SAS® Grid Manager

This Road Map briefly describes the media contained in your SAS Grid Manager package and how to proceed to install the software.

Description of Your Packages

Your SAS Grid Manager software comes in at least two installation kits. Each kit represents a distinct functional area of your SAS Grid Manager solution and should be installed on a separate machine:

- SAS Grid Manager Control Server
- SAS Grid Manager Node

Note that, depending on your order, you could have several installation kits labeled as SAS Grid Manager Node. You may also have a SAS Grid Manager Metadata Server, and one or several installation kits labeled SAS GridClient, again depending on your order.

How to Proceed

Be sure to terminate all non-essential applications before proceeding with the installation of any CD. Disable any anti-virus software that may be running.

Step 1: Plan the grid computing architecture and environment prior to proceeding with the installation.

Review the "Supporting Grid Computing" chapter of the *SAS Intelligence Platform: Application Server Administration Guide*, located at http://support.sas.com/documentation/configuration/913admin.html.

Step 2: Install and configure the installation kit containing SAS Grid Manager Metadata Server.

❑ To identify the installation kit that contains SAS Metadata Server, see the product listing on the SAS 9.1.3 label on each kit. If you have not already installed the contents of this installation kit for other solutions in your order, follow the steps in the *QuickStart Guide* in the Getting Started folder of the SAS Metadata Server kit. Otherwise, skip to Step 3.

❑ Read and complete the tasks in the *SAS 9.1.3 Intelligence Platform: Installation Guide*, which is available on the **Documentation for Installing and Configuring SAS** CD or Install Center. On the first page, select **Planning Installation Edition Kit**, then select **SAS 9.1.3 Intelligence Platform: Installation Guide** in the "Installation" section under "Installation Instructions – SAS Intelligence Platform." The *Installation Guide* takes you through the pre-installation, installation, and basic configuration steps to install your SAS Metadata Server.

Step 3: Install and configure the installation kit containing SAS Grid Manager Control Server.

❑ To identify the installation kit that contains SAS Grid Manager Control Server, see the product listing on the SAS 9.1.3 label on each kit.

Given the nature of how SAS Grid Manager works with other SAS products, it is possible that you have installed all or part of this installation kit while installing SAS products other than SAS Grid Manager. The rest of the bulleted items in Step 3 should only be performed *if they have not been performed for other products on the same machine*. Either perform each of the bulleted items or verify that it was performed for other products.

❑ When specifying the configuration directory in the SAS Configuration Wizard, you must use the same value for all of the nodes of your grid. This is necessary in a grid environment because the same Logical Grid Server is used for all grid nodes, and specifies how to launch a SAS session on any grid node. For example with a configuration directory of `/usr/local` and a plan of DIStudio, the shell script, `sasgrid.sh`, must be located in `/usr/local/SAS/DIStudio/ Lev1/SASMain/GridServer/sasgrid.sh` on all of the grid nodes. To verify the path from within the SAS Management Console, go to the **Properties** of the Logical Grid Server and make sure the SAS command is defined as
`/usr/local/SAS/DIStudio/Lev1/SASMain/GridServer/sasgrid.sh`.

❑ Read and complete the steps in the *QuickStart Guide* in the Getting Started folder of the SAS Grid Manager Control Server kit.

❑ Read and complete the tasks in the *SAS 9.1.3 Intelligence Platform: Installation Guide*, which is available on the **Documentation for Installing and Configuring SAS** CD or Install Center. On the first page, select **Planning Installation Edition Kit**, then select **SAS 9.1.3 Intelligence Platform: Installation Guide** in the "Installation" section under "Installation Instructions – SAS Intelligence Platform." The *Installation Guide* takes you through the pre-installation, installation, and basic configuration steps to install your SAS Grid Manager Control Server.

❑ Locate the **Platform Suite for SAS** CDs in the media container(s) inside your installation kit. Use the process described in the *Installation Guide—Platform Suite for SAS* to install the necessary software from the media. The document may be located on the **Documentation for Installing and Configuring SAS** CD or Install Center. On the first page, select **Planning Installation Edition Kit**, then select **Installation Guide**--**Platform Suite for SAS** in the "Installation" section under "Additional Installation Instructions."

Step 4: Install and configure the installation kit containing SAS Grid Manager Node.

Note: *Repeat Step 4 for as many SAS Grid Manager Nodes as you intend to install. You will have as many SAS Grid Manager Node installation kits as you have installations that have a different platform* **or** *a different product mix.*

For example, if all of your SAS Grid Manager Nodes are to be installed on Solaris **and** *each node has the same product mix, you would have only one SAS Grid Manager Node installation kit. If one of those nodes had a slightly different product mix or was to be installed on AIX, you would have two SAS Grid Manager Node installation kits.*

❑ To identify the installation kit that contains SAS Grid Manager Node, see the product listing on the SAS 9.1.3 label on each kit.

Given the nature of how SAS Grid Manager works with other SAS products, it is possible that you have installed all or part of this installation kit while installing SAS products other than SAS Grid Manager. The rest of the bulleted items in Step 3 should only be performed *if they have not been performed for other products on the same machine*. Either perform each of the bulleted items or verify that it was performed for other products.

- Read and complete the steps in the *QuickStart Guide* in the Getting Started folder of the SAS Grid Manager Node kit.

- Read and complete the tasks in the *SAS 9.1.3 Intelligence Platform: Installation Guide*, which is available on the **Documentation for Installing and Configuring SAS** CD or Install Center. On the first page, select **Planning Installation Edition Kit**, then select **SAS 9.1.3 Intelligence Platform: Installation Guide** in the "Installation" section under "Installation Instructions – SAS Intelligence Platform." The *Installation Guide* takes you through the pre-installation, installation, and basic configuration steps to install your SAS Grid Manager Node.

- Locate the **Platform Suite for SAS** CDs in the media container(s) inside your installation kit. Use the process described in the *Installation Guide—Platform Suite for SAS* to install the necessary software from the media. The document may be located on the **Documentation for Installing and Configuring SAS** CD or Install Center. On the first page, select **Planning Installation Edition Kit**, then select **Installation Guide**--**Platform Suite for SAS** in the "Installation" section under "Additional Installation Instructions."

Step 5: Install and configure the installation kit containing SAS GridClient.

> ***Note:*** *Repeat Step 5 for as many SAS GridClients as you intend to install. You will have as many SAS GridClient installation kits as you have installations that have a different platform **or** a different product mix.*
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> *For example, if all of your SAS GridClients are to be installed on Solaris **and** each SAS GridClient has the same product mix, you would have only one SAS GridClient installation kit. If one of those SAS GridClients had a slightly different product mix or was to be installed on AIX, you would have two SAS GridClient installation kits.*

- To identify the installation kit that contains SAS GridClient, see the product listing on the SAS 9.1.3 label on each kit.

Given the nature of how SAS Grid Manager works with other SAS products, it is possible that you have installed all or part of this installation kit while installing SAS products other than SAS Grid Manager. The rest of the bulleted items in Step 4 should only be performed *if they have not been performed for other products on the same machine*. Either perform each of the bulleted items or verify that it was performed for other products.

- Read and complete the steps in the *QuickStart Guide* in the Getting Started folder of the SAS GridClient kit.

- Read and complete the tasks in the *SAS 9.1.3 Intelligence Platform: Installation Guide*, which is available on the **Documentation for Installing and Configuring SAS** CD or Install Center. On the first page, select **Planning Installation Edition Kit**, then select **SAS 9.1.3 Intelligence Platform: Installation Guide** in the "Installation" section under "Installation Instructions – SAS Intelligence Platform." The *Installation Guide* takes you through the pre-installation, installation, and basic configuration steps to install your SAS GridClient.

- Locate the **Platform Suite for SAS** CDs in the media container(s) inside your installation kit. Use the process described in the *Installation Guide—Platform Suite for SAS* to install the necessary software from the media. The document may be located on the **Documentation for Installing and Configuring SAS** CD or Install Center. On the first page, select **Planning Installation Edition Kit**, then select **Installation Guide**--**Platform Suite for SAS** in the "Installation" section under "Additional Installation Instructions."

Step 6: Configure your deployment for grid computing.

Once you have installed all of your installation kits, follow the procedures described in the "Supporting Grid Computing" chapter of the *SAS Intelligence Platform: Application Server Administration Guide*, located at
http://support.sas.com/documentation/configuration/913admin.html.

GDCRM   27 June 2007