

System Requirements

SAS[®] OpRisk Monitor 4.1

Overview

This document provides minimum requirements for installing and running SAS OpRisk Monitor 4.1 software, which includes Administrative Tools, a Web Application, and Reporting. SAS OpRisk Monitor 4.1 requires SAS 9.2.

The major requirements listed in this document include:

- software requirements
- hardware requirements
- database requirements

The information in this document is current as of the release date of SAS OpRisk Monitor 4.1. For additional information and to view the latest system requirements for your system, access the following SAS Institute Web site:

<http://support.sas.com/documentation/installcenter/index.html>

Software Requirements

Client-Tier Requirements

SAS OpRisk Monitor 4.1 supports the following Web browsers:

- Internet Explorer
- Firefox

For information about the supported operating systems and minimum version requirements of Web browser software for SAS 9.2, see the “[References](#)” section at the end of this document.

Mid-Tier Requirements

SAS OpRisk Monitor 4.1 supports the following application servers:

- BEA WebLogic Server
- IBM WebSphere Application Server
- JBoss Application Server

SAS OpRisk Monitor 4.1 supports the following operating systems:

- Microsoft Windows
- Microsoft Windows for x64
- Solaris
- Linux for x64
- AIX
- HP-UX for the Itanium Processor Family Architecture

Version numbers as well operating system specific details are available in the SAS 9.2 system requirements. See the "[References](#)" section at the end of this document.

SAS Application Tier Requirements

SAS 9.2 servers run on the back tier to provide metadata, data and compute services. The following applications are required on the SAS Application Tier:

- SAS Foundation 9.2
- Base SAS
- SAS/ACCESS engine of choice (Oracle, DB/2 or ODBC)
- SAS/GRAPH
- SAS OpRisk Monitor Server

SAS OpRisk Monitor 4.1 supports the following operating systems:

- Microsoft Windows
- Microsoft Windows for x64
- Solaris
- Linux for x64
- AIX
- HP-UX for the Itanium Processor Family Architecture

Operating system version numbers are available in the SAS 9.2 system requirements. See the "[References](#)" section at the end of this document.

Hardware Requirements

Basic Installation Requirements

Product	Installation Space Required
SAS OpRisk Monitor Server	20 MB
SAS OpRisk Monitor Administrative Tools	20 MB
SAS OpRisk Monitor Web Components	225 MB

Mid-Tier Requirements

Memory

The minimum recommended memory for the SAS OpRisk Monitor 4.1 Mid-Tier is 4 Gigabytes.

Database Requirements

SAS OpRisk Monitor supports the following versions of Oracle, DB/2 and PostgreSQL.

- Oracle 9 and 10
SAS OpRisk Monitor uses the `ojdbc14.jar` file. You can download a copy of the Oracle driver from http://www.oracle.com/technology/software/tech/java/sqlj_jdbc/index.html. Select either the latest Oracle 9.2.x or 10.2.x driver. The JDBC driver version must match the database version. For example, do not use a 9.x driver with a version 10 database.
- DB/2 9
SAS OpRisk Monitor requires the `db2jcc.jar` and `db2jcc_license_cu.jar` files. For example, a Windows installation of DB/2 stores the `.jar` files in `C:\Program Files\IBM\SQLLIB\java` by default.
- PostgreSQL 8.2.9
Note: PostgreSQL is not supported on Windows (64-bit x86-64).
SAS OpRisk Monitor uses the `postgresql-8.3-604.jdbc3.jar` PostgreSQL driver. It is located in the `jdbc` subdirectory of your PostgreSQL installation. This is a newer version of PostgreSQL than the version supported by the last release of SAS OpRisk Monitor so you may need to upgrade your version of PostgreSQL. If you need to upgrade to the more recent version, please see the directions provided at <http://www.postgresql.org/docs/8.2/static/install-upgrading.html>.

Additional information about third-party products is available at

<http://support.sas.com/resources/thirdpartysupport/index.html>.

For SAS's policy on supporting updates to third party products, see the SAS Third Party Software Requirements – Baseline and Higher Support document.

References

SAS Technical Support Install Center

<http://support.sas.com/techsup>

Third Party Software Requirements

<http://support.sas.com/resources/thirdpartysupport/index.html>

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