-check.

save it.

⑥ Field Assignment for Customer Integrations ⇒

→ In this Configuration Step,

we link  groupings to Account Group

Here, we mention, whether  = Customer or Not  
Then,

→ goto Assign Keys ⇒

→ Define No. Ranges for Assignment for Direction  
BP to Customer

goto New Entries

Grouping	Ac group	Same Numb.
<input type="text" value="P100"/>	<input type="text" value="0100"/>	<input type="text" value="X"/>

& save it

# Creating  ⇒  Approach

T-code

→ click on "Organization"

select the  grouping

select the  Role

→ Then click on "create"

→ mention Name  search Term

postal code

city

country

Region

Language

→ while Defining BP Role, we have to maintain  
FLCU00 for FI & FLCU01 for SD in BP view  
field.

Then click on Company Code  
→ mention company code 1111 Enter  
Recon. A/c 140.000

→ save it 6000102 6000102  
Then we can see customer No. & BP No. are same

⇒

⊗ Extending the customer to sales FLCU01

→ goto "change mode"

→ Then change ~~the~~ ~~the~~ ~~the~~ BP Role as FLCU01 (sales)

Then click on "sales & distribution"

mention sales area

sales org	###	0100
dist. chan	#	01
Div	#	01

 Enter

⇒ Mention Orders TAB

sales District 000001

price group 01

customer pricing procedure 01

price list 01

shipping TAB

mention

Delivery Priority 01

Delivering plant ~~1111~~ 0100

shipping condition 01

Then goto ...

## Billing Tab

→ mention , Incoterms **CIF** Incoterms Locat<sup>n</sup> **MUMBAI**  
Payment terms **0001**  
A/c Assig. Group Customer **01**  
Tax class. **1** - Enter & Save it.

## II BP Configurations in Green field Implementation for BP Approach

[ BP ≠ customer  
BP = Vendor ]

① Define New Account Group for Customer master  
→ copy **0001** T-code **OVTO**  
→ mention A/c group **0200** sold to party **0200**  
& save it.

② Define No. Ranges for Customer master ⇒

**XDN1**

→ click on change intervals.

→ "Insert Line"

No.	From. No.	To. No.	External
<b>02</b>	<b>7000000</b>	<b>7000199</b>	<input checked="" type="checkbox"/>

goto **OVTO**

save it

goto A/c group **0200**

→ & Assign No. Range **02** save it.

③ Go to Partner Determination **VOPAN** ⇒

→ select ① customer master

→ click on "change"

→ Then double click "A/c group - function Assignment"

[Do the 4th step only]

→ Before that, goto use Partner Determination Proc. Assignment.

→ then goto use A/c group **0200** & Assign one PDP **OAG** save it.

goto New Entries

Partner Funct.	A/c group
EP	0200
SH	0200
PY	0200
BP	0200

save it.

#### ④ Define BP Groupings →

**Path**

SPRO → Cross-Application Components → SAP Business partner → Business partner → Basic settings → No. Ranges & Groupings

##### Ⓐ Define No. Ranges for **BP** →

T-code **BUCF** [Here No. Range of **BP** is different to Customer No. Range]

→ click on "change Interval"

→ we can use existing **C2** [**3000000** To **3999999**]

→ In BP No. Ranges  uncheck "External."

→ That means BP No. Range should be "Internal"

##### Ⓑ Define Groupings & Assign No. Ranges →

goto New Entries.

Grouping	short name	Description	No. Range
<b>0200</b>	<b>BP</b> Int. No.	Internal No. assignment	C2

# customer

save it.

#### ⑤ Set BP Role category for Direction **BP** to customer →

→ **Path**

SPRO → Cross-Application Components → master data synchronization → Customer/Vender Integration → Business Partner settings → Settings for customer Integration → set **BP** role category for Direction **BP** to customer

→ Here we need to place the **BP** Roles for customer **FI** **OLCU00** & for customer **SD** **OLCU01**

**FLCU00** Customer **FI**

**FLCU01** customer **SD** **23**

⑥ Define Number Assignment for Direction [BP] to Customer ⇒

[Path]

SPRO → Cross-Applicat<sup>n</sup> Components → master data synchronization → Customer/ vendor Integration → Business partner settings → settings for customer Integration → field Assignment for Customer → Assign keys → Define Number Assignment for Direction [BP] to Customer

Goto New Entries.

Grouping	A/c group	Same Number	
P200	0200	<input type="checkbox"/>	uncheck

save it.

Creating [BP]

[BP ≠ customer] Approach

If BP NO. & Customer Number is different Then the No. Range (customer) should be "Internal".  
 External  uncheck ~~External~~. We can give "External" Also  
 \* To Give External No. to Customer  External.

Goto TAB [Customer General Data]

mention  External No.

\* External Customer Number in [BP] Creation will not come in "Live Scenarios".

→ click on "organization"

→ mention grouping [P200] & BP Role [OLCUB]

→ Then click on "create"

mention, Name, [AMIT Dealer] search term [AMIT]

Postal code [100000] city number [BARSHI]

country [IN], Region [3], Language [IN]

→ Then Enter  [if you want to give customer No. Externally]

then goto [Customer general data TAB]

→ mention 'customer # No. [7000100] → Enter



Then goto **Company Code TAB**

mention company code **0100** & Reconciliat<sup>n</sup> A/c **1400000**

→ & Save it. [Then **BP** will be created **3000006** No. &   
 cust customer No. **7000100** will be different

Then we Extend the Customer to Sales **OLCU01**

→ mention BP Role **OLCU01** **SALES** → Enter

→ Then do same & save it.

goto. **Sales & Dist TAB**

### III BP Configuration for Vendor Master

for BP Approach **BP** = Vendor

The standard BP Roles for Vendor is

<b>FLVN00</b>	Vendor <b>FI</b>
<b>FLVN01</b>	Vendor <b>Purchase</b>

### I create New A/c group for Vendor

**Path**

SPRO → Logistics general → Business Partner

→ Suppliers → Control → Define No. Ranges for  
Supplier master Records T-code **OMST**

→ click on "Intervals"

→ Insert Line

No.	From NO.	To Number	External
<b>03</b>	<b>6000300</b>	<b>6000399</b>	<input checked="" type="checkbox"/>

save it.

### 2 Define A/c groups & Field Selection T-code **OMSG**

→ select **0001** A/c group. & copy as

⇒ mention A/c group. **0300** Enter & Save it.  
Vendor

### 3 Goback to Define no. Ranges for supplier master Records → click on "Number Range"

→ goto the A/c group **0300** & Assign No. Range  
**03** & save it. **25**

#### ④ Define BP Roles for Vendor ⇒

Path

sp20 → cross-Application components → SAP  
Business partner → Business partner → Basic Settings  
→ ~~set~~ Business partner Roles

#### ⊗ Define BP Roles

goto New Entries

BP Role  LVN00  
Title Vendor (FI)  
Descript<sup>n</sup> Vendor (FI)

& mention BP view FLVN00 save it

Like ~~we~~ that we create one more BP Role.

goto New Entries

BP Role  LVN01  
Title ⇒ Vendor (Purchase)  
Descript<sup>n</sup> ⇒ Vendor (Purchase)

& BP view FLVN01 & save it.

#### ⊗ Double click on BP Role Categories.

goto New entries

BP Role Categ.  LVN00  
Title ⇒ Vendor FI  
Descript<sup>n</sup> ⇒ Vendor FI

: Differentiation Type  General data

→ check  Organization

Person

Group

& save it.

We create one more BP Role categ.

Go to New entries, [BPI] Role Categ. [OLVN01]

Title ⇒ Vendor [Purchase]

Descript<sup>n</sup> ⇒ Vendor [Purchase]

Differentiation Type [0]

→ check  Organization

Person

Group

↳ save it.

④ Go back to [BP] Roles

BP Role: [OLVN00] & Assign

BP Role categ.: [OLVN00] & save it.

↳ Also Go to

BP Role [OLVN01] & Assign

BP Role categ. [OLVN01]

↳ save it.

⑤ Go to No. Ranges & Groupings ⇒

① Define No. Ranges ⇒

→ click on "change intervals."

→ "Insert Line"

NO.	From No.	To Number	External	
X2	6000300	6000399	<input type="checkbox"/>	unchecked

→ & save it.

② Define Groupings & Assign No. Ranges

goto New Entries

	Grouping	short name	NO. Range
<del>P300</del>	P300	BP Vendor int.No.	X2



\* ~~Generate~~ Reconciliation A/c for Vendor 160,000 standard

~~Def~~ F5000

⑧ Partner Determination for Vendor master ⇒

Path SPRO → Materials Management → Purchasing → Partner Determination → Partner Roles → Define permissible partner Roles per Account Group  
→ Goto New Entries

	Partner function	Account group
Ordering Address →	OA	0300
Supplier →	VN	0300
Invoicing Party →	PI	0300

Enter & save it.

# Creating BP ⇒ BP = Vendor Approach

→ click on "organization", Grouping P300

→ BP Role OLVN00 → click on "create"

Address TAB Name Mahalaxmi Dealer search term MAHA  
postal code 100015 LATUR country IN  
Region 13, language EN

Goto Company Code TAB mention comp code 0100  
Reconciliation A/c 160000 & save it.

→ Extending ~~to~~ BP to Purchase Role

goto change mode ~~(switch)~~ BP = 6000302

change in BP Role OLVN01 Vendor = 6000302

Then click on "purchasing"

Before that

Maintain Purchase Organisation ⇒

Path SPRO → BP → Definit<sup>n</sup> → Materials management

→ maintain Purchase Organisation.

goto New entries

Purch. Org.	Description
0100	Atkara Purch. Org.

save it

Then Goto Assignments

→ Assign Purch. org. 0100 to Comp Code 0100 & save it.

→ & Assign Purch. org. 0100 to plant 0100 & save it.

Then Go back to **BP** → Goto **Purchasing** TAB  
 → mention Purchasing Org. ~~0100~~ **0100**

Purchasing Data

→ Order Currency **INR**

→ & save it.

#### IV **BP ≠ Vendor**

① Define New A/c group for Vendor ⇒ T-code **OMSG**

SPRO → Logistic general → Business partners

→ suppliers → Control → Define A/c groups

→ select **0001** vendor & field selection

→ copy as & mention Name A/c group **0400**

Name **Vendor (0400)**

→ Remove ~~schema~~ Partner schema

→ Enter & save it.

In Real Time, We keep the partner schema as it is, (Here we will get Error)

② Define No. Ranges for Supplier Master Records

→ click on "Intervals."

T-code **OMSJ**

→ click on "Insert line"

No.	From No.	To. Number	Extenal
04 <del>00</del>	6000400	6000499	<input type="checkbox"/> uncheck

save it.

Go back → click on "Number Range"

→ goto our A/c group **0400** &

Assign Number Range ~~00~~ **04**

save it.

③ Define Number Ranges for **BP**

SPRO → Cross-Applicd<sup>n</sup> Comp. → SAP Business Partner

BP → Basic Settings → No. Ranges & grouping.

① → Define Number Ranges ⇒ we take **H3** different No. Ranges

H3	5000000	5000999	<input type="checkbox"/>	uncheck External.
----	---------	---------	--------------------------	-------------------

② Define Groupings & Assign No. Ranges ⇒

goto New entries

Grouping	short Name	Descript <sup>n</sup>	No. Range	Extend
<b>P400</b>	Supplier	suppl. diff. No.	H3	<input type="checkbox"/>
Save it.	<b>BP#Vendor</b>	Int. No. Assignment P400		

④ Goto master Data Synchronization

→ Customer/Vendor integration → Business Partner

→ settings → settings for Vendor integration →

field Assignment for Vendor integration → Assign keys

→ Define No. Assignment Direction for **BP** to Vendor

goto New entries.

Grouping	Ac group.	Same No.	uncheck
<b>P400</b>	<b>0400</b>	<input type="checkbox"/>	

Beoz we want Different No.

# Creating **BP**

**BP ≠ Vendor** Approach

→ click on "Organization"

→ mention grouping **P400**

BP Role **OLVN00**

Address TAB

Name **Raj Laxmi Dertee**

search term **Raj**

Postal Code **400020**

**NAGPUR**

Country **IN**

→ Region [13] , Language [EN]

Then goto [Company Code]

mention comp. code [0100]

Reconciled<sup>n</sup> Ac [160000]

→ save it

[Then we will get BP Number [5000006]

Vendor Number [6000401]

Extending [BP] to Purchase Role

→ goto "change mode"

→ mention BP ROLE [OLVN01]

goto [Purchasing] TAB

mention , Purchasing Org. [0100]

In Purchasing Data

mention, Order Currency [INR]

→ Enter & Save it.

Do Partner Determin<sup>n</sup> for Vendor ⇒

→ Define Permissible Partner Roles per Ac group

goto New entries

Partner function	Ac group.
OA	0400
VN	0400
PI	0400

Solve this →

↳ save it.

[Error]

Partner Role 'BA' not allowed for supplier of Ac group [0400].



Scenarios in Real Time →

BP = Customer		BP ≠ Customer	
customer No. Range	Ext. <input checked="" type="checkbox"/>	customer No. Range	Ext. <input type="checkbox"/>
T-code <input type="text" value="XDN1"/>		T-code <input type="text" value="XDN1"/>	
<input type="text" value="BP"/> No. Range	<input type="checkbox"/>	<input type="text" value="BP"/> No. Range	<input type="checkbox"/>
T-code <input type="text" value="BUCF"/>		T-code <input type="text" value="BUCF"/>	
Number Assignment for Direction	<input checked="" type="checkbox"/> Same No.	Number Assignment for Direction	<input type="checkbox"/> uncheck Same No.
<input type="text" value="BP"/> to <input type="text" value="Customer"/>		<input type="text" value="BP"/> to <input type="text" value="Customer"/>	
BP = Vendor		BP ≠ Vendor	
Vendor No. Range	Ext. <input checked="" type="checkbox"/>	Vendor No. Range	Ext. <input type="checkbox"/>
T-code <input type="text" value="OMSJ"/>		T-code <input type="text" value="OMSJ"/>	
<input type="text" value="BP"/> No. Range	<input type="checkbox"/>	<input type="text" value="BP"/> No. Range	<input type="checkbox"/>
T-code <input type="text" value="BUCF"/>		T-code <input type="text" value="BUCF"/>	
Number Assignment for Direction	<input checked="" type="checkbox"/> Same No.	Number Assignment for the Direction	<input type="checkbox"/> uncheck
<input type="text" value="BP"/> to <input type="text" value="Customer"/> <input type="text" value="Vendor"/>		<input type="text" value="BP"/> to <input type="text" value="Vendor"/>	

Greenfield Implementation Project Org. Structure

[Post Migration] ⇒ client

Company Code

Plant

Sales org.

Storage Locat<sup>n</sup>

Dist. chan.  Dealer

Shipping point

Division  Antibiotic

Purchasing Org.

Insulin

Fee Practice

Cust. Request 517K900045  
Desc. Alkem Post migat<sup>n</sup> 0100

### ④ Define Company Code →

Path SPRO → EP → Defination → Financial Accounting  
→ Edit, copy, Delete, check company code → Then  
→ copy, delete, check comp. code (Fee Practice) → Copy Org. Object  
→ Edit company code Data [In Real Time] From Comp Code 1111  
To comp. code 0100 Alkem Laboratories Ltd

### \* Define plant →

Path SPRO → EP → Defination → Logistics-General → Define  
copy, delete, check plant  
→ Define Plant [In Real Time]  
plant → copy, delete, check plant [Fee Practice]  
From 1111 To plant 0100 Mumbai Manufacturing Plant

### \* Create Material Master ⇒ MM01

Material VAXINE5500 Material for Greenfield Implm. pd  
Industry sector P Pharmaceuticals  
Material Type FERT Finished Product

→ Enter

→ Then select Views 20 Views

→ Then click on "continue"

Mention, plant 0100

storage locat<sup>n</sup> 0100

sales org. 0100

Dist. chan. 01

→ Then click on "continue"

→ Then You will get Error

Error

"ML must be set productive manually for first val.  
valuation Area 0100 in Comp Code 0100."

ML means "Material Ledger".

white creating material master

error

~~ML~~ must be set productive manually for first valuation Area

→ To solve this Error →

① T-code **OMX1** Valuation Area is nothing but **Plant**

goto use valuation Area **0100**

→ & check  **ML** Active

→ Price Determination **2** 'Transaction Based'

→  Price Determination Binding in Val. Area

→ & save it → 'continue'

T-code **OMX2** → No Need to do, in which standard **ML** Type **9000**

② T-code **OMX3**

goto use valuation Area **0100**

→ & check whether the ~~set~~ "status" Active or Not

③ T-code **CKMSTART**

mention use plant ~~0100~~ **0100**

→  uncheck Test Run

→ & Execute.

→  start immediately

→ & click on "confirm" & 'continue'.

→ After this, Goto **MM01**

material **VAXINESS00** → Enter

→ Now It will allow to Views.

Remaining All do same & save it

\* Post stock →

~~mbtc~~ will not work becoz **obsolete**

**MI60** Tcode

Reference

Post dated

**Asst Goods Receipt**

**Rto Other**

Ex: extend the BP to other Sales Area

goto uz sd rete

→ click on sales & distribution.

→ ~~click on~~ switch sales Area

→ enter

→ Enter & maintain

# If BP is not equal Customer

i.e. BP NO. is different &  
Customer NO. is different

Then while doing Transactions in SD, we will enter  
customer NO.

# Stocks Posting ⇒

Here MB1C T-code will not work.

because, Transaction MB1C is obsolete

So we, post the stock through MIGO

T-code MIGO

Mention,

Transaction

Reference Document

A01 Goods Receipt

R10 Other

movement type 501

Then mention

material

VAXINESS00

Qty

10.000

Receipt w/o PO

In where TAB

mention,

storage loc. 0100

plant 0100

Then  Item OK

→ check it & Post it.

Create **BP**

BP = Customer

BP ≠ Vendor

mention, Grouping **P100**

BP Role **OLCU00**

→ click on 'create'

Name **RAM Dealer**

search term **RAM**

Postal code **100050**

**AKOLA**

country **IN**

Region **13**

language **EN** English

goto **Company Code**

comp. code **0100**

Recon A/c **140000**

↳ save it.

we get

BP No. **6000105**

customer NO. **6000105**

Then

Extend **BP** to sales **OLCU01**

→ mention **BP** Role **OLCU01**

→ maintain sales Area, goto **Sales & Distribution**

sales org. **0100**

Dist. chan. **01**

Division **01** Antibiotic → Enter

Mention

sales dist. **000001**

Price group **01**

Cust. Pr. Pco. **01**

Price List. **01**

**shipping** tab

Delivery priority **01**

Del. plant **0100**

shipping cond<sup>n</sup> **01**

**Billing**

Incoterms terms **CIF** **AKOLA**

Payment terms **00001** Ac Assig. group **01**

Tax class. **1**

Enter.

**37**

Then this **BP** also Extend to other sales Area  
goto → click on **Switch Area**

mention, ~~Comp code~~  
Sales org. **0100**  
Dist. chan. **101**  
Division **02** Insulin

Remaining all Do the same,  
& finally save the **BP**

Then

Extend this **BP** to Vendor as **FI**

Before that,  
Do the last step.

Define No. & Assignment Direction for **BP** to **VENDOR**

~~Group~~ goto New entries

Grouping	A/c group	same No.
P100	0400	<input type="checkbox"/>

**BP** A/c group      Vendor A/c group.  
(Different No.)      save it.

Then, Go to 'BP No. **6000105**

→ goto change mode

mention BP Role **OLVN00** **FI**

goto **company codes**

→  check supplier

→ & click on "Adopt"

→ mention Reconciliation A/c **160,000**

→ & save it.

Then

Extend **BP** to Vendor **Purchase**

goto change mode.

mention BP Role **OLVN01** purchase.

goto **purchasing** mention. ~~file~~  
Purchase. Org.

then goto **Purchasing**

mention,

Purchas: org. **0100**

Order currency **INR**

→ & save it.

Then we will get

BP Number **6000105**

customer No. **6000105**

Vendor No. ~~6000105~~, **6000403**

---

To check the status - whether Data ~~is~~ will save or Not

Goto ~~SE16~~ **SE16N**

→ ~~BP~~ **BP** Table **BUT000** → Enter

→ mention Business Partner **6000105** → Enter

→ & Execute.

→ Then you will get BP Details / Data

→ Then you have field Business Partner GUID

→ copy it &

Go back

→ mention Table **CVI-CUST-LINK** → Enter

→ mention BP GUID  ~~paste~~ paste it here

→ & Execute. [You will get Customer Data]

customer No. **6000105**

Go back

→ mention Table **CVI-VEND-LINK** → Enter

→ mention BP GUID  paste it here Also

→ & Execute [You will get Vendor Data]

Vendor No. **6000403**

Then check All Tables Related Customer & Vendor

customer Table **RNAT** → Enter

→ & customer No. **6000105** & Execute.

→ [You will get all Customer Data]

Then

Vendor Table **LFA1** → Enter

→ Vendor No. **6000403** & Execute

→ [You will get all Vendor Data]

Then Create Transactions in this System

create Order

create Delivery

create Invoice,

& Also Create Transactions in

→ Fiori App have also <sup>use</sup> same credentials as our system

→ Here, we have to do only Transactions.

→ In which,

eg. You maintain Order

You maintain

→ Goto Fiori Link,

↳ mention User Name

Passward

→ click on 'continue' check



# # Pre-Migration Activities Related to

customer to **BP** } **CVI**  
 vendor to **BP** }

II

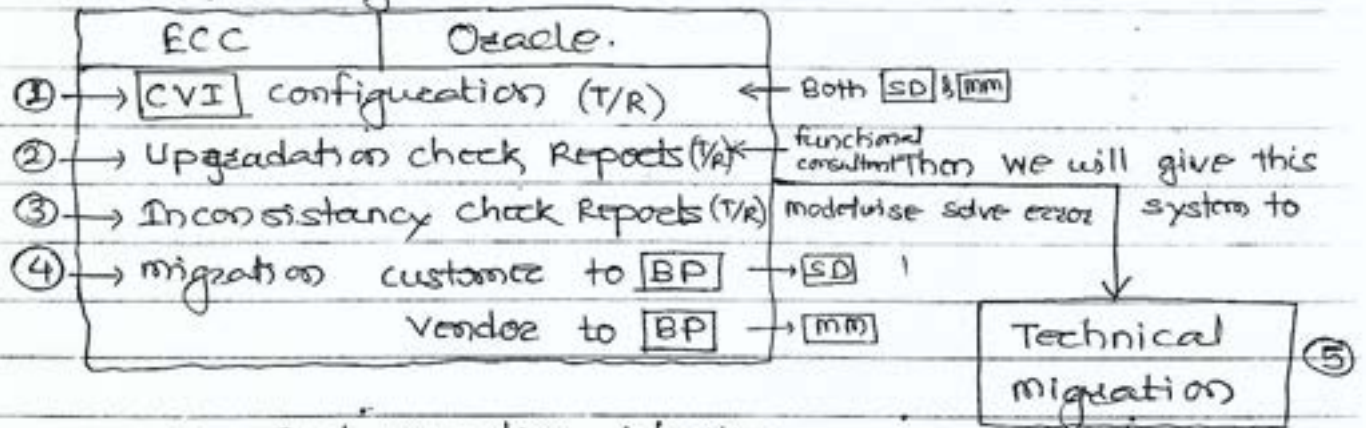
## # Migration Project →

→ Converting **ECC** system to **S/4 HANA**

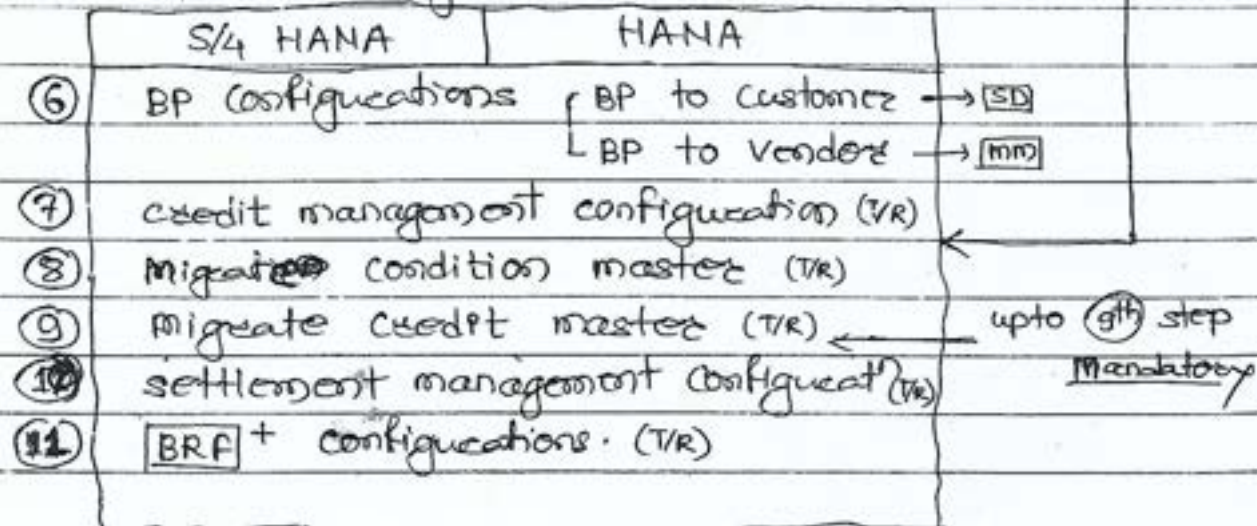
→ The Duration for Migration Project is ③ to ④ months

→ "Basic Consultant" has to Apply SAP Notes

### Pre Migration Activities



### Post Migration Activities



→ customer master, vendor master, Condition master & credit master data we migrate manually.

→ Remaining All will come automatically in Technical migration.

# # Migrating the customers & Vendors to **BP**

→ Before Migration Project, we have to **prepare**  
**Excel sheet**

## a) Customer Master

CAG Customer Ac group	KNA1 No. of Entries	BUT000 No. of Entries	CVI_CUST_LINK No. of Entries	DIFF No. of Entries
0001	<del>500</del> 7	0		
KUNA	<del>500</del> 10	0		
<del>EPBA</del> 0002	8 24	0		

CAG	NI No. Range Interval	From No.	To No.	External
0001	01	1	9999	<input type="checkbox"/>
KUNA	xx	A	22222	<input type="checkbox"/>
0002	01	1	9999	<input type="checkbox"/>
BP Grouping	NI	From No.	To No.	External

## b) Vendor Master

~~Vendor~~ Table **LFA1**

Ex

VA-G Vendor Account Group	LFA1 No. of Entries	BUT000 No. of Entries	CVI_VEN_LINK No. of entries	DIFF. No. of Entries

VAG	NI	from	To	External	Grouping
BP Grouping	NI	from	To	External	

### Customer Master

# For To get the Account Group which clients is using ⇒

goto **SE16N**

maintain Table **KNA1**

→ Execute.

→ Then select A/c group column

→ click on "set filter" → Press **F4**

→ & copy all A/c group (control **Ctrl-C**)

→ & paste it in "Excel sheet."

# For Each A/c group check the No. of Entries in **KNA1** Table. ⇒

goto **SE16**

maintain customer A/c group **KTOKD** **0001**

→ click on "No. of Entries"  we will get entries

→ check all No. of Entries for each A/c group & mention in Excel

Then maintain customer No. Range, from No. & To No.

& External. in Excel file.

⇒ Once Excel work is done, then finalize the BP Approach from "Core Users".

In migration project, the **BP** Approach means

① 

customer = BP
Vendor ≠ BP

 (✓)

② 

customer ≠ BP
Vendor = BP

③ 

customer ≠ BP
Vendor ≠ BP

④ 

customer = BP
Vendor = BP

 It will not come in migration project

→ Because, while doing migration

In ECC system, customer have different Number

& Vendor have different Number

Then If we create 

customer = BP
---------------

BP No. created
----------------

Then we can't create 

Vendor = BP
-------------

 because we can't that number of 

BP
----

 already ~~not~~ created.

⑧ Org. Structure in "Pre-Migration System" ⇒

Comp. Code 

8888
------

sales org. 

8888
------

storage locat<sup>n</sup>

8888
------

Dist. cha. 

88
----

 Dealers

shipping point 

8888
------

Division 

88
----

 Insulin

purchasing org. 

8888
------

plant 

8888
------

Customising Request 

SUNK900086
------------

Pre Migration Comp. Code 

8888
------

# Pre-migration for practice ⇒ (A) Customer master

① Create New A/c groups for Customer master [OVT0] ⇒

- a) copy [0001] sold to party  
& mention [H001] sold to party (H001) & save it.
- b) copy [0001] sold to party  
& mention [H002] sold to party [H002] & save it.
- c) copy [0001] sold to party  
& mention [H003] sold to party [H003] & save it.

② ~~Execute~~ Define No. Ranges [XDNI] ⇒

→ click on 'change Interval' → 'Insert line'

No.	From No.	To Number	Extensal	
H1	2100	2199	<input type="checkbox"/>	Intend-Numeric
H2	2200	2299	<input checked="" type="checkbox"/>	Extensal-Numeric
H3	H100	H199	<input checked="" type="checkbox"/>	Alpha-Numeric

we should check  extensal

③ Assign No. Ranges to A/c groups ⇒ [OVT0]

- a) goto A/c group [H001] & Assign No. Range [H1] & save it  
Go back
- b) goto A/c group [H002] & Assign No. Range [H2] & save it  
Go back
- c) goto A/c group [H003] & Assign No. Range [H3] & save it

④ Partner Determination for New A/c groups ⇒

[VOPAN]

(4th) step only. we have to do

+ A/c Group - function Assignment ⇒

Goto New Entries

Part.fun.	A/c group	Part.fun.	A/c group	Part.fun.	A/c group
SP	H001	SP	H001	SP	H003
SH	H002	SH	H002	SH	H003
BP	H002	BP	H002	BP	H003
PY	H001	PY	H002	PY	H003

- 5 If create customers with different countries & Diff. Ac groups →  
 → After creating customers then do **BP** configurations. [Practice Purpose]

T-code

**XD01**

⊙ a) Ac group **H001**

- i) customer NO. <sup>Internal</sup> **2100** Ac group **H001** customer ①  
 country **IN** **Mumbai** save it
- ii) Customer No. **2101** Ac group **H001** customer ②  
 country **CHINA** **Bijing** save it
- iii) customer NO. **2102** Ac group **H001** customer ③  
 country **Canada** **ALBERTA** save it.
- iv) customer NO **2102** Ac group **H001** customer ④  
 country **UK** **BRISHTOL** save it

⊙ b) Ac group **H002**

- i) customer NO. **2200** Ac group **H002** customer ⑤  
 country **IN** **Pune** save it.
- ii) customer NO. **2201** Ac group **H002** customer ⑥  
 country **US** **ALASKA** save it.
- iii) customer NO. **2202** Ac group **H002** customer ⑦  
 country **Australia** **Victoria** save it.

⊙ c) Ac group **H003**

- ① customer NO. **H100** Ac group **H003** cust. ⑧  
 country **IN** **Nagpur** save it.
- ② customer NO. **H101** Ac group **H003** cust. ⑨  
 country **JAPAN** **Tokyo** save it

Then check Entries in **SE16**

Table **KNA1** **H001** ④, **H002** ③, **H003** ②

## Migrations

STEP

① **BP** configurations OR/ **CVI** configuration ⇒

→ Before that

goto **SA38** / **SE38**

To know whether the CVI integration success or not. ✎

② Then, we check program for Upgradation Report

→ Program **PRECHECK\_UPGRADATION\_REPORT** → Execute

In this Reports.

→ check All check Boxes

→  check "Display Results for current client"

→  Execute. (We will get Errors status)

→ Double click on it **X00** we have to Rectify

③ The Program for Consistency check Report is prog. **/SDF/RC\_START\_CHECK**

→ Execute.

Then mention the Version

**SAP S/4 HANA (1809)**

→  check "Display Last checks Result" → Execute

→ ~~then~~ select Applicat<sup>n</sup> Area Column →  click set filter

→ ~~Then~~ Execute Press **F4** → Sales & Distrib<sup>n</sup> → continue

→ Then click on "Display Consistency check Log"

→ ~~we~~ then we will display Errors with all modules with Return codes

④ Upgradation

① ~~Upgradation~~ check Reports ⇒

→ It will help to know whether the CVI Link is success or not.

→ It will inform only Related customers to **BP**

& Vendors to **BP**

/SPF/RC - START\_CHECK → Execute → version S/4 HANA 1809

→ Display last check Results → Execute → Then select "Last consistency Result" → click on set filter → click on "multiple selections" → Press F4 → select stop → Also select stop → Then we will get

② Consistency - check Report → All modules Errors -

→ It will help to display the errors of all modules with Return codes.  
→ If Return code is less than 7, Then we can skip that Errors for the ~~the~~ Total migration process

If Return code = 7, Then we skip this Error for Technical Migration, But we have to solve the error in "post migration"

If Return code > 7, Then we have to solve that Error before Technical Migrations.

① CVI Configuration [In Pre-Migration Server]

Path

SPRO → Cross-Application Components → SAP Business partners → Business partner → Basic settings → Business partner Roles

① Define BP Roles →

In this configuration step, we can define new BP Roles. But for Migrating customers to BP & vendors to BP

In RealTime

We will go with standard BP Roles for migration

i.e. for customers FI FLCU00

SD FLCU01

for vendors FI FLVN00

MM FLVN01

But we create ours

Go to New ~~table~~ Entries,

→ BP Role HLCU00

→ BP Role HLCU01

Title CVI : customer FI

Title CVI : customer SD

Descript<sup>n</sup> CVI : customer FI

Descrip CVI : customer SD

BP view FLCU00

BP View FLCU01

& save it

& save it.



④ ~~BP~~ Double click on BP Role Categories ⇒  
 Goto New Entries  Role Categ.  HLCU00 Diff. Type  general data  
 Title  CVI: customer   organization  
 Descrip.  CVI: customer   Person  
 Group & save it.

Do same

→ for  BP Role  HLCU00  CVI: customer  SD

⑤ Goto back to BP Roles & ~~Assign~~ BP Role Categories ⇒

→ goto BP Role  HLCU00 } goto BP Role  HLCU01  
 & Assign BP Role Categ.  HLCU00 } & Assign BP Role categ.  HLCU01  
 & save it } save it

② No. Ranges & Groupings for  BP ⇒

① Define No. Ranges T-code  BUCF / path  
 goto change Intervals

No.	from No.	To Number	External
D1	2100	2199	<input checked="" type="checkbox"/>

No.	from No.	To Number	External
D2	2200	2299	<input checked="" type="checkbox"/>

No.	from No.	To Number	External
D3	H100	H199	<input checked="" type="checkbox"/>

save it.

② Define Groupings & Assign No. Ranges.

goto New entries

Grouping	short Name	Descript <sup>n</sup>	No. Range
D001	Sold to-party	Sold to-party ① (1-4)	D1
D002	Sold to-party	Sold to-party ② (5-7)	D2
D003	Sold to-party	Sold to-party ③ (8-9)	D3

save it.

while migration, ● In field Grouping, & Initially we will keep field status or controls as blank/optional  
 After migration, we can control [BP] fields.

- ③ Field Groupings ⇒  
 configure field Attributes for BP Role  
 configure field Attributes for Each Role Categ.  
 goto New Entries

BP Role	Description
HLCU00	CVI: Customer [FI]
HLCU01	CVI: <del>Customer</del> [SP] save it.

- ④ Address Determination ⇒ @ Define Transactions ⇒

- ① Define Address Types ⇒

If ~~is~~

If [XXDEFAULT] is not there. IF NOT Then [Create]

check →

Transaction	Description
XXDFLT	Standard

Then goto New entries

Address Type	Name	Multiple Usage
XXDEFAULT	<del>Default</del> Address	<input checked="" type="checkbox"/>

save it.

XXDFLT Purpose of Address Determination → We maintain separate-separate Address (Different Address)

- ② Assign Transaction to Address Type ⇒

mention

Transaction	Address Type
XXDFLT	XXDEFAULT

save it.

- ⑤ forms of Address ⇒

Maintain forms of Address ⇒

mention the Titles

Key	Title	Person	Ozq.	Group
0001	Ms.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
0002	Mr.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
0003	Company	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
0004	Dz.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

we have check that.

→  Select all ~~Org~~ Titles as Organization.

→  person &  group, we will not do that.

## while migration, (In Real Time)

We will get lots of errors, which ~~are~~ <sup>will</sup> solved by Path

→ Cross-Applicat<sup>n</sup> → SAP BP → BP → Basic Settings

① Data Origin ② Identificat<sup>n</sup> No.

③ Tax No. ④ Tax Types

[In Real time, We have to do Only Once]

## ⑥ Data Distribution [Don't Do this Now]

→ Activate function modules →

function module	call
COM_BUPA_MWX_CREATE_MAIN	<input checked="" type="checkbox"/>
COM_BUPA_MWX_CREATE_REL	<input checked="" type="checkbox"/>
BUPR_CREATE_CHANGE_POINTER	<input checked="" type="checkbox"/>
BUPA_OUTBOUND_ALE_REL	<input checked="" type="checkbox"/>
MDS_BUPA_OUTBOUND	<input checked="" type="checkbox"/>

These function modules is mandatory for Migrations.

## ⑦ Master Data Synchronization →

→ Synchronization Control → Synchronization Control

→ ① Synchronization Objects →

Here we have to maintain / check

→ BP → platform

→ customer  uncheck

→ Vendor

## ⑧ Activate PPO Requests for Platform objects

in the dialog →

[PPO] means [Post-Processing]

→ goto New entries

syne. object	ppo Active
BP	<input checked="" type="checkbox"/>

& save it

## ⑨ Activate Synchronization Option →

Source obj.	Target obj.	Act. Indict
customer	BP	<input checked="" type="checkbox"/>
Vendor	BP	<input checked="" type="checkbox"/>

You have to Activate.

**Path**

SPRO → cross-Application Components → master data synchronization → customer-vendor Integration → Business partner settings → settings for customer integrations.

8) Define BP Role for Direction customer to **BP**  
goto New Entries.

A/c group	BP Role
H001	HLCU00 <input type="checkbox"/> FI
H001	HLCU01 <input type="checkbox"/> SD
H002	HLCU00 <input type="checkbox"/> FI
H002	HLCU01 <input type="checkbox"/> SD
H003	HLCU00 <input type="checkbox"/> FI
H003	HLCU01 <input type="checkbox"/> SD

save it.

Go back

9) Goto Field Assignment for Customer Integration

→ Assign Keys

10) Define No. Assignment for direction customer to **BP**

goto New Entries

Customer A/c Group	BP Grouping	Same NO
H001	D001	<input type="checkbox"/>
H002	D002	<input type="checkbox"/>
H003	D003	<input type="checkbox"/>

Normally we will get error No. Related save it

Go back

11) Goto Assign Attributes → Contact Person

→ Activate Assignment of Contact person.

check

Contact Person Active.

& save it.

check  SE16  KNA1

Ac Group  H001  
→ check No. of Entry

Table  
 BUT000

BP Grouping  D001  
→ check No. of Entries

Then we do this, check All Ac group Entries ...

### ⊛ Migrate Customers to BP

T-code for Synchronization COCKPIT OR//  
migration COCKPIT ⇒  MDS\_LOAD\_COCKPIT

↳ "TOOL"

→ Double click on  customer to Business partner

→ ~~monitor~~ the field Name as  Account group

→ ~~select~~ Include

Field Name	Include/Exclude	Option
<input type="checkbox"/> Account Group	<input checked="" type="checkbox"/> specified Values	<input type="checkbox"/> EQ = single Value
<input type="checkbox"/> KTOKD	Lower Limit	Upper Limit
	H001	

→ Then Execute (we will get message)

"Data successfully transferred to background processing."

⊛ After that,

goto  monitor → select first line.

→ ~~se~~ click on  Queue

→ "Register & Activate Queue"

→ Refresh it.

UK ← continue ← see the country ← goto Display mode

→ To see the Errors

→ select the line

→ & click on "call PPO" → Expand → Double click on it.

Error Geo-codes  SAP: Country Specific<sup>n</sup> is incomplete (customizing)

⇒ The ~~Geo~~  Path To maintain Geo code is

SPRO → ~~sp~~ SAP Netviewer → General Settings

→ set geo-coding → Process Geographical data for countries

Then goto country  GB United kingdom

Country	Degree	Min	Sec	Direct	Degree	Minute	Sec	Direction	Name
GB	11	12	13	N	11	12	13	0	UK

After Solving Errors,

go back → & select line → & Execute → Refresh it

→ Then check Entries in **SE16** & go & check **BP**

→ while migrating, If you get Error for other Ac groups.

Go to Upgradation check Reports → **SA38**

Double click on ① "Every Ac group BP Grouping must be available."

Then Take the Ac groups

Ac groups

0001

0002

0012

0110

KUNA

T100

② CVI Mapping

If where If we display Error.

that means, that Customers still are not migrated.

① goto Customer Ac groups & check the No. Ranges

② goto **BP** Groupings by Path  
Define groupings

③ After BP Groupings

Define BP Role for Direction customer to BP

In this configuration steps, for all your Ac groups you have to assign your **BP** Roles

i.e. **FLCU00** FI

**FLCU01** SD

- ④ Goto Field Assignment customer Integration  
 Assign keys  
 Define No. Assignment for direction customer to BP  
 Ac group Grouping

**For Vendor Master**

# check Vendor Ac groups which client using  
 goto **SE16N**

- mention Table **LFA1** for Vendor
- execute
- select the "Ac group column"
- then click "set filter" → then press **F4**
- then copy all vendor Ac groups
- & paste it in "Excel sheet"

# check No. of Entries in each Ac group in the  
 Table **LFA1** for Vendor

goto **SE16**

mention Table **LFA1** → Enter for All Ac group

mention Ac group for Vendor. **multiple selection**

**KTOKK** **0001**

→ & click on **No. of Entries**

→ then we will get No. of entries for that Ac group.

→ like that we have to check vendors No. of Entries  
 which are using by client.

**Error** Account 160000 is invalid reconciliation A/c in company code 8888.

Solve → goto F500 → click on "change" → goto Control data TAB  
 mention G/L Acc. 160000 → Assign A/c type K Vendor & save it.  
 comp. code 8888

# check the NO. Ranges for the A/c groups ⇒

**Path**

SPRO → Logistics - general → Business partner  
 → Vendors → control → Define No. Ranges for vendor  
 master Records

→ Then click on No. Range

A/c group 0001 No. Range XX  
 → check that. → ~~that~~ only. ~~Feb.~~

→ Then click on Intervals → Insert

No.	From No.	To Number	Extend
XX	A		<input type="checkbox"/>

Like that check All No. Ranges related All A/c groups

# **For Practice**

① Create New A/c group for Vendor ⇒

→ copy 0001 vendor → mention H100 vendor (H100) & save  
 → copy 0001 vendor → mention H200 vendor (H200) & save.

② Define No. Ranges for Vendor master Record ⇒

→ click on Intervals. → ~~see~~ Insert

No.	From No.	To Number	External
H1	400	499	<input type="checkbox"/>
H2	500	599	<input checked="" type="checkbox"/>

External.

③ go back click on No. Range & Assign No. Range

→ goto A/c group H100 | A/c group H200  
 Assign No. Range H1 | Assign No. Range H2  
 & save it.

# Create some Vendors ⇒

T-code XK01

Vendor            Internal

① Vendor No. 400

comp. code 8888

② A/c group (H100) Vendor ①

Purch. Org. 8888

③ Vendor No. 401

A/c group H100

④ A/c group (H200) vendor ②

→ Enter

→ Order Currency INR

→ Recon. A/c 160000 → Cash management Group A1 → Enter & save it.



4) DO Partner Determination for A/c group [H100] & [H200] vendor

Function	Group
CA	H100
VN	H100
IP	H100

&

Function	Group
CA	H200
VN	H200
IP	H200

save it.

Then create vendor for other A/c group [H200]

[XK01] vendor [500]

comp code [8888]

Purch. Orga. [8888]

A/c group [H200]

→ Do same.

① vendor [500]

A/c group (H200) Vendor ③

② A vendor [501]

A/c group (H200) vendor ④

Then check SE16 <sup>no. of entries</sup>

5) Define [BP] groupings & No. Ranges

[BUT000]

① Define No. Ranges for [BP]

→ 'change Intervals' → Insert Line

No.	From No.	To Number	External
E1	2300	2399	<input type="checkbox"/>
E2	2400	2499	<input type="checkbox"/>

save it.

② Define Groupings & Assign No. Range

Goto New cookies.

Grouping

Grouping	short Name	Description	How No. Range
E100	Vendor BP GRP	Vendor (1-2)	E1
E200	Vendor BP GRP	Vendor (3-4)	E2

save it

③ Goto Master Data Synchronization →

→ Customer/Vendor Integration

→ BP settings → settings for Vendor Integration

→ Define BP Role for Direction ~~customer~~ to Vendor to [BP]

goto New Entries

A/c Group	BP Role
H200	FLVN00
H200	FLVN01

save it.

④ Goto Field Assignment for Vendor Integration →

→ Assign keys

→ Define No Assignment for direction Vendor to [BP]

A/c group	BP Grouping	same NO.
H100	E100	<input type="checkbox"/>
H200	E200	<input type="checkbox"/>

[57]

save it.

[Remember This is not Approach, This is my Understanding]

# IF we want to go with External  
 customer = BP → BP No. Range   
 Vendor = BP → BP No. Range  External.  
 Then we should make BP No. Range

# IF we want to go External  
 customer ≠ BP → BP No. Range   
 Vendor ≠ BP → BP No. Range   
 Then we should make BP No. Range  uncheck  
 In which, IF we check  external for BP No. Range  
 Then we will get Error  
 [Error] "You are permitted to use grouping [E200] with  
 Identical Numbers!"

~~Now~~ Before migration, we check of No. of Entries  
 goto [SE16]

Table [LFA1]	A/c group	No. of Entries	Table [BUT000]	BP Grouping	No. of Entries
	H100	2		E100	0
	H200	2		E200	0

# Now We do migration ⇒  
 migrate Vendor to BP  
 T-code for migration Cockpit.

→ [MDS\_LOAD\_COCKPIT]

→ Double click on "Vendor to Business Partner"

Field Name	Include/Exclude	Option	Lower Limit	Upper Lim.
Account Group	<input checked="" type="checkbox"/> specified values	<input checked="" type="checkbox"/> single value	H1000	

[KTOKK]

→ After that "Execute".

→ Then goto **Monitor** TAB

→ select line

→ & click on **Call PPO** [If You will get E2202]

→ Rectify that E2202

→ Then go back

→ Again Execute & Refresh it.

Then it will Success.

→ Also DO same Proces for **H200**

Then it will successfully transferred.

# After Migration

→ check No. of Entries

Goto **SE16**

Table **LFA1**

Ac group	No. of Entries
H100	2
H200	2

Table **BUT000**

BP Grouping	No. of Entries
E100	2
E200	2

→ Also check

Table **CVI\_CUST\_LINK**

Table **CVI\_VEND\_LINK**

## # Post Migration Activities ⇒

→ Create the own org. structure in HANA system

## # Org. Structure in Post Migration System ⇒

→ Customising Request No. S17K900096

Descript<sup>n</sup> ⇒ Alkem Post Migration MH11 in Migrated Project

- ① company code MH11
- ② Sales org. MH11
- ③ Distribution channel MA
- ④ Division MA Insulin MB Antibiotic
- ⑤ Plant MH11
- ⑥ Storage Locat<sup>n</sup> MH11
- ⑦ Shipping point MH11
- ⑧ Purchasing org. MH11

## ④ ~~Exec~~ Define Credit Control Area ⇒

Reth SPRO → EP → Definat<sup>n</sup> → financial Accounting

→ Define credit control Area

goto New Entries,

credit control Area MH11

currency INR

update group 000012

FY Variant V3 & save it

→ go back & mention

MH11 | Alkem Credit Control Area save it.

## \* Assign Credit Control Area to Comp. Code. ⇒

→ goto your comp. code MH11

& Assign. Credit Control Area MH11 & save it.

→ They Do all other Assignments.

Ref

④ Define Credit Control Area ⇒

SPRO → EP → Definat<sup>n</sup> → Financial Accounting

→ Define credit control Area

goto New Entries

Credit control Area

Currency INR

Update 000012

F.Y. Variant

& save it.

→ Assign Credit control Area to Company Code ⇒

④th SPRO → EP → Assignment → Financial Accounting

→ Assign ~~the~~ comp. code to Credit control Area.

goto use comp. code

& Assign credit control Area

save it.

≠ Before creating material master ⇒

we have to do these steps.

① T-code

goto use valuation Area

→ check  ML Active

→ price determinat<sup>n</sup>

→  price determinat<sup>n</sup> Binding in Val. Area

→ save it & continue.

② T-code

goto use valuation Area

→ & Assign material ledger type as ~~MMH1~~

→ & check status

③ T-code **CKMSTART**

mention plant **MH11**

→  Background processing

→  Test RUN & Execute

④ Create Material Master ⇒

T-code **MM01**

Material **VAXINE6600** material for migrant Project

Industry sector **P Pharmaceuticals**

Material Type **FERT Finished Product**

stock → do same & save it.

# stock Posting ⇒

Qty - 5000

T-code **MIGO**

mention, Transaction/Event

Reference Doc.

**A01 Goods Receipt**

**R10 Other**

Then mention,

material **VAXINE6600** Qty **5000**

In **where** TAB

≠ Plant **MH11**

storage locat<sup>n</sup> **MH11**

Then  Item qty & check it & Post it.

FSCM concepts on credit decision making  
② credit scoring / Rating  
will be done by **FSCM**

### # Credit Management Configuration ⇒

In S/4 HANA, The credit management configuration has been moved from **SD** to **FSCM**

**FSCM** ⇒ Finance Supply chain management

→ The T-code to maintain credit limits in **S/4 HANA** system is **UKM-BP** OR/ **BP** with Role as **UKM000**

→ **FD32** T-code is not available in S/4 system.

→ The T-code **VKM3** & **VKM5** is not available in S/4 HANA system.

→ In S/4 HANA system, To Release the credit block orders & deliveries, we are using.

**VKM1** & **VKM4**

→ The T-code ~~FD31~~ ~~FD32~~ ~~FD33~~ ~~FD~~ ~~FD0T~~  
**FD31** **FD32** **FD33** **FD34** **FD24** is not available in S/4 HANA system. But **FD33** is still available for Display.

→ In future, the only T-code to Release credit block orders & deliveries. **UKM-MY-DCDS**

### Credit Management Configuration in # S/4 HANA system ⇒ ① Master data ⇒

**Path** ① Create Credit Segment ⇒ ~~see~~ [Centrally Define]

SPRO → financial supply chain management

→ credit management → Credit Risk Monitoring

→ Master Data → ~~Setup~~ Create Credit Segments

Goto New entries

credit segment **MH11**

Name **ALKem Credit Segment**

currency **INR**

Exchange Rate Type **M**

& save it.

① why credit management configuration is given in post migration  
 → Because we have to do New configuration related to credit management. that is available in only 3/4 HANA system. once you do that then only we can able to do org migrate Credit Master

"Credit Segment" will help to make Automatic Credit Controls more flexible.

① Create Risk Classes ⇒

"Risk class" will help to determine Risk category.

while maintaining credit data in BP, we will maintain "Risk class" & the Risk class will help to determine Risk category.

→ The "Code" should be same for Risk class & Risk category

→ Create Risk classes ⇒

goto New Entries

Risk Class	Name of Risk class	Score From	Score To
MH1	High Risk	811	820
MH2	medium Risk	821	830
MH3	Low Risk	831	840

② credit Limit check ⇒

↳ Define checking Rules ⇒

In checking Rules, we configure credit controls.

eg. dynamic check, static check, open items oldest open items. etc.

goto New Entries

check Rule	Name of check Rule	check Exceptions
MH11	Altam checking Rule	<input type="checkbox"/>

→ Then select checking Rule & double click on checks

goto New entries

①: Individual step

Press

"Dynamic Limit check for ~~Horizon Credit~~ with credit horizon"

→ you will get warning message → Enter.



T-code **OM01**

**S066** Info structure will not work in  $\frac{3}{4}$  HANA  
→ It will help to change it months to days

→ maintain Credit Horizon in Days **60** Enter

Then

Double click on Credit segment →

goto New entries

mention we credit segment **MH11**

save it

Go back **checks**

goto New entries.

② Individual step **020** "checks for Max<sup>m</sup> Document value"  
→ Enter

→ Double click on Credit Segments

goto New entries.

Credit segment	max <sup>m</sup> Doc. Value
MH11	2,00,000

 & save it

Go back **checks**

goto New entries

③ Individual step **130** "checks for overdue open items".

Double click on Credit Segments.

Credit Segment	Percentage	Days	→ Grace days
MH11	30		

 & save it.

Go back **checks**

goto New entries

④ Individual step **110** check for age of "Oldest open item"

Double click on Credit segment → goto New entries

mention credit segment **MH11** & save it.

③ Goto Integration with Accounts Receivable Accounting and sales & Distribution →

Ⓐ Integration with Accounts Receivable Accounting

① Define Credit segment → **[FI] Path**

goto New entries. (Previous will not appear here)

we have to define it again...  

Ce. Segment	Name
MH11	Alkem Credit segment

 save it

⑩ Assign Credit Control Area & Credit Segment.

goto use credit control Area MH11  
 & Assign Credit segment. MH11 save it.

\*\* The Relationship bet<sup>n</sup> Credit segment & credit control Area, [one to many.]  
 i.e. one credit segment can have many credit control Areas.

But one Credit Control Area should be Assigned to only one credit segment.

⑪ Integration with sales & Distribution ⇒ SD Path

⇒ ① Credit segment & Assignment we already defined in FI path, that will appear here [Divisionwise credit limit we have to do here]  
 so No need do once Again here.

~~maintain Authorization~~

⑫ Define Credit Groups ⇒

→ define these Credit groups

goto New entries,

Credit Group	Document credit group
MA	Block At Order
MB	Block at Delivery
MC	Block at PGI

Enter & Save it.

⑬ Assign Sales Documents & Delivery Document

① → Double click on Credit Limit check for order Type ⇒ T-code OVAK

goto Order type OR

mention check credit  Automatic credit control.

SaTy	check Credit	Credit group
OR	D	MA

save it. 66

⑥ → Double click on Credit Limit check for Delivery Types ⇒

goto use Delivery Type LF

Delivery Type	Deliv. Ccr. Group	PGI Ccr. Group
LF	MB	MC

save it.

④ Define Risk Categories ⇒

→ Define Risk Categories same as "Risk class"  
Generally, we define three Risk categories.

- i.e.
- ① High Risk categ.
  - ② Medium Risk categ.
  - ③ Low Risk categ.

Goto New Entries.

Risk categ.	Cred. cont. Area	Name
MH1	MH11	High Risk
MH2	MH11	Medium Risk
MH3	MH11	Low Risk

save it.

⑤ Define Automatic Credit Control ⇒ T-code OYAS

C.C.A  
MH11

Risk Categories

MH1	High Risk
MH2	medium Risk
MH3	Low Risk

Credit groups

MA	Block at order
MB	Block at Del.
MC	Block at PGI

Goto New entries

① C.C.A. Risk Catg. Cc-Group credit control

MH11	MH1	MA	High Risk Block at Order
------	-----	----	--------------------------

- Item check
  - SAP credit management
  - Reaction → status/Block
- C

Enter & Save it.

a) C.C.A RkC CG Credit Control (If. Requirement)  
 MH11 MH3 MA Low Risk Customer warning message at order  
 →  Item check →  SAP credit management.  
 → Reaction  → status/Block  unchecks. & save it.

b) New Entry.  
 C.C.A RkC CG Credit Control Block  
 MH11 MH2 MB Medium Risk at Delivery  
 →  Item check →  SAP credit management.  
 → Reaction  → status/Block  & save it

c) New Entry  
 C.C.A RkC CG Credit Control Block  
 MH11 MH3 MC Low Risk at PGI  
 →  Item check →  SAP credit management  
 → Reaction  → status/Block  & save it.

### Process

① Then Create BP  
 → click on "organization" Grouping  0001 Internal  
 BP Role  FLCU00  FI  
 → click on "create"  
 Name  SHREE Sai Dealer  
 search Term  SHR  
 postal code  100005  Mumbai  
 country  IN , Region  13  
 Time zone  India Language  EN  
 Then goto  Company Code  
 mention co. code  MH11  
 Recon. A/c  1,40,000 & save it BP  72

Then Extend the BP to sales & distribution Role.  FLCU01  
 BP Role  FLCU01  SD  
 goto  Sales & Distribution  

Sales org. <input type="checkbox"/> MH11	<input type="checkbox"/> Orders Tab
Dist. chan. <input type="checkbox"/> MA	sales District <input type="checkbox"/> 000001
Division <input type="checkbox"/> MA	Price Group <input type="checkbox"/> 01
	Cust. Pri. Proc. <input type="checkbox"/> 01

Enter

Goto SHIPPING Tab

Deliv. Pzlo. [01]  
Del. Plant [MH11]  
Ship Cond<sup>n</sup> [01]

Goto BILLING Tab

Incoterms [CIF]  
Locat<sup>n</sup> [mumbai]  
Payment terms [0001]  
Ac Ass Group [01] Tax [1]

Credit Control Area  Don't maintain this field, maintain this only for "Division-wise Credit Limits". & Save it

→ If you want to Extend other sales Area do same & Save it

BP No. [72]  
Customer No. [72]

\*\*> Extend BP to Credit Master =>

mention BP Role [UKM000] Credit management.

Mention, goto Credit Profile TAB

Rules [51 Default USA Rule]

Risk class [MH1] High Risk

check Rule [MH11] ALKcom checking Rule.

Then Goto Credit Segment Data

Mention as Credit Segment [MH11]

→ Enter

mention the credit Limit [100000] → Enter

→ After Enter click on  Release Limit.

Again it will appear.

→ Then Save it.

\*\* Goto your Pricing Procedure. [V08]

& maintain subtotal [A] for [PR00] C-Type.

Pric Proc.	step	Cond <sup>n</sup> type	subtotal	Req.	Acc key
[ <del>0000</del> ] MH1111	10	PR00	A	2	ERL

save it.

\*\* [OVKK] Pricing Procedure Determinat<sup>n</sup> =>

Sal. Org.	Dist. ch.	Division	Co. Pz. Pz.	Cus. Pz. Pz.	Pri. Proc.	Cond <sup>n</sup> type
MH11	MA	MA	A	01	MH1111	PR00

## \*\* Maintain Condition Records

cond<sup>n</sup> type

→  material with Release status

→ sales org.

Dist. chan.

→ material Amount

Enter & Save it.

## → Then Create Order

Order type

Sale org.

Dist. chan.

Division

Enter

customer

material

Order quantity

Enter & Save it.

Then

goto we BP

BP Role

goto  credit segment

check → Credit Limit

→ Credit Exposure

It will appear here automatically.

Next.

we create one more order.

customer

material

save it quantity

→ Enter, then you will get warning message.

"Credit Limit  INR has been exceeded by  INR

in the horizon.

→ ~~Enter~~ continue → save it → Again you will get message → continue.

→ Then goto change of mode of order

**VA02**

→ & check status overview

"Not yet confirmed"

"credit check - not OK"

→ Then check credit limits.

**UKM-BP**

→ Credit Limit **1,00,000**

credit Exposure **30,000**

If order is blocked Then It will updated here.  
not

② Create **BP** for medium Risk, customer ⇒

→ BP NO ⇒ **74**

customer NO ⇒ **74**

→ Extend this **BP** to **UKM000**

goto **Credit Profile** in General Data

Rules **51**

Risk class **MH2** ~~Risk High Risk~~ Medium Risk.

check Rule **MH11**

goto **credit segment Data** TAB → credit segment **MH11**

mention credit Limit **1,00,000**

& Release it & save it.

Then

→ create order for medium Risk customer = **74**

quantity **101** save it.

→ create delivery for this

while creating delivery, we will get warning message. & block.

③ Create **BP** for Low Risk, customer ⇒

**BP** = **75**

customer NO. **75**

→ Extend this BP to UKM000

goto Credit Profile in General Data

Rules 51

Risk class MH3 Low Risk

check Rule MH11

goto Credit segment data TAB

mention credit limit 100000

→ Release it & save it

Then, Create one order for Low Risk Customer 75

with quantity 101 & save it.

→ Create Delivery, & Do picking

→ & DO PGI

while doing PGI we will get warning message & Block.

④ Create BP for High Risk Customer for "Maximum Document Value" ⇒

BP NO 76

Customer NO. 76

Extend this BP to UKM000

goto Credit profile Tab

Rule 51

Risk class MH1 High Risk.

check Rule MH11

credit segment MH11

goto Credit Segment Data Tab

credit limit 3,00,000

→ Release it & save it

Then

create order for this High Risk Customer

customer NO. 76

material VAXINE6600

Qty 201

→ Enter

Doc value 2,01,000/-

Then we will get warning message & block [∴ max<sup>m</sup> Doc. value 2 Lakh

"max<sup>m</sup> document value was exceeded by more than this

save it

1000/- INR"

→ Then check status VA02 "credit check - not OK"

72



## # Create Rules →

Path

SPRO → FSCM → Credit management → credit Risk monitoring → master Data → Create Rule for scoring & Credit limit Calculations →

Goto New Entries.

Rules	Name
MH11	ALKCO Credit Rule

→ select this Double click on "Credit Limit".

goto New entries

Credit Segment
MH11

eg.

Create BP for High Risk customer for Max<sup>m</sup> Document Value.

⇒ BP NO - 77

cust. NO - 77

Then Extend this BP to UKM000

goto Credit Profile

goto Credit Segment Data

Rules MH11 ALKCO credit Rule

credit Segment MH11

Risk class MH11 High Risk

credit Limit 3,000,000

check Rule MH11

→ click on "Release Limit"

& Save it.

Then

→ Create Order more than Max<sup>m</sup> Document value

customer 77

2,00,000

material VAXINE6600

quantity 210

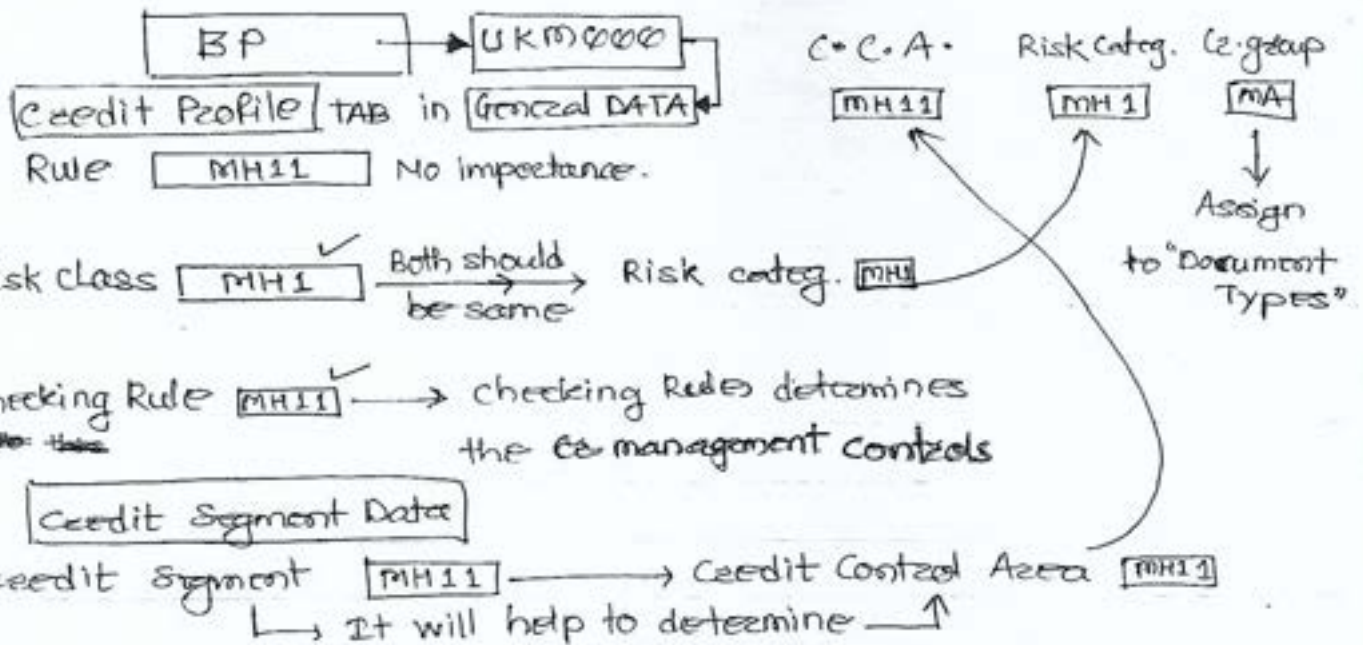
value 2,10,000

→ Enter.

Then you will get warning message.

That means, our created Rule for scoring & credit limit calculations is "OK".

## # Working of Credit Management OR Credit Management Linking ⇒



## # Post Migration Steps for Credit Master ⇒

- This step only for "migration project",
- This step will help to convert credit master data from ECC to S/4 HANA.

Path

- SPRO → conversion of Accounting to SAP S/4 HANA
- Data Migration → Credit Management migration

### 1) Migrate Credit management Master Data ⇒

- click on it T-code **FINS\_MIG\_MK1**
- select start New Run & Execute (we do only once) the "scheduled for immediate Execution"

### 2) Display status of Migration of Credit management master Data ⇒

- T-code **FINS\_MIG\_MONITOR\_MK1**
- only to see the status of migration of credit master data.

T-code FINS\_MIG\_MK2

③ Migrate Credit Management Exposure ⇒

→ select start New Run    
& Execute.

FD32 to → UKM-BP / BP ⇒ UKmeerr

④ Display status of Credit Management Exposure migration ⇒

FINS\_MIG\_MONITOR\_MK2

→ To see the status only

Credit Exposure Data from SD to S/4 HANA

⑤ Initialize Documented Credit Decisions ⇒

→ don't do

T-code FINS\_MIG\_MK3

→ do Direct "Execute" (Migrate Cred Mang. Credit Decisions)

In Real Time, It will take more time, & Job will also Run

⑥ ~~Exp~~ in Backend. [T-code to see Jobs for migrate?           ]

cust - BP

general jobs FM36

⑥ Display status of Initialization of Documented ⇒

→ To see the status of Blocked Transactional Data.

T-code FINS\_MIG\_MONITOR\_MK3

⑦ Reconcile Documented Credit ⇒

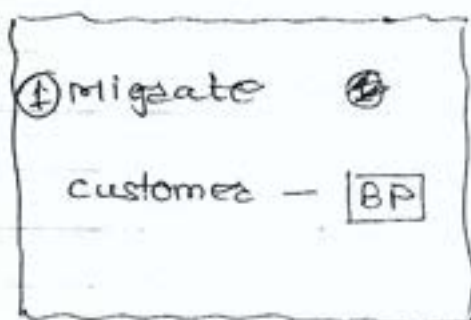
T-code FINS\_MIG\_CHECK\_MK3  uncheck "show missing cases only"

& Execute.

Here ~~SD~~ SD consultant will check blocked documents with the documented credit decisions.

Pre-Migrat<sup>n</sup>

S/4 HANA [Post-Migration]



- ② → BP changes in S/4 HANA
  - ③ → migrate condition master
  - ④ → credit management configuration
  - ⑤ → credit management migration

Technical migrat<sup>n</sup>

75

If some customer's credit migration data/exposure is not updated  
 Then you have to ~~raise~~ search for SAP Notes [ we can not change manually ]  
 or you have to raise this ~~sap~~ to **SAP** Ticket

⊗ Migrate Condition Master ⇒

The program to Migrate Cond<sup>n</sup> Master is,  
**PRC\_MIG\_POST\_PROCESSING**

"Post-processing report for pricing migration".  
 goto T-code **SA38** / **SE38**

Mention Program **PRC\_MIG\_POST\_PROCESSING**  
 & click on Execute.

→ give some max<sup>n</sup> ~~#~~ No. of size  
**1,00,00,000** & Execute

After that, we can see ~~at~~ List of all our condition Records **VK13**.

⊗ BP Configuration changes in Post Migration ⇒

① Goto Customer No. Ranges **XDNI**

→ goto "change Interval"  
 → make it  external & Save it

② Goto BP No. Range **BUCP**

→ goto & Make it  External & Save it.  
 uncheck (Internal)

③ Activates Synchronization Options ⇒

SPRO → ~~cases~~ Applicat<sup>n</sup> Components → ~~SAP~~ Master Data  
 Synchronizat<sup>n</sup> → ~~Customer - Vendor Integration~~  
 Synchronizat<sup>n</sup> control → Synchronizat<sup>n</sup> control → Activates  
 Synchronization options

Source object	Target object	Active
BP	customer	<input checked="" type="checkbox"/>
BP	vendor	<input checked="" type="checkbox"/>

save it.

④ Set BP Role category for Direction **BP** to customer ⇒  
 customer / Vendor Integration → Business partner  
 setting for Customer Integration → set BP Role  
 category for direction BP to customer

Here place we **BP** Roles 

FLCU00	FI
FLCU01	ED

↳ save it.

Go back

⇒ Goto Field Assignment for Customer Integration

→ Assign keys ⇒

⑤ → Define NO. Assignment for Direction BP to customer

mention 

we grouping	& Ac group	↳ same No.
—	—	☑

⇒ The New Table for Pricing is **PRCD-ELEMENT**

## ⑧ Condition Types for Settlement Management Pricing Procedure ⇒

Cond<sup>n</sup> Type

- REBY → Rebate Business Volume -
- RES1 → Rebate.
- RES3 → Rebate TPM (Trade Promotion Management).
- RES2 → Rebate Partial Settlement Reversal.
- RES4 → Rebate TPM Partial Settlement Reversal.
- RETX → Rebate Tax
- REA2 → Rebate Accruals Reversal.
- REA4 → Rebate TPM Accruals Reversal.
- REA5 → Rebate Accruals settlement.

## ⑧ Condition Types for Sales pricing Procedure ⇒

Cond<sup>n</sup> Type

- PR00 → Price
- REA1 → Rebate Accruals.  
↳ for Posting Accruals in Billing.

SD side → ECC Rebates → S/4 HANA Settlement Management (different C-Types)  
MM side → commissions → settlement management (diff. cond<sup>n</sup> Types)  
 (standard)

### ⊕ Settlement Management Configuration ⇒

The Pre-Requisites for Settlement management ⇒

- ① check  Rebate process active in sales organization.
- ② check  Rebate in Business Partner.
- ③ check  Relevant for settlement management in BP. Sales TAB SD BP Role [Mention only 3<sup>rd</sup> one]
- ④ check  Relevant for Rebate in Billing Types

→ The T-code VBO1 (create Rebate Agreement) is not available in S/4 HANA.

### Standard Process

### ① Create Pricing Procedure for Settlement Management ⇒

Path

TPM Trade Promotion Management

SPRO → Logistics - general → Settlement management

→ Basic settings → Pricing → ~~SD~~ sales & Distribution

→ Define pricing procedures.

→ The standard ~~price~~ pricing procedure. for Rebates

A1000S

select this & double click on Control - Data

Step	cond <sup>n</sup> type	from	man.	stat.	Peis	subto	Alt. Cond <sup>n</sup> base val.	Acc-key
100	REBY		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	A	7		
200	RES1	100			A	1	214	0S1
210	RES3	100			A	1	214	0S1
300	RES2		<input checked="" type="checkbox"/>		A	3		0S1
310	RES4		<input checked="" type="checkbox"/>		A	3		0S1
399	<span style="border: 1px solid black; padding: 2px;">Net Amount</span>				A	2		
400	RETX				A		2	
499	<span style="border: 1px solid black; padding: 2px;">Gross Amount</span>				A	3		<span style="border: 1px solid black; padding: 2px;">Accruals</span>
800	REA2		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		2		0S1
810	REA4		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		2		0S1
850	REA5					2	91	0S1

mm Related combination ① Purchase org. Schema group

- ② Document schema group
- ③ schema Group Suppliers
- ④ country code

Step.	Description	Subtotal	Alt. Calculat <sup>n</sup> Type
300	Effective value	05	4

→ checks it all.

②

Go to Specify Pricing Procedure Determination ⇒

→ go to Pricing Procedure Determination for "Settlement Document"

We will assign settlement pricing procedure to the combination of ④ Document ~~schema~~ schema group

SD Related

② Customized pricing procedure

③ Country Code

→ If you don't want separate pricing proc. for country wise [so, don't maintain] country code

● The standard document schema group is OS Rebate

Generally we assign settlement pricing procedure for the below document schema group.

OS → sales Rebate

OT → sales Rebate Accruals.

OU → sales Rebate Goods

OV → sales Rebate Manual (settle manually)

Go to New entries. Defined Cust. Pricing Proc. 11

Doc. schema group.	Cust. Pricing Proc.	Country Code	Pricing Proc. Cust. Sett.
OS	11	IN India	A10005
OT	11	IN	A10005
OU	11	IN	A10005
OV	11	IN	A10005

③ Create G/L Accounts for Rebate & Accruals ⇒

T-code FS00

at ~~FS00~~



\* **ØS1** is for Rebates & Accruals in Settlement management.

\* **ERU** is for only Posting Accruals in Billing

→ For **Rebate**

G/L Account **121212**

Comp. code **MH11**

→ sheet Text **Rebate**

click on **With Template**

G/L Acc **500920** std. Rebate

comp. code **1111**

& Save it.

→ For **Accruals**

Accrual G/L copy from **401040** standard.

G/L Account **141414**

comp. code **MH11**

→ click on **with Template**

G/L Acc. **401040**

comp code **1111**

& save it.

sheet Text **Accruals**

#### ④ Account Determination ⇒

→ Revenue A/c Determination

→ Assign G/L Accounts.

→ Double click on A/c key **ØS**

**KORS** C-Type is for Settlement management

goto New entries

**KOFI** C-Type is for Billing

Appli.	Cond.Type	chce.A/c	Sales Org.	Ac-key	G/L Account	Accrual A/c
V	KORS	INT	MH11	ØS1	121212	141414
V	KOFI	INT	MH11	ØS1	121212	141414
V	KOFI	INT	MH11	ERU	141414	141414
V	KOFI	INT	MH11	ERL	300000	

⑤ Goto ~~to~~ your sales pricing procedures ⇒ **V/ØS**

~~SSSS~~ ~~9999~~ One Pj. Proc. **MH1111**

step	Cond. Ty	from	To.	stat.	subtol.	Req.	Basetype	
							Alt-cond.	Ac-key
10	PR00				A	2		ERL
<del>20</del>	Rebate basis	10	19	<input checked="" type="checkbox"/>	7			
30	REAL	<del>20</del>		<input checked="" type="checkbox"/>		24	213	ERU

'Rebate basis' is nothing but 'Net value' Enter & save it.

→ IF You have both Credit management & Rebates Then maintain  
 Two "Net Value steps" in your pricing procedure  
 → In ① step maintain subtotal as **A**  
 & next ② step maintain subtotal as **F**

⑥ Assign this Pricing procedure to the combination of sales Area, Document pricing procedure & customer pricing procedure.

Goto **PVKK**

Sales Org.	Dist ch.	Div.	Doc. Pri. Pp.	Cust. Pri. Pp.	Pric. Ppoc.	Cond <sup>n</sup> Type
MH11	MA	MA	A	11	MH1111	PR00

Enter & Save it.

# Create **BP** → BP Role **FLCU00** **FI** grouping **0001**

BP NO - **S1**

Customer NO - **S1** Rebate customer

BP Role **FLCU01** **SD** **sales & Distribution**

sales TAB, customer Pric. Ppoc. **11**

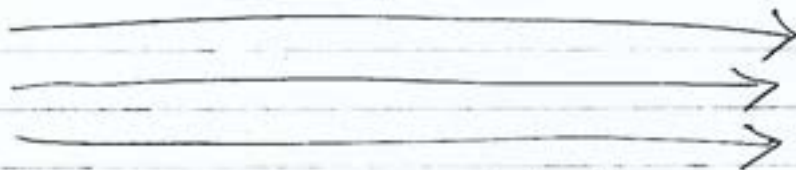
Relevant for settlement management

→ do same Remaining. ~~Save~~ it.

Billing TAB,  Rebate & save it.

Then

Create Cond<sup>n</sup> Contract



Next Page ...

eg → we have **10** customers, we take **6%** Accruals from **all** customers.  
 That amount we will keep aside & in which **4** customers are eligible for Rebate. Then we will settle Rebate for **4** customers from "Accruals Amount".  
 [we adjust like this] Rebate % & Accruals % depends on past history of customers

# create condition contract →

T-code WCOCO

→ click on "create" → & mention

→ cond<sup>n</sup> contract Type 0S01 sales Rebate

→ Then click on "continue"

mention customer NO. 81


mention validity Period

from 10/15/2019 To 11/15/2019

→ goto Sales TAB

mention sales org. MH11 Dist. chan. MA

Div. MA

→ click on "New Cond<sup>n</sup>" 

cond<sup>n</sup> Type RES1 Rebate

cond<sup>n</sup> Rate

calculation Type as Percentage

10% → Enter

→ Again click "New cond<sup>n</sup>" → c-Type REA1 Reb. Accrual → Percentage 6%

Enter

Cond <sup>n</sup> Type	Descript <sup>n</sup>	calculat <sup>n</sup> Type	cond <sup>n</sup> Rate
RES1	Rebate	Percentage	10%
REA1	Rebate Accruals	Percentage	6%

← This will keep aside

→ select RES1 line & click on "New scale level" → we will get one more line

→ goto Business Volume selection Criteria TAB then mention

→ click "New Line"

Scale	Unit
<span style="border: 1px solid black; padding: 2px;">3,00,000</span>	<span style="border: 1px solid black; padding: 2px;">INR</span>

Double click on customer 0001 field combinat<sup>n</sup>

mention customer NO. 81 → Enter

→ Again click on "New line" → Double click on material 0000 material

→ goto Settlement Calendar TAB mention. VAXINE6600

click on "New Line"


Goto Settlement Data TAB

mention settlement Date. 11/15/2019 End Date

settlement Date Type Final Settlement

mention settlement material VAXINE6600

& click on "continue"

→ finally click on "Release"  → Then we will get

→ finally save it. "contract is Active"

we will get message ["Document 2000000034 was saved"]

② Process → Order → Vaxine6600 → 200 Qty & Save  
 Delivery → do PGI  
 Invoice → Acczuals C-Types. - 12000/-  
 + 12000/-  
 ⇒ Total Acczuals: [12000+6000=18000/-]

⇒ After creating (condition) Contract ⇒  
 ⇒ create some Invoices ⇒

- ① create Order VA01 material Qty check Analysis  
 customer 81 Vaxine6600 100 dont get Acczuals.
- ② Do Delivery VL01N  
 → do picking → & do PGI.
- ③ Do Invoice VF01  
 → goto cond<sup>n</sup> TAB → check Acczuals C-Type REA1 & Save it  
 → Then goto VF02 Ac doc generated -6000/-  
 +6000/-  
 → We maintain Acczuals Two Times, So it will Nullified, Do one more process

④ The T-code for final settlement is WB2R\_SC  
 mention The settlement Date 11/15/2019 as per our contract  
 mention cond<sup>n</sup> Contract No. 2000000034  
 Run Type Live Run &  
 → Execute (Then we will get settlement messages)  
 → settlement Document generated Doc No. 7000000019

⑤ The T-code to see the settlement Document WZR2  
 ⇒ settlement Document. 7000000019 Press F4  
 mention Contract No. Then we will get.

→ Enter

→ Then we will get settlement Amount

Gross credit memo Amount 30,000/- ⊕ TAX

Net credit memo Amount 30,000/-

Then goto Analysis status

→ conditions sales TAB

→ & check All Rebate C-Types

"Is it right or not?"

## ⑦ Settlement Management with Customized Configuration ⇒

### ① Create Condition Tables ⇒

→ create cond<sup>n</sup> Table with the combination of sales organization & "customer".

Path "condition contract"

SPRO → Logistic-general → settlement management

→ Basic Settings → Pricing → sales (SD) → Define condition Tables

→ Double click on create Condition Tables V/03

→ Enter → select combinat<sup>n</sup> [condition Contract / customer]

→ click on "generate" → enter → click on "yes"

→ Then click on "local object"

→ Table Name A515 has been saved.

### ② Define Access Sequence ⇒

→ Double click on maintain Access Sequence.

→ The standard Acc. Seq. for Rebate is RE01

Go to New entries.

Acc. Seq.	Descript <sup>n</sup>
MREB	Rebate Access Sequence.

Then select the Acc. seq. & Double click on "Accessed"

~~10~~ Goto New entries

No.	Table	Exclusive
<del>10</del>	515	<input type="checkbox"/>

Then select the "Table" & Double click on "fields"  
& Save it. (create Request No.)

⑧

### ③ Define Condition Types ⇒

→ Double click on maintain Condition Types

→ copy REA1 cond<sup>n</sup> Type

Rebate Accruals

85

→ mention use cond<sup>n</sup> Type **MACC** Rebate Accruals  
& Access seq. **MREB** **REA1**  
copy & save it. [if we want to maintain scale Basis  
as **B** value scale here]

Go back

→ copy **REA2** c-Type [Rebate Accruals Reversal]  
& mention cond<sup>n</sup> Type **MACR** Rebate Accruals  
Reversal. **REA2**

→ No Access Sequence.

copy & save it.

Go back.

→ copy **REAS** c-Type [Rebate Accruals Settlement]  
& mention cond<sup>n</sup> Type **MACS** Rebate Accruals  
settlement. **REAS**

→ No Access sequence.

→ copy & save it.

Go back.

→ copy **RES1** c-Type [Rebate]  
mention cond<sup>n</sup> Type **MREB** Rebate (RES1)  
Acc. seq. **MREB**

mention scale Basis as **C** quantity

Enter & save it.

Go back.

→ copy **RES2** c-Type [Rebate Partial settlement Reversal]  
mention cond<sup>n</sup> Type **MRER** Rebate partial settlement  
Reversal (RES2)

→ NO Access seq.

→ Enter & save it.

Country code is not mandatory (make it general) - don't maintain

Why Option? Plant is having country-based  
→ for different pricing structures

#### ④ Define Pricing Procedure ⇒

The standard procedure for Rebate is **A10005**

→ copy **A10005**

mention our own pricing proc. **MREBAT** → Enter

Step	Cond. Type	From	Man.	Stat.	Pri. Code	Subst.	Alt. Calc.	Alt. Cond.	Acc. Key
100	REBY		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	A	7			
200	MREB	100			A	1		214	0S1
300	MREB	<del>100</del>	<input checked="" type="checkbox"/>		A	3			0S1
399	Net Amount				A		2		
499	Gross Amount				A	9	4		Accruals
800	MACR		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		2			0S1
850	MACS			<input checked="" type="checkbox"/>		2	91		0S1
900	Effective Value					8	4		

If  $\downarrow$  save it.

We have three Rebate ① customer combinat<sup>n</sup> (1 case business if you will do then you will get this much Rebate), ② Rebate on a particular material (if you purchase this material this much, then do) like that..

We announce these Rebate to customer, but we will give you "Best Rebate"

#### ⑤ Define Document Schema group for settlement

Document Type ⇒

goto New Entries

Doc. schema group	Descript <sup>n</sup>
MR	Rebate

$\downarrow$  save it.

#### ⑥ Specify Pricing Procedure Determination ⇒

→ Double check pricing procedure determination for settlement document.

goto New entries

<del>Doc. schema group</del>	<del>Alt. Pri. Proc.</del>	<del>Pri. Proc. Cat.</del>
	2	REBAT

→ Define Customer Pricing Procedure ⇒

goto New Entries

Cust. Pri. Proc.	Description
MM	Rebate Cust. Pri. Proc.

save it.

goto New Entries

Document	Schema Group	Cust. Pri. Proc.	Country Code	settle. Pri. Proc. Cust
	MR	MM	IN	MREBAT
standard →	OT	MM	IN	MREBAT
	OV	MM	IN	MREBAT
	OU	MM	IN	MREBAT

Enter & save it.

⑦ create G/L Accounts for Rebates & Accruals ⇒

FS00

→ We take already created G/L Accounts

- for Rebate 121212
- for Accruals 141414

⑧ goto A/c Determination ⇒

- Revenue A/c Determination (SD)
- Assign G/L Accounts
- Double click on 005 Acc. Key Table

goto New entries.

App.	Cond. Ty	Char. Acc	Sales Org.	Acc. Key	Rebate G/L Acc.	Accruals Acc.
V	KORS	INT	MH11	0S1	121212	141414
V	KOFI	INT	MH11	0S1	121212	141414
V	KOFI	INT	MH11	ERU	141414	141414
V	KOFI	INT	MH11	ERL	8,00000	

⑨ goto Sales Pricing Procedure. V/08

goto New entries

Proc.	Description
MH222	Alkem Pricing Procedure ②

select procedures Double click on "Control Data".

goto New entries

step	Cond. Ty	from	To	stat	Subst.	Req.	Accty	Acce.
10	PR00				A	2	ERL	
200	Rebate Basis	10	99	□	7	3		
300	M ACC	200		□		24		ERU



⑩ Assign sales pricing procedure ⇒

T-code **OVKK**

Sales Org.	Dist ch.	Div	Doc Per. Pro.	Cust Per. Pro.	Pric. Proce.	Cond <sup>n</sup> Type
MH11	MA	MA	A	MM	MH2222	PRE0

Enter & Save it.

⑪ Sales ⇒

① specify cc determination Relevance & copy control for condition Types ⇒

Path

SPRO → Logistics-General → Settlement Management  
 → Cond<sup>n</sup> Contract Management → Cond<sup>n</sup> Contract Conditions  
 → sales → specify cc determination Relevance & copy control for condition Types

goto use cond<sup>n</sup> Type **MREB**

→ check  "Relevant for cc determination"

→ By default it will we will get. becoz we copy from standard

⑫ Define condition Type Groups ⇒

→ the standard cond<sup>n</sup> Type Group is **MS01**

goto New entries

C-Type Group	Descr.
MS01	Rebate Condition Type Group

save it.

⑬ Assign Cond<sup>n</sup> Types to Cond<sup>n</sup> Types Groups ⇒

goto New entries

Cond Type Group	Usage
MS01	<input checked="" type="checkbox"/> Cond <sup>n</sup> contract No. must Appear in Acc Seq.

→ Then ~~see~~ select cond<sup>n</sup> Type Group & double click as condition Types for Group.

New entries

counter	cond <sup>n</sup> Type	Table No.
10	MREB	515
20	MACC	515

Enter & save it

⑫ Go back. → Condition Contract Settlement →

Go to Condition Contract Settlement →

→ Define & configure cond<sup>n</sup> Type Groups for Accruals

Go to New entries

C.Type. group. Accruals	Text
MS01	Sales Rebate

 Enter

→ select this & double click on "Condition Types for Group"

Go to New entries.

APP	C-Type	Target C-Type
V	MACC	MACR

 Enter & Save it.

Go back.

~~specify settlement settings for condition contract Types.~~

The standard cond<sup>n</sup> contract Type for Rebates is

0S01

→ copy 0S01

⑬ → Condition Contract management

→ Condition Contract Maintenance

→ Define condition Contract Types

→ The standard cond<sup>n</sup> contract Type for Rebates is

0S01

[I think 0S01] check it.

→ copy 0S01 ~~edit~~ cond<sup>n</sup> contract Type.

→ mention ~~set~~ MSS1

→ cond<sup>n</sup> contract Typ MSS1 Sales Rebate

→ change cond<sup>n</sup> Type Group MS01

(This is Link)

save it

Delta Accruals means Retroactive

#### ⑭ Goto condition ~~settlement~~ Contract Settlement

→ specify settlement settings for condition contract Types

→ goto the cond<sup>n</sup> contract Type **MS1** → select it & → goto "Details".

→ change cond<sup>n</sup> Type Reverse Partial settlement **MRER**

→ change cond<sup>n</sup> Type ~~group~~ Accruals from settlement **MACS**

→ change cond<sup>n</sup> Type for Delta Accruals **MACC**

→ ~~save it~~ change cond<sup>n</sup> Type group for Accruals **MS01**  
→ & save it.

#### ⑮ Goto Settlement Management →

##### ① → settlement documents ~~Types~~

→ settlement Document Types → All Document Types

→ The standard settlement Document Type **0S12**

→ copy **0S12** std Doc. Type

→ mention your settlement Doc. Type **MS12**

~~change~~

**Sales Rebate Credit**

→ change document schema group **MR**

→ & save it. **"Rebate"**

##### ② Goto settlement process

##### ① → Define settlement process Types.

The standard settlement process Type for Rebate is **0S10**

→ copy **0S10** settlement process Type

→ & mention our settlement process Type **MS10** sales Rebate

→ change settlement Document Type **MS12**  
save it.

ii) Allowed combinations settlement process Type / Settlement Document Type =>

goto New entries

settle Process Type	settlement Doc. Type
ms10	ms12

Save it.

Go back,

16) condition Contract Management.

-> goto condition Contract settlement.

-> specify settlement settings for condition Contract Types

-> select we condition contract Type. mss1

-> goto "Details."

-> Assign.

In Customer settlement

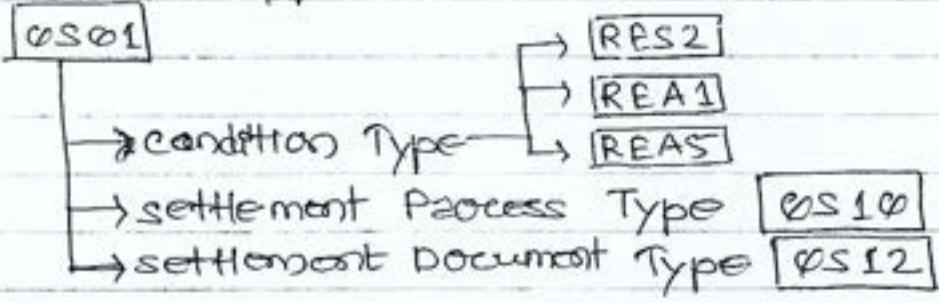
settlement process type ms10

settlement Document type ms12

Save it.

Important configurations (we have to check)

1) condition Contract Type



2) Define condition Contract Type 0S01

↳ sales condition type group 0S01

③ settlement Doc. Type [ØS12]

↳ Doc. Type schema group [ØS]

④ Define settlement Process Type [ØS1Ø]

↳ settlement Doc. Type [ØS12]

⑤ Allowed Process Type Combination settlement Process Type [ØS1Ø] → settlement Doc. Type [ØS12]

---

### Process

① Create [BP]

→ click on "organization"

→ mention BP Role [FLCUØØ] Grouping [ØØØ1]

→ click on "create".

~~create cond~~ & ~~create contract~~

code [WØØØØ]

~~click on create~~ → Goto [Address] TAB

mention Name [Rebate Customer own Config.]

search term [REB]

Postal code [1ØØØØ5] [Mumbai]

Country [IN] Region [13]

Time Zone [INDIA] language.

→ Goto [Company code] TAB

comp. code [MH11]

Reconciliation A/c [14Ø,ØØØ]

& save it.

Then we will get BP NO - [83] &

Customer NO - [83]

→ Then Extend this **BP** to **SD** Role **FLCU01**

goto change mode, &

mention **BP** Role **FLCU01** **SD**

→ goto **Sales & Distribution** TAB

Sales org. **MH11**

Dist. chan **MA**

Div **MA** → Enter

→ goto **Orders** TAB

sales Distict **000001**

Price group **01**

\* customer Pricing Procedure **MM**

Price List **01**

\* Relevant for settlement management

→ goto **Shipping** TAB

→ goto **Billing** TAB

Delivery Priority **01**

→ Rebate

Delivering plant **MH11**

Incoterms **CIF** **Mumbai**

shipping cond<sup>n</sup> **01**

Payment terms **0001**

A/c Assg Group Cust. **01** TAX **1**

→ & finally Save it.

## ② Create Condition Contract ⇒

T-code **WCOCO**

→ click on "create"

· mention condition contract Type **MSS1**

→ click on "continue".

→ mention

customer NO **83**

valid from **10/20/2019** TO **11/20/2019** → Enter

→ Goto **Sales** TAB

sales org. **MH11**

Dist chan **MA** Div **MA** → Enter

→ we will get our cond<sup>n</sup> table V 515 cond contract / customer

Then Below

→ click on "New Condition"

mention

C-Type	customer	calculat <sup>n</sup> Type	Cond. Rate
MREB	83	Percentage	10%

 → Enter

→ Then select line & click on "scales"

Then we will get one more line

scales	Unit	Scale Basis
200	BT	Quantity @ scale

 → Enter

→ Again click on "New condition"

mention

C-Type	customer	calculat <sup>n</sup> Type	Cond <sup>n</sup> Rate
MACC	83	Percentage	6%

 → Enter

→ Goto Business Volume Selection Criteria TAB

→ click on "New Line"

→ Double click on 0001 customer

↳ mention customer NO 83 → Enter.

→ Again click on ~~mate~~ "New Line"

→ Double click on 0009 material

↳ mention material VAXINE6600 → Enter

→ Goto Settlement Data TAB

→ mention settlement material VAXINE6600 → Enter

→ Goto Settlement Calendar TAB

→ click on "New Line"

mention settlement date 11/20/2019 End Date

settlement date type Final Settlement

→ click on "continue".

- finally click on **Release**
- Then we will get **Contract is Active**
- finally 'Save it'.
- Then we will get message  
["Document **2000000042** was saved"]

### ③ Create Transactions. →

#### ① # create order **VA01**

customer **83** material **varine6600** qty **150**

→ Here we don't get Accruals c-type **condition** TAB save it.

#### # create Delivery **VL01N**

→ do Picking → do **PGI**

#### # create Invoice **VF01**

→ Here we will get Accruals C-Type **TRACC** check it & Save it  
Goto change mode **VF02**

Here we will get Accruals Amount two Time - 9000/-  
+ 9000/-  
It will help to nullify the Account.

#### ② # Create one more order

customer **83** material **varine6600** qty **50** save it

#### # → create Delivery

do Picking & do PGI

# create Invoice. **VF01** & **VF02** & check - 30000/-  
Accruals + 30000/-

### ④ Final Settlement → T-code **WB2R\_SC**

mention, Settlement Date **11/20/2019** as per our Contract.

condition Contract No. **2000000042**

Run Type **Live Run**

get & Execute. **7000000020**

[we will get settlement messages, Settlement Document generated.]

### ⑤ To see Settlement Document → T-code **WZR2**

settlement Document **7000000020** **F4** mention contract No.

we will get settlement Amount

Gross Credit memo Amount **20,000** INR

Net Credit memo Amount **20,000**

Then goto **Analysis Status**

→ goto **condition** TAB

→ & check it. **96**



# LTMC

"Legacy Transfer Migration Cockpit"

LTMC is a tool which will help to upload the data from Legacy to SAP (S/4 HANA).

→ It's a functional tool.

T-code LTMC

→ click on more information

→ & click on Go on to the webpage  
(Not Recommended)

mention

click on "create"

Mention

Name

Default View On Premise

& click on create.

click on customer

After this step

goto T-code LTMM

In LTMM, we control the fields which is mandatory / optional / invisible / etc.

mention your project

Double click on "source structure".

Go to change mode

In General Data  
click on

click on Right click

other than 1st one

make all

Then click on Generate Runtime Objects →

Then click on download Template  
→ click on open → Allow

→ first save  
file name  
save as type

goto General Data



# BRF⊕

"Business Rule Framework plus"

- This functionality can be use for "Billing Output" [optional]
- If clients want to use BRF⊕ functionality,
- Then we have to activate this for "Billing Document"
- If. This is not activated then system will determine output based on "NACE"

## ① Activate BRF⊕ for Billing Output ⇒ for SD

[Path] Configurations ⇒

- SPRO → Cross-Application Components → Output control → Manage Application object Type Activation
- goto Billing Document object Type **BILLING\_DOCUMENT** mention status **1 Application Active** & saved it.
- [~~If we~~ Even If we Activate all, Result will not come.]

## # Activate BRF⊕ for output for Purchase Order ⇒

[Path]

for MM

- SPRO → materials management → Purchasing
- Purchase order → Activate OR/ Deactivate SAP S/4 HANA - Based Output management.
- Mode **02 New Output management is active**
- ③ & save it.

## ② Define Output Types ⇒ [The Table is cross-client]

→ The standard output Type for Billing Document is **BILLING\_DOCUMENT**

Goto New entries.

App. object Types	<b>BILLING_DOCUMENT</b>	Billing Document
output Type	<b>MRD00</b>	Billing Doc. Output Type New
callback class	<b>CL-BILLING-OUTPUT-CONTROL</b>	

Enter & Save it.

### ③ Assign Output channels ⇒

~~chan~~ → ~~channels~~

→ Output channels means, Email, Printout, IDOC, XML.  
goto New entries

App. Object	Output Type	channel
BILLING_DOCUMENT	MRD00	PRINT

→ You can mention one more channel like [Email] save it.

### ④ Define Rules for Determination of master form Templates ⇒

goto New entries.

Rule ID [MH11]

Number [1]

organization Type [COMPANY]

organization Type ID [MH11] comp. code

org. Unit Type [VKORG]

org. Unit ID [MH11] sales org.

channel [PRINT]

sender country [IN]

form Template [SDBIL\_CI\_STANDARD\_DE] std.

Master Form Template [SOMU\_FORM\_MASTER\_A4] std.

& save it

Paper size [A4]

### ⑤ Assign form Template ⇒

~~Mention~~ goto New entries

with fragments [Not OK]

App. Object Type	Output Type	form Type	Form Template ID
BILLING_DOCUMENT	MRD00	2 pdf-based Printform (legacy)	SDBIL_CI_STANDARD_DE
Programm		form Routine	
SD_INVOICE_PRINT01		ENTRY	

Enter & save it.

→ PDF will not work here, only we can see output of Billing.  
→ for forms & form Template, we need to take help from Abaker & see the Results

⑥ Define Business Rules for output Determination  
mention

User ID

Mention

show Rules for Billing Documents  
Determination output Type

goto Edit mode

Then goto Table

goto Insert Column

click on from context

→ select Billing Type

click on OK





## SKILL set for Migration Project

- ① configured CVI
- ② migrated customer to BP
- ③ configured credit management
- ④ configured settlement management
- ⑤ configured BRF⊕ for Billing Document } optional
- ⑥ migrated condition master
- ⑦ migrated credit master

T-code /n/u12/flp for for. time App.