Software License Renewal Instructions

SAS® 9.4 Foundation for z/OS Basic Deployment

SAS software is licensed on a calendar basis. In order to run your licensed software, you must apply the SAS installation data file (SID file) to your SAS software to renew your software.

Software Renewal Overview

In order to run each software product that you license from SAS, you must apply the SID file, which contains current data about your licensing agreement with SAS to your SAS software. The setinit information is stored in the SASHELP library of the SAS system. SAS software will not run without up-to-date setinit information. You must update your setinit information whenever you renew your license, add new products, or change the hardware for the system.

If you want to request changes to your license parameters, contact Licensing Operations: https://support.sas.com/adminservices/contact.html

Such requests include changes to the expiration date for your SAS software as well as updates of the serial number or CPU model specification when you change your hardware.

Note: *Only the authorized SAS Installation Representative should change the setinit information. Your site designated the SAS Installation Representative when you licensed the SAS system.*

These instructions explain the process of renewing your SAS 9.4 software license:

A. Obtain Your SID File
B. Process Your Renewal
C. Setinit Troubleshooting
D. Request a Temporary License Extension

A. Obtain Your SID File

The information supplied with the SID file reflects your current license agreement with SAS, and contains code to update the setinit information for each licensed offering.

The SID file name is in the format `SAS94_order-number_site-number_host-platform.txt`. For example, `SAS94_111ABC_70111111_ZOS.txt`

B. Process Your Renewal

This procedure involves using both a workstation (a machine running a terminal emulator that has access your mainframe system) and your mainframe system. Follow these steps to renew your SAS software license:

***Important**: Update access to the `SASHELP` library is required to update your setinit information.*

1. Save the attached file (`sas94_`**`xxxxxx`**`.txt`) to the machine from which you will invoke your terminal emulator to connect to the mainframe.
2. Edit the renewal SID file (`sas94_`**`xxxxxx`**`.txt`) that you saved in Step 1. Copy the lines starting with "**`PROC SETINIT RELEASE='9.4';`**" through "**`SAVE; RUN;`**".
3. Log on to the mainframe system where SAS is running. Replace the content of the **RENEWPRM** member of the `&prefix.CNTL.RENEW` data set with the information you copied in Step 2.

   ***Note**: &prefix is the high-level qualifier for your SAS installation.*
4. Verify that the last line in the **RENEW** job points to the **RENEWPRM** member where you saved the content information in step 3.
5. Submit the **RENEW** job from the `&prefix.CNTL.RENEW` data set.
6. Check the SAS Log for the message that "**Siteinfo data have been updated**" to confirm that the setinit procedure executed successfully.

C. Setinit Troubleshooting

The following is a list of common error messages and solutions that might occur when attempting to update your setinit information. If you continue to see errors after attempting troubleshooting, create a case at the Customer Service Portal: https://service.sas.com/csm

- **ERROR**:

  ```
  ERROR: INCORRECT INFORMATION WAS ENTERED FOR PROC SETINIT. ALL INFORMATION
  MUST BE ENTERED EXACTLY AS IT APPEARS ON THE PROC SETINIT DATA RECEIVED
  FROM SAS INSTITUTE.
  ```

  Or

  ```
  ERROR: INCORRECT INFORMATION WAS ENTERED FOR THE PASSWORD XXXXXXX
  ```

  SOLUTION:

  The setinit information in the RENEWPRM member of the CNTLDSN must be entered ***exactly*** as it appears in the SID file that was attached to your Software Order Email. If any text of the setinit procedure is not the same, the above error occurs when you attempt to execute the RENEW job.

- **ERROR:**

  ```
  THE SAS SYSTEM IS EXECUTING ON A PROCESSOR (CPU) WHOSE MODEL NAME, MODEL
  NUMBER, AND SERIAL NUMBER ARE NOT INCLUDED IN THE SETINIT DATA USED TO
  INITIALIZE THE SAS SYSTEM LIBRARY IN USE. THIS IS PERMITTED IF THIS
  PROCESSOR IS A DESIGNATED BACKUP PROCESSOR FOR A LICENSED CPU. FOR THIS
  SITE, THE SAS SYSTEM IS LICENSED FOR THE FOLLOWING CPU SERIAL NUMBERS:
  MODEL IBM xxxx-xxxx SERIAL NUMBER yyyyyy
  ```

SOLUTION:

When the setinit procedure is executed on a processor that is not included in the setinit information, the above error message is issued. Be sure that the SAS system is running on the processor indicated in the setinit information. If the model name, number, or serial number of your mainframe system is different than the one listed in the setinit, contact your SAS Customer Service Representative for an updated setinit.

- **ERROR**:

  `THE SITE VALIDATION DATA CANNOT BE UPDATED. THIS IS MOST LIKELY DUE TO THE FACT THAT THE SASHELP CATALOG IS NOT AVAILABLE IN WRITE MODE, AND/OR THAT THE SETINIT OPTION HAS NOT BEEN SPECIFIED WHEN USING THE SAS COMMAND`

  SOLUTION:

  The above error indicates that UPDATE access to the SASHELP library was denied. Most likely, the setinit option was not specified when using `DISP=SHR`, a `DISP=OLD` was not present, or the user lacks the appropriate access authority (UPDATE required) to the SASHELP library. Make sure the necessary changes were made to the RENEW job and resubmit the job.

- **ERROR:**

  `THE LOG DOES NOT CONTAIN THE MESSAGE "SITEINFO DATA HAVE BEEN UPDATED"`

  SOLUTION:

  Either the `PROC SETINIT` was not correct, or the statements "**`SAVE; RUN;`**" were not included when the `PROC SETINIT` was copied to the mainframe.

For More Information

If you have questions about your SID file, or if you encounter problems applying your setinit, create a case at the Customer Service Portal: https://service.sas.com/csm

Request a Temporary SID File

For emergency situations, you can download a temporary SID file that will extend the use of your licensed SAS software for 15 days. To start the process, log in to your SAS account at https://my.sas.com.

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