ARIS REQUIREMENTS
FOR SAP SOLUTIONS

VERSION 10.0 - SERVICE RELEASE 24 AND HIGHER

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Contents

1 Required SAP systems

If you are going to use **ARIS for SAP® Solutions**, additional requirements must be met. For details, see Technical Help: **Connect SAP systems** and **ARIS Required SAP systems** (page 1). You can open or download documents and the Technical Help from the Documentation Web site (https://documentation.softwareag.com/). Documentation is also contained in the ARIS installation package that is available in the ARIS Download Center (https://aris.softwareag.com/).

1.1 Requirements SAP® Cloud ALM

For this release, the interface of SAP® Cloud ALM was only available in English. Therefore, the export functionality is only released for the English accept language.

1.2 ARIS Connector for SAP Solutions

If you are using ARIS in a cloud scenario, such as **ARIS Enterprise** edition, you must install ARIS Connector for SAP Solutions to exchange data between ARIS and SAP® Solution Manager 7.2 without a VPN connection. To install the connector, see ARIS Architect online help: Install and configure ARIS Connector for SAP Solutions.

1.2.1 Hardware requirements

Note the following requirements for installing ARIS Connector for SAP Solutions.

MEMORY

If you use the default settings, we recommend that you provide at least 1 GB of free memory on the computer where ARIS Connector for SAP Solutions is installed. For each additional SAP branch connected in parallel, you must increase the memory by 500 MB. If the contents of a branch are larger than 500 MB, increase the free memory of the computer accordingly.

If you are using a VM, this memory should be reserved exclusively for that machine.

DISK SPACE

The required disk memory depends on the settings of ARIS Connector for SAP Solutions. Disk memory needed depends on the size of the content transferred from or to the SAP system and the size and number of transferred documents.

NETWORK

ARIS Connector for SAP Solutions requires a fast network connection between the connected source system and the Internet. ARIS Connector for SAP Solutions must be able to connect to the source system and ARIS server.

1.2.2   Security aspects

ARIS Connector for SAP Solutions is located within your protected network and communicates within it with your SAP system. The data transfer between the connector and ARIS runs via REST API. The credentials used for authentication are strongly encrypted (page 3). SAP credentials are no longer required in ARIS. The credentials are stored only as highly encrypted parameters in the associated ARIS Connector for SAP Solutions configuration files that reside on your secure network.

ENCRYPTION

The first time you configure credentials using the command line interface, a **key.secret** file is created in the <ARIS Connector for SAP Solutions installation directory>**conf** folder. During ARIS Connector for SAP Solutions startup, this file is used to encrypt and decrypt passwords and credentials specified in the configuration files. Make sure to back up this file. You must not change the key it contains. If you delete the **key.secret** file from the **conf** folder so that the encryption key is not stored with the encrypted credentials, you must be able to restore the file. This is because this file is mandatory when ARIS Connector for SAP Solutions is restarted. If you cannot recover the **key.secret** file that was used for encryption, you must re-encrypt and submit the credentials. Otherwise, connections cannot be established.

HTTPS

Any communication between ARIS Connector for SAP Solutions, ARIS Cloud, and the SAP system is initiated by ARIS Connector for SAP Solutions, that is, communication is never started from outside of you network. Any communication must use HTTPS.

Any communication between ARIS Connector for SAP Solutions, ARIS Cloud, and the SAP system is initiated by ARIS Connector for SAP Solutions, that is, communication is never started from outside of you network. Communication between ARIS Connector for SAP Solutions and the SAP system might use http because both systems are located within your network.

TIMEOUT

When ARIS Connector for SAP Solutions is started, the parameters specified in the **ARISConfiguration.json** file and the **SAPConfiguration.json** file are used for authentication. If the authentication was successful, the SAP system is available in ARIS. From start-up to shut-down, ARIS Connector for SAP Solutions frequently checks ARIS server for requests. ARIS Connector for SAP Solutions automatically re-establishes the connection if a token issued by ARIS Administration is no longer valid. If the connection fails, an error is logged. Every few seconds, an attempt is made to re-establish the interrupted connection.

ARIS waits for ARIS Connector for SAP Solutions to respond:

- 1 minute for a short term request - ARIS Administration, startup SAP synchronization.
- 30 minutes for a long term request - execute SAP synchronization.
- 2h for a very long term request - update documents.

After the listed period of time, the request is aborted and a timeout error is logged.

STATUS

The status of ARIS Connector for SAP Solutions depends on the polling time stamp listed in ARIS Architect. The time stamp is written when ARIS Connector for SAP Solutions is starting. Every two minutes the time stamp is updated. Status values are:

- **not connected** - no polling time stamp listed.
- **connected** - last polling time stamp was written in the last two minutes.
- **not responding** - last polling time stamp is older than two minutes.

RESTART

ARIS Connector for SAP Solutions cannot be restarted if its state is **connected**. ARIS Connector for SAP Solutions can be restarted after a minimum time span of two minutes to a maximum time span of four minutes. A restart deletes all jobs pending.

1.3 Requirements (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 5). 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.

To perform Solution Manager synchronization, you need SAP® Solution Manager, version **7.2** with the languages **German (de)**, **English (en)**, **French (fr)**, **Spanish (sp)**, and/or **Japanese (ja)**.

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 installation package\Add-ons\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.

1.4 Requirements 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 7.2.

2 Legal information

2.1 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.

If you need help installing third-party systems, contact your local Software AG sales organization. Please note that this type of manufacturer-specific or customer-specific customization is not covered by the standard Software AG software maintenance agreement and can be performed only on special request and agreement.

2.2 Support

If you have any questions on specific installations that you cannot perform yourself, contact your local Software AG sales organization (https://www.softwareag.com/corporate/company/global/offices/default.html). To get detailed information and support, use our Web sites.

If you have a valid support contract, you can contact **Global Support ARIS** at: **+800 ARISHELP**. If this number is not supported by your telephone provider, please refer to our Global Support Contact Directory.

For issues regarding the product documentation, you can also send an e-mail to documentation@softwareag.com (mailto:documentation@softwareag.com).

ARIS COMMUNITY

Find information, expert articles, issue resolution, videos, and communication with other ARIS users. If you do not yet have an account, register at ARIS Community**.**

PRODUCT DOCUMENTATION

You can find product documentation also on our documentation Web site.

In addition, you can also access the cloud product documentation. Navigate to the desired product and then, depending on your solution, go to **Developer Center**, **User Center** or **Documentation**.

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- Add product feature requests.
- Search the Knowledge Center for technical information and tips.
- Subscribe to early warnings and critical alerts.
- Open and update support incidents.