SAP Easy Access

Favorites
SAP Menu
- Office
- Cross-Application Components
- Logistics
- Accounting
- Human Resources
- Information Systems
- Tools
- WebClient UI Framework

SAP Production Planning & Execution
in S/4 2020

SLoc IGNORE in S/4
without MRP4 SLoc Segment

SAP

1. **Create new SLoc 101Z for Scrap purpose**
2. No MRP Segment in MRP4 view in S/4
3. MIGO stocks into SLoc 101A, 101B, 101C, 101Z
4. Setup to ignore SLoc 101Z in S/4
5. Create new MRP area 1010_ABC and 1010_Z
6. Extend Material to the 2 new MRP areas
7. Check effects of MRP area in MD04
8. Check effects of MRP area in "Check Material Coverage" Fiori App

SAP

View Cluster Editing: Initial Screen

Find Maintenance Dialog

Display IMG

Existing BC Sets   BC Sets for Activity   Act

Structure

- SAP Customizing Implementation Guide
  - Commercial Project Management
  - Activate Business Functions
  - Conversion of Accounting to SAP S/4HANA
  - SAP NetWeaver
  - Enterprise Structure
    - Localize Sample Organizational Units
    - Definition
      - Financial Accounting
      - Controlling
      - Logistics - General
      - Sales and Distribution
      - Materials Management
        - Restrictions for the Industry Solution for Def
        - Maintain storage location
        - Maintain purchasing organization
      - Logistics Execution
      - Plant Maintenance
      - Human Resources Management
    - Assignment
    - Consistency Check

Determine Work Area: Entry

Field Name	Work Area
Plant	1010

✓ | Further select cond. | Append |

create a new SLoc 101Z for Scrap purpose

SAP

New Entries: Overview of Added Entries

Dialog Structure

- ▼ 📂 Storage Locations
  - · 📁 Addresses of storage
- · 📁 Business Systems for ME

Plant   1010

SLoc	Description
101Z	Scrap

new SLoc
101Z
for Scrap purpose

Position...   Entry 0 of 0

SAP

SAP

1. Create new SLoc 101Z for Scrap purpose
2. **No MRP Segment in MRP4 view in S/4**
3. MIGO stocks into SLoc 101A, 101B, 101C, 101Z
4. Setup to ignore SLoc 101Z in S/4
5. Create new MRP area 1010_ABC and 1010_Z
6. Extend Material to the 2 new MRP areas
7. Check effects of MRP area in MD04
8. Check effects of MRP area in "Check Material Coverage" Fiori App

Create Material M01 (Raw materials)

Additional Data   Org. Levels   Check Screen Data

| MRP 3 | MRP 4 | Advanced Planning | Extended SPP | Forecasting |

Material   M01

Descr.   Chain Group 20

Plant   1010   Hamburg

Stor. Loc.   101Z   Scrap

create Material
for the
Scrap Sloc 101Z

BOM explosion/dependent requirements

Individual/coll.	2	Component Scrap (%)	
Version Indicator	☐	Requirements group	
ProdVersions		MRP dep.requirements	

Discontinued parts

| Discontin. ind. | | Eff.-out | | Follow-up matl | |

This segment
in ECC is for SLoc data
for the Material
with a parameter
set to ignore the SLoc
from Planning
but
NO MORE in S/4

Repetitive manufacturing / assembly / deployment strategy

| Repet. Manufacturing | ☐ | REM Profile | | Action Control | |

Material memo   Material memo exists   ☐

SAP

Enter Storage Locations Collectively: Initial Screen

Material.. M01

Plant..... 1010

List control

◉ List all existing storage locations

○ List extendable storage locations only

☐ Create change documents

SAP Easy Access

▶ 📁 Equipment and Tools Management
▼ 📂 Materials Management
  ▶ 📁 Purchasing
  ▶ 📁 Inventory Management
  ▶ 📁 Logistics Invoice Verification
  ▶ 📁 Physical Inventory
  ▶ 📁 Valuation
  ▶ 📁 Material Requirements Planning (MRP)
  ▶ 📁 Returnable packaging logistics
  ▶ 📁 Service Entry Sheet
  ▶ 📁 Service Master
  ▼ 📂 Material Master
    ▶ 📁 Material
    ▶ 📁 Profile
    ▶ 📁 Batch
    ▶ 📁 Special Stock
    ▼ 📂 Other
      • 🔷 MMBE - Stock Overview
      • 🔷 MMPV - Close Period
      • 🔷 MMRV - Allow Posting to Previous Per
      • 🔷 MM50 - Extend Material View(s)
      • 🔷 MMSC - Enter Storage Locations
      • 🔷 MM60 - Materials List

MMSC is still available in S/4 to create SLoc for Material (for GR SLoc relevancy)

SAP

1. Create new SLoc 101Z for Scrap purpose
2. No MRP Segment in MRP4 view in S/4
3. **MIGO stocks into SLoc 101A, 101B, 101C, 101Z**
4. Setup to ignore SLoc 101Z in S/4
5. Create new MRP area 1010_ABC and 1010_Z
6. Extend Material to the 2 new MRP areas
7. Check effects of MRP area in MD04
8. Check effects of MRP area in "Check Material Coverage" Fiori App

Goods Receipt Other - S4220-20

Hide Overview | Hold   Check   Post | **i** Help

My Documents
- ▼ Purchase Orders
  - • Blank
- ▼ Orders
  - • 1000241
- ▼ Reservations
  - • Blank
- ▼ Material Documents
  - • 4900001327
  - • 4900001326
  - • 5000000200
  - • 4900001325
  - • 4900001324
  - • 4900001323
  - • 4900001322
- ▼ Held Data
  - • Blank

A01 Goods Receipt ▼   R10 Other ▼   Receipt w/o PO

General   👥

| Document Date | 19.05.2021 | Material Slip | |
| Posting Date | 19.05.2021 | Doc.Header Text | |

🖨 ☐ 1 Individual Slip ▼

Line	Mat. Short Text	V	OK	Qty in UnE	E...	SLoc	Stor. Loca...	G/L Account	Stock Segment
1	Chain Group 20	☐	✓	100	PC	Std. storage 1	101A		
2	Chain Group 20	☐	✓	100	PC	Std. storage 2	101B		
3	Chain Group 20	☐	✓	100	PC	Raw mat. stoloc.	101C		
4	Chain Group 20	☐	✓	100	PC	Scrap	101Z		

◀ ▶ ☐

ntents

Receive 100 into each SLoc 101A, 101B, 101C

Receive 100 into SLoc 101Z Scrap Location

SAP

Stock Overview: Basic List

Selection

Material	M01			
	Chain Group 20		External Manufacturer	
Material Type	ROH	Raw materials		
Unit of Measure	PC	Base Unit of Measure	PC	

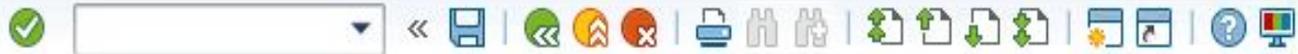### Stock Overview

Detailed Display
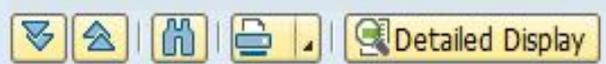
Client/Company Code/Plant/Storage Loca...	Unrestricted use	Qual. inspection	Reserved	Rcpt reservation	On-Order Stock	Consgt ordered	Stc...
▼ Full	400,000						
▼ 1010 Company Code 1010	400,000						
▼ 1010 Hamburg	400,000						
· 101A Std. storage 1	100,000						
· 101B Std. storage 2	100,000						
· 101C Raw mat. stoloc.	100,000						
· 101Z Scrap	100,000						

100 each in all 4 SLoc
including 100 in SLoc 101Z

SAP

Stock/Requirements List as of 02:02 hrs

Show Overview Tree | Single Run | MRP Live | Display Routing | Create PIR | Create Sales Order

Material	M01					
Description	Chain Group 20					
MRP Area	1010	Plant 1 DE			Ex. manuf.	
Plant	1010	MRP type	PD	Material type	ROH	Unit	PC

| | | Date | GR | ST On | On | Vendor | Cust. | | Page | 1 / 1 |

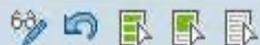| A..	Date	MRP ...	MRP element data	Rescheduli...	E..	Receipt/Reqmt	Available Qty
	19.05.2021	Stock					400

400 stocks including
100 of stock of
Scrap Loc 101Z

SAP

1. Create new SLoc 101Z for Scrap purpose
2. No MRP Segment in MRP4 view in S/4
3. MIGO stocks into SLoc 101A, 101B, 101C, 101Z
4. **Setup to ignore SLoc 101Z in S/4**
5. Create new MRP area 1010_ABC and 1010_Z
6. Extend Material to the 2 new MRP areas
7. Check effects of MRP area in MD04
8. Check effects of MRP area in "Check Material Coverage" Fiori App

Change View "Storage Location MRP": Overview

Plant   1010

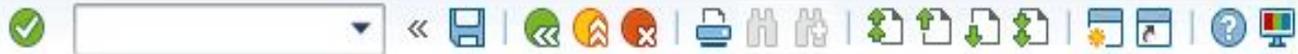| SLoc	Descr. of Storage Loc.	MRP Ind.	Description of MRP indicator
0001	Material		
0002	Finished/Fertig		
0004	PRT storage		
101A	Std. storage 1		
101B	Std. storage 2		
101C	Raw mat. stoloc.		
101D	EWM Rec. on Dock		
101E	PRT storage		
101R	Returns		
101S	EWM Av. for Sale		
101Z	Scrap	1	

Position...

Since Material Master MRP4 segment is no longer possible, S/4 still allow t-code OMIR which is
Material independent configuration for Storage Location MRP indicator

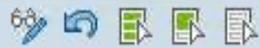### Storage location MRP indicator (1)   3 Entries found

SLoc MR...	Short Descript.
	Storage location stock also planned at plant level
1	Storage location stock excluded from MRP
2	Storage location stock planned separately

3 Entries found

SAP

Table View   Edit   Goto   Selection   Utilities   System   Help

Change View "Storage Location MRP": Overview

Plant   1010

SLoc	Descr. of Storage Loc.	MRP Ind.	Description of MRP indicato
0001	Material		
0002	Finished/Fertig		
0004	PRT storage		
101A	Std. storage 1		
101B	Std. storage 2		
101C	Raw mat. stoloc.		
101D	EWM Rec. on Dock		
101E	PRT storage		
101R	Returns		
101S	EWM Av. for Sale		
101Z	Scrap	1	

Position...

t-code OMIR is still possible but
the menu for OMIR
IMG - PP - MRP - Planning - Define Storage Location MRP
cannot be found

Storage location MRP indicator (1)   3 Entries found

SLoc MR...	Short Descript.
	Storage location stock also planned at plant level
1	Storage location stock excluded from MRP
2	Storage location stock planned separately

3 Entries found

Stock/Requirements List as of 02:23 hrs

Show Overview Tree | Single Run | MRP Live | Display Routing

Material	M01		
Description	Chain Group 20		
MRP Area	1010	Plant 1 DE	Ex.
Plant	1010	MRP type	PD Material type ROH Unit P

Σ | Date | GR | ST On | On | Vendor | Cust.

A.	Date	MRP ...	MRP el...	Rescheduli...	E.	Receipt...	Available Qty
	19.05.2021	Stock					400

Display Warehouse Stocks of M

Material			
SLoc	Unrestricted	Unit	Trans
M01			
101A	100	PC	
101B	100	PC	
101C	100	PC	
101Z	100	PC	
* Total			

in MD04 still showing total stock of 400
including the 101Z Scrap SLoc Stocks

SAP

Stock/Requirements List as of 02:23 hrs

Show Overview Tree   Single Run   MRP Live   Display Routing   Create PIR   Create Sales Order

Material	M01	
Description	Chain Group 20	
MRP Area	1010	Plant 1 DE
Plant	1010	MRP type PD Material type ROH Unit PC

Date   GR   ST On   On   Vendor

A..	Date	MRP ...	MRP el...	Rescheduli...	E..	Receipt...	Available Qty
	19.05.2021	Stock					400

Change View "Storage Location MRP": Overview

Plant	1010	

SLoc	Descr. ...	MRP Ind.	Description of MRP indicator
0001	Material		
0002	Finished/F..		
0004	PRT stora...		
101A	Std. stora..		
101B	Std. stora..		
101C	Raw mat...		
101D	EWM Rec...		
101E	PRT stora...		
101F	Returns		
101S	EWM Av. ..		
101Z	Scrap	1	storage location stock excluded from MRP

unfortunately OMIR setting to IGNORE SLoc from MRP is NO LONGER recognized in MD04 (in S/4 2020)

SAP

SAP

1. Create new SLoc 101Z for Scrap purpose
2. No MRP Segment in MRP4 view in S/4
3. MIGO stocks into SLoc 101A, 101B, 101C, 101Z
4. Setup to ignore SLoc 101Z in S/4
5. **Create new MRP area 1010_ABC and 1010_Z**
6. Extend Material to the 2 new MRP areas
7. Check effects of MRP area in MD04
8. Check effects of MRP area in "Check Material Coverage" Fiori App

✓   ▼ « ☐ 🔍 🔍 🔍 🖨 🔍 🔍 ⬆ ⬇ ⬇ ⬇ 🔚 🔚 ❓ 🖥

Display IMG

▽ 📥 🗐 | Existing BC Sets   ☞ BC Sets for Activity   ☞ Activated BC Sets for Activity | Change Log   Where Else Used

Structure

▸ 📖   Plant Maintenance and Customer Service
▸ 📖   Customer Service
▾ 📖   Production
  ▸ 📖   Basic Data
  ▸ 📖   Sales & Operations Planning (SOP)
  ▸ 📖   Production Planning
  ▸ 📖   Capacity Requirements Planning
  ▾ 📖   Material Requirements Planning
    ▸ 📖   Plant Parameters
    ▸ 📖   MRP Groups
    ▸ 📖   Number Ranges
    ▾ 📖   Master Data
      • 📖 ✅ Define MRP Controllers
      • 📖 ✅ Define Missing Parts MRP Controller
      • 📖 ✅ Check MRP Types
      • 📖 ✅ Define Special Procurement Type
      • 📖 ✅ Maintain Planning Calendar
      ▾ 📖   MRP Areas
        • 📖 ✅ Define MRP Areas for Plant/Storage Locations
        • 📖 ✅ Define MRP Areas for Subcontractors
        • 📖 ✅ Define MRP Area Profiles
        • 📖   Maintain Mass Data
      ▸ 📖   Independent Requirements Parameters
  ▸ 📖   Planning
  ▸ 📖   Procurement Proposals

One possible solution for this requirement is to
Setup MRP Area
MRP Area 1010_ABC
for 101A, 101B, 101C SLocs
and
MRP Area 1010_Z
for 101Z SLoc
(so that there can be Planned Separately)

New Entries: Details of Added Entries

Dialog Structure

- ▼ 📁 MRP Areas - Plant/Storage locat
  - • 📁 Plant (one entry per MRP are
  - • 📁 Assign storage locations

MRP Area	1010_ABC	SLoc 101A 101B 101C
MRP Area Type	02	
Plant	1010	Hamburg
Recg stor. loc.	101A	Std. storage 1

Setup MRP Area
MRP Area 1010_ABC for 101A, 101B, 101C SLocs
and
MRP Area 1010_Z for 101Z SLoc

New Entries: Overview of Added Entries

Dialog Structure

- ▼ 📁 MRP Areas - Plant/Storage locat
  - • 📁 Plant (one entry per MRP are
  - • 📁 Assign storage locations

MRP Area	1010_ABC
Plant	1010

MRP Area Storage Locations

Stor. Loc.	Description
101A	Std. storage 1
101B	Std. storage 2
101C	Raw mat. stoloc.
	🔍

SAP

New Entries: Details of Added Entries

Dialog Structure

- ▼ 📁 MRP Areas - Plant/Storage locat
  - · 📁 Plant (one entry per MRP are
  - · 📁 Assign storage locations

MRP Area	1010_Z	SLoc 101Z Scrap
MRP Area Type	02	
Plant	1010	Hamburg
Recg stor. loc.	101Z	Scrap

Setup MRP Area
MRP Area 1010_ABC
for 101A, 101B, 101C
SLocs
and
**MRP Area 1010_Z
for 101Z SLoc
for SCRAP purpose**

New Entries: Overview of Added Entries

Dialog Structure

- ▼ 📁 MRP Areas - Plant/Storage locat
  - · 📁 Plant (one entry per MRP are
  - · 📁 Assign storage locations

MRP Area	1010_Z
Plant	1010

MRP Area Storage Locations

Stor. Loc.	Description
101Z	Scrap
	🔍

SAP

1. Create new SLoc 101Z for Scrap purpose
2. No MRP Segment in MRP4 view in S/4
3. MIGO stocks into SLoc 101A, 101B, 101C, 101Z
4. Setup to ignore SLoc 101Z in S/4
5. Create new MRP area 1010_ABC and 1010_Z
6. **Extend Material to the 2 new MRP areas**
7. Check effects of MRP area in MD04
8. Check effects of MRP area in "Check Material Coverage" Fiori App

Change Material M01 (Raw materials)

Additional Data   Org. Levels   Check Screen Data

| Ext. SPP Basic Data | MRP 1 | MRP 2 | MRP 3 | MRP 4 | Ad... |

MRP procedure

MRP Type	PD	Forecast Consumption, No Planning ...	
Reorder Point		Planning time fence	
Planning cycle		MRP Controller	020

Lot size data

Lot Sizing Procedure	EX	Lot-for-lot order quantity	
Minimum Lot Size		Maximum Lot Size	
Fixed lot size		Maximum Stock Level	
LS-Independent Costs		Storage Costs Code	
Assembly scrap (%)		Takt time	
Rounding Profile		Rounding value	

MRP areas

MRP area exists	☐

Setup MRP Areas for the Material

MRP areas

SAP

Change Material M01 (Raw materials)

⬜ ⇨ Additional Data   ⬛ Org. Levels   ⬛ Check Screen Data   🔒

Ext. SPP Basic Data | MRP 1 | MRP 2 | MRP 3 | MRP 4 | Ad...

MRP procedure

MRP Type

Reorder Point

Planning cycle

Lot size data

Lot Sizing Procedure

Minimum Lot Size

Fixed lot size

LS-Independent Costs

Assembly scrap (%)

Rounding Profile

MRP areas

MRP area exists

Overview: MRP Areas

MRP Area	MRP Area Text	MRP...	For...	Del....	
1010_ABC	🗇			☐	

Extend Material to
MRP Area
1010_ABC

✔ Check | Adopt | 🔍 Display change documents | ❌

SAP

Create MRP Area

Material   M01
              Chain Group 20
MRP Area   1010_ABC   SLoc 101A 101B 101C
MRP Profile
Forecast Prof.
Plant   1010   Hamburg
Del. Ind.   ☐

| MRP 1 | MRP 2 | Forecast | Consmptn values | Advanced Planning | Extended SPP |

General Data

MRP Group   [ ]🗇

MRP Procedure

MRP Type   PD Forecast Consumption, No Planning ...
Reorder Point   Planning time fence
Planning cycle   [ ]   MRP Controller   001

MRP2 view parameters for MRP1, MRP2

Lot Size Data

Lot Sizing Procedure   EX   Lot-for-lot order quantity
Rounding Profile [ ]   Rounding value
Minimum Lot Size   Maximum Lot Size
Fixed Lot Size   Maximum Stock Level
LS-Independent Costs   Storage Costs Code   [ ]
Assembly Scrap (%)   Takt time

In S/4, MRP Area data segment includes Advanced Planning but Activation is still at the Plant level

Change Material M01 (Raw materials)

⇨ Additional Data   🔗 Org. Levels   Check Screen Data   🔒

| Ext. SPP Basic Data | MRP 1 | MRP 2 | MRP 3 | MRP 4 | Ad... |

MRP procedure

MRP Type

Reorder Point

Planning cycle

Lot size data

Lot Sizing Procedure

Minimum Lot Size

Fixed lot size

LS-Independent Costs

Assembly scrap (%)

Rounding Profile

MRP areas

MRP area exists

Overview: MRP Areas

MRP Area	MRP Area Text	MRP...	For...	Del....
1010_ABC	SLoc 101A 101B 101C			☐
1010_Z	SLoc 101Z Scrap			☐

MRP Area extended for the Material

✔ Check   Adopt   Display change documents   ✖

SAP

SAP

1. Create new SLoc 101Z for Scrap purpose
2. No MRP Segment in MRP4 view in S/4
3. MIGO stocks into SLoc 101A, 101B, 101C, 101Z
4. Setup to ignore SLoc 101Z in S/4
5. Create new MRP area 1010_ABC and 1010_Z
6. Extend Material to the 2 new MRP areas
7. **Check effects of MRP area in MD04**
8. Check effects of MRP area in "Check Material Coverage" Fiori App

Stocks in MRP Area 1010_ABC for SLoc 101A, 101B, 101C

Planning should be done now using MRP Area 1010_ABC to only consider stocks from 101A, 101B, 101C

Stock/Requirements List as of 02:4

Material	M01
Description	Chain Group 20
MRP Area	1010_ABC SLoc 101A 101B 101C	Ex. manuf.
Plant	1010 MRP type PD Material type ROH Unit PC

Show Overview Tree   Create PIR   Create Sales Order
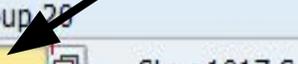
Individual List   Cross-Plant View

A..	Date	MRP ...	MRP eleme	Cust.		Available Qty	
	19.05.2021	Stock				300	

Page   1 / 1

Display Warehouse Stocks of M

Material			
SLoc	Unrestricted	Unit	Trans:
M01			
101A	100	PC	
101B	100	PC	
101C	100	PC	
101Z	100	PC	
* Total			

1. Create new SLoc 101Z for Scrap purpose
2. No MRP Segment in MRP4 view in S/4
3. MIGO stocks into SLoc 101A, 101B, 101C, 101Z
4. Setup to ignore SLoc 101Z in S/4
5. Create new MRP area 1010_ABC and 1010_Z
6. Extend Material to the 2 new MRP areas
7. Check effects of MRP area in MD04
8. **Check effects of MRP area in "Check Material Coverage" Fiori App**

Apps

SAP   Home ▼

pMRP   Demands & Sales Orders   MRP & Evaluation   Capacity Planning   Master Data

Schedule MRP Runs	Monitor Material Coverage Net / Individual Seg...	Check Material Coverage	Monitor Stock / Requirements List	Schedule Order Release Runs	Display MRP Key Figures

Apps

SAP   **Manage Material Coverage**

Materials (0)

Search

No data

Find Material

Material

M01

Chain Group 20

Plant

1010

Shortage Definition

MRP Standard

OK   Cancel

Planning at the MRP Area 1010_ABC with Stocks 300 for SLoc 101A, 101B, 101C
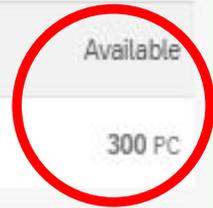
Planning at the
MRP Area 1010_ABC
with Stocks 100
for SLoc 101Z
which is
NOT to be Planned