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English

Material Related Sample Master Data for EWM [Local] (BL9)

Building Block Configuration Guide

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Revision	Change Date	Description
0		

Only add a revision when corrections are made to a published document. Do not change the original published date. Set back to revision 0 after a full upgrade of the BB.

Icons

Icon	Meaning
	Caution
	Example
	Note
	Recommendation
	Syntax

Typographic Conventions

Type Style	Description
<i>Example text</i>	Words or characters that appear on the screen. These include field names, screen titles, pushbuttons as well as menu names, paths and options. Cross-references to other documentation.
Example text	Emphasized words or phrases in body text, titles of graphics and tables.
EXAMPLE TEXT	Names of elements in the system. These include report names, program names, transaction codes, table names, and individual key words of a programming language, when surrounded by body text, for example, SELECT and INCLUDE.
Example text	Screen output. This includes file and directory names and their paths, messages, source code, names of variables and parameters as well as names of installation, upgrade and database tools.
EXAMPLE TEXT	Keys on the keyboard, for example, function keys (such as F2) or the ENTER key.
Example text	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example text>	Variable user entry. Pointed brackets indicate that you replace these words and characters with appropriate entries.

Content

1	Purpose	6
2	Preparation	6
2.1	Prerequisites	6
2.2	Supported Deployments.....	6
3	Configuration	6
3.1	Create Material Master Records (Trading Goods).....	6
3.1.1	Sales: Sales Org. 1	8
3.1.2	Sales: Sales Org. 2	8
3.1.3	Sales: General/Plant	8
3.1.4	Foreign Trade Export	9
3.1.5	Sales Text	9
3.1.6	Purchasing	9
3.1.7	Foreign Trade Import	9
3.1.8	Purchase Order Text.....	9
3.1.9	MRP 1	9
3.1.10	MRP 2	10
3.1.11	MRP 3	10
3.1.12	MRP 4	10
3.1.13	Plant Data / Stor. 1.....	10
3.1.14	Plant Data / Stor. 2.....	10
3.1.15	Accounting 1	10
3.1.16	Accounting 2	11
3.2	Extend Material Master Records (Trading Goods)	11
3.3	Create Packaging Material.....	12
3.3.1	Sales: Sales Org. 1	13
3.3.2	Sales: Sales Org. 2	13
3.3.3	Sales: General/Plant	13
3.3.4	Foreign Trade Export	14
3.3.5	Sales Text	14
3.4	Create Purchasing Info Record.....	15
3.4.1	General Data.....	15
3.4.2	Purch. Organization Data 1	16
3.5	Create Pricing Conditions	16
4	Manual Build Steps	17

Material Related Sample Master Data for EWM [Local]: Configuration Guide

1 Purpose

The purpose of this document is to describe the general configuration steps required to manually set up the configuration within the system landscape that has already been installed using the corresponding installation or configuration guides for installation.

If you want to install SAP S/4HANA locally (on-premise) and if you do not want to configure manually and prefer an automated installation process using BC Sets and other tools, you can set up a best-practice client and activate the implementation content. For more information, see the *Administration Guide for the Implementation of SAP S/4HANA, on premise edition* which is linked in the content library (included in the documentation package).

2 Preparation

2.1 Prerequisites

Before you start installing this scenario, you must install the prerequisite building blocks. For more information, see the *Building Block Prerequisites Matrix*.

2.2 Supported Deployments

The configuration guide provides the implementation content for the SAP S/4HANA products:

- SAP S/4HANA – (OP) installed locally (on-premise), full scope and content coverage

Depending on the use case/deployment option/ S/4HANA product version, you need to implement the required scope/content starting with the Public cloud chapter and proceed with the next required sections.

- For the full scope of the on premise scope & content – PC and OP are required

3 Configuration

The following section describes the complete settings for this building block. These settings can be divided into three main groups:

- Prerequisite settings that have to be checked and which were delivered by SAP (as part of the standard delivery)
The term *Check* refers to these prerequisite settings.
- Settings defined by the customer (in the customer namespace and customer-specific):
The system uses automation to request individual customer settings during the personalization process. These settings can be initial or reused from existing SAP ERP layers and are indicated in the text by <your value>.
- Additional settings that need to be made, covered either by automation or manual configuration (in the customer namespace).

The term *Create* refers to these additional settings in the text.

3.1 Create Material Master Records (Trading Goods) Use

You create the material master records for necessary trading materials.

Procedure

Run this procedure for each of these materials:

Material Number
EWMS4-01
EWMS4-02
EWMS4-10
EWMS4-11
EWMS4-40
EWMS4-41
EWMS4-42

1. Access the activity as follows:

SAP Menu	<i>Logistics → Materials Management → Material Master → Material → Create (General) → Immediately</i>
Transaction Code	MM01

2. On the *Create Material (Initial Screen)* screen, enter:

Field name	User action and values	Comment
Material	<Material Number>	Refer to the <i>Material Number</i> table above.
Material Type	HAWA Trading Goods	

3. Choose  *Enter*.
4. On the *Select Views(s)* dialog box, select:

Sales: Sales Org. Data 1
Sales: Sales Org. Data 2
Sales: General/Plant Data
Foreign Trade: Export Data
Sales Text
Purchasing
Foreign Trade: Import Data
Purchase Order Text
MRP 1
MRP 2
MRP 3
MRP 4
General Plant Data / Storage 1
General Plant Data / Storage 2
Accounting 1

Accounting 2

5. Choose  *Continue*.
6. On the *Organizational Levels* dialog box, enter:

Plant	1710
Stor. Location	171D
Sales Org.	1710
Distr. Channel	10

7. Choose  *Continue*.

3.1.1 Sales: Sales Org. 1

8. In the *General data* section, create the following entries:

Field name	User action and values	Comment
Delivering Plant	1710	
Cash discount	X	Default

9. In the *Tax data* section, enter:

C...	Country	Ta...	Tax category	T...	Tax classification
US	USA	UTXJ	Tax Jurisdict.Code	1	Full tax

3.1.2 Sales: Sales Org. 2

10. In the *Grouping terms* section, create the following entries:

Field name	User action and values	Comment
Matl statistics grp	1	
Acct assignment grp	01	
Gen. item cat. grp	NORM	(Default)
Item category group	NORM	

3.1.3 Sales: General/Plant

11. In the *General data* section, enter:

Field name	User action and values	Comment
Availability check	SR	(Default) For individual requirements.

12. In the *Shipping data (times in days)* section, create the following entries:

Field name	User action and values	Comment
Trans. Grp	0001	On pallets

LoadingGrp	0002	Forklift
------------	------	----------

13. In the *General plant parameters* section, enter:

Field name	User action and values	Comment
Profit Center	YB110	

3.1.4 Foreign Trade Export

Creating the view is sufficient - go to the next tab.

3.1.5 Sales Text

14. Ignore message:  No text maintained; a blank text has been created in English automatically.

It is optional to enter a sales text that should appear on sales documents for this material.

15. Choose  Enter to go to the next tab.



Place the cursor out of the text field if you use the key  Enter/Return to reach the next tab.

3.1.6 Purchasing

16. In the *General Data* section, create the following entries:

Purchasing Group	001
------------------	-----

3.1.7 Foreign Trade Import

Creating the view is sufficient - go to the next tab.

3.1.8 Purchase Order Text

1. Ignore message:  No text maintained; a blank text has been created in English automatically.

It is optional to enter a purchase order text that should appear on purchasing documents for this material.

2. Choose  Enter to go to the next tab.



Place the cursor out of the text field if you use the key  Enter/Return to reach the next tab.

3.1.9 MRP 1

1. In the *MRP procedure* section, enter:

MRP Type	PD
MRP Controller	001

2. In the *Lot size data* section, enter:

Lot Sizing Procedure	EX
----------------------	----

3.1.10 MRP 2

1. In the *Procurement* section, enter:

Field name	User action and values	Comment
Procurement Type	F	(Default)
Storage loc. for EP	171S	

2. In the *Scheduling* section, enter:

Planned Deliv. Time	1
SchedMargin key	000

3.1.11 MRP 3

1. In the *Forecast Requirements* section, enter:

Field name	User action and values	Comment
Period Indicator	M	(Default)

2. In the *Availability check* section, enter:

Tot. repl. lead time	4
----------------------	---

3.1.12 MRP 4

Creating the view is sufficient - go to the next tab.

3.1.13 Plant Data / Stor. 1

1. In the *General data* section, enter:

Storage conditions	YE
--------------------	----

2. In the *Shelf life data* section, enter:

Field name	User action and values	Comment
Period Ind. for SLED	D	(Default)

3.1.14 Plant Data / Stor. 2

Creating the view is sufficient - go to the next tab.

3.1.15 Accounting 1

1. In the *General Valuation Data* section, enter:

Field name	User action and values	Comment
Valuation Class	3100	

2. In the *Prices and values* section, enter:

Field name	User action and values	Comment
<i>Prc. Ctrl</i>	V	(Default)
<i>Price Unit</i>	1	
<i>Standard Price</i>	10	

3.1.16 Accounting 2 Procedure

1. Creating the view is sufficient – proceed with the next step.
2. Choose  Save.



The system confirms that material <EWMS4-01> has been created.

3. Return to section 3.1 Create Material Master Records (Trading Goods) and repeat the sequence of activities until you have created all materials.

Result

The trading materials are created.

3.2 Extend Material Master Records (Trading Goods) Use

You must extend your material by additional storage locations for goods movement postings.

Procedure

Run this procedure for each of these materials:

Material Number
EWMS4-01
EWMS4-02
EWMS4-10
EWMS4-11
EWMS4-40
EWMS4-41
EWMS4-42

1. Access the activity as follows:

SAP Menu	<i>Logistics → Materials Management → Material Master → Material → Create (General) → Immediately</i>
Transaction Code	MM01

2. On the *Create Material (Initial Screen)* screen, create the following entries:

Field name	User action and values	Comment
------------	------------------------	---------

Material	<Material Number>	Refer to the <i>Material Number</i> table above.
Material Type	HAWA Trading Goods	

- Choose  *Enter*.
- In the *Select View(s)* dialog box, select views:

General Plant Data / Storage 1
General Plant Data / Storage 2

- Choose  *Continue*.
- In the *Organizational Levels* dialog box, create the following entries:

Plant	1710
Stor. Location	171S

- Choose  *Continue*.



You receive the following message:  The material already exists and will be extended.

- Choose  *Save*.



The system confirms that material <Material Number > has been created.

Result

The trading materials are extended for storage locations.

3.3 Create Packaging Material

Use

You create the material master records for necessary packaging materials.

Procedure

Run this procedure for each of these materials:

Material Number
EWMS4-CAR00
EWMS4-PAL00
EWMS4-PAL01
EWMS4-PALISU
EWMS4-STOCON00
EWMS4-WBTRO00

- Access the activity as follows:

SAP Menu	<i>Logistics → Materials Management → Material Master → Material → Create (General) → Immediately</i>
Transaction Code	MM01

- On the *Create Material (Initial Screen)* screen, create the following entries:

Field name	User action and values	Comment
Material	<Material Number>	See table "Material Number" above (directly under heading "Procedure").
Material Type	VERP Packaging	

- Choose  Enter.
- In the *Select Views(s)* dialog box, select the following views:

Sales: Sales Org. Data 1
Sales: Sales Org. Data 2
Sales: General/Plant Data
Foreign Trade: Export Data
Sales Text

- Choose  Continue.
- In the *Organizational Levels* dialog box, create the following entries:

Plant	1710
Sales Org.	1710
Distr. Channel	10

- Choose  Continue.

3.3.1 Sales: Sales Org. 1

- In the *General data* section, create the following entries:

Delivering Plant	1710
Cash discount	X

- In the *Tax data* section, create the following entries:

C...	Country	Ta...	Tax category	T...	Tax classification
US	USA	UTXJ	Tax Jurisdict.Code	0	No tax

3.3.2 Sales: Sales Org. 2

- In the *Grouping terms* section, enter:

Field name	User action and values	Comment
Gen. item cat. Grp	VERP	(Default)
Item category group	VERP	(Default)

3.3.3 Sales: General/Plant

- In the *General data* section, enter:

Field name	User action and values	Comment
Availability check	SR	For individual requirements

2. In the *Shipping data (times in days)* section, enter:

Field name	User action and values	Comment
Trans. Grp	0001	On pallets
LoadingGrp	0001	Crane

3. In the *Packaging material data* section, create the following entries:

Field name	User action and values	Comment
Packaging mat. type	<Packaging mat. type>	See table below.
Allowed pkg volume	<Allowed pkg volume>	See table below.
Volume unit (allowed packaging volume)	< Volume unit (allowed packaging volume)>	See table below.

Material Number	Packaging mat. type	Allowed pkg volume	Volume unit (allowed packaging volume)
EWMS4-CAR00	YN02		
EWMS4-PAL00	YN01		
EWMS4-PAL01	YN01		
EWMS4-PALISU	YN03		
EWMS4-STOCON00	YN03	100	L
EWMS4-WBTRO00	YN03		

4. In the *General plant parameters* section, enter:

Field name	User action and values	Comment
Profit Center	YB900	

3.3.4 Foreign Trade Export

Just create the view - go to the next tab.

3.3.5 Sales Text

- Ignore message:  No text maintained; a blank text has been created in English automatically.
It is optional to enter a sales text that should appear on sales documents for this material.
- Choose  Enter to go to the next tab.



Put the cursor out of the text field if you use the key  Enter/Return to reach the next tab.

3.4 Create Purchasing Info Record

Procedure

Run this procedure for each of these materials:

Material Number
EWMS4-01
EWMS4-02
EWMS4-10
EWMS4-11
EWMS4-40
EWMS4-41
EWMS4-42

1. Access the activity as follows:

SAP Menu	<i>Logistics → Materials Management → Purchasing → Master Data → Info Record → Create</i>
Transaction Code	ME11

2. On the *Create Info Record: Initial* screen, create the following entries:

Field name	User action and values	Comment
<i>Vendor</i>	EWMI7-SU01	
<i>Material</i>	<Material Number>	Refer to the <i>Material Number</i> table above.
<i>Purchasing Org.</i>	1710	
<i>Info category</i>	Standard	

3. Choose  *Enter*.

3.4.1 General Data

4. On the *Create Info Record: General Data* screen, in the *Purchase Order Unit of Measure* section, create the following entries:

Field name	User action and values	Comment
Order Unit	CAR	For EWMS4-01
	CAR	For EWMS4-02
	PC	For EWMS4-10 (already proposed as default)
	PC	For EWMS4-11 (already proposed as default)
	CAR	For EWMS4-40
	CAR	For EWMS4-41

	PC	For EWMS4-42 (already proposed as default)
--	----	--

5. Choose  Enter.
6. If you receive message:  Conversion factor replaced by one already defined, choose  Enter.
7. If you receive message:  Please check units of measure and conversion factor, choose  Enter.
8. Proceed with the next section.

3.4.2 Purch. Organization Data 1

9. On the *Create Info Record: Purch. Organization Data 1* screen, in the *Control* section, create the following entries:

Field name	User action and values	Comment
Pl. Deliv. Time	1	Days
Purch. Group	002	
Standard Qty	1	
Conf. Ctrl	0004	Inbound Delivery
GR-Bsd IV	X	
Incoterms	EXW	
Inco. Location1	Site	

10. In the *Conditions* section, enter:

Net Price	10	USD	/	1	PC
-----------	----	-----	---	---	----

11. Choose  Enter.
12. If you receive message:  Conversion factor replaced by one already defined, choose  Enter.
13. If you receive message:  Please check units of measure and conversion factor, choose  Enter.
14. Choose  Save.
15. If you receive message:  Purchasing info record <5300000XXX 1710> created, continue with the next material.

3.5 Create Pricing Conditions

Procedure

1. Access the activity as follows:

SAP Menu	Logistics → Sales and Distribution → Master Data → Conditions → Select Using Condition Type → Create
-----------------	--

Transaction Code	VK11
-------------------------	------

2. On the *Create Condition Records* screen, create the following entries:

Field name	User action and values	Comment
Condition type	PPR0	Price

3. Choose  Enter.
4. On the *Create Price Condition (PPR0): Fast Entry* screen, create the following entries:

Sales Organization	1710
Distribution Channel	10

5. In the *Material with release status* section, create the following entries:

Material Number	Status	Description	Proc. Stat	Amount	Unit	per	UoM
EWMS4-01				15	USD	1	PC
EWMS4-02				15	USD	1	PC
EWMS4-10				15	USD	1	PC
EWMS4-11				15	USD	1	PC
EWMS4-40				15	USD	1	PC
EWMS4-41				15	USD	1	PC
EWMS4-42				15	USD	1	PC

6. Choose  Save.



The system confirms that condition records were saved.

4 Manual Build Steps

Some settings cannot automatically be transported between systems or clients. In these cases, you either transport the settings manually, if possible, or make the settings in the target system or client.

For the configuration activities described in this document, no manual build steps are required.