

Installation Guide

Platform Suite for SAS[®]

The Platform Suite for SAS consists of seven CDs containing three Platform products, Platform Process Manager 3.0, Platform LSF 6.0, and Platform Grid Management Service 6.0. All these products are required for SAS Grid Manager which includes both job scheduling and grid computing. Job scheduling on a single machine only requires the Platform Process Manager install. The instructions you should follow depend on if you intend to use the Platform software for job scheduling only or to manage grid computing.

Examine the label of the installation kit that contains your **Platform Suite for SAS** CDs. If the label lists SAS Grid Manager Control Server, then you should follow the instructions below for SAS Grid Manager Control Server. If the label lists SAS Grid Manager Node or SAS GridClient, then you should follow the instructions below for SAS Grid Manager Node. If none of those names appears on the label, you should follow the instructions below for Platform Process Manager.

SAS Grid Manager Control Server

SAS Grid Manager Control Server requires all three Platform products available on the media. Use the table below to locate the instructions on your Platform Suite for SAS media and the install executable.

Product	Target Host	Install Instructions	Executable Location	
Platform Process Manager 3.0	Windows	Read pm_install_windows.pdf on Volume 1 or 5	Volume 5 (use pm3.0_pinstall_sas_win.exe)	
	UNIX	Read pm_install_unix.pdf on any of the seven CDs	Solaris 7-9	Volume 2 (use pm3.0_sas_sparc-sol7-32.tar)
			Solaris 10	Volume 2 (use pm3.0_sas_sparc-sol10-64.tar)
			Solaris 10 for x64	Volume 7 (use pm3.0_sas_x86-64-sol10.tar)
			Linux for Intel Architecture	see Linux table below
			Linux for Itanium-based Systems	Volume 3 (use pm3.0_sas_linux2.4-glibc2.3-ia64.tar)
			HP-UX	Volume 4 (use pm3.0_sas_hppa11-64.tar)
			HP-UX for the Itanium Processor	Volume 4 (use pm3.0_sas_hpuxia64.tar)
			AIX	Volume 5 (use pm3.0_sas_aix5.tar)

Platform LSF 6.0	Windows	Read "Installation" section in lsf_windows_6.0.pdf on Volume 1 or 5	Volume 5 (use lsf6.0_w2k_nt.exe)	
	UNIX	Read lsf_unix_install_6.0.pdf on any of the seven CDs	Solaris 7-9	Volume 2 (use lsf6.0_sparc-sol7-64.tar.Z)
			Solaris 10	Volume 2 (use lsf6.0_sparc-sol10-64.tar.Z)
			Solaris 10 for x64	Volume 7 (use lsf6.0_x86-64-sol10.tar.Z)
			Linux for Intel Architecture	see Linux table below
			Linux for Itanium-based Systems	Volume 3 (use lsf6.0_linux2.4-glibc2.3-ia64.tar.Z)
			HP-UX	Volume 4 (use lsf6.0_hppa11-64.tar.Z)
			HP-UX for the Itanium Processor	Volume 4 (use lsf6.0_hppa11-64.tar.Z)
			AIX	Volume 5 (use lsf6.0_aix5-64.tar.Z)
Platform Grid Management Service 6.0	Windows	Read README on Volume 1	Volume 1	
	UNIX	Read README on Volume 1	Volume 1	

Product	Linux Information	Executable Location	Executable Name
Platform Process Manager 3.0	32-bit X86 on the 2.4 kernel	Volume 3	pm3.0_sas_linux2.4-glibc2.3-x86.tar
	32-bit X64 on the 2.4 kernel	Volume 3	pm3.0_sas_linux2.4-glibc2.3-x86.tar
	32-bit X64 on the 2.6 kernel	Volume 6	pm3.0_sas_linux2.6-glibc2.3-x86.tar
	64-bit AMD Opteron on the 2.6 kernel	Volume 6	pm3.0_sas_linux2.6-glibc2.3-amd64.tar
	64-bit Intel EM64T the 2.6 kernel	Volume 6	pm3.0_sas_linux2.6-glibc2.3-ia32e.tar
Platform LSF 6.0	32-bit X86 on the 2.4 kernel	Volume 3	lsf6.0_linux2.4-glibc2.3-x86.tar.Z
	32-bit X64 on the 2.4 kernel	Volume 3	lsf6.0_linux2.4-glibc2.3-x86.tar.Z
	32-bit X64 on the 2.6 kernel	Volume 6	lsf6.0_linux2.6-glibc2.3-x86.tar.Z
	64-bit AMD Opteron on the 2.6 kernel	Volume 6	lsf6.0_linux2.6-glibc2.3-amd64.tar.Z
	64-bit Intel EM64T the 2.6 kernel	Volume 6	lsf6.0_linux2.6-glibc2.3-ia32e.tar.Z

Using Platform Suite for SAS with your SAS Grid Manager Control Server does not require any special licensing beyond using the SAS setinit and the Platform setinit included with your Software Order email.

SAS Grid Manager Node

SAS Grid Manager Node and SAS GridClient require only Platform LSF 6.0. Use the table below to locate the instructions on your Platform Suite for SAS media and the install executable.

Product	Target Host	Install Instructions	Executable Location	
Platform LSF 6.0	Windows	Read "Installation" section in lsf_windows_6.0.pdf on Volume 1 or 5	Volume 5 (use lsf6.0_w2k_nt.exe)	
	UNIX	Read lsf_unix_install_6.0.pdf on any of the seven CDs	Solaris 7-9	Volume 2 (use lsf6.0_sparc-sol7-64.tar.Z)
			Solaris 10	Volume 2 (use lsf6.0_sparc-sol10-64.tar.Z)
			Solaris 10 for x64	Volume 7 (use lsf6.0_x86-64-sol10.tar.Z)
			Linux for Intel Architecture	see Linux table below
			Linux for Itanium-based Systems	Volume 3 (use lsf6.0_linux2.4-glibc2.3-ia64.tar.Z)
			HP-UX	Volume 4 (use lsf6.0_hppa11-64.tar.Z)
			HP-UX for the Itanium Processor	Volume 4 (use lsf6.0_hppa11-64.tar.Z)
	AIX	Volume 5 (use lsf6.0_aix5-64.tar.Z)		

Linux Information	Executable Location	Executable Name
32-bit X86 on the 2.4 kernel	Volume 3	lsf6.0_linux2.4-glibc2.3-x86.tar.Z
32-bit X64 on the 2.4 kernel	Volume 3	lsf6.0_linux2.4-glibc2.3-x86.tar.Z
32-bit X64 on the 2.6 kernel	Volume 6	lsf6.0_linux2.6-glibc2.3-x86.tar.Z
64-bit AMD Opteron on the 2.6 kernel	Volume 6	lsf6.0_linux2.6-glibc2.3-amd64.tar.Z
64-bit Intel EM64T the 2.6 kernel	Volume 6	lsf6.0_linux2.6-glibc2.3-ia32e.tar.Z

Using Platform Suite for SAS with your SAS Grid Manager Node or SAS GridClient does not require any special licensing beyond using the SAS setinit and the Platform setinit included with your Software Order email.

Platform Process Manager

Job scheduling on a single machine requires that you install Platform Process Manager 3.0. During the Process Manager install, you will also install Platform LSF 6.0. Use the table below to locate the instructions on your Platform Suite for SAS media and the install executable.

Product	Target Host	Install Instructions	Executable Location	
Platform Process Manager 3.0	Windows	Read pm_install_windows.pdf on Volume 1 or 5	Volume 5 (use pm3.0_pinstall_sas_win.exe)	
	UNIX	Read pm_install_unix.pdf on any of the seven CDs	Solaris 7-9	Volume 2 (use pm3.0_sas_sparc-sol7-32.tar)
			Solaris 10	Volume 2 (use pm3.0_sas_sparc-sol10-64.tar)
			Solaris 10 for x64	Volume 7 (use pm3.0_sas_x86-64-sol10.tar)
			Linux for Intel Architecture	see Linux table below
			Linux for Itanium-based Systems	Volume 3 (use pm3.0_sas_linux2.4-glibc2.3-ia64.tar)
			HP-UX	Volume 4 (use pm3.0_sas_hppa11-64.tar)
			HP-UX for the Itanium Processor	Volume 4 (use pm3.0_sas_hpuxia64.tar)
AIX	Volume 5 (use pm3.0_sas_aix5.tar)			

Linux Information	Executable Location	Executable Name
32-bit X86 on the 2.4 kernel	Volume 3	pm3.0_sas_linux2.4-glibc2.3-x86.tar
32-bit X64 on the 2.4 kernel	Volume 3	pm3.0_sas_linux2.4-glibc2.3-x86.tar
32-bit X64 on the 2.6 kernel	Volume 6	pm3.0_sas_linux2.6-glibc2.3-x86.tar
64-bit AMD Opteron on the 2.6 kernel	Volume 6	pm3.0_sas_linux2.6-glibc2.3-amd64.tar
64-bit Intel EM64T the 2.6 kernel	Volume 6	pm3.0_sas_linux2.6-glibc2.3-ia32e.tar

In addition, using the Platform Suite for SAS for job scheduling may require a separate license apart from the SAS Installation Data (SID) you already have. To determine if you need a separate SID, look at the labels of your installation kits. If any of them specifically list Platform Suite for SAS, then your Platform licensing information is included in the SID you already have.

If Platform Suite for SAS is not listed, first obtain your SAS Installation Key and Order Number from the SAS Order Information page in your installation kit. Then go to the SAS Administrator Services Web page at <http://support.sas.com/adminservices-SID>. Enter the appropriate information into the text fields and click **Continue**. On the Web page that opens, select Platform Suite for SAS and click **Submit**. A customized Software Order Email containing your Platform Suite-specific SAS Installation Data (SID) should arrive within ten minutes. Follow the instructions in the email to save the Platform Suite for SAS SID for use in the installation of the software.

When you have installed and licensed Platform Suite for SAS, you should also install the SAS Grid Manager Plug-ins for SAS Management Console 1.2 on the same machine. Installing these plug-ins gives you the benefit of receiving job information from the SAS Management Console that would otherwise require using Platform commands. To install the SAS Grid Manager Plug-ins for SAS Management Console, locate the **SAS Grid Manager Client Components** CD in the media container of the installation kit where you found Platform Suite for SAS. Insert the CD into the CD-ROM drive (UNIX users should mount the CD using the appropriate mount commands). If the autoplay does not start, find `setup.exe` (Windows) or `setup.sh` (UNIX) and execute it. After you select the language you would like to use for your installation, the SAS Software Navigator will open. Follow the instructions in the right-hand pane to install the SAS Grid Manager Plug-ins for SAS Management Console.

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