Alert Notes

SAS® 9.1.3
Linux for Intel Architecture

Please Read Before Beginning Installation

Overview

Alert Notes list problems that you need to be aware of before you install or use this software. Fixes and/or workarounds may be provided for the problems. While Alert Notes may be written about any aspect of your software, Alert Notes about installation and general system issues are the only ones included in this document.

For the latest Alert Notes, visit the following SAS Web site:

`http://support.sas.com/techsup/search/alert_search.html`

It is essential that one or more representatives at your site subscribe to TSNEWS-L in order to receive future Alert Notes concerning your software. To subscribe through e-mail, send e-mail to LISTSERV@VM.SAS.COM. The body of the e-mail should read SUBSCRIBE TSNEWS-L. To subscribe through Technical Support's Web site, complete the Web form located at:

`http://support.sas.com/techsup/news/tsnews.html`

If you need assistance with the software beyond the information provided by the Alert Notes or TSNEWS-L, we ask that only the SAS Installation Representative or SAS Support Consultant call our Technical Support Division. 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 office.

SAS Software Depot

Do Not Add Service Pack Media to Any Existing SAS Software Depot

Do not attempt to add SAS service pack media to any existing SAS Software Depot.

You can either install the service pack directly from CDs to your installation or copy the CDs to a location of your choosing and install the service pack from there.

If you are performing an installation from a pre-existing SAS software depot, first perform the installation from the SAS software depot and then apply the service pack from media by following the instructions listed in the *SAS 9.1.3 Service Pack Installation Instructions*.

For complete information, see the section "Applying the Service Pack" in the *SAS 9.1.3 Service Pack Installation Instructions* which can be found at
`http://support.sas.com/documentation/installcenter/the_sas_system/9.1.3_TS 1M3/servicepack_install.pdf`.

SAS Note SN-014839 documents this issue.

SAS Software Navigator

Opening SAS Software Navigator on Asian language machine causes blocks to appear instead of characters

When you open the SAS 9.1.3 Software Navigator on a machine whose language and regional settings are set to Japanese, Korean, or Chinese, blocks appear in the right panel of the SSN instead of characters.

The installation instruction section is in English, so those contents are readable, but the overview information about the bundled package appears as blocks and is unreadable.

This issue occurs only when you are installing in index mode and only on overview pages of software bundles.

Because this issue does not affect the installation of SAS or its products or the functionality of the SSN, you can choose to use the installer or use one of these two workarounds:

- Install in plan or advanced mode.

- Choose English as the installer language so that all of the contents of the SAS Software Navigator are in English.

Note: Use this method only if you need to install in index mode.

This issue will be fixed in a later version of SAS.

SAS Note SN-017456 documents this issue.

Server Tier

Service Packs SP1 and SP2 may overwrite your `!SASROOT/sasv9.cfg` file

During the installation of SP1, the `!SASROOT/sasv9.cfg file` is moved to `!SASROOT/install/admin/backups/sasv9.cfg_yyyyyy.zzz` and a new copy of `sasv9.cfg` is placed in the `!SASROOT` directory. If you made any modifications to this file (-MEMSIZE, -WORK, etc.) these changes will be lost when the `sasv9.cfg` file is overwritten.

During the installation of SP2, this same scenario will occur only if you have hot fixes previously applied to the SAS installation.

To preserve your customizations, copy the modifications from the copy of the `sasv9.cfg` file that is saved to the backup directory.

In order for the Service Pack to function correctly, do *not* move any of the hot fix paths from the backup file to the `!SASROOT/sasv9.cfg` file.

SAS Note SN-014541 documents this issue.

Service Pack 4 includes changes to configuring user authentication

Beginning with Service Pack 4, the location of the maintenance files used for user authentication has changed to improve the Service Pack upgrade experience.

With this Service Pack, if the `sasauth`, `sasperm`, or `elssrv` file requires maintenance, the file is archived to the new directory `!SASROOT/utilities/bin/setuid` rather than to `!SASROOT/utilities/bin`.

Note that in Service Pack 4, only `elssrv` and `sasauth` require maintenance, so they are the only files delivered to this new install directory. As with previous versions of the UNIX Foundation Installer, you have the option of configuring the user authentication as part of the normal install post-processing by supplying the rootuid password during the post-processing step. The files that are present in the new `setuid` directory will be moved to the `utilities/bin` directory, and then setuid root once the files are moved. You can also choose to perform this configuration at a later time, using the SAS Setup Run Setup Utilities menu.

Chapter 5 of the *Installation Instructions for SAS 9.1.3 Foundation for UNIX Environments* has been updated to include an additional step (`mv setuid/*`), which was added to pull in new `sasauth` and `elssrv` modules (see Method 2, below). If this step is omitted, unexpected results can occur. The "Configuring User Authentication" section now reads as follows:

Certain SAS products and features employ functionality that require SAS to check userid authentication and file access authorizations. This in turn necessitates that certain files within your SAS installation have setuid permissions and be owned by root. Configuring user authentication is required for all users of SAS software. You can perform this task using either of the following methods.

Method 1: Using SAS Setup

1. Log in to the root account.
     ```
     $ su root
     ```
2. Run `SAS Setup` from `!SASROOT/sassetup`.
3. Select `Run Setup Utilities` from the `SAS Setup Primary Menu`.
4. Select `Perform SAS Software Configuration`.
5. Select `Configure User Authentication`.

Method 2: Using the Command Line

Tru64 UNIX

```
$ su root
# cd !SASROOT/utilities/bin
# mv setuid/* .
# chown root elssrv sasauth sasperm
# chmod 4755 elssrv sasperm
# chmod 6755 sasauth
# chgrp auth sasauth
# exit
```

All Other UNIX Platforms

```
$ su root
# cd !SASROOT/utilities/bin
# mv setuid/* .
# chown root elssrv sasauth sasperm
# chmod 4755 elssrv sasauth sasperm
# exit
```

SAS Note SN-017313 documents this issue.

Mid-Tier

SAS Java-based products may experience problems when run on a PC using the ATI Rage XL video driver

SAS Java-based products may experience problems when run on a PC using the ATI Rage XL video driver. Problems have been uncovered while using ATI Rage XL version 5.0.2195.5005 and version 5.0.2195.5012. SAS Java-based products include the SAS Software Navigator. Java installations can similarly be affected. These products and installations are dependent on the Sun Java 1.4.1 Runtime Environment. The problems occur between the JRE version 1.4.1 and the ATI Rage XL driver, affecting the SAS products.

The workaround is to upgrade the ATI Rage XL driver to the 5.0.2195.5022 or higher release.

SAS Note SN-012187 documents this issue.

Client Tier

SAS Java-based products may experience problems when run on a PC using the ATI Rage XL video driver

SAS Java-based products may experience problems when run on a PC using the ATI Rage XL video driver. Problems have been uncovered while using ATI Rage XL version 5.0.2195.5005 and version 5.0.2195.5012. SAS Java-based products include the SAS Software Navigator. Java installations can similarly be affected. These products and installations are dependent on the Sun Java 1.4.1 Runtime Environment. The problems occur between the JRE version 1.4.1 and the ATI Rage XL driver, affecting the SAS products.

The workaround is to upgrade the ATI Rage XL driver to the 5.0.2195.5022 or higher release.

SAS Note SN-012187 documents this issue.

SAS Grid Manager

SAS Grid Manager Control Server should be installed to a location (path) that is available on all servers in the grid.

When configuring the SAS Grid Manager Control Server on a UNIX system, the shell script, `sasgrid.sh`, must be located in the same directory path for all nodes in the grid.

For example, if the grid has three UNIX nodes (AIX, Solaris, and HP), then the install location of `sasgrid.sh` can be placed in `/bin`, a common directory on all three servers.

From within the SAS Management Console, go to the Properties of the Logical Grid Server and make sure the SAS command is defined as `/bin/sasgrid.sh`.

SAS Note SN-016242 documents this issue.

Successive signons/signoffs to SAS Grid Manager Control Server will cause the server to crash with a Segmentation Violation.

If a SIGNON and SIGNOFF command has been performed by the SAS Grid Manager Control Server and then a second SIGNON is attempted, a Segmentation Violation in Task [Language] may occur.

This is a problem caused by LSF environment variables becoming undefined to the SAS shared libraries.

A fix for SAS 9.1.3 (9.1 TS1M3) for this issue is available at
http://www.sas.com/techsup/download/hotfix/d9_sbcs_prod_list.html#016244.

SAS Note SN-016244 documents this issue.

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