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English

Material, Sample Master Data for EWM (BL5)

Building Block Configuration Guide

SAP SE
Dietmar-Hopp-Allee 16
69190 Walldorf
Germany

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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	Material Master	7
3.1.1	Create Material Master Records (Trading Goods)	7
3.1.2	Create Packaging Material	12
4	Manual Build Steps	14

Material, Sample Master Data for EWM: 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. 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). 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 Material Master

3.1.1 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	Trading Goods	

3. Choose  *Enter*.

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

Basic Data 1
Basic Data 2

5. Choose *Enter*.

3.1.1.1 Basic Data 1

6. On the *Create Material <EWMS4-01> (Trading Goods)* screen, in the *Basic data 1* tab, enter the row according to your material:

Material	Material Description (Short Text)
EWMS4-01	Small Part, Slow-Moving Item
EWMS4-02	Small Part, Fast-Moving Item

EWMS4-10	Large Part, Slow-Moving Item
EWMS4-11	Large Part, Fast-Moving Item
EWMS4-40	Product for Bulk Storage A, Short Lane
EWMS4-41	Product for Bulk Storage A, Long Lane
EWMS4-42	Product for Bulk Storage B

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

Field name	User action and values	Comment
Base Unit of Measure	PC	
Material Group	L001	
Division	00	
GenItemCatGroup	NORM	

8. Choose  *Additional Data*.
9. On the *Create Material <EWMS4-01> (Trading Goods)* screen, Navigate to tab *Units of measure*.
10. On the *Create Material <Material Number> (Trading Goods)* screen, check or create the following settings:

3.1.1.1.1 Units of Measure/EANs/Dimensions: EWMS4-01

11. In the *Units of measure/EANs/dimensions* section, enter for Material **EWMS4-01**:

X	AUn	Y	BUn	EAN/UPC	Ct	Length	Width	Height	Unit of Dimension	Volume	VolumeUnit	Gross Weight	Net Weight	Weight unit
1	PC	1	PC			20	20	20	CM	8	L	18	18	KG
1	CAR	6	PC	9783836214230	HE									
1	PAL	48	PC											

12. Choose  *Enter*.
13. Choose  *Main Data*.
14. On the *Basic data 1* tab, in the *Dimensions/EANs* section, make sure the volume was calculated correctly:

Volume	8	Volume Unit	L
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15. Continue with section "3.1.1.2 Basic Data 2".

3.1.1.1.2 Units of Measure/EANs/Dimensions: EWMS4-02

16. In the *Units of measure/EANs/dimensions* section, enter for Material **EWMS4-02**:

X	AUn	Y	BUn	EAN/UPC	Ct	Length	Width	Height	Unit of Dimension	Volume	VolumeUnit	Gross Weight	Net Weight	Weight unit
1	PC	1	PC			10	10	30	CM	3	L	4	4	KG
1	CAR	8	PC	9783836218122	HE									
1	PAL	192	PC											

17. Choose  Enter.

18. Choose  Main Data.

19. On the *Basic data 1* tab, in the *Dimensions/EANs* section, make sure the volume was transferred correctly:

Volume	3	Volume Unit	L
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20. Continue with section 3.1.1.2 Basic Data 2".

3.1.1.1.3 Units of Measure/EANs/dimensions: EWMS4-10

21. In the *Units of measure/EANs/dimensions* section, enter for Material **EWMS4-10**:

X	AUn	Y	BUn	EAN/UPC	Ct	Length	Width	Height	Unit of Dimension	Volume	VolumeUnit	Gross Weight	Net Weight	Weight unit
1	PC	1	PC	9781592292868	HE	40	120	30	CM	144	L	225	225	KG
1	PAL	4	PC											

22. Choose  Enter.

23. Choose  Main Data.

24. On the *Basic data 1* tab, in the *Dimensions/EANs* section, make sure the volume was transferred correctly:

Volume	144	Volume Unit	L
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25. Continue with section "3.1.1.2 Basic Data 2".

3.1.1.1.4 Units of Measure/EANs/Dimensions: EWMS4-11

26. In the *Units of measure/EANs/dimensions* section, enter for Material **EWMS4-11**:

X	AUn	Y	BUn	EAN/UPC	Ct	Length	Width	Height	Unit of Dimension	Volume	VolumeUnit	Gross Weight	Net Weight	Weight unit
1	PC	1	PC	9781592294091	HE	50	30	90	CM	135	L	150	150	KG
1	PAL	6	PC											

27. Choose  Enter.

28. Choose  Main Data.

29. On the *Basic data 1* tab, in the *Dimensions/EANs* section, make sure the volume was transferred correctly:

Volume	135	Volume Unit	L
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30. Continue with section "3.1.1.2 Basic Data 2".

3.1.1.1.5 Units of Measure/EANs/dimensions: EWMS4-40

31. In the *Units of measure/EANs/dimensions* section, enter for Material **EWMS4-40**:

X	AUn	Y	BUn	EAN/UPC	Ct	Length	Width	Height	Unit of Dimension	Volume	VolumeUnit	Gross Weight	Net Weight	Weight unit
1	PC	1	PC			16	20	16	CM	5	L	1	1	KG
1	CAR	10	PC	9781592294121	HE									
1	PAL	360												

32. Choose  Enter.

33. Choose  Main Data.

34. On the *Basic data 1* tab, in the *Dimensions/EANs* section, make sure the volume was transferred correctly:

Volume	5	Volume Unit	L
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35. Continue with section "3.1.1.2 Basic Data 2".

3.1.1.1.6 Units of Measure/EANs/dimensions: EWMS4-41

36. In the *Units of measure/EANs/dimensions* section, enter for Material **EWMS4-41**:

X	AUn	Y	BUn	EAN/UPC	Ct	Length	Width	Height	Unit of Dimension	Volume	VolumeUnit	Gross Weight	Net Weight	Weight unit
1	PC	1	PC			14	18	14	CM	3	L	1	1	KG
1	CAR	1	PC	9781592294497	HE									
1	PAL	4	PC											

37. Choose  Enter.

38. Choose  Main Data.

39. On the *Basic data 1* tab, in the *Dimensions/EANs* section, make sure the volume was transferred correctly:

Volume	3	Volume Unit	L
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40. Continue with section "3.1.1.2 Basic Data 2".

3.1.1.1.7 Units of Measure/EANs/dimensions: EWMS4-42

41. In the *Units of measure/EANs/dimensions* section, enter for Material **EWMS4-10**:

X	AUn	Y	BUn	EAN/UPC	Ct	Length	Width	Height	Unit of Dimension	Volume	VolumeUnit	Gross Weight	Net Weight	Weight unit
1	PC	1	PC	9781592293858	HE	50	30	90	CM	135	L	150	150	KG
1	PAL	6	PC											

42. Choose  Enter.

43. Choose  Main Data.

44. On the *Basic data 1* tab, in the *Dimensions/EANs* section, make sure the volume was transferred correctly:

Volume	135	Volume Unit	L
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45. Continue with section "3.1.1.2 Basic Data 2".

3.1.1.2 Basic Data 2

46. Navigate to tab *Basic Data 2*.



Simply creating the view is sufficient

47. Choose **Save** (CTRL+S).

3.1.2 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	Material Description (Short Text)
EWMS4-CAR00	EWM Default Carton with SSCC generation
EWMS4-PAL00	EWM Default Pallet with SSCC generation
EWMS4-PAL01	EWM US Pallet with SSCC generation
EWMS4-PALISU	EWM Pallet Init. Stock Upload (no SSCC#)
EWMS4-STOCON00	EWM Default Storage Container / Box
EWMS4-WBTRO00	EWM Default Wire Basket Trolley

1. Access the activity as follows:

SAP Menu	Logistics → Materials Management → Material Master → Material → Create (General) → Immediately
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>	See table "Material Number" above (directly under heading "Procedure").
Material Type	VERP Packaging	

3. Choose  *Enter*.

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

Basic Data 1
Basic Data 2
WM Execution
WM Packaging

5. Choose  *Continue*.

3.1.2.1 Basic Data 1

6. In the *General Data* section, check or create the following entries:

Field name	User action and values	Comment
Description	<Material Description (Short Text)>	See table above.

Base Unit of Measure	PC	
GenItemCatGroup	VERP	(Default)

7. Choose  *Additional Data*.
8. On the *Create Material <Material Number> (Packaging)* screen, navigate to tab *Units of measure*.
9. In the *Units of measure/EANs/dimensions* section, check the following entry existing for Packaging Material **EWMS4-XXXX**:

X	AUn	Y	BUn	EAN/UPC	Ct	Length	Width	Height	Unit of Dimension	Volume	VolumeUnit	Gross Weight	Net Weight	Weight unit
1	PC	1	PC											

10. In the *Units of measure/EANs/dimension* section, make the following entries:

Field name	User action and values	Comment
Weight unit	KG	For all packaging materials
Gross Weight	15 15 15	For: EWMS4-PAL00 EWMS4-PAL01 EWMS4-PALISU
Net Weight	15 15 15	For: EWMS4-PAL00 EWMS4-PAL01 EWMS4-PALISU

11. Choose  *Enter*.
12. Choose  *Main Data*.

3.1.2.2 Basic Data 2

13. Navigate to tab *Basic Data 2*.



Simply creating the view is sufficient

14. Choose **Save** (CTRL+S).

3.1.2.3WM Execution Procedure

15. Navigate to tab *WM Execution*.
16. Choose  **Save**.

3.1.2.4WM Packaging

17. Navigate to tab *WM Packaging*.

18. In the *General Packaging* section, create the following entries:

Field name	User action and values	Comment
HUTyp	<HU Typ>	See table below.

Material Number	HUTyp	Comment
EWMS4-CAR00	YN02	EWM Carton/Box
EWMS4-PAL00	YN01	EWM Pallet
EWMS4-PAL01	YN03	EWM US Pallet
EWMS4-PALISU	YN01	EWM Pallet
EWMS4-STOCON00	YN00	EWM Standard HU Type
EWMS4-WBTRO00	YN00	EWM Standard HU Type

19. Choose  Save.

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.

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