

System Requirements

SAS Activity-Based Management Software Release 6.3 for Windows

This document provides the requirements for installing and running SAS Activity-Based Management Server. You must update your computer to meet the minimum requirements before running SAS Activity-Based Management Server. The major requirements listed in the document are:

- Software Requirements
- Hardware Requirements

For additional information, contact SAS Institute Technical Support. Sites in the U.S. and Canada may call (919) 677-8008. Other sites should contact their SAS Installation Representative or SAS Support Consultant for the nearest SAS Institute office.

SAS Activity-Based Management 6.3 Client/Server Installation

Server

Software Requirements

		Minimum	Preferred
Operating System		Windows 2000 Server SP3, Windows 2003 Server * Windows 2003 Server Enterprise Edition is required to utilize more than 4 processors	Windows 2003 Server * Windows 2003 Server Enterprise Edition is required to utilize more than 4 processors
SAS Components		SAS 8.2: Base SAS, Core SAS, SAS/Access for OLE DB, SAS/GRAPH, SAS/SHARE-all from May 2003 Port of SAS 8.2 plus SAS 8.2 Hot Fix (SN-006001)	SAS 9.1.3 SP4: Base SAS, Core SAS, SAS/Access for OLE DB, SAS/GRAPH, SAS/SHARE
Web Services		Microsoft Internet Information Services 5.x	Microsoft Internet Information Services 6.x
Database	Microsoft	SQL Server 2000 Standard Edition SP3 for LAN access to OLAP SQL Server 2000 Enterprise Edition SP3 for HTTP access to OLAP	SQL Server 2000 Standard Edition SP3 for LAN access to OLAP SQL Server 2000 Enterprise Edition SP3 for HTTP access to OLAP
	Oracle	Oracle 9i - 9.2.0.7.0 or higher on Windows	Oracle 9i - 9.2.0.7.0 or higher on Windows

Message Queuing	Microsoft Message Queuing (MSMQ)	Microsoft Message Queuing (MSMQ)
Other Operating System Components	.NET 1.1, MDAC 2.8	.NET 1.1, MDAC 2.8
Analysis	Microsoft Analysis Services (MSAS) 8.0 SP3	Microsoft Analysis Services (MSAS) 8.0 SP3
Web Browser	Microsoft Internet Explorer 5.5 SP2	Microsoft Internet Explorer 6.0 SP2

Hardware Requirements

The number and size of models and their associated analysis cubes affects all factors of hardware related performance. The applicability of a specific server platform is primarily dependant on data volumes. The minimum and preferred hardware platforms are estimations only. The minimum server configuration is required to operate the software. As data volumes increase, the processing times will increase as well. There may come a point where the server hardware must be upgraded to allow for faster processing.

	Minimum	Preferred
Processor	Single Processor, 1 GHz	Dual Processor, 3.0 GHz
Memory	2GB - swap file size equal to twice physical memory	4GB - swap file size equal to twice physical memory
Hard Disk	5GB for installation and temporary file space. Additional disk space for model storage depends on the number, size and complexity of models. NOTE: Calculating OLAP fact tables and cubes may require hundreds of gigabytes of additional disk space in some cases. Please consult your sales exec or technical support for more information.	5GB for installation and temporary file space. Additional disk space for model storage depends on the number, size and complexity of models. NOTE: Calculating OLAP fact tables and cubes may require hundreds of gigabytes of additional disk space in some cases. Please consult your sales exec or technical support for more information.
Network Bandwidth	56k available bandwidth per expected concurrent user	128k available bandwidth per expected concurrent user

Client

Software Requirements

	Minimum	Preferred
Operating System	Windows 2000 Professional SP3, Windows XP Professional SP2	Windows XP Professional SP2
Web Browser	Microsoft Internet Explorer 5.5 SP2	Microsoft Internet Explorer 6.0 SP2

Hardware Requirements

	Minimum	Preferred
Processor	1.0 GHz	3.0 GHz
Memory	512 MB	1 GB
Hard Disk	2 GB available disk space / with 1 GB available on System drive.	2 GB available disk space / with 1 GB available on System drive.
Screen Resolution	800 × 600 pixels screen area and High Color (16-bit) display.	1280 × 1024 pixels screen area and True-Color 32-bit display.

SAS Activity-Based Management 6.3 Standalone Installation

Software Requirements

	Minimum	Preferred
Operating System	Windows 2000 Professional SP3, Windows XP Professional SP2 Or Windows 2000 Server SP3, Windows 2003 Server* * Windows SQL Server Standard Edition requires a server operating system.	Windows XP Professional SP2 Or Windows 2003 Server* * Windows SQL Server Standard Edition requires a server operating system.
SAS Components	SAS 8.2: Base SAS, Core SAS, SAS/Access for OLE DB, SAS/GRAPH, SAS/SHARE all from May 2003 Port of SAS 8.2 plus SAS 8.2 Hot Fix (SN-006001)	SAS 9.1.3 SP4: Base SAS, Core SAS, SAS/Access for OLE DB, SAS/GRAPH, SAS/SHARE
Web Services	Microsoft Internet Information Services 5.x	Microsoft Internet Information Services 6.x
Database	SQL Server 2000 Standard Edition SP3a Or SQL Server 2000 Developer Edition SP3a	SQL Server 2000 Standard Edition SP3a Or SQL Server 2000 Developer Edition SP3a
Message Queuing	Microsoft Message Queuing (MSMQ)	Microsoft Message Queuing (MSMQ)
Analysis	Microsoft Analysis Services (MSAS) 8.0 SP3	Microsoft Analysis Services (MSAS) 8.0 SP3
Web Browser	Microsoft Internet Explorer 5.5 SP2	Microsoft Internet Explorer 6.0 SP2

Hardware Requirements

The number and size of models and their associated analysis cubes affects all factors of hardware related performance. The applicability of a specific server platform is primarily dependant on data volumes. The minimum and preferred hardware platforms are estimations only. The minimum server configuration is required to operate the software. As data volumes increase, the processing times will increase as well. There may come a point where the hardware must be upgraded to allow for faster processing. *Due to the relative power of desktop PCs and server PCs, and the fact that a desktop installation must service both client software and the server software, in most cases a desktop installation will not perform as well as a client server installation.*

	Minimum	Preferred
Processor	2 GHz	3.0 GHz
Memory	1GB - swap file size equal to twice physical memory	2GB - swap file size equal to twice physical memory
Hard Disk	<p>5GB for installation and temporary file space.</p> <p>Additional disk space for model storage depends on the number, size and complexity of models.</p> <p>NOTE: Calculating OLAP fact tables and cubes may require hundreds of gigabytes of additional disk space in some cases. Please consult your sales exec or technical support for more information.</p>	<p>5GB for installation and temporary file space.</p> <p>Additional disk space for model storage depends on the number, size and complexity of models.</p> <p>NOTE: Calculating OLAP fact tables and cubes may require hundreds of gigabytes of additional disk space in some cases. Please consult your sales exec or technical support for more information.</p>

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