



Set-Up Instructions | PUBLIC

SAP S/4HANA

2020-09-17

## **Setting Up** *Compliance Management with SAP Global Trade Services (24J)*

# Content

<b>1</b>	<b>Purpose</b> .....	<b>3</b>
<b>2</b>	<b>Preparation</b> .....	<b>4</b>
2.1	Prerequisites .....	4
<b>3</b>	<b>Configuration</b> .....	<b>5</b>
3.1	Integration Setup in SAP S/4HANA On-Premise .....	5
	Define Logical System .....	5
	Assign Logical System .....	6
	Maintain RFC Destination .....	6
	Maintain RFC Destination for Method Call .....	7
	Maintain ALE Distribution Model .....	8
	Activate BADIs .....	9
3.2	Integration Setup in SAP Global Trade Services .....	10
	Maintain RFC Destination .....	10
	Define a Logical System .....	11
	Define Group of Logical Systems .....	12
	Assign Logical System to a Group of Logical Systems .....	13
	Maintain RFC Destinations for Method Calls .....	14

# 1 Purpose

This document describes additional configuration steps for the SAP S/4HANA on-premise customer to setup the integration with their on-premise SAP Global Trade Services (GTS).

# 2 Preparation

## 2.1 Prerequisites

Before you start this configuration guide, check that the following are installed:

- SAP S/4HANA on-premise system
- SAP Global Trade Services (version 11) system

# 3 Configuration

The following sections describe all integration settings required for this scope item. These can be divided into the following main groups:

- Integration Setup in SAP S/4HANA on-premise
- Integration Setup in SAP Global Trade Services

## 3.1 Integration Setup in SAP S/4HANA On-Premise

The following integration setup activities must be performed in the SAP S/4HANA On-Premise system.

### 3.1.1 Define Logical System

#### Use

In this activity, you define the SAP GTS logical system.

#### i Note

If your SAP S/4HANA logical system has not been created, you can also use this activity to create it.

#### Procedure

1. Access the transaction using the following navigation option:  
    ▶ [SAP NetWeaver](#) ▶ [Application Server](#) ▶ [IDoc Interface /Application Link Enabling \(ALE\)](#) ▶ [Basic Settings](#) ▶  
    [Logical Systems](#) ▶ [Define Logical System](#) ▶  
    Transaction Code: **BD54**
2. On the *Change View "Logical Systems": Overview* screen, choose *New Entries*.
3. On the *New Entries: Overview of Added Entries* screen, create the following entries and then choose *Save*:

Field Name	Entry	Comment
<i>Logical System</i>	for example, using the standard naming convention: <b>&lt;system name&gt;CLNT&lt;client number&gt;</b>	Define the logical system for your SAP GTS system
<i>Name</i>	<b>&lt;name of logical system&gt;</b>	

## 3.1.2 Assign Logical System

### Use

In this activity, you assign the logical system.

#### i Note

If your SAP S/4HANA system has the assigned logical system, skip this activity.

### Procedure

1. Access the transaction using the following navigation option:  
▶ *SAP NetWeaver* ▶ *Application Server* ▶ *IDoc Interface / Application Link Enabling (ALE)* ▶ *Basic Settings* ▶ *Logical Systems* ▶ *Assign Logical System to Client* ▶  
*Transaction Code: SCC4*
2. On the *Display View "Clients": Overview* screen, choose *Display -> Change*.
3. Double-click the line of for your SAP S/4HANA client.
4. On the *Change View "Clients": Details* screen, assign the created logical system of SAP S/4HANA in the *Logical System* field.
5. Save your changes.

## 3.1.3 Maintain RFC Destination

### Use

In this activity, you maintain the RFC connection for the GTS system.

## Procedure

1. Access the transaction using the following navigation option:  
*Transaction Code: /SAPSL/MENU\_LEGALR3*
2. On the *SAP Global Trade Services* screen, choose ► *Basic Settings* ► *System Connection to GTS* ► *Maintain RFC Destinations for RFC Calls* ►.
3. On the *Configuration of RFC Connections* screen, choose *Create*.
4. On the *Create Destination* screen, enter the following data and then choose *Continue*:

Field Name	Entry Value	Comment
Destination	<ID of RFC destination to your SAP GTS system>	
Connection Type	3	

5. Choose the *Technical Settings* tab.
6. Make the following entries:

Field Name	Entry Value	Comment
Description 1	<RFC destination name>	
Target Host	<hostname of SAP GTS system>	
Instance No	<system number of SAP GTS system>	

7. Choose the *Logon & Security* tab.
8. Make the following entries:

Field Name	Entry Value	Comment
Client	<target client of SAP GTS>	
User	<RFC connection user>	
Password	<password of connection user>	

9. Choose *Save*.
10. Choose the *Connection Test* button to verify whether the connection is working. If the connection test is not successful, you need to do analysis and troubleshooting.

## 3.1.4 Maintain RFC Destination for Method Call

### Use

In this activity, you maintain the RFC connection for the GTS system for method calls.

## Procedure

1. Access the transaction using the following navigation option:  
*Transaction Code: /SAPSLI/MENU\_LEGALR3*
2. On the *SAP Global Trade Services* screen, choose ► *Basic Settings* ► *System Connection to GTS* ► *Maintain RFC Destinations for Method Calls* ⌵.
3. On the *Assign RFC Destinations for Synchronous Method Calls* screen, choose the logical system of the SAP GTS system from the list you can call from SAP S/4HANA.
4. To assign the RFC destination of the SAP GTS system for BAPIs, choose *Standard BAPI Destination*.
5. To assign the RFC destination of the SAP GTS system for dialogs, choose *Standard Dialog Destination*.
6. Choose *Save*.

## 3.1.5 Maintain ALE Distribution Model

### Use

In this activity, you maintain the ALE distribution model.

## Procedure

1. Access the transaction using the following navigation option:  
*Transaction Code: /SAPSLI/MENU\_LEGALR3*
2. On the *SAP Global Trade Services* screen, choose ► *Basic Settings* ► *System Connection to GTS* ► *Maintain ALE Distribution Model* ⌵.
3. On the *Display Distribution Model* screen, switch to the edit model.
4. On the *Change Distribution Model* screen, choose *Create Model View*.
5. On the *Create Model View* dialog box, enter the following data and choose *Continue*:

Field Name	Entry Value	Comment
Short Text	<for example, SAP GTS Integration>	
Technical Name	<for example, SLL-LEG>	

6. Select the model view and choose *Add BAPI*.
7. In the dialog box, make the following entries:

Field Name	Entry Value	Comment
Sender/client	<logical system of SAP S/4HANA>	

Field Name	Entry Value	Comment
Receiver/server	<logical system of SAP GTS>	
Object name/interface	CustomsDocumentIF	
Method	SynchronizelfR3	

- Choose *Add BAPI* again.
- In the dialog box, make the following entries:

Field Name	Entry Value	Comment
Sender/client	<logical system of SAP S/4HANA>	
Receiver/server	<logical system of SAP GTS>	
Object name/interface	CustomsDocumentIF	
Method	Display	

- Choose *Save*.

## 3.1.6 Activate BADIs

### Use

In this activity, you activate the BADIs.

#### i Note

This activity is only relevant for the *Compliance Management with SAP Global Trade Services* (24J) and *Customs Management with SAP Global Trade Services* (2U1) scope items. If the BADIs listed here are not activated, you need to activate them. Do not reactivate them again, and do not reactivate them in an attempt to deactivate the BADIs.

### Procedure

- Access the transaction using one of the following navigation options:  
*Transaction Code:* **SPRO**  
*IMG Path:* [▶ SAP Customizing Implementation Guide](#) [▶ Integration with Other SAP Components](#) [▶ Integration with Governance, Risk, and Compliance](#) [▶ SAP Global Trade Services](#) [▶ Control Data for Transfer to SAP Global Trade Services](#) [▶ Technical Activation of Document Transfer](#) [▶](#)
- For the *Compliance Management with SAP Global Trade Services* (24J) scope item, execute the following IMG activities:

- Activate Transfer of Purchasing Documents (MMOA)
  - Activate Transfer of Inbound Deliveries (MMOB)
  - Activate Transfer of Sales Documents (SDOA)
  - Activate Transfer of Outbound Deliveries (SDOB)
3. For the *Customs Management with SAP Global Trade Services* (2U1) scope item, execute the following IMG activities:
    - Activate Transfer of Material Documents (MMOC)
    - Activate Transfer of Billing Documents (SDOC)
  4. To get additional checks for the *Customs Management with SAP Global Trade Services* (2U1) scope item, access the transaction using one of the following navigation options:  
*Transaction Code: SPRO*  
*IMG Path: ► SAP Customizing Implementation Guide ► Integration with Other SAP Components ► Integration with Governance, Risk, and Compliance ► SAP Global Trade Services ►*
  5. Execute the following IMG activities:
    - Activate Hold of GI Posting If Export License Missing
    - Activate Hold of GR Posting from Inb. Delivery if No Unloading Permission

## 3.2 Integration Setup in SAP Global Trade Services

The following steps need to be performed in your SAP Global Trade Services system to set up the outbound communication from the SAP Global Trade Services system to the SAP S/4HANA system.

### 3.2.1 Maintain RFC Destination

#### Use

In this activity, you create the RFC destination to the SAP S/4HANA on-premise system.

#### Procedure

1. Access the transaction by choosing one of the following navigation options:

SAP Menu ► Tools ► Administration ► Administration ► Network ► RFC Destinations ►

2. On the *Configuration of RFC Connections* screen, choose *Create*.
3. On the *Create Destination* screen, make the following entries and choose *Continue*:

Field name	User action and values	Comment
<i>Destination</i>	<the ID of the RFC destination to SAP S/4HANA>	
<i>Connection Type</i>	3	

4. Choose the *Technical Settings* tab.
5. Make the following entries and choose *Save*:

Field name	User action and values	Comment
<i>Target Host</i>	<host name of SAP GTS>	
<i>Instance No</i>	<system number of SAP GTS>	

6. Choose the *Logon & Security* tab.
7. Make the following entries and choose *Save*:

Field name	User action and values	Comment
<i>Client</i>	<target client of SAP S/4HANA>	
<i>User</i>	<RFC connection user>	
<i>Password</i>	<password of connection user>	

8. To verify that the connection works, choose the *Connection Test* button. If the connection test is not successful, you must perform analysis and troubleshooting.

## 3.2.2 Define a Logical System

### Use

In this activity, you define the logical system for the SAP S/4HANA Cloud system.

## Procedure

- To perform the activity in the SAP GTS system, choose one of the following navigation options:

IMG Menu ▶ SAP Global Trade Services ▶ System Communication ▶  
Define Logical System ▶

---

Transaction Code **SPRO**

---

- If the *Caution: The table is cross-client* dialog box displays, choose *Continue*.
- Choose *New Entries*.
- On the *New Entries: Overview of Added Entries* screen, make the following entries and then choose *Save*:

Field Name	User Action and Values	Comment
<i>Log.System</i>	<ID of SAP S/4HANA on-premise system> (using the naming convention <system name>CLINT<client number>	
<i>Name</i>	Name of the logical system	

## 3.2.3 Define Group of Logical Systems

### Use

In this step, you create a new group of logical systems. If you decide to use an existing group, you can skip this step.

### Procedure

- Access the transaction choosing the following navigation option:

IMG menu ▶ SAP Global Trade Services ▶ System Communication ▶ Define Group of Logical Systems ▶

---

Trans- action Code **SPRO**

---

- If the *Caution: The table is cross-client* dialog box displays, choose *Continue*.

3. Choose *New Entries*.
4. On the *Change View "Logical System Group": Details* screen, make the following entries and choose *Save*:

Field name	User action and values	Comment
<i>Logical System Group</i>	<name of logical system group>	
<i>Description</i>	<description of logical system group>	
<i>Role of Logical System Group</i>	<role of logical system group>	

## 3.2.4 Assign Logical System to a Group of Logical Systems

### Use

In this step, you assign the logical system to the logical system group.

### Procedure

1. Access the transaction choosing the following navigation option:

IMG ► SAP Global Trade Services ► System Communication ► Assign Logical System to a Group of Logical  
Menu Systems ►

Trans-  
action  
Code

**SPRO**

2. If the *Caution: The table is cross-client* dialog box displays, choose *Continue*.
3. Choose *New Entries*.
4. On the *Change View "Logical System Grouping: Assign Logical System": Details* screen, make the following entries and choose *Save*:

Field name	User action and values	Comment
<i>Logical System</i>	<logical system of SAP S/4HANA system>	

Field name	User action and values	Comment
<i>Logical System Group</i>	<logical system group>	

## 3.2.5 Maintain RFC Destinations for Method Calls

### Use

In this step, you assign RFC destinations for method calls in the SAP GTS system.

### Procedure

1. In the *Command* field, enter `/SAPSLI/MENU_LEGAL` and press .
2. On the *SAP Global Trade Services* screen, in the *System Administration* area, choose *System Communication*.
3. On the *System Administration: System Communication* screen, from the *System Connection* area, choose *Maintain RFC Destinations*.
4. On the *Assign RFC Destinations for Synchronous Method Calls* screen, choose the logical system of the SAP S/4HANA system.
5. Choose *Standard BAPI destination*.
6. In the *Assign RFC Destinations for Synchronous Method Calls* dialog box, make the following entries and then choose *Continue*:

Field name	User action and values	Comment
<i>RFC destination for BAPI calls</i>	<RFC destination connection of SAP S/4HANA system>	

7. Choose *Save*.

# Important Disclaimers and Legal Information

## Hyperlinks

Some links are classified by an icon and/or a mouseover text. These links provide additional information.

About the icons:

- Links with the icon : You are entering a Web site that is not hosted by SAP. By using such links, you agree (unless expressly stated otherwise in your agreements with SAP) to this:
  - The content of the linked-to site is not SAP documentation. You may not infer any product claims against SAP based on this information.
  - SAP does not agree or disagree with the content on the linked-to site, nor does SAP warrant the availability and correctness. SAP shall not be liable for any damages caused by the use of such content unless damages have been caused by SAP's gross negligence or willful misconduct.
- Links with the icon : You are leaving the documentation for that particular SAP product or service and are entering a SAP-hosted Web site. By using such links, you agree that (unless expressly stated otherwise in your agreements with SAP) you may not infer any product claims against SAP based on this information.

## Videos Hosted on External Platforms

Some videos may point to third-party video hosting platforms. SAP cannot guarantee the future availability of videos stored on these platforms. Furthermore, any advertisements or other content hosted on these platforms (for example, suggested videos or by navigating to other videos hosted on the same site), are not within the control or responsibility of SAP.

## Beta and Other Experimental Features

Experimental features are not part of the officially delivered scope that SAP guarantees for future releases. This means that experimental features may be changed by SAP at any time for any reason without notice. Experimental features are not for productive use. You may not demonstrate, test, examine, evaluate or otherwise use the experimental features in a live operating environment or with data that has not been sufficiently backed up.

The purpose of experimental features is to get feedback early on, allowing customers and partners to influence the future product accordingly. By providing your feedback (e.g. in the SAP Community), you accept that intellectual property rights of the contributions or derivative works shall remain the exclusive property of SAP.

## Example Code

Any software coding and/or code snippets are examples. They are not for productive use. The example code is only intended to better explain and visualize the syntax and phrasing rules. SAP does not warrant the correctness and completeness of the example code. SAP shall not be liable for errors or damages caused by the use of example code unless damages have been caused by SAP's gross negligence or willful misconduct.

## Gender-Related Language

We try not to use gender-specific word forms and formulations. As appropriate for context and readability, SAP may use masculine word forms to refer to all genders.

© 2020 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company. The information contained herein may be changed without prior notice.

Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors. National product specifications may vary.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies.

Please see <https://www.sap.com/about/legal/trademark.html> for additional trademark information and notices.