



Set-Up Instructions | PUBLIC
SAP S/4HANA
2020-09-17

Setting Up *Requirements Driven Development* (2G4)

Content

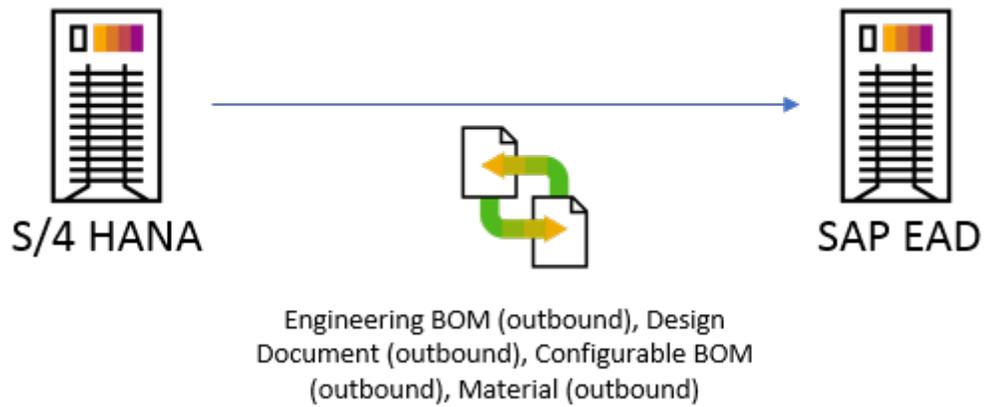
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1 Purpose

This document describes additional configuration steps that must be carried out by customers to activate the *Requirements Driven Development (2G4)* scope item. As these configuration steps are customer-specific, they cannot be delivered by SAP, and must be carried out by the customer.

The following figure provides an overview of the systems and their connections within.

Scenario: SAP_COM_0215



2 Preparation

2.1 Prerequisites

In order to carry out these setup activities, 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 (Administrator) is required.

iNote

The *Requirements Driven Development (2G4)* scope item must be active. To verify, check the *Manage Your Solution* app under *View Solution Scope*.

If the scope item is not active, please request the activation via BCP – Ticket Component: XX-S4C-OPR-SRV.

3 Configuration in SAP S/4HANA

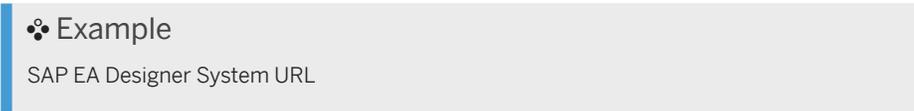
3.1 Communication Arrangement

A communication arrangement needs to be activated in SAP S/4HANA for communication with the SAP Enterprise Architecture Designer application.

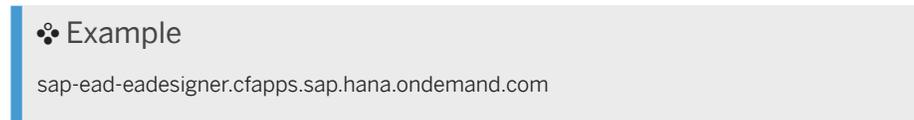
3.1.1 Configuration of RFC Connection

Procedure

1. Access the transaction code **SM59**.
2. Choose *HTTP Connections to External Server* and double click the *Create* button on the toolbar.
3. In the *RFC Destination* window, specify the following information:

| Field Name | Entry Value |
|-----------------|---|
| RFC destination | EAD_SYSTEM_URL |
| Description | Enter a description for your RFC.  |

4. On the *Technical Settings* tab, make the following entries:

| Field Name | Entry Value |
|-------------|--|
| Target Host | Host of your SAP EA Designer  |

| Field Name | Entry Value |
|-------------|---|
| Port | <p>TCP port of your SAP EA Designer</p> <p>Note that you do not need to specify a port if a standard port is provided.</p> <ul style="list-style-type: none"> ○ HTTP: 80 ○ HTTPS: 443 |
| Path Prefix | <p>Path prefix of your SAP EA Designer</p> <div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> <p>❖ Example</p> <p>/powerdesigner-web/resources/index.html</p> </div> |

5. On the *Logon & Security* tab, in the *Security Options* section, set the *SSL* field based on your URL protocol type.

→ Tip

Choose *Inactive* for HTTP or *Active* for HTTPS.

6. Choose *Save*.

4 Configuration in the SAP Enterprise Architecture Designer Application

SAP Enterprise Architecture Designer, cloud edition is a multifunctional web application that allows you to browse, create, and edit diagrams and objects. Using industry-standard notations and techniques, organizations can leverage rich metadata and use models and diagrams to create innovative systems, information sets, and processes.

This section provides information on how to configure the SAP Enterprise Architecture Designer application for requirements driven development.

For more information on configuring SAP Enterprise Architecture Designer, see the *Administering SAP Enterprise Architecture Designer, cloud edition* guide on SAP Help Portal.

4.1 Configure User Authorization in the EAD Application

Context

The user in the SAP Enterprise Architecture Designer application must be authorized to create requirement models.

Procedure

1. Log on to the SAP Enterprise Architecture Designer application as an Administrator.
The SAP Enterprise Architecture Designer home page displays.
2. Proceed as follows to grant the **Edit on Web** authorization to the user:
 - a. In the *Administration Tasks* section, choose *Manage Users*.
 - b. In the *Full Name* column, choose the user who you want to authorize.
 - c. On the *Info* tab, in the *Rights* section, select the *Edit on Web* check box.
 - d. Choose *Save*.The **Edit on Web** authorization is granted to the user.
3. Proceed as follows to grant edit permission on the Repository folder to the user:
 - a. Browse to the SAP Enterprise Architecture Designer home page.
 - b. In the *Quick Links* section, choose *Browse "Repository"*.
 - c. On the *Permissions* tab, choose the + icon.

- d. In the dialog box that opens up, select the user and choose *OK*.
- e. In the *Granted Permissions* column of the user record, select *Write*.
- f. Choose the *Save Changes* icon.

The edit permission on the Repository folder is granted to the user.

4.2 Connect to External Systems

You can assign requirements stored in SAP Enterprise Architecture Designer to business objects stored in other systems in order to include these external objects in your impact analysis.

Prerequisite

You must have an SAP Enterprise Architecture Designer user with the **Edit Extensions on Web** access right.

For more information, search for the *Administering SAP Enterprise Architecture Designer, cloud edition* guide on SAP Help Portal and see the *Granting Rights to Users and Groups* section.

4.2.1 Specify External Systems Version

Context

Before you can assign requirements to external objects, you need to activate the metamodels for these objects in SAP Enterprise Architecture Designer.

Procedure

1. In the homepage of SAP Enterprise Architecture Designer, on the *Administration Tasks* card, choose [Configure SAP EA Designer](#) > [External Systems](#) > [System Versions](#) .

Two tables are displayed on the page. The left table lists the object types that are currently active and available for assigning to requirements, along with system information of the object type, and the number of objects which have been assigned in SAP Enterprise Architecture Designer. The table on the right lists the assignable object types of each external system version.

2. Select the appropriate version for your external system in the dropdown list above the right table.

To review the attributes and other details of each object, click the name of the object type in the table.

3. Choose *Activate*.

For object types that are currently active and marked as *Changed* in the right table, note that after another activation, any objects of this type already created in SAP Enterprise Architecture Designer will be deleted.

4. If you have more than one external system connected to SAP Enterprise Architecture Designer, switch the system versions in the drop-down list and repeat the above steps.

5 Appendix

5.1 Ticket Component

| Implementation Step | Component | Comment |
|---------------------|-----------|---------|
| All | PLM-CNT | |

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