



PUBLIC

Enable OData V4 Service Groups in an SAP EWM System

SAP Warehouse Insights

DOCUMENT HISTORY

Document Version	Description
1.0	First official release of this guide

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BUSINESS SCENARIO

This guide targets at the audience that wants to configure SAP EWM for the integration with SAP Warehouse Insights 2108 or higher. With SAP Warehouse Insights 2108 or higher, you can view the resource execution data in the new “Resource Indoor Positioning” app.

To be able to do this, you have to set up the integration with an IoT service, and your release is SAP S/4 HANA 2021 FPS00 or higher.

BACKGROUND INFORMATION

SAP Warehouse Insights is a product for the optimization of warehouse operations and resource utilization.

You can use SAP Warehouse Insights to achieve the following purposes:

- To optimize the assignment of warehouse orders to resources to minimize empty travel distances
- To analyze KPIs of warehouse operations, such as workload and travel distances of resources
- To visualize the warehouse layout and resource travel paths
- To define and update storage bin coordinates
- To visualize indoor positioning data of resources

You can integrate SAP Warehouse Insights with SAP Extended Warehouse Management (EWM) as a standalone product, decentralized EWM based on SAP S/4HANA or EWM as a part of SAP S/4HANA. To be brief on the product names, SAP EWM is used for references to these deployments in this guide.

PREREQUISITES

If your SAP EWM release belongs to one of the following releases, you can ignore the SAP notes in the following paragraphs of this section and directly navigate to the step-by-step section:

- SAP S/4HANA 2021 FPS00

Disclaimer: Note that some of the releases might not have been delivered by SAP yet. The actual public delivery of these releases is subject to SAP.

STEP-BY-STEP PROCEDURE

Enable OData V4 Service Groups

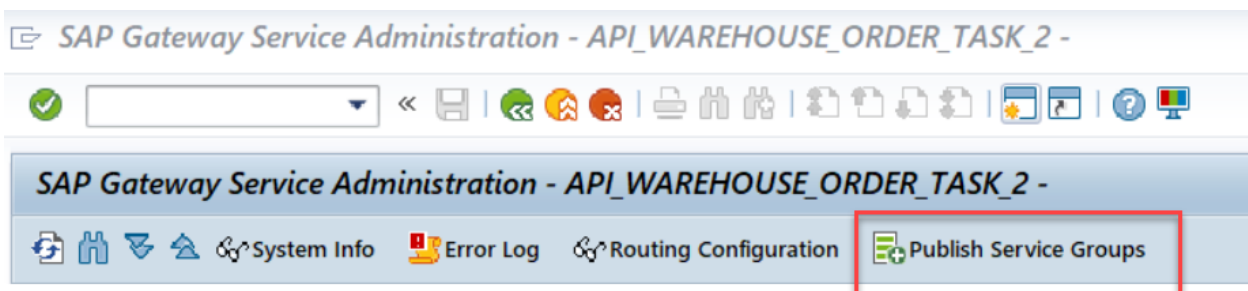
In this section, you can find all necessary steps to enable OData V4 service groups in SAP EWM.

The following service groups are required:

Gateway Service Group ID	Description
API_WAREHOUSE_RESOURCE_2	API service for Warehouse Resource
API_WAREHOUSE_ORDER_TASK_2	API service for Warehouse Order/ Warehouse Task

Procedure

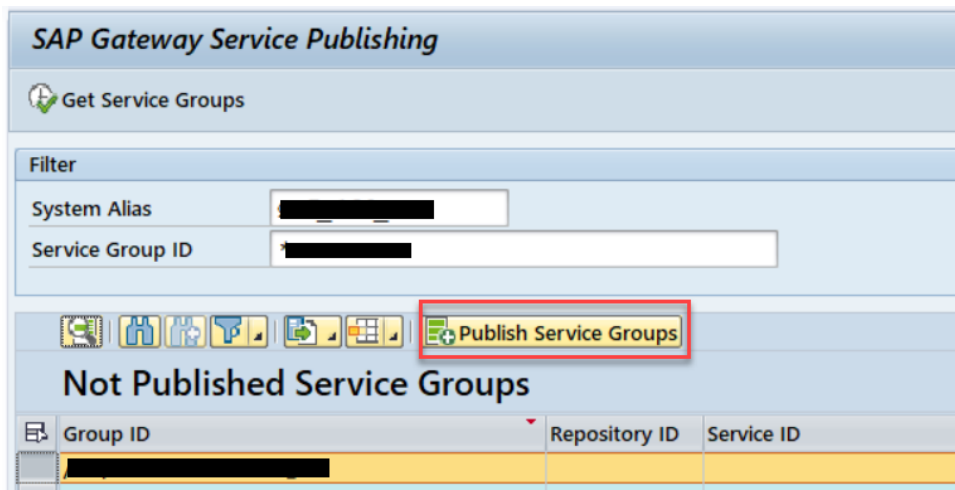
1. Run the transaction code `/IWFND/V4_ADMIN` on the client from which you publish the Gateway OData V4 Service. The transaction code `/IWFND/V4_ADMIN` refers to the SAP Gateway Service Administration.
2. Choose *Publish Service Groups*:



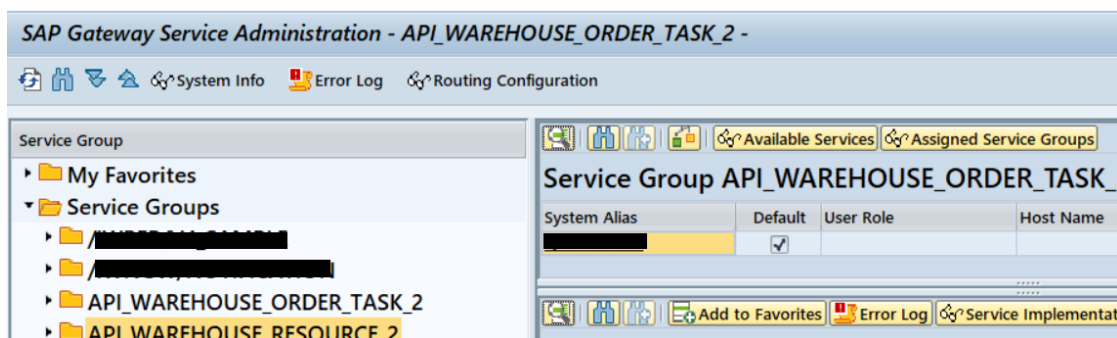
3. In the popup, enter the system alias and the service group ID.

The screenshot shows the 'SAP Gateway Service Publishing' dialog box. It has a 'Get Service Groups' button and a 'Filter' section. The 'Filter' section contains two input fields: 'System Alias' (with a yellow highlight) and 'Service Group ID'.

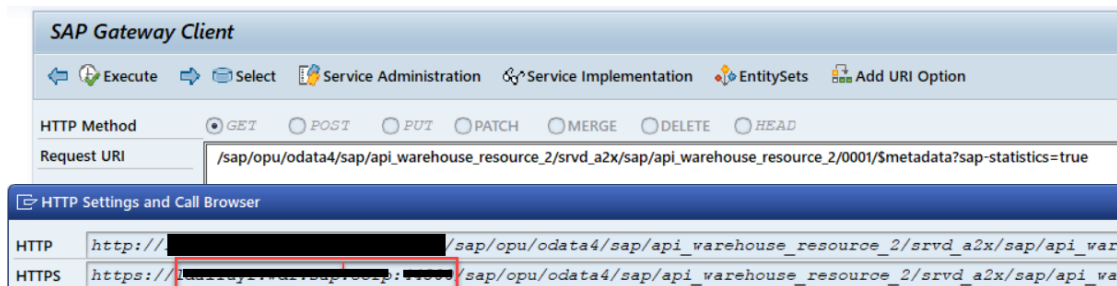
4. Choose *Get Service Groups*.
Select the first service group `API_WAREHOUSE_RESOURCE_2` from the list and choose *Publish Service Groups*.



5. Go back to the *SAP Gateway Service Administration* and check the service group *API_WAREHOUSE_RESOURCE_2*.



6. Go to the *SAP Gateway Client* and test your connection.



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