

Software License Renewal Instructions

SAS 9.1.3 for z/OS

In order to run each software product that you license from SAS, you must apply the SETINIT information, which contains current data about your licensing agreement with SAS. 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 or add new products.

For changes to your license parameters, create a case at the Customer Service Portal:
<https://service.sas.com/csm>

Such parameters include the expiration date for your SAS software and 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.

Processing Renewal of the SAS System

Each SAS software product you install contains a file with a list of SAS statements used to invoke the SETINIT procedure. The information supplied with the SAS installation data file (SID file) procedure reflects your current license agreement with SAS.

There are two methods in which the SID file can be applied. Both methods involve saving the SID file on the system that your z/OS mainframe can access using File Transfer Protocol (FTP).

Save the attached file for a batch install as follows:

```
<My Documents>\SAS Installation Data\sas91_XXXXXX.txt
```

where <My Documents> is accessible via the **My Documents** icon on your desktop, and XXXXXX is the SAS software order number.

Method 1 - Using the SAS Installation Wizard for z/OS

1. Confirm that the attached file (sas91_XXXXXX.txt) has been saved to a file location that is accessible by the computer where your SAS software is installed. The installation program requires the data contained in the attached file and will ask you for the location where you saved it. Be sure to take note of where you save the attached file.
2. Use the SAS Installation Wizard for z/OS to retrieve your SID file from the saved location.
3. Click Install and when prompted, insert the SAS Installation Components for z/OS CD. Perform an Action R "Create Renewal Utility."
4. You are presented with a series of dialog boxes to define required installation parameters. Enter your site's parameters in the series of dialog boxes from the JOBCARD information dialog box forward.

5. After confirming that the symbolic parameters are correct, click **Yes** to invoke the batch renewal process.

Important: *Restart all SAS Servers and SAS Spawners after renewing your software. In order to use any newly licensed products included in a new SID file and for new expiration dates to take effect, you must restart all SAS Servers and SAS Spawners after applying the new SETINIT.*

Method 2 – Traditional Batch Submission

1. Confirm that the attached file (sas91_XXXXXX.txt) has been saved to a file location that is accessible by the computer where your SAS software is installed. The installation program requires the data contained in the Software Renewal Order Email and will ask you for the location where you saved it. Be sure to take note of where you save the attached file.
2. Create a member as \$SID in the CNTL data set.
3. FTP the SID file into the \$SID member. If FTP access is unavailable from where the SID file is saved to the mainframe, use whatever method is available to copy the contents of the SID file into the \$SID member of the CNTL data set.
4. Edit lines marked by <<<< in the EXPSID job of the CNTL data set and submit the EXPSID job.
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 the SID file was properly applied.

Important: *Restart all SAS Servers and SAS Spawners after renewing your software. In order to use any newly licensed products included in a new SID file and for new expiration dates to take effect, you must restart all SAS Servers and SAS Spawners after applying the new SETINIT.*

SETINIT Troubleshooting

The following is a list of common error messages and solutions that may occur when attempting to update your SETINIT information.

❑ 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 XXXXXXXX

SOLUTION:

The SETINIT information in the RENEWPRM member of the CNTLDSN must be entered *exactly* as it appears in the SID file which was attached to your Software Order E-mail. 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. This is most likely due to not specifying the SETINIT option when using DISP=SHR, not having a DISP=OLD, or not having 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.

Contact SAS Technical Support

Technical support is available to all customers who license SAS software. However, you are encouraged to engage your designated on-site SAS support personnel as your first support contact. If your on-site SAS support personnel cannot resolve your issue, they can [open a case with SAS Technical Support](#) to report your problem.

Before you contact SAS Technical Support, explore the SAS Support website at support.sas.com/techsup/. This site offers access to the SAS Knowledge Base, SAS communities, and other materials that might answer your questions.

When you contact SAS Technical Support, you are required to provide information, such as your SAS site number, company name, email address, and phone number, that identifies you as a licensed SAS software customer.

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 begin, log in to your SAS account at <https://my.sas.com>.

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