



ARIS REQUIREMENTS FOR SAP SOLUTIONS

VERSION 10.0 - SERVICE RELEASE 14

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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 **ARIS for SAP® Solutions**, additional requirements must be met. For details, see **ARIS for SAP® Solutions** manual and **ARIS Requirements for SAP® Solutions** manual available on DVD, in the ARIS Download Center (<https://aris.softwareag.com/>) or on Empower (<https://empower.softwareag.com/>).

SAP SOLUTION MANAGER 7.2

ARIS and SAP Solution Manager 7.2 communicate via HTTP access. Therefore the requirements must be met in the SAP system (page 4). In general, the system no longer requires transport requests. SAP® JCo is only required for ARIS Architect or ARIS Designer if you want to run executables.

The transport request for synchronization and **sapjco3.jar** on the server side are needed only for data migration. For details, see **Migrating SAP projects to SAP® Solution Manager 7.2 solutions** on DVD, ARIS Download Center (<https://aris.softwareag.com/>) or Empower (<https://empower.softwareag.com/>).

SAP SYNCHRONIZATION, START EXECUTABLES, SHOW BLUEPRINT

If you use SAP Solution Manager 7.1, ensure that a local SAP GUI for Windows installation exists on all client computers. To run executables, 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 7.5
- 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 7.5
- ECC 6.0 (de, en, fr, sp, ja)
or SAP® Solution Manager 7.1 or 7.2.

2 Requirements (SAP Solution Manager 7.2)

In order to use SAP Solution Manager 7.2, the following conditions must be met:

- **Authentication specified**

The required privileges are contained in the **ZSOLDOCAPIACCESS.SAP** profile (see ARIS DVD\Add-ons\ARIS_Architect_extension_pack_SAP\Authentication). The profile is imported into the SAP system using the **PFCG** executable.

- **Service activated**

In order to allow HTTP access to the system, the **PROCESSMANAGEMENT** service (default_host/sap/opu/odata/sap) must be activated. The service is activated using the **SICF** executable

- **Virus scan profile enabled**

In order to avoid problems that might occur due to a virus scanner in use, a default virus scan profile is defined (**VSCANPROFILE** executable).

Deactivate and activate the virus scan profile (**/IWFND/VIRUS_SCAN** executable). In case of problems, you can use the **/IWFND/ERROR_LOG** executable to check the error protocol.

3 Requirements (SAP Solution Manager 7.1)

In order for SAP synchronization 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** executable. Assign the authorization objects **S_RFC** and **S_RFACL** 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.

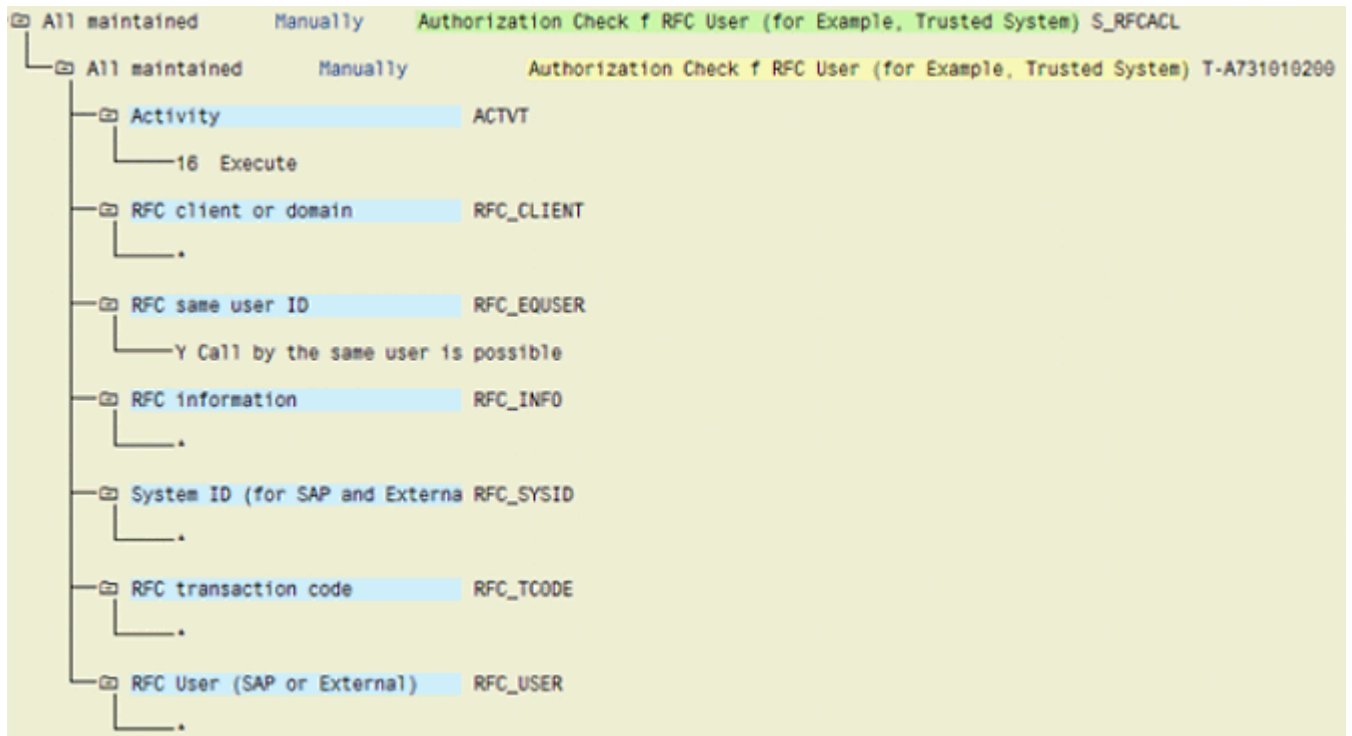
The **RFC_NAME** section shows all names to be entered for the **S_RFC** authorization object of the RFC object to be protected. You need to complete the framed entries **SDIFRUNTIME**, **STFC**, and **IDS/ARIS_SOLAR_001**.

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.



The screenshot shows a tree view of the authorization object S_RFCACL. The root node is 'All maintained Manually Authorization Check f RFC User (for Example, Trusted System) S_RFCACL'. It has a sub-node 'All maintained Manually Authorization Check f RFC User (for Example, Trusted System) T-A731010200'. This sub-node has several child nodes, each representing a field in the authorization object:

Field Name	Value
Activity	ACTVT
18 Execute	
RFC client or domain	RFC_CLIENT
	.
RFC same user ID	RFC_EUSER
Y Call by the same user is possible	
RFC information	RFC_INFO
	.
System ID (for SAP and External)	RFC_SYSID
	.
RFC transaction code	RFC_TCODE
	.
RFC User (SAP or External)	RFC_USER
	.

4 Legal information

4.1 Documentation scope

The information provided describes the settings and features as they were at the time of publishing. Since documentation and software are subject to different production cycles, the description of settings and features may differ from actual settings and features. Information about discrepancies is provided in the Release Notes that accompany the product. Please read the Release Notes and take the information into account when installing, setting up, and using the product.

If you want to install technical and/or business system functions without using the consulting services provided by Software AG, you require extensive knowledge of the system to be installed, its intended purpose, the target systems, and their various dependencies. Due to the number of platforms and interdependent hardware and software configurations, we can describe only specific installations. It is not possible to document all settings and dependencies.

When you combine various technologies, please observe the manufacturers' instructions, particularly announcements concerning releases on their Internet pages. We cannot guarantee proper functioning and installation of approved third-party systems and do not support them. Always follow the instructions provided in the installation manuals of the relevant manufacturers. If you experience difficulties, please contact the relevant manufacturer.

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ARIS COMMUNITY

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SOFTWARE AG EMPOWER PORTAL

You can find documentation on the Software AG Documentation website (<https://empower.softwareag.com/>). The site requires credentials for Software AG's Product

Support site **Empower**. If you do not yet have an account for **Empower**, send an e-mail to empower@softwareag.com (mailto:empower@softwareag.com) with your name, company, and company e-mail address and request an account.

If you have no account, you can use many links on the TECHcommunity website. For any questions, you can find a local or toll-free number for your country in our Global Support Contact Directory and give us a call.

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- Access articles, code samples, demos, and tutorials.
- Find links to external websites that discuss open standards and web technology.
- Access product documentation, if you have **TECHcommunity** credentials. If you do not, you will need to register and specify **Documentation** as an area of interest.

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- You can find product information on the Software AG Empower Product Support website.
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- Once you have an account, you can open Support Incidents online via the eService section of Empower.
- To submit feature/enhancement requests, get information about product availability, and download products, go to Products.

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