

# Software License Renewal Instructions

## SAS® 9.4 Foundation for UNIX Environments Basic Deployment

### Overview: Renewing SAS Software

SAS software is licensed on a periodic basis. You will receive new license information whenever you renew your existing SAS System license or add additional products to your license. The license information you receive is in the form of the SAS installation data file (SID file), which includes your SETINIT.

You must apply a valid SID file to the SAS system before your licensed software will run.

### *Installing Additional Software*

If you are installing additional products, the SAS Deployment Wizard automatically applies your SID file when you install the software.

### *Obtaining SID Files for Software Renewals*

A SID file must be applied when the license period has expired, and/or there has been a change in the SAS software products covered by the license.

- If you have added products, you must perform an add-on installation of those products using the new SAS installation data file.
- If you have no product changes, or if you have dropped products, renewing the license is the only step that is required.

At the time of your SAS software order, the designated SAS installation Site Representative receives an email containing your SID files as a text file attachment. This Software Order Email includes your SAS Installation Key and Order Number.

Each SID file name is in the format `SAS94_order-number_site-number_host-platform.txt`. Here is an example:

```
SAS94_111ABC_70000000_LINUX_X86-64.txt
```

Add the SAS installation data files to the `sid_files` directory of the SAS Software Depot. Do not replace any SID files that were delivered with the original order.

### *How to Renew Your SAS 9.4 License*

Successful installation of your SID file requires you to perform the steps intended for your release of SAS 9.4 software.

Launch the SAS Deployment Manager using the following command:

```
SASHOME/SASDeploymentManager/9.4/sasdm.sh
```

**For SAS 9.4M3 (TS1M3) or later:**

The option to “Renew SAS software” is available. Perform Step A, below.

A. [Run the Renew SAS Software 9.4 Utility](#).

**For SAS 9.4M2 (TS1M2) or earlier:**

The option to “Renew SAS software” is **not** available. Perform Step B, below.

B. [Run the SAS Setup Utility](#).

## A. Run the Renew SAS Software 9.4 Utility

If you already have SAS software installed, the Renew SAS Software 9.4 utility applies the SAS installation data file. Run this utility on each machine in your deployment where SAS Foundation is installed.

### Start the Renew SAS Software Utility

*Note:* When you renew the license, you must use the SAS Installer user ID that you used to install the software.

*Note:* If any SAS processes or SAS Spawners are running on the machine, stop them before you start the Renew SAS Software 9.4 utility.

1. Launch the SAS Deployment Manager using this command:

```
SASHOME/SASDeploymentManager/9.4/sasdm.sh
```

2. In the SAS Deployment Manager, select the option to **Renew SAS Software**. Click **Next**.

The Select License Renewal dialog box displays. The option to **Apply SAS Foundation license for renewal** is selected by default.

If the SAS LASR Analytic Server associated with SAS Visual Analytics is installed, the option to **Apply SAS LASR Analytic Server license file for renewal** is also listed but is grayed out.

3. Click **Next**.
4. Specify the absolute path to the SID file for the SAS Foundation installation on this machine.

Specify the path to the `sid_files` directory in your SAS Software Depot. Here is an example:

```
/SASDepot/sid_files/SAS94_999AAA_70000000_LINUX_X86-64.txt
```

When the SAS Deployment Manager has successfully used the SID file to update your SAS Foundation and SAS LASR Analytic Server, if installed, a green check mark is displayed.

5. Click **Finish**.
6. Determine whether additional SID files are attached to your Software Renewal Order email. If you have SAS installations on additional machines, you must renew SAS software on each machine using the appropriate SID file.

License renewal is complete.

## B. Run the SAS Setup Utility

**Important:** The SAS Setup Utility (*sassetup*) is no longer available as of SAS 9.4M7 (TS1M7). Use the instructions in Step A: [Run the Renew SAS Software 9.4 Utility](#) instead to renew your SAS Software if you have SAS 9.4M3 or later.

**Note:** When you renew the license, you must use the SAS Installer user ID that you used to install the software.

To renew your license and apply your new SID file or files to your existing SAS installation, take the following steps:

1. Stop all SAS processes that are running.
2. Run SAS Setup from `!SASROOT/sassetup`.
3. Press **Enter** to accept the option to **Renew SAS Software**.
4. You are prompted for the absolute path to the SID file for the SAS Foundation installation on this machine.

Specify the path to the `sid_files` directory in your Software Depot. Here is an example:

```
/SASDepot/sid_files/SAS94_999AAA_70000000_LINUX_X86-64.txt
```

5. Your license is updated immediately. SAS Setup reports whether the task was completed successfully.
  - If errors occur, a message indicates the log files to check.
  - If the SAS installation data is applied successfully, enter `Q` to quit SAS Setup and run the SAS System normally.
6. Determine whether additional SID files are attached to your Software Renewal Order email. If you have SAS installations on additional machines, you must renew SAS software on each machine using the appropriate SID file.

If you have questions about your SID file, or if you encounter problems renewing your license, contact SAS Technical Support.

### Emergency SETINITs

For emergency situations, you can download a temporary SID file that will extend the use of your licensed SAS software products for six days. To begin, visit the SAS License Assistance page, <https://support.sas.com/en/technical-support/license-assistance.html#unix>. Click **Request assistance** in the **Need a temporary license extension** section near the top of the page.

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