SAP S/4HANA for waste and recycling, environmental services add-on by PROLOGA - Automated Route Planning - Config Guide
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Relevance

This documentation is relevant for:
- SAP S/4HANA for waste and recycling, environmental services add-on by PROLOGA
- Cloud SAP S/4HANA for waste and recycling, environmental services add-on by PROLOGA
- SAP S/4HANA Cloud for waste and recycling, private edition, environmental services add-on by PROLOGA

Whenever SAP S/4HANA for waste and recycling, environmental services add-on by PROLOGA is referred to in the following, the mentioned products above are always meant as well. To ensure a better overview when reading the document, SAP S/4HANA for waste and recycling, environmental services add-on by PROLOGA is used as a reference of all products.

Document History

Before you start the implementation, make sure you have the latest version of this document. You can find the latest version at the following location: SAP S/4HANA for waste and recycling, environmental services add-on by PROLOGA

The following table provides an overview of the most important document changes.

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Table 1: Most important document changes

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Glossary
Attention

Note
1 Introduction

*SAP Waste and Recycling, automated route planning option by PROLOGA* is a cloud solution, which provides functions for automated planning of service orders in a commercial route collection scenario. *SAP S/4HANA for waste and recycling* can be used as a source system that provides the order.

This document describes the procedures required to activate the application *Automated Route Planning* after a successful installation of *SAP S/4HANA for waste and recycling, environmental services add-on by PROLOGA*.

For more information see also:

User Manual: Master Data and Settings

*SAP S/4HANA Cloud for waste and recycling, private edition, environmental services add-on by PROLOGA*
2 Configuration

2.1 Activate Plug-ins

To activate the ATP Plug-ins, please proceed as follows:

2. Choose the following 3 plug-ins:
   - [ATP_PLANGRP]
   - [ATP_PLANGRP_HIDEWERK]
   - [ATP_PLANGRP_SET]
3. Activate the plug-ins by choosing .

![Figure 1: Activate plug-ins](image)

2.2 RFC Connections

RFC connections are configured for the entire system. If several clients are to be connected to an ARP cloud system, a separate RFC connection is required for each client.

To create an RFC connection, please proceed as follows:

1. Start transaction `SM59`.
2. Choose `Create`.
3. Enter the `Target System Settings` and `HTTP Proxy Options` under `Technical Settings`:
4. Under *Logon & Security*, enter the data for *Logon with User*: 

![Technical Settings](image.png)
5. Enter the settings under *Special Options* and save:
2.3 SSL Certificate

To import SSL certificates, proceed as follows:

1. Start the Trust Manager using transaction STRUST.
2. Select SSL Client SSL Client (default)
3. Select Import Certificate and import the certificate
   
   `CN=coreEXAMPLE.connectedorders.com`
4. Select Add to Certificate List. Now you can find the certificate in the certificate list.
5. Then run a connection test. To do so, start transaction **SM59**.

6. Select the configured RFC Connection and choose **Connection Test**.
Figure 6: Connection Test

Figure 7: Connection Test - Result
2.4 RFC Destination for Client

RFC connections are configured for the entire system. If several clients are to be connected to an ARP cloud system, a separate RFC connection is required for each client.

1. Start transaction /WATP/ATP_CONFIG.
2. Select the RFC connection you created in transaction SM59 for the client as the RFC target and save your entries.

![RFC Destination for Client](image)

Figure 8: RFC Destination for Client

2.5 ATP Tasks

To create the ATP tasks, proceed as follows:

1. Start transaction /WATP/BASE_ADMIN.
2. 3 tasks are required:
   - **ATP_PUBLISH_PLANGRP** - provides the planner groups in the ARP Cloud
   - **ATP_PUBLISH_SCENARIO** - provides the planning data for a scenario in the ARP Cloud
   - **ATP_RECLAIM_SCENARIO** - Transfers the finished solution for a planned scenario from the ARP cloud to the backend

   The tasks are available as task templates. Choose *Create Task*.
3. Once the tasks have been created, they must be scheduled: