

SAP S/4HANA
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English

Extended Master Data for EWM [Local] (BLW)

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.

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Extended 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 Master Data

3.1.1 Activate Application Log Use

In order to be able to better analyze technical problems within the application, you can activate application logs which you later review in case of unexpected issues.

Procedure

1. Access the activity as follows:

SAP Menu	<i>Logistics → SCM Extended Warehouse Management → Extended Warehouse Management → Settings → Application Log → Activate Application Log</i>
Transaction Code	<i>/SCWM/ACTLOG</i>

2. On the *Display View "Activate Application Log for EWM Applications"*: Overview screen, choose  *Display → Change (Ctrl+F1)*.
3. Choose *New Entries* and create the following entries for Whse No. 1710

Subobject	User	Sub-object text	Log Active	No Info.	Validity
WHOEXCLOG		Warehouse Order: Exception Log	4 Additional Information	[]	
WHOLOG		Warehouse Order: Log	4 Additional Information	[]	
WHS_TASK		Warehouse Task	4 Additional Information	[]	

4. Choose  Save.

3.1.2 Set up Control Parameters for Warehouse Order Creation

Procedure

1. Access the activity as follows:

SAP Menu	<i>Logistics → SCM Extended Warehouse Management → Extended Warehouse Management → Settings → Warehouse Order → Set up Control Parameters for Warehouse Order Creation</i>
Transaction Code	<i>/SCWM/WOLOG</i>

2. On the *Display View "Warehouse Number Level"*: Overview screen, choose  *Display → Change*.
3. On the *Display View "Warehouse Number Level"*: Overview screen, in the *Warehouse Number Level*, select this row:

Warehouse Number	Description	Log
1710	Warehouse Cross Industries	[]

4. Change that entry as follows:

Log
[X]

5. Choose  Save.

3.1.3 Generate Storage Bins with Template

Procedure

1. Access the activity as follows:

SAP Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Storage Bin → Generate Storage Bins
Transaction Code	/SCWM/LS10

- In the *Determine Work Area: Entry* dialog box, enter 1710 in the *Warehouse Number* field
 - Choose *Continue*.
- Remark: This dialog box might not always appear.
- On the *Generate Storage Bins* screen, select first template – SqNo. 001.
 - In the following steps you will go through all templates one after the other:

Whse No.	SqNo.	St. Type	St. Section	St. Bin Type	Bin Access Type	St. Group	Comment
1710	001	Y011	YS01	YNGB	YHL1	YG01	Number of bins: 60 Y011 Narrow Aisle Storage (NA), Aisle 01, Fast Movers
1710	002	Y011	YS01	YNGB	YHL1	YG02	Number of bins: 60 Y011 Narrow Aisle Storage (NA), Aisle 02, Fast Movers
1710	003	Y011	YS02	YNGB	YHL1	YG01	Number of bins: 60 Y011 Narrow Aisle Storage (NA), Aisle 01, Slow Movers
1710	004	Y011	YS02	YNGB	YHL1	YG02	Number of bins: 60 Y011 Narrow Aisle Storage (NA), Aisle 02, Slow Movers
1710	005	Y021	YS02	YMDF	YHR1		Number of bins: 180 Y021 Mezzanine, Slow Movers (Left Side)
1710	006	Y021	YS01	YMDF	YHR1		Number of bins: 120 Y021 Mezzanine, Fast Movers (Left Side)
1710	007	Y021	YS01	YMDF	YHR1		Number of bins: 120 Y021 Mezzanine, Fast Movers (Right Side)
1710	008	Y021	YS02	YMDF	YHR1		Number of bins: 180 Y021 Mezzanine, Slow Movers (Right Side)
1710	009	Y041	YS00	YB01	YLL1		Number of bins: 8 Bulk Storage A, Short Lane Bins
1710	010	Y041	YS00	YB02	YLL1		Number of bins: 4 Y041 Bulk Storage A, Long Lane Bins

1710	011	Y042	YS00	YB01	YLL1		Number of bins: 8 Y042 Bulk Storage B, Short Lane Bins
1710	012	Y051	YS01	YNGB	YLL1	YG01	Number of bins: 32 Y051 Picking Area for NA Storage, Fast Movers, Aisle 01
1710	013	Y051	YS02	YNGB	YLL1	YG01	Number of bins: 28 Y051 Picking Area for NA Storage, Slow Movers, Aisle 01
1710	014	Y051	YS01	YNGB	YLL1	YG02	Number of bins: 32 Y051 Picking Area for NA Storage, Fast Movers, Aisle 02
1710	015	Y051	YS02	YNGB	YLL1	YG02	Number of bins: 28 Y051 Picking Area for NA Storage, Slow Movers, Aisle 02
1710	016	Y052	YS00	YFX1			Number of bins: 8 Y052 Picking Area Area for Bulk B, Fixed Bins
1710	017	Y831	YS2I				Number of bins: 20 Packing

6. Choose *Choose* (F2) .
7. On the next *Generate Storage Bins* screen, choose *Create Bins*.
8. On the *Generate Storage Bins* screen, in the *To Generate* tab you should see in brackets the number of bins that will be generated, for example, *To Generate (60)*.
9. The planned number of bins to be generated per template is given in the table above in the "*Comment*" column.
10. Compare the number issued by the system with the number given in the table above for the respective Sequence/Template Number (001-017).
11. Do not create the bins if there is a deviation, but carefully check the template and correct any errors before you generate!!
12. Choose *Create*.
13. In the *Create Storage Bins* dialog box *Do you wish to create the bins?*, choose *Yes*.
14. The system creates the storage bins from the template.
15. You receive a system message xxx storage bins created. This number should be the same as in the table above (see "*Comment*").
16. Go *Back* (F3) to return to the template selection screen.
17. Repeat steps 4. to 16. for the remaining templates.

3.1.4 Manual Creation of Storage Bins

Procedure

1. Access the activity as follows:

Easy Access Menu (SAP EWM)	<i>SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Storage Bins → Create Storage Bin</i>
Transaction Code	/SCWM/LS01

2. On the *Create Storage Bin* screen, create storage bins as follows:
3. Enter *Warehouse No.* 1710.
4. Use the values given in the tables below to create storage bins
5. Enter *Storage Bin*: <see table>
6. Choose *Enter*.
7. Enter *Storage Type*: <see table>
8. Enter *Storage Section* <see table>
9. Enter *Stor.Group* <see table>
10. Choose *Save*.
11. Message *Storage bin ...has been added* appears.
12. Repeat steps for the other bins given in the following tables:

Field Name	1. Bin	2. Bin	3. Bin	4. Bin	5. Bin	6. Bin
Warehouse Number	1710	1710	1710	1710	1710	1710
Storage Bin	001.01.00	001.02.00	001.01.01	001.02.01	GR-YDI1	GR-YDI2
Storage Type	Y001	Y001	Y001	Y001	Y910	Y910
Storage Section	01IN	02IN	01OT	02OT	YI00	YI00
Bin Access Type						
Fire-Cont.Sect.						
Stor. Bin Type						
Stor. Group	YINB	YINB	YOUT	YOUT		

Field Name	7. Bin	8. Bin	9. Bin	10. Bin	11. Bin	12. Bin
Warehouse Number	1710	1710	1710	1710	1710	1710
Storage Bin	GR-YDI3	DOOR-YDI1	DOOR-YDI2	DOOR-YDI3	GI-YDO1	GI-YDO2
Storage Type	Y910	Y930	Y930	Y930	Y920	Y920
Storage Section	YI00	YS00	YS00	YS00	YO01	YO02

Field Name	13. Bin	14. Bin	15. Bin	16. Bin	17. Bin
Warehouse Number	1710	1710	1710	1710	1710
Storage Bin	GI-YDO3	DOOR-YDO1	DOOR-YDO2	DOOR-YDO3	970.00.00
Storage Type	Y920	Y930	Y930	Y930	Y970
Storage Section	YO03	YS00	YS00	YS00	YS00

Field Name	18. Bin
Warehouse Number	1710
Storage Bin	SCRAP-ZONE
Storage Type	Y840
Storage Section	YS00
Bin Access Type	
Fire-Cont.Sect.	
Stor. Bin Type	
Stor. Group	

3.1.5 Sort Storage Bins

Procedure

1. Access the activity as follows:

Easy Access Menu (SAP EWM)	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Storage Bin → Sort Storage Bins
Transaction Code	/SCWM/SBST

2. On the *Create Bin Sorting* screen, enter the following value:

Field Name	Input	Comment
Warehouse Number	1710	Your Warehouse Number
Activity Area		Leave blank
Activity		Leave blank

3. Choose *Execute* (F8). 
4. On the *Simulation of Bin Sorting* screen, choose *Create Bin Sorting* (F8). 
5. The system issues a message *Sorting created successfully*.

3.1.6 Assigning Door Storage Bins and Supply Chain Units

Prerequisite

The corresponding storage bins have been created.

Procedure

1. Access the activity as follows:

Easy Access Menu (SAP EWM)	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Shipping and Receiving → Assign Door Storage Bin and Supply Chain Unit
Transaction Code	/SCWM/DOOR_SCU

2. In case of the pop of screen for warehouse number, make the following entry and choose *Enter*.

Field Name	Input	Comment
------------	-------	---------

Warehouse Number	1710	Your Warehouse Number
-------------------------	------	------------------------------

- On the Change View "Assignment: Door to SCU and Storage Bin": Overview screen, create the following entries:

Whse Door	Storage Bin	Supply Chain Unit:Door	Loading Point	Prop.Route
YDI1	DOOR-YDI1			
YDI2	DOOR-YDI2			
YDI3	DOOR-YDI3			
YDO1	DOOR-YDO1			
YDO2	DOOR-YDO2			
YDO3	DOOR-YDO3			

- Save your entries.

3.1.7 Staging Area and Door Determination (Inbound) Procedure

- Access the activity as follows:

SAP Menu	Logistics → SCM Extended Warehouse Management → Extended Warehouse Management → Settings → Shipping & Receiving → Staging Area and Door Determination (Inbound)
Transaction Code	/SCWM/STADET_IN

- If the *Determine work Area: Entry* dialog box appears, enter

Warehouse Number	1710
-------------------------	------



On the *Change View "Staging Area and Door Determination (Inbound)": Overview* screen, check the *Warehouse No.* see if it is the correct warehouse number that you would like to work with. If not, choose *Table View* → *Other View*, then on the *Determine Work Area: Entry* screen enter 1710.

- On the *Change View "Staging Area and Door Determination (Inbound)": Overview* screen, choose *New Entries*.
- On the *New Entries: Details of Added Entries* screen, create the following settings:

Whse Proc. Type	SA / DDetGrp	Seq.	HU Type	MTr	Carrier	StgAreaGrp	StgArea	Staging Bay	Whse Door
Y113		1				Y910	YI00	GR-YDI1	YDI1
Y114		1				Y910	YI00	GR-YDI1	

5. Save your entries.

3.1.8 Access Sequence to Staging Areas and Door Determination

Procedure

1. Access the activity as follows:

SAP Menu	<i>Logistics → SCM Extended Warehouse Management → Extended Warehouse Management → Settings → Shipping and Receiving → Access Sequence to Staging Areas and Door Determination</i>
Transaction Code	/SCWM/STADET_ASS

2. If the *Determine work Area: Entry* dialog box appears, enter

Warehouse Number	1710
-------------------------	-------------



On the *Change View "Staging Area and Door Determination (Inbound)": Overview* screen, check the *Warehouse No.* see if it is the correct warehouse number that you would like to work with. If not, choose *Table View → Other View*, then on the *Determine Work Area: Entry* screen enter 1710.

3. On the *Change View "Access Sequence for Staging Areas and Door Determination"* screen, choose *New Entries*.
4. On the *New Entries: Overview of the added entries* screen, create the following entries (the *Acc.Sq.No.* is filled automatically), in the order listed:

Directn	Acc.Sq.No.	Route	WhPrTyp	Door
I Inbound	1		[X]	
O Outbound	1	[X]	[X]	

5. Save your entries.

3.1.9 Staging Area and Door Determination (Outbound)

Procedure

1. Access the activity as follows:

SAP Menu	<i>SCM Extended Warehouse Management → Extended Warehouse Management → Settings → Shipping and Receiving → Staging Area and Door Determination (Outbound)</i>
Transaction Code	/SCWM/STADET_OUT

2. In the *Determine Work Area: Entry* dialog box enter:

Warehouse Number	1710
-------------------------	-------------

3. Choose  *Continue*.
4. If the dialog box does not open, choose *Table View - Other View* in the menu bar.
1. On the *Change View "Staging Area and Door Determination (Outbound)": Overview* screen, choose *New Entries*.
2. On the *New Entries: Details of Added Entries* screen, enter:

Route	TR0001
Whse Proc. Type	Y214
Departure Cal.	
StgAr/DoorDetGr	

Sequence No. From	
Sequence No. To	
HU Type	
Means of Trans.	
Carrier	
Ship-To	
Sequence Number	1

3. In the *Staging Area and Door Determination (Outb)* section, enter:

Stg. Area Group	Y920
Stag. Area	YO01
Staging Bay	GI-YDO1
Warehouse Door	YDO1

4. Choose  *Next Entry*.

5. On the *New Entries: Details of Added Entries* screen, enter:

Route	TR0002
Whse Proc. Type	Y214
Departure Cal.	
StgAr/DoorDetGr	
Sequence No. From	
Sequence No. To	
HU Type	
Means of Trans.	
Carrier	
Ship-To	
Sequence Number	1

In the *Staging Area and Door Determination (Outb)* section, enter:

Stg. Area Group	Y920
Stag. Area	YO02
Staging Bay	GI-YDO2
Warehouse Door	YDO2

5. Choose  *Save*.

3.1.10 Create Route Schedule

Procedure

1. Access the activity as follows:

SAP Menu	<i>Logistics → Logistics Execution → Master Data → Routes → Route Schedule → Create</i>
-----------------	---

Transaction Code	VL51
-------------------------	------

- On the *Create Route Schedule Initial* screen, enter the following values and then choose *Enter*.

Field name	User action and values
Shipping point	1710
Route schedule	YUSMON1800

- On the *Create Route Schedule* screen, enter the following values.

Field name	User action and values
Route schedule Description	Monday Shipping at 18:00
Route	TR0001
GI day	1
GI time	18:00
Ship-to-party	EWM17-CU01
Shipping Condition	03
Trans. Group	0001

- Choose *Save* (Ctrl+S).
- Repeat step 2 – 4 with the following values:

Field name	User action and values
Shipping point	1710
Route schedule	YUSTUE1800
Route schedule Description	Tuesday Shipping at 18:00
Route	TR0001
GI day	2
GI time	18:00
Ship-to-party	EWM17-CU01
Shipping Condition	03
Trans. Group	0001

Field name	User action and values
Shipping point	1710
Route schedule	YUSWED1800
Route schedule Description	Wednesday Shipping at 18:00
Route	TR0001
GI day	3
GI time	18:00

Ship-to-party	EWM17-CU01
Shipping Condition	03
Trans. Group	0001

Field name	User action and values
Shipping point	1710
Route schedule	YUSTHU1800
Route schedule Description	Thursday Shipping at 18:00
Route	TR0001
GI day	4
GI time	18:00
Ship-to-party	EWM17-CU01
Shipping Condition	03
Trans. Group	0001

Field name	User action and values
Shipping point	1710
Route schedule	YUSFRI1800
Route schedule Description	Friday Shipping at 18:00
Route	TR0001
GI day	5
GI time	18:00
Ship-to-party	EWM17-CU01
Shipping Condition	03
Trans. Group	0001

3.1.11 Determine Work Center in Goods Issue Procedure

1. Access the activity as follows:

SAP Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Work Center → Determine Work Center in Goods Issue
Transaction Code	/SCWM/PAKSTDT



Depending on the warehouse number, the route, the activity area, and the consolidation group, the system determines a storage type, a storage section,

and a storage bin as a packing station. In the 1710 example, the Packing Work Center for both Routes is the same.

2. If *Determine Work Area: Entry* dialog box appears, enter:

Warehouse Number	1710
-------------------------	------

3. Choose *Continue (Enter)*.
4. On the *Change view "Work Center Determine in Goods Issue" Overview* screen, choose *New Entries (F5)*.
5. On the *New Entries: Overview of Added Entries* screen, create the following entries:

Route	AA	Cons.Grp	Storage Type	Storage Section	Storage Bin
TR0001			Y831	YS2I	
TR0002			Y831	YS2I	

6. Choose *Save*.

3.1.12 Maintaining the Consolidation Groups

Procedure

1. Access the activity as follows

SAP Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Maintain Consolidation Group
Transaction Code	/SCWM/DSGR

2. On the *Consolidation Group Maintenance for Shipping* screen, choose  *Create*.
3. In the *Maintain Consolidation Group* dialog box enter:

Warehouse No.	1710
Route	TR0001
Busn. Partner	EWM17-CU01
Deliv. Priority	000
Warehouse Door	
Cons.Grp.	CG-CUST01

4. Choose  *Continue*.
5. On the *Consolidation Group Maintenance for Shipping* screen, choose  *Create*.
6. In the *Maintain Consolidation Group* dialog box, enter:

Warehouse No.	1710
Route	TR0002
Busn. Partner	EWM17-CU02
Deliv. Priority	000
Warehouse Door	
Cons.Grp.	CG-CUST02

7. Choose  *Continue*.
8. On the *Consolidation Group Maintenance for Shipping* screen, choose  *Create*.
9. In the *Maintain Consolidation Group* dialog box, enter:

Warehouse No.	1710
Route	TR0002
Busn. Partner	EWM17-CU03
Deliv. Priority	000
Warehouse Door	
Cons.Grp.	CG-CUST03

10. Choose  Save.



Customers EWM17-CU01 and EWM17-CU02 use the same route TR0001.

Customer EWM17-CU03 uses another route TR0002.

The respective consolidation groups are defined using the 01,02 or 03 from the Customer/BP ID.

3.1.13 Maintain Resource Group

Procedure

1. Access the activity as follows:

SAP Menu	<i>SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Resource Management → Maintain Resource Group</i>
Transaction Code	<i>/SCWM/RGRP</i>

2. If the *Determine Work Area* screen appears, enter the following data:

Warehouse Number	1710
-------------------------	------

3. Choose *Continue* (Enter).
4. On the *Display View "Resource Groups": Overview* screen, choose  *Display* → *Change* (Ctrl+F1).
5. On the *Change View "Resource Groups": Overview* screen, choose *New Entries* (F5).
6. On the *New Entries: Overview of Added Entries* screen, create the following entries:

Rsrce Grp	Description
YALL	Access to all Queues
YCNT	Physical Inventory
YHA1	HLOP operating in NA, Aisle 01
YHA2	HLOP operating in NA, Aisle 02
YHR0	Without Forklift
YLL0	Low-Level Order Picker (LLOP)
YPPP	Packing

7. Choose *Save*.

3.1.14 Maintaining Queue Sequence for Resource Group

Procedure

1. Access the activity as follows:

SAP Menu	<i>SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Resource Management → Maintain Queue Sequence for Resource Group</i>
Transaction Code	/SCWM/QSEQ

2. On the *Display View "Queue Sequence Per Resource Group": Overview* screen, choose  *Display → Change (Ctrl+F1)*
3. Choose *New Entries (F5)*.
4. On the *New Entries: Overview of Added Entries* screen, create the following entries (*Sequence No.* is generated automatically during saving):

Resource Group YALL:

Rsrc Grp	Sequence No.	Queue	No Interleaving	Comment
YALL	1	YR-N01-N01		REPLENISHMENT
YALL	2	YR-N02-N02		
YALL	3	YR-N01-001		
YALL	4	YR-N02-001		
YALL	5	YR-001-001		
YALL	6	YR-001-N01		
YALL	7	YR-001-N02		
YALL	8	YR-001-021		
YALL	9	YR-042-052		

YALL	10	Y0-021-831		OUTBOUND
YALL	11	Y0-N01-001		
YALL	12	Y0-N02-001		
YALL	13	Y0-001-831		
YALL	14	Y0-N01-831		
YALL	15	Y0-N02-831		
YALL	16	Y0-041-831		
YALL	17	Y0-042-831		
YALL	18	Y0-052-831		
YALL	19	Y0-831-920		
YALL	20	Y0-920-930		

YALL	21	YI-910-021		INBOUND
YALL	22	YI-910-001		
YALL	23	YI-910-041		
YALL	24	YI-910-042		
YALL	25	YI-910-970		
YALL	26	YI-930-910		
YALL	27	YI-001-N01		
YALL	28	YI-001-N02		
YALL	29	YI-970-001		
YALL	30	YI-970-021		

YALL	31	YS-001-840		SCRAPPING
YALL	32	YS-021-840		
YALL	33	YS-N01-840		
YALL	34	YS-N02-840		
YALL	35	YS-041-840		
YALL	36	YS-042-840		
YALL	37	YS-052-840		

YALL	38	YP-011		PHYSICAL INVENTORY
YALL	39	YP-021		
YALL	40	YP-041		
YALL	41	YP-042		

Resource Group YCNT:

Rsrce Grp	Sequence No.	Queue	No Interleaving	Comment
YCNT	1	YP-011		PHYSICAL INVENTORY
YCNT	2	YP-021		
YCNT	3	YP-041		
YCNT	4	YP-042		

Resource Group YHA1:

Rsrce Grp	Sequence No.	Queue	No Interleaving	Comment
YHA1	1	YR-N01-N01		REPLENISHMENT
YHA1	2	YR-N01-001		
YHA1	3	YR-001-N01		
YHA1	4	Y0-N01-001		OUTBOUND
YHA1	5	YI-001-N01		INBOUND

Resource Group YHA2:

Rsrce Grp	Sequence No.	Queue	No Interleaving	Comment
YHA2	1	YR-N02-N02		REPLENISHMENT
YHA2	2	YR-N02-001		
YHA2	3	YR-001-N02		
YHA2	4	Y0-N02-001		OUTBOUND
YHA2	5	YI-001-N02		INBOUND

Resource Group YHR0:

Rsrce Grp	Sequence No.	Queue	No Interleaving	Comment
YHR0	1	YR-001-021		REPLENISHMENT
YHR0	2	Y0-021-831		OUTBOUND
YHR0	3	YI-910-021		INBOUND

YHR0	4	YI-970-021		
YHR0	5	YS-021-840		SCRAPPING

Resource Group YLL0:

Rsrce Grp	Sequence No.	Queue	No Interleaving	Comment
YLL0	1	YR-001-N01		REPLENISHMENT
YLL0	2	YR-001-N02		
YLL0	3	YR-001-001		
YLL0	4	YR-001-021		
YLL0	5	YR-042-052		

YLL0	5	Y0-001-831		OUTBOUND
YLL0	6	Y0-N01-831		
YLL0	7	Y0-N02-831		
YLL0	8	Y0-041-831		
YLL0	9	Y0-042-831		
YLL0	10	Y0-052-831		
YLL0	11	Y0-831-920		
YLL0	12	Y0-920-930		

YLL0	13	YI-930-910		INBOUND
YLL0	14	YI-910-001		
YLL0	15	YI-910-041		
YLL0	16	YI-910-042		
YLL0	17	YI-910-970		
YLL0	18	YI-970-001		

YLL0	19	YS-N01-840		Scrapping
YLL0	20	YS-N02-840		
YLL0	21	YS-001-840		
YLL0	22	YS-041-840		
YLL0	23	YS-042-840		

YLL0	24	YS-052-840		
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- Choose Save.

3.1.15 Maintain Queue Type Sequence Procedure

- Access the activity as follows:

SAP Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Resource Management → Maintain Queue Type Sequence
Transaction Code	/SCWM/QTSQ

- On the *Change View "Queue Sequence in Task Interleaving per Resource Group": Overview* screen, choose *New Entries (F5)*.
- On the *New Entries: Overview of Added Entries* screen, create the following entries:

Warehouse Number	Rsrce Grp	Sequence No.	Q.Type
1710	YALL	1	INBD
1710	YALL	2	OUTB
1710	YHA1	1	INBD
1710	YHA1	2	OUTB
1710	YHA2	1	INBD
1710	YHA2	2	OUTB
1710	YLL0	1	INBD
1710	YLL0	2	OUTB

- Choose Save.

3.1.16 Maintain Resource Procedure

- Access the activity as follows:

SAP Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Resource Management → Maintain Resource
Transaction Code	/SCWM/RSRC

- On the *Display View "Resources": Overview* screen, choose  *Display → Change (Ctrl+F1)*.
- Choose *New Entries (F5)*.
- On the *New Entries: Overview of Added Entries* screen, create the following entries:

Resource	Rsrce Type	Rsrce Grp	DefPresDvc
YALL-1	YALL	YALL	YE00
YCNT-1	YALL	YCNT	YE00
YHLTR01-1	YALL	YHA1	YE00

YHLTR02-1	YALL	YHA2	YE00
YLLTR-1	YLL1	YLL0	YE00
YMEZZ-1	YALL	YHR0	YE00
YPACK-1	YALL	YPPP	YE00
YREC-1	YALL		YE00

- Choose Save (Ctrl+S).



Usually, you may need the above mentioned resources several times, if users go through these processes in parallel.

You can easily **copy a resource** using one of the above mentioned resources and added the next free number to it at the end of the ID; e.g. copy YALL-1 to YALL-2 etc.

3.1.17 Maintain Warehouse-Specific Printing Parameters

Use

You maintain spool data for grouping printing parameters (such as point in time for printing, printer, handling of the spool job after printing, text for cover page, and so on) to be used for the condition record creation.

Procedure

- Access the activity as follows:

SAP Menu	<i>Logistics → SCM Extended Warehouse Management → Extended Warehouse Management → Work Scheduling → Print → Settings → Maintain Warehouse-Specific Printing Parameters</i>
Transaction Code	/SCWM/60000431

- On the *Change View "Default Printer": Overview* screen, select the row with *Warehouse Number 1710*.
- In the *Dialog Structure*, double-click  *Spool Parameters*.
- On the *Change View "Spool Parameters": Overview* screen, choose *New Entries*.
- On the *New Entries: Overview of Added Entries* screen, create the following entry:

Spool Data	Output Device	I	R	NewSplReq	Copies	SAP cover
01		[X]	[X]	X	1	_ Do Not Print

- Choose Save.

3.1.18 Create Warehouse Products

Use

In this step the products (the actual products as well as the packaging materials) which are used in the business processes are initially created as EWM warehouse products.

Procedure

- Access the activity as follows:

SAP Menu	<i>Logistics → SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Product → Maintain Warehouse Product</i>
Transaction Code	/SCWM/MAT1

EWMS4-01

1. On the *Display/Change/Create Warehouse Product* screen, enter:

Field name	User action and values
Product Number	EWMS4-01
Warehouse No.	1710
Party Entitled to Dispose	BP1710

2. Choose *Create* (F5).
3. On the *Warehouse Product Maintenance* screen, on the *Whse Data* tab, enter:

Field Name	User Action and Values	Comment
Preferred UoM	CAR	
Putaway Control Ind.	YQ01	Small Parts to go into the Mezzanine if no pallet qty.
Storage Section Ind.	YS02	Section for slow-moving Items

4. On the *St. Type Data* tab, enter:

Field Name	User Action and Values	Comment
Storage Type	Y021	
Min. Replenish. Qty	2 CAR	
Minimum Quantity	4 CAR	Once the stock falls below this quantity , replenishment will be possible
Maximum Quantity	6 CAR	Replenishment will not provide more than this quantity

5. Choose *Adopt Data*.
6. Choose *Save*.
7. Choose *Back*.

EWMS4-02

1. On the *Display/Change/Create Warehouse Product* screen, enter:

Field name	User action and values
Product Number	EWMS4-02
Warehouse No.	1710
Party Entitled to Dispose	BP1710

2. Choose *Create* (F5).
3. On the *Warehouse Product Maintenance* screen, on the *Whse Data* tab, enter:

Field Name	User Action and Values	Comment
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Preferred UoM	CAR	
Putaway Control Ind.	YQ01	Small Parts to go into the Mezzanine if no pallet qty.
Storage Section Ind.	YS01	Section for Fast -moving Items

4. On the *St. Type Data* tab, enter:

Field Name	User Action and Values	Comment
Storage Type	Y021	
Min. Replenish. Qty	4 CAR	
Minimum Quantity	16 CAR	Once the stock falls below this quantity , replenishment will be possible
Maximum Quantity	20 CAR	Replenishment will not provide more than this quantity

5. Choose *Adopt Data*.
 6. Choose *Save*.
 7. Choose *Back*.

EWMS4-10

1. On the *Display/Change/Create Warehouse Product* screen, choose *Create*.

Field name	User action and values
Product Number	EWMS4-10
Warehouse No.	1710
Party Entitled to Dispose	BP1710

2. Choose *Create (F5)*.
 3. On the *Warehouse Product Maintenance* screen, make the following entries on the *Whse Data* tab:

Field Name	User Action and Values	Comment
Putaway Control Ind.	YQ02	Large Parts to go into the Narrow Aisle Pallet Buffer
Storage Section Ind.	YS02	Section for Slow -moving Items

4. On the *Warehouse Product Maintenance* screen, make the following entries on the *St. Type Data* tab page:

Field Name	User Action and Values
Storage Type	Y051
Max. No. Bins	5
Min. Replenish. Qty	1 PC
Minimum Quantity	4 PC

Maximum Quantity	12 PC
------------------	-------

5. Choose *Adopt Data*.
6. Choose *Save*.
7. Choose *Back*.

EWMS4-11

1. On the *Display/Change/Create Warehouse Product* screen, choose *Create*.

Field name	User action and values
Product Number	EWMS4-11
Warehouse No.	1710
Party Entitled to Dispose	BP1710

2. Choose *Create (F5)*.
3. On the *Warehouse Product Maintenance* screen, make the following entries on the *Whse Data* tab page.

Field Name	User Action and Values	Comment
Putaway Control Ind.	YQ02	Large Parts to go into the Narrow Aisle Pallet Buffer
Storage Section Ind.	YS01	Section for Fast -moving Items

4. On the *Warehouse Product Maintenance* screen, make the following entries on the **St. Type Data** tab page:

Field Name	User Action and Values
Storage Type	Y051
Max. No. Bins	5
Min. Replenish. Qty	1 PC
Minimum Quantity	6 PC
Maximum Quantity	18 PC

5. Choose *Adopt Data*.
6. Choose *Save*.
7. Choose *Back*.

EWMS4-40

8. On the *Display/Change/Create Warehouse Product* screen, choose *Create*.

Field name	User action and values
Product Number	EWMS4-40
Warehouse No.	1710
Party Entitled to Dispose	BP1710

9. Choose *Create* (F5).
10. On the *Warehouse Product Maintenance* screen, make the following entries on the *Whse Data* tab page.

Field Name	User Action and Values	Comment
Preferred UoM	CAR	
Putaway Control Ind.	YQ04	Product for Bulk Storage A
Storage Bin Type	YB01	Short Bulk Storage Lane
Bulk Storage Ind.	Y2	
Stk Rmvl Ctrl Indicator	YR02	Removal of Bulk Storage Parts

11. Choose *Save*.
12. Choose *Back*

EWMS4-41

13. On the *Display/Change/Create Warehouse Product* screen, choose *Create*.

Field name	User action and values
Product Number	EWMS4-41
Warehouse No.	1710
Party Entitled to Dispose	BP1710

14. Choose *Create* (F5).
15. On the *Warehouse Product Maintenance* screen, make the following entries on the *Whse Data* tab page.

Field Name	User Action and Values	Comment
Preferred UoM	CAR	
Putaway Control Ind.	YQ04	Product for Bulk Storage A
Storage Bin Type	YB02	Long Bulk Storage Lane
Bulk Storage Ind.	Y1	
Stk Rmvl Ctrl Indicator	YR02	Removal of Bulk Storage Parts

16. Choose *Save*.
17. Choose *Back*

EWMS4-42

18. On the *Display/Change/Create Warehouse Product* screen, choose *Create*.

Field name	User action and values
Product Number	EWMS4-42

Warehouse No.	1710
Party Entitled to Dispose	BP1710

19. Choose *Create* (F5).
20. On the *Warehouse Product Maintenance* screen, make the following entries on the *Whse Data* tab page.

Field Name	User Action and Values	Comment
Putaway Control Ind.	YQ05	Product for Bulk Storage B
Bulk Storage Ind.	Y1	
Stk Rmvl Ctrl Indicator	YR02	Removal of Bulk Storage Parts

21. On the *Warehouse Product Maintenance* screen, make the following entries on the *St. Type Data* tab page:

Field Name	User Action and Values
Storage Type	Y052
Min. Replenish. Qty	6 PC
Minimum Quantity	2 PC
Maximum Quantity	18 PC

22. Choose *Adopt Data*.
23. Choose *Save*.
24. Choose *Back*

EWMS4-PAL00

1. On the *Display/Change/Create Warehouse Product* screen, choose *Create*.

Field name	User action and values
Product Number	EWMS4-PAL00
Warehouse No.	1710
Party Entitled to Dispose	BP1710

2. Choose *Save* (Ctrl+S).
3. Choose *Back*.

EWMS4-PAL01

1. On the *Display/Change/Create Warehouse Product* screen, choose *Create*.

Field name	User action and values
Product Number	EWMS4-PAL01
Warehouse No.	1710
Party Entitled to Dispose	BP1710

2. Choose *Save* (Ctrl+S).
3. Choose *Back*.

EWMS4-CAR00

1. On the *Display/Change/Create Warehouse Product* screen, choose *Create*.

Field name	User action and values
Product Number	EWMS4-CAR00
Warehouse No.	1710
Party Entitled to Dispose	BP1710

2. Choose *Save* (Ctrl+S).
3. Choose *Back*.

EWMS4-WBTRO00

1. On the *Display/Change/Create Warehouse Product* screen, choose *Create*.

Field name	User action and values
Product Number	EWMS4-WBTRO00
Warehouse No.	1710
Party Entitled to Dispose	BP1710

2. Choose *Save* (Ctrl+S).
3. Choose *Back*.

EWMS4-PALISU

1. On the *Display/Change/Create Warehouse Product* screen, choose *Create*.

Field name	User action and values
Product Number	EWMS4-PALISU
Warehouse No.	1710
Party Entitled to Dispose	BP1710

2. Choose *Save* (Ctrl+S).
3. Choose *Back*.

EWMS4-STOCON00

1. On the *Display/Change/Create Warehouse Product* screen, choose *Create*.

Field name	User action and values
Product Number	EWMS4-STOCON00
Warehouse No.	1710
Party Entitled to Dispose	BP1710

2. Choose *Save* (Ctrl+S).

3.1.19 Define Work Center Master Data Attributes Procedure

1. Access the activity as follows:

SAP Menu	<i>Logistics → SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Work Center → Define Master Data Attributes</i>
Transaction Code	/SCWM/TWORKST

2. If the *Determine Work Area: Entry* window appears, enter **1710** in the *Warehouse Number* field and choose *Continue (Enter)*.
3. On the *Change View "Work Center: Define Master Data Attributes": Overview* screen, select all these entries:

Work Cntr.	Description
Y831	Packing Work Center
Y910	Inbound Staging Area

4. Choose  *Details (Ctrl+Shift+F2)*.
5. On the *Change View "Work Center: Define Master Data Attributes": Details* screen, enter:

Work Center	Y831
Storage Bin	
Terminal Name	
Pack. Material	EWMS4-CAR00

6. Choose *Next Entry (F8)*.
On the *Change View "Work Center: Define Master Data Attributes": Details* screen, enter:

Work Center	Y910
Storage Bin	GR-YDI1
Terminal Name	
Pack. Material	

7. Save your entries.



The other work centers are also listed, but no specific entries are required.

3.1.20 Maintain Packaging Specifications

Picking into Wire Basket Trolley (Pckg. Spec. No.1) Procedure

1. To define packaging specifications, access the activity as follows:

SAP Menu	<i>Logistics → SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Packaging Specification → Maintain Packaging Specification</i>
Transaction Code	/SCWM/PACKSPEC

2. On the *Packaging Specification Overview* screen, choose  *Add a new line*.
3. Create the following entry:

PS Group
SAP

4. Press *Enter*.
The system creates a *Packaging Spec.* ID and displays the <ID> in the list.
5. Select the row with that packaging specification <ID>.
6. Choose  *Display*.
7. On the *Change Packaging Specification <ID>* screen, enter:

Description	Picking into Wire Basket Trolley
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8. In the *Packspec/Level/Elements* hierarchy, double-click *Main Level*.
9. In the section *Level* enter:

Level Type	MAIN
Target Qty	1



The target quantity specifies the quantity required to load a full pallet of Articles.

10. Choose *Assigned Elements* tab page.
11. Choose button *Create Element Group*.
12. Choose button *Insert Element*.
13. Double-click on the field for *Pack. Material*.
14. In the *Element Details* section, enter:

Element Type	PACK Packaging Material
Pack. Material	EWMS4-WBTRO00
HU Relevance	1 Main Packaging Material

15. Navigate to the *Warehouse* tab.
16. Confirm the system message: *Changes in Element Group will reflect globally*
17. On the *Warehouse* tab, enter:

HU Type	YN00 EWM Standard HU Type
----------------	---------------------------

18. Choose *Save*.
19. In the *Packspec/Level/Elements* hierarchy, double-click the <Packspec ID> (the root node at the top of the hierarchy)
20. On the *Determination* tab, in the *Item area*, enter:

CCTC
0BDL

21. Choose *Enter*.
22. Create the following entry:

CCTC	SC Unit	Route	Pack.Prof.	PS
0BDL	YWAREHOUSE-1710		YP01	<the newly created PS number>

23. Choose *Save*.



24. Choose *Activate* (Shift+F6)
25. Choose *Back* (F3).

Picking onto Pallet (*Pckg. Spec. No.2*)

1. Access the activity as follows:

SAP Menu	<i>Logistics → SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Packaging Specification → Maintain Packaging Specification</i>
Transaction Code	/SCWM/PACKSPEC

2. On the *Packaging Specification Overview* screen, choose  *Add a new line*.
3. Create the following entry:

PS Group
SAP

4. Press *Enter*.
The system creates a *Packaging Spec. ID* and displays it in the list.
5. Select the row with that packaging specification ID.
6. Choose *Display* .
7. On the *Change Packaging Specification <ID>* screen, enter:

Field Name	Entry Value
Description	Picking onto Pallet

8. In the *Packspec/Level/Elements* hierarchy, double-click *Main Level*.
9. In the *Level* section, enter:

Field Name	Entry Value
Level Type	MAIN
Target Qty	1



The target quantity specifies the quantity required to load a full pallet of Articles.

10. Choose *Assigned Elements* tab page
11. Choose button *Create Element Group*.
12. Choose button *Insert Element*.
13. Double-click on the field for *Pack. Material*.
14. In the *Element Details* section, enter:

Field Name	Entry Value
Element Type	PACK Packaging Material
Packaging Material	EWMS4-PAL00
HU-Rel.	1 Main Packaging Material

15. Navigate to the *Warehouse* tab.
16. Confirm the system message: *Changes in Element Group will reflect globally*.
17. On the *Warehouse* tab, enter:

Field Name	Entry Value
HU Type	YN01 EWM Pallet

18. Choose *Save*.
19. In the *Packspec/Level/Elements* hierarchy, double-click the *<Packspec ID>* (the root node at the top of the hierarchy)
20. On the *Determination* tab, in the *Item area*, enter:

CCTC
OBDL

21. Choose *Enter*.

22. Create the following entry:

CCTC	SC Unit	Route	Pack.Prof.	PS
OBDL	YWAREHOUSE-1710		YP02	<the newly created PS number>

23. Choose *Save*.

24. Choose *Activate* (Shift+F6) 

25. Choose *Back* (F3).

Picking into Container/Box (Pckg. Spec. No.3)

Procedure

1. Access the activity as follows:

SAP Menu	Logistics → SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Packaging Specification → Maintain Packaging Specification
Transaction Code	/SCWM/PACKSPEC

2. On the *Packaging Specification Overview* screen, choose *Add a new line*. 

3. Create the following entry:

PS Group
SAP

4. Press *Enter*.

The system creates a *Packaging Spec.* <ID> and displays it in the list.

5. Select the row with that packaging specification <ID>.

6. Choose *Display* 

7. You are on the *Change Packaging Specification <ID>* screen.

In the *Packaging Specification* section, enter:

Field Name	Entry Value
Description	Picking into Container/Box

13. In the *Packspec/Level/Elements* hierarchy, choose  *Main Level*.

14. In the *Level* section, enter:

Field Name	Entry Value
Level Type	MAIN
Target Qty	1



The target quantity specifies the quantity required to load a full pallet of Articles.

15. Choose *Assigned Elements* tab page

16. Choose button *Create Element Group*.

17. Choose button *Insert Element*.
18. Double-click on the field for *Pack. Material*.
19. In the *Element Details* section, enter:

Field Name	Entry Value
Element Type	PACK Packaging Material
Packaging Material	EWMS4-STOCON00
HU-Rel.	1 Main Packaging Material

20. Navigate to the *Warehouse* tab.
21. Confirm the system message: *Changes in Element Group will reflect globally*.
22. On the *Warehouse* tab, enter:

Field Name	Entry Value
HU Type	YN00 EWM Standard HU Type

23. Choose *Save*.
24. In the *Packspec/Level/Elements* hierarchy, double-click the <Packspeck ID> (the root node at the top of the hierarchy)
25. On the *Determination* tab, in the *Item area*, enter:

CCtC
0BDL

26. Choose *Enter*.
27. Create the following entry:

CCtC	SC Unit	Route	Pack.Prof.	PS
0BDL	YWAREHOUSE-1710		YP03	<the newly created PS number>

28. Choose *Save*.
29. Choose *Activate* 
30. Choose *Back (F3)*.

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.

The following table lists the configuration activities where automatic transport is not possible. Refer to the details and sequence in the sections above.

Configuration activity	Manual transport possible	Manual action in target system / client required	Remarks
3.1.1 <i>Activate Application Log</i>	No	Yes	
3.1.2 <i>Set up Control Parameters for Warehouse Order Creation</i>	No	Yes	
3.1.3 <i>Generate</i>	No	Yes	

Configuration activity	Manual transport possible	Manual action in target system / client required	Remarks
<i>Storage Bins with Template</i>			
<i>3.1.4 Manual Creation of Storage Bins</i>	No	Yes	
<i>3.1.5 Sort Storage Bins</i>	No	Yes	
<i>3.1.6 Assigning Door Storage Bins and Supply Chain Units</i>	No	Yes	
<i>3.1.7 Staging Area and Door Determination (Inbound)</i>	No	Yes	
<i>3.1.8 Access Sequence to Staging Areas and Door Determination</i>	No	Yes	
<i>3.1.9 Staging Area and Door Determination (Outbound)</i>	No	Yes	
<i>3.1.11 Determine Work Center in Goods Issue</i>	No	Yes	

We recommend that you plan especially for doing these manual build steps and rehearse the sequence in advance, if possible well before cut over.