Set-Up Instructions | PUBLIC
SAP S/4HANA Cloud
2024-12-06

Setting Up *Resource Management in Warehousing* **(3W0)**
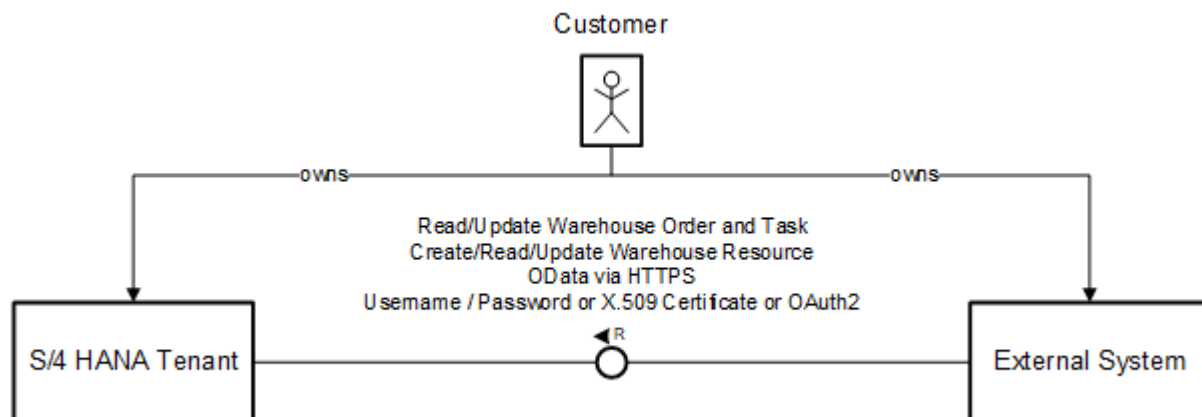
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Content

1 Purpose

This document describes additional configuration steps that you must carry out in the productive system on customer site to activate the Resource Management in Warehousing (3W0). As these configuration steps are company-specific, they cannot be delivered by SAP, and must be carried out by the company setting up the SAP solution. The OData Services are only visible when the scope item 3W0 Resource Management in Warehousing is activated.

The figure in the next chapter gives you an overview of the systems and their connection within Resource Management in Warehousing (3W0).

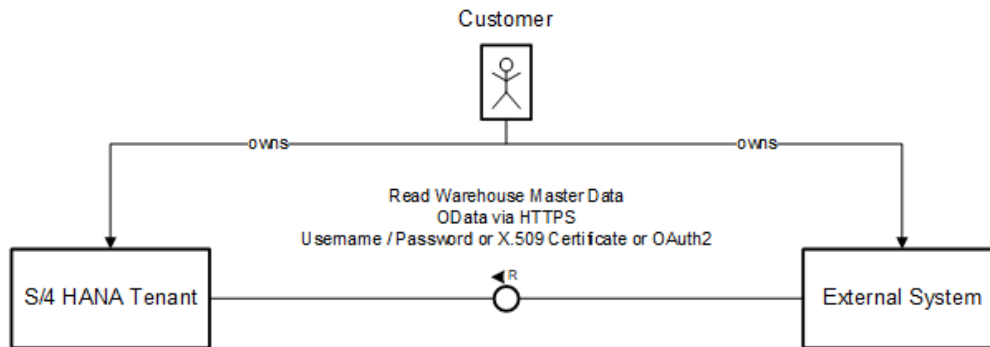## 1.1 Warehousing - Process Warehouse Task Integration (SAP_COM_0353)

This communication scenario offers OData services for retrieving and changing the warehouse-related business objects of warehouse order, warehouse task, and warehouse resource.

The OData services enable you to retrieve warehouse orders and warehouse tasks and to work on the warehouse tasks. In order to prevent two users from attempting to process the same warehouse order at the same time, you must start with the API_Warehouse_Resource service, first to log on a user to a resource and then to assign the resource to the selected warehouse order.

You can also cancel warehouse tasks.

1.2 Warehousing – Master Data Integration (SAP_COM_0374)

This communication scenario offers OData services for retrieving the following object:

- Warehouse
- Warehouse Storage Type
- Warehouse Storage Bin
- Warehouse Fixed Bin Assignment

2 Preparation

2.1 Required Information

During the course of the activities described in this guide, you need to enter or provide system-specific information. To ensure a smooth and efficient integration to SAP S/4HANA Cloud Public Edition, we recommend that you have the information listed in the table below at hand prior to starting the integration process.

Information Required:

SAP S/4HANA Cloud Public Edition system	SAP S/4HANA Cloud Public Edition <choose current release version>

3 Communication Arrangement

A communication arrangement needs to be activated in SAP S/4HANA for communication with web services.

Communication Arrangement ID	Name of Communication Arrangement
SAP_COM_0353	Warehousing - Process Warehouse Task Integration
SAP_COM_0374	Warehousing - Storage Bin Integration

3.1 Create Technical Communication User

Prerequisite

In order to carry out the following activity, a business user with a business role must exist. The business role must contain the business catalog *SAP_CORE_BC_COM* (Communication Management), for example, the business role *SAP_BR_ADMINISTRATOR* is required.

Procedure

1. Log on to the SAP Fiori launchpad in the SAP S/4HANA Cloud Public Edition system.
2. Select the *Maintain Communication Users* tile.
3. Choose *New* to create a new user (for example, `COM353SID100`).

   > ⓘ Note
   >
   > You can choose a user name with the following naming convention:
   >
   > COM353 stands for the communication arrangement id.
   >
   > SID stands for the system Id of the SAP S/4HANA Cloud Public Edition system.
   >
   > 100 stands for the client of the SAP S/4HANA Cloud Public Edition system.

4. Enter a description for the user.
5. Assign a password for the user.
6. Choose *Create*.

7. Make a note of the user data. This is required when you create the communication arrangement.
8. Repeat steps 3 to 7 to create user `COM374SID100`.

3.2 Create Communication System

Procedure

1. Log on to the SAP Fiori launchpad in the SAP S/4HANA Cloud Public Edition system.
2. Choose *Communication Systems* tile.
3. Choose *New* to create a new system.
4. Enter a system ID and a system name.

> ⓘ Note
>
> *System ID:* `COM_0353`
>
> *System Name:* `COM_0353`

5. Choose *Create*.
6. Enter information regarding the system you wish to integrate in the *Technical Data* section.

> ⓘ Note
>
> *Host Name:* `<your SAP S/4HANA Cloud Public Edition system host name>`
>
> *Business System:* `COM_0353`

7. On the *Communication System* screen, choose *User for Inbound Communication Add*.
8. In the *New User for Inbound Communication* dialog box, make the following entries:

> ⓘ Note
>
> *User Name:* `COM353SID100`
>
> *Authentication Method:* `User Name and Password`

9. In the *New User for Inbound Communication* dialog box, choose *OK*.
10. Choose *Save*.
11. Repeat steps 3 to 10 for Communication System `COM_0374` with Technical User `COM374SID100`.

3.3 Create Communication Arrangement

Procedure

1. Log on to the SAP Fiori launchpad in the SAP S/4HANA Cloud Public Edition system.
2. Select the *Communication Arrangements* tile.
3. Choose *New* to create a new communication arrangement.
4. In the *New Communication Arrangement* dialog box, enter *SAP_COM_0353 (Warehousing - Process Warehouse Task Integration)* in the *Scenario* field.
5. Adapt the *Arrangement Name* if required.
6. Choose *Create*.
7. In the *Common Data* section, select the *Communication System* from the input help that was created in the *Create Communication System* section.
8. The technical user that was created in the *Create Technical Communication User* section is automatically added to the *Inbound Communication* section.
9. Choose *Save*.
10. Repeat steps 3 to 9 for Communication Arrangement *SAP_COM_0374 (Warehousing – Storage Bin Integration)*.

The communication arrangement has been activated.

4 Interaction with the SAP Cloud Service Center

Use

Create a ticket to request that SAP supports with the technical issues of the Communication Arrangements.

Procedure

1. Create a ticket for component XX-S4C-OPR-SRV using the SAP Support Launchpad. You need to provide the service center the information listed in the table at the start of this guide.

5 Appendix

5.1 Ticket Component

Implementation Step	Component	Comment
	SCWM-EWM-CNT	For issues concerning SAP Best Practices content

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