ARIS Requirements

PROCESS-DRIVEN MANAGEMENT FOR SAP®

Version 10.0

April 2017

This document applies to ARIS Version 10.0 and to all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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1 Required SAP systems

If you are going to use Process-Driven Management for SAP® Solutions these requirements must be fulfilled. For details see **ARIS - Process-driven Management for** and **ARIS System Requirements** on DVD, ARIS Download Center (aris.softwareag.com) or Empower (https://empower.softwareag.com/).

SAP SYNCHRONIZATION, START TRANSACTIONS/EXECUTABLES, SHOW BLUEPRINT

Ensure that a local SAP GUI for Windows installation exists on all client computers. To run transactions, you need one of the following SAP systems in one of the following languages: **German (de)**, **English (en)**, **French (fr)**, **Spanish (sp)**, or **Japanese (ja):**

- Local SAP GUI for Windows installation, version 7.1 to 7.4
- ECC 6.0 (de, en, fr, sp, ja)
- SAP JCo on every client computer, ARIS server and download client.
- Transfer the transport requests on SAP Solution Manager 7.1 (synchronization and customizing).

  On SAP Solution Manager 7.2, only the transport request for synchronization is needed if you want to migrate former Solution Manager 7.1 projects to solutions.
- For Solution Manager synchronization, you also need SAP Java Connector **3.0.11**, or a higher **3.0x** version. It must be installed on your ARIS Design Server or local server. To guarantee that the data transfer between ARIS and your SAP® systems works properly, please consider the following points:
  - Ensure that the users have been created in the SAP® system and have RFC privileges.
  - The special SAP ports **sapgw00 3300/tcp** and **sapdp00 3200/tcp** must be enabled in the Windows Services file of the client computer (C:\Windows/ system32/ drivers/ etc/services). In general, these ports are added automatically during SAP GUI installation.
  - If you use server groups for access (SAP routers), you need to enter the SAP ports manually in consecutive sequence. By default, the syntax for a port number is as follows **3300** plus the **<SAP system number>** will be used. If, for example, the system number is **03**, the port number **3303** must be entered. Entries that have not been entered in consecutive sequence are ignored.
- To perform Solution Manager synchronization, you need SAP® Solution Manager, version **7.1** or **7.2** with the languages **German (de)**, **English (en)**, **French (fr)**, **Spanish (sp)**, and/or **Japanese (ja)**.

ARIS ONLINE GUIDE

- Local SAP GUI for Windows installation, version 7.1 to 7.4
- ECC 6.0 (de, en, fr, sp, ja)

  or SAP® Solution Manager 7.1 or 7.2.

2 Privileges for SAP® synchronization

In order for this function to be available you need to assign users to certain roles in the SAP system. The users then have the required authorizations. You need to assign the following roles.

- The predefined role **SAP_SOLAR01_ALL**
- The predefined role **SAP_SMSY_ALL**
- A role to be defined with RFC privileges

You can create the role to be defined using the **PFCG** transaction. Assign the authorization objects **S_RFC** and **S_RFCACL** to the role.

VALUES FOR AUTHORIZATION OBJECT S_RFC

You can see all values to be defined in the following graphic.

Select the **Execute** activity in the **ACTVT** section.

The **RFC_NAME** section shows all names to be entered for the **S_RFC** authorization object of the RFC object to be protected. You need to complete the framed entries **SDIFRUNTIME**, **STFC**, and **IDS/ARIS_SOLAR_001**.

In the **RFC_TYPE** section you must select the **Function group** type.

VALUES FOR AUTHORIZATION OBJECT S_RFCACL

The **S_RFCACL** authorization object requires all privileges.

```
All maintained        Manually     Authorization Check f RFC User (for Example, Trusted System) S_RFCACL
  All maintained        Manually          Authorization Check f RFC User (for Example, Trusted System) T-A731010200
    Activity                          ACTVT
      16  Execute
    RFC client or domain              RFC_CLIENT
      *
    RFC same user ID                  RFC_EQUSER
      Y Call by the same user is possible
    RFC information                   RFC_INFO
      *
    System ID (for SAP and Externa RFC_SYSID
      *
    RFC transaction code              RFC_TCODE
      *
    RFC User (SAP or External)        RFC_USER
      *
```