System Requirements

SAS® Anti-Money Laundering 4.2

Server Tier

For information about the file sizes required for the server-tier software, please visit Install Center (`http://support.sas.com/installcenter`) and refer to the SAS 9.2 Foundation System Requirements document appropriate for the host.

SAS Anti-Money Laundering Alert Generation Server

Hosts: Microsoft Windows**,** Microsoft Windows for x64**,** AIX, HP-UX, HP-UX for the Itanium Processor Family Architecture, Linux for Intel Architecture, Linux for x64, Solaris, Solaris for x64

The following products are included in SAS Anti-Money Laundering Alert Generation Server. Unless explicitly licensed, use of this software is limited to SAS Anti-Money Laundering Alert Generation Server.

- SAS Anti-Money Laundering Alert Generation Server software
- Base SAS software
- SAS Data Quality Server software
- SAS Enterprise Miner software
- SAS Integration Technologies software
- SAS/ACCESS Engine of choice
- SAS/ACCESS to PC Files software
- SAS/AF software
- SAS/CONNECT software
- SAS/GRAPH software
- SAS/SHARE
- SAS/STAT software

In addition, SAS Anti-Money Laundering Alert Generation Server requires the following software, which is not included with SAS Foundation:

- SAS BI Lineage Plug-in for SAS Management Console software
- SAS BI Lineage Scheduling Server software
- SAS Management Console software
- SAS Metadata Bridges (three of choice)

For information about specific requirements for these products, please see their respective system requirement documents available from Install Center (`http://support.sas.com/installcenter`).

SAS Metadata Server

Hosts: Microsoft Windows**,** Microsoft Windows for 64-Bit Itanium-based Systems, Microsoft Windows for x64**,** AIX, HP-UX, HP-UX for the Itanium Processor Family Architecture, Linux for Intel Architecture, Linux for x64, Solaris, Solaris for x64

The following products are included in SAS Metadata Server. Unless explicitly licensed, use of this software is limited to SAS Metadata Server.

- Base SAS software
- SAS/CONNECT software

Mid-Tier

Note: *If you are using an application server on a UNIX machine, SAS strongly recommends that you set the ulimit on that machine to 10240. For details about the procedure to set the ulimit for your operating system, contact your system administrator.*

The following products are included with this solution and should be installed on the mid-tier. For information about each product's specific requirements, please see its System Requirements document available from Install Center (`http://support.sas.com`).

- SAS Anti-Money Laundering Investigation UI Mid-Tier software
- SAS Analytics Platform software
- SAS BI Dashboard
- SAS BI Portlets
- SAS Enterprise Miner Java Client software
- SAS Information Delivery Portal Web Application software
- SAS Web Parts for Microsoft SharePoint
- SAS Web Report Studio software

Client Tier

The following products are included with this solution and should be installed on the client tier. For information about each product's specific requirements, please see its System Requirements document available from Install Center (http://support.sas.com/idsearch?ct=200000).

SAS Anti-Money Laundering Discovery Clients

Hosts: Microsoft Windows**,** Microsoft Windows for x64

The following products are included in SAS Anti-Money Laundering Discovery Clients. Unless explicitly licensed, use of this software is limited to SAS Anti-Money Laundering Discovery Clients.

- Base SAS software
- SAS Enterprise Guide software
- SAS Enterprise Miner software
- SAS Integration Technologies software
- SAS OLAP Server software
- SAS/ACCESS to PC Files software
- SAS/CONNECT software
- SAS/EIS software
- SAS/ETS software
- SAS/FSP software
- SAS/GRAPH software
- SAS/INSIGHT software
- SAS/OR software
- SAS/STAT software

SAS Anti-Money Laundering Clients

Host: Microsoft Windows

- SAS Add-In for Microsoft Office software
- SAS BI Lineage Plug-in for SAS Management Console
- SAS Data Integration Studio software
- SAS Enterprise Guide software
- SAS ESRI Map Manager Plug-in for SAS Management Console
- SAS Information Map Studio software
- SAS Management Console software
- SAS OLAP Cube Studio
- SAS OLAP Server Monitor
- SAS Metadata Bridges for General Industry Standards software

SAS Enterprise Miner Thin Clients

Hosts: Microsoft Windows, Microsoft Windows for x64, Linux for Intel Architecture, Solaris, Solaris for x64

- SAS Analytics Platform software
- SAS Enterprise Miner Java Client software
- SAS Enterprise Miner Plug-in for SAS Management Console software
- SAS Management Console software

SAS AppDev Studio™

Please see the SAS AppDev Studio system requirements for the latest information about its requirements.

Database Requirements

Supported Databases

SAS Anti-Money Laundering supports the following Databases:

DB2 UDB Enterprise Server Edition 9.5.5 or later

SAS Anti-Money Laundering uses the db2jcc.jar DB2 driver. It is located in the java subdirectory of your DB2 UDB installation.

Note: *DB2 UDB requires a license file db2jcc_license_cu.jar which is required for the JDBC driver to function it is also located in the java subdirectory of the DB2 UDB installation.*

MySQL Community Server 5.1.30 or later

SAS Anti-Money Laundering uses the mysql-connector-java-5.1.7-bin.jar MySQL Connector/J JDBC Driver 5.1.7 or later which can be downloaded from the following location: http://dev.mysql.com/downloads/connector/j/.

Note: *SAS/ACCESS requires that the MySQL 5.0.80 or later client is used for connectivity to the MySQL 5.1 server.*

Oracle Enterprise Edition and Standard Edition, 10g & 11g

Note: *For optimal performance and scalability, SAS recommends that you deploy SAS Anti-Money Laundering on Oracle Enterprise Edition in order to leverage advanced tuning features such as bitmap indexing and data partitioning. Oracle Standard Edition is a subset of Oracle Enterprise Edition and lacks features required for tuning high volume databases. Please consult with your Oracle licensing representative for a complete list of features available.*

JDBC Driver

- With Oracle Enterprise Edition 10g, SAS Anti-Money Laundering uses the ojdbc14.jar file.
- With Oracle Enterprise Edition 11g, SAS Anti-Money Laundering uses the ojdbc5.jar file.

The JDBC driver version must match the database version:

- Oracle Enterprise Edition 10g: Select the latest Oracle 10.2.x driver.
- Oracle Enterprise Edition 11g: Select the latest Oracle 11.2x driver.

You can download a copy of the Oracle driver from http://www.oracle.com/technology/software/tech/java/sqlj_jdbc/index.html.

Teradata v12, v13.0 & v13.10

SAS Anti-Money Laundering uses the terajdbc4.jar Teradata driver. You can download a copy of the Teradata driver from http://www.teradata.com/DownloadCenter/Group48.aspx. Select the correct driver for your version of Teradata:

- Teradata 12: Choose the latest TTU12 driver.
- Teradata 13x: Choose the latest TTU13 driver.

Third Party Information

Additional information about third-party products is available from the Third Party Software Requirements Web site, http://support.sas.com/resources/thirdpartysupport/index.html.

Please note that, while the Web site referenced above may indicate otherwise, SAS Anti-Money Laundering 4.2 does **not** support the Mozilla FireFox application.

For information about the SAS policy on supporting updates to third party products, refer to the *SAS Third Party Software Requirements – Baseline and Higher Support* document at the Third Party Software Requirements Web site listed above.

SAS Anti-Money Laundering Installation

When your implementation team plans to install SAS Anti-Money Laundering, these should be the first steps you perform:

1. Contact SAS Technical Support to request SAS Anti-Money Laundering documentation and supplemental files such as data models, DDL, sample programs, and patches:

   - Customers in the U.S. and Canada can call (919) 677-8008, Monday through Friday.
   - Customers outside the U.S. and Canada can find contact information for local offices at http://support.sas.com/techsup/contact/index.html.

2. Work through the *SAS Anti-Money Laundering Solution Planning Guide*, which is a critical prerequisite to installation. The *Solution Planning Guide* describes how to develop a solution implementation strategy by guiding the team through decisions such as these:

   - What data elements must be sourced?
   - Which scenarios and risk factors best address your institution's exposure to money laundering?
   - Which optional components should your institution deploy?

3. Read and follow the configuration instructions in the *SAS Anti-Money Laundering System Configuration Guide*.

    It is required that you read the *Solution Planning Guide* and the *System Configuration Guide* before you begin the installation and configuration process.

22 March 2011