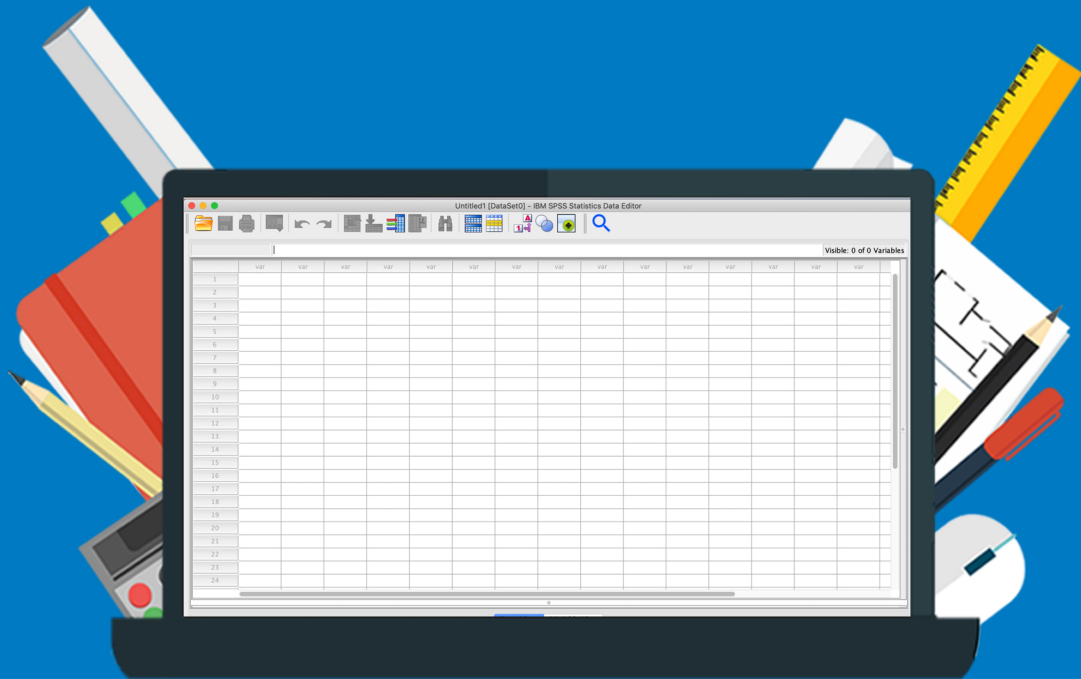


Installation Manual



IBM SPSS Statistics Interim Fix

for Mac

Before you start with the steps in the manual:

- The images from the manual may be slightly different compared to what you see on your own screen, but not so much that it should cause problems with performing all of the steps. For this manual we have used the images of the Dutch manual.
- If you have any questions after the manual (once having performed all the steps), please first look at the **frequently asked questions**, which can be found on the last page.
- Do you still have questions? Please send an email to info@surfspot.nl. Describe in your e-mail where / at which step you get stuck. Also send us your order number. The more relevant information we receive from you, the faster we can help you. For example, screenshots/videos (from your screen / from any error messages) are more than welcome.

Good luck!

Step 1: Update to the latest version of your version of SPSS

Perform the available update for your version of SPSS. For example, if you are using **SPSS 28**, you will need to upgrade to version **28.0.1** before proceeding. The updates can be found [on this page](#).

Stap 1: Update naar de nieuwste versie van jouw SPSS / Update to the latest version of your SPSS

Voorbeeld: als je SPSS 25 gebruikt, download dan SPSS 25.0.1. SPSS 26: SPSS 26.0.1. Etc.

Example: If you use SPSS 25, then download SPSS 25.0.1. SPSS 26: SPSS 26.0.1. Etc.

Downloadlinks voor Mac per SPSS versie:

Download links for Mac per SPSS version:



SPSS 25.0.1 / SPSS 26.0.1 / SPSS 27.0.1 / SPSS 28.0.1.

If you have already completed this step, proceed to the next step.

Step 2: Start the download of the Interim Fix for your version of SPSS on [this page](#).

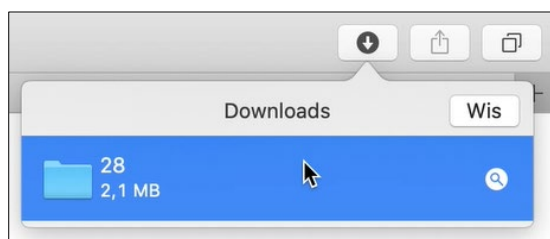
Stap 2: Download de Interim Fix voor jouw versie van SPSS en volg de stappen uit de handleiding / Download the Interim Fix for your version of SPSS and follow the steps from the manual

Downloadlinks per SPSS versie. Hieronder kun je een link naar de handleiding vinden.

Download links per SPSS version. Below you can find a link to the manual.



Step 3: The download opens at the bottom of your browser. Once the download is complete, you can open the file.



In the example above, I download SPSS 28. If you download SPSS 25, 26, 27 yourself, then the file you download has a slightly different name:

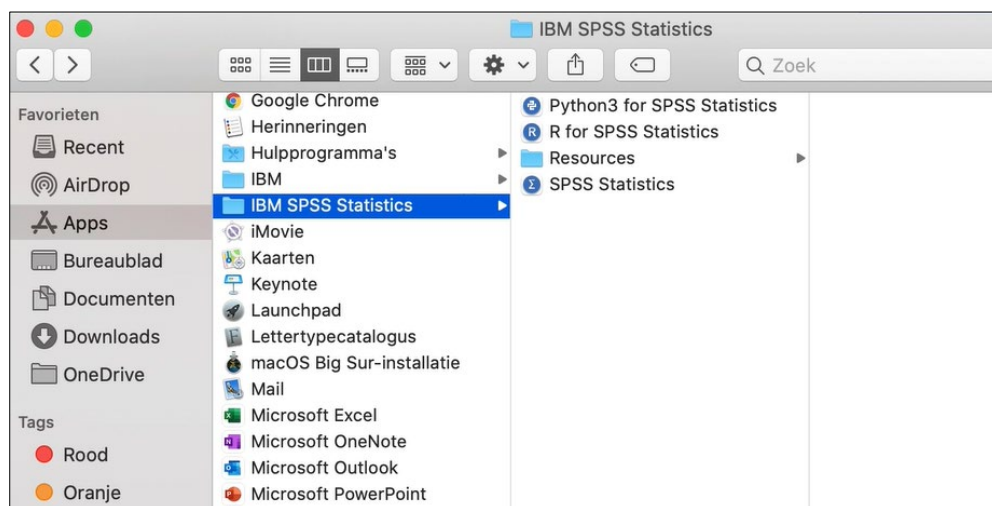
Naam
▶ 28
▶ 27
▶ 26
▶ 25

These are the new 'log4j' files you have now downloaded:

Naam	Bewerkingsdatum	Grootte	Soort
log4j-1.2-api-2.16.0.jar	14-12-2021 18:32	208 KB	Java J...bestand
log4j-api-2.16.0.jar	14-12-2021 18:31	302 KB	Java J...bestand
log4j-core-2.16.0.jar	14-12-2021 18:31	1,8 MB	Java J...bestand
Readme_28.0.1.0-6.txt	16-12-2021 23:42	3 KB	Platte tekst

The top three files together form the patch for the vulnerability discovered in log4j.

Step 4: Close SPSS and open the SPSS installation folder via your Apple Finder:



This image shows the SPSS 28 installation folder. Depending on your version of SPSS you can navigate to the installation folder in the following way:

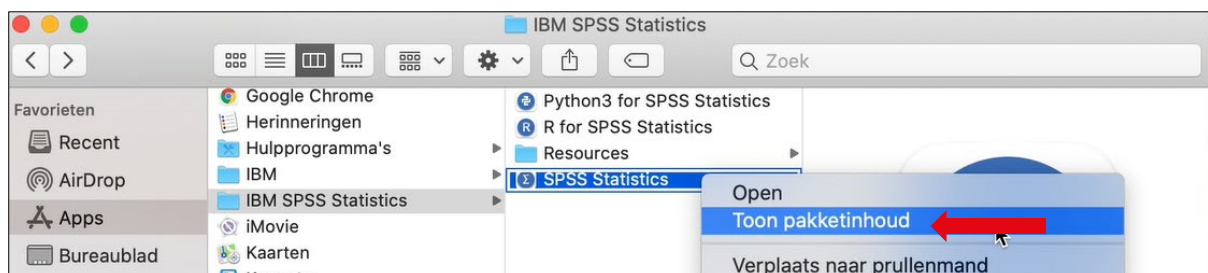
SPSS 25: Apps/IBM/SPSS/Statistics/25/

SPSS 26: Apps/IBM/SPSS/Statistics/26/

SPSS 27: Apps/IBM/SPSS/Statistics/27/

SPSS 28: Apps/IBM SPSS Statistics/

Step 5: Click on SPSS Statistics with your right mouse button, and select 'Show Package Contents (Toon pakketinhoud)'.



This image shows SPSS 28. Your screen might look a little different depending on your version of SPSS.

Step 6: We are now going to remove the vulnerable 'log4j' files from a number of folders, and add the new 'log4j' files to all folders.

The **new files** are the ones you downloaded in step 3:

log4j-core-2.16.0.jar, log4j-api-2.16.0.jar, log4j-1.2-api-2.16.0.jar

The steps to be taken now are different for every version of SPSS. For example, the steps that SPSS 25 users must take are different from the steps that SPSS 26 users must take, etc.

Look up your **SPSS version number** below, and follow the steps:

SPSS **25**:

In this YouTube video, we will show you how to perform the steps:

<https://www.youtube.com/watch?v=NF1vfuxAPMw>

Via **Finder**, look up the **locations** (folders) below. Behind each location you can find the **vulnerable log4j file** inside the folder that you need to delete .

Next, replace the deleted file by the three **new files**. Do this for all of the folders below.

You can navigate to all folders with your mouse.

Apps/IBM/SPSS/Statistics/25/SPSSStatistics/Contents/bin/ -> remove **log4j-1.2.16.jar**
Replace by log4j-core-2.16.0.jar, log4j-api-2.16.0.jar, log4j-1.2-api-2.16.0.jar
Apps/IBM/SPSS/Statistics/25/SPSSStatistics/Contents/common/ext/bin/spss.tm1.8 -> remove **log4j-1.2.16.jar**
Replace by log4j-core-2.16.0.jar, log4j-api-2.16.0.jar, log4j-1.2-api-2.16.0.jar
Apps/IBM/SPSS/Statistics/25/SPSSStatistics/Contents/common/ext/bin/spss.cognos.8 -> remove **log4j-1.2.17.jar**
Replace by log4j-core-2.16.0.jar, log4j-api-2.16.0.jar, log4j-1.2-api-2.16.0.jar
Apps/IBM/SPSS/Statistics/25/SPSSStatistics/Contents/as-3.1.0.0/lib/ -> remove **com.springsource.org.apache.log4j-1.2.16.jar**
Replace by log4j-core-2.16.0.jar, log4j-api-2.16.0.jar, log4j-1.2-api-2.16.0.jar
Apps/IBM/SPSS/Statistics/25/SPSSStatistics/Contents/3rdparty/ -> remove **com.springsource.org.apache.log4j-1.2.16.jar**
Replace by log4j-core-2.16.0.jar, log4j-api-2.16.0.jar, log4j-1.2-api-2.16.0.jar

"I cannot find all the files I need to delete. Is that a bad thing?" No, not necessarily. See the **frequently asked questions** for more info.

SPSS **26**:

In this YouTube video, we will show you how to perform the steps:

https://www.youtube.com/watch?v=z_9Vlr3YbJc&t=30s

Via **Finder**, look up the **locations** (folders) below. Behind each location you can find the **vulnerable log4j file** inside the folder that you need to delete .

Next, replace the deleted file by the three **new files**. Do this for all of the folders below.

You can navigate to all folders with your mouse.

Apps/IBM/SPSS/Statistics/26/SPSSStatistics/Contents/common/ext/bin/spss.tm1.9/ -> remove **log4j-1.2.16.jar**
Replace by log4j-core-2.16.0.jar, log4j-api-2.16.0.jar, log4j-1.2-api-2.16.0.jar
Apps/IBM/SPSS/Statistics/26/SPSSStatistics/Contents/common/ext/bin/spss.cognos.9/ -> remove **log4j-1.2.17.jar**
Replace by log4j-core-2.16.0.jar, log4j-api-2.16.0.jar, log4j-1.2-api-2.16.0.jar
Apps/IBM/SPSS/Statistics/26/SPSSStatistics/Contents/as-3.1.1.0/lib/ -> remove **com.springsource.org.apache.log4j-1.2.16.jar**
Replace by log4j-core-2.16.0.jar, log4j-api-2.16.0.jar, log4j-1.2-api-2.16.0.jar

"I cannot find all the files I need to delete. Is that a bad thing?" No, not necessarily. See the **frequently asked questions** for more info.

SPSS **27**:

In this YouTube video, we will show you how to perform the steps:

<https://www.youtube.com/watch?v=0Ub0gx35iz8&t=109s>

Via **Finder**, look up the **locations** (folders) below. Behind each location you can find the **vulnerable log4j file** inside the folder that you need to delete.

Next, replace the deleted file by the three **new files**. Do this for all of the folders below.

You can navigate to all folders with your mouse.

Apps/IBM SPSSStatistics 27/SPSSStatistics/Contents/bin/ -> remove **log4j-core-2.13.3.jar**
Apps/IBM SPSSStatistics 27/SPSSStatistics/Contents/bin/ -> remove **log4j-api-2.13.3.jar**
Apps/IBM SPSSStatistics 27/SPSSStatistics/Contents/bin/ -> remove **log4j-1.2-api-2.13.3.jar**
Replace by **log4j-core-2.16.0.jar**, **log4j-api-2.16.0.jar**, **log4j-1.2-api-2.16.0.jar**
Apps/IBM SPSSStatistics 27/SPSSStatistics/Contents/bin/as-3.2.3.0/lib/ -> remove **log4j-core-2.13.3.jar**
Apps/IBM SPSSStatistics 27/SPSSStatistics/Contents/bin/as-3.2.3.0/lib/ -> remove **log4j-api-2.13.3.jar**
Replace by **log4j-core-2.16.0.jar**, **log4j-api-2.16.0.jar**, **log4j-1.2-api-2.16.0.jar**
Apps/IBM SPSSStatistics 27/SPSSStatistics/Contents/common/ext/bin/spss.cognos.9/ -> remove **log4j-1.2.17.jar**
Replace by **log4j-core-2.16.0.jar**, **log4j-api-2.16.0.jar**, **log4j-1.2-api-2.16.0.jar**
Apps/IBM SPSSStatistics 27/SPSSStatistics/Contents/common/ext/bin/spss.tm1.9/ -> remove **log4j-1.2.16.jar**
Replace by **log4j-core-2.16.0.jar**, **log4j-api-2.16.0.jar**, **log4j-1.2-api-2.16.0.jar**

"I cannot find all the files I need to delete. Is that a bad thing?" No, not necessarily. See the **frequently asked questions** for more info.

SPSS **28**:

In this YouTube video, we will show you how to perform the steps:

<https://www.youtube.com/watch?v=QLQw2vEmMGg&t=6s>

Via **Finder**, look up the **locations** (folders) below. Behind each location you can find the **vulnerable log4j file** inside the folder that you need to delete .

Next, replace the deleted file by the three **new files**. Do this for all of the folders below.

You can navigate to all folders with your mouse

Apps/IBM SPSSStatistics/SPSSStatistics/Contents/bin/ -> remove **log4j-core-2.13.3.jar**
Apps/IBM SPSSStatistics/SPSSStatistics/Contents/bin/ -> remove **log4j-api-2.13.3.jar**
Apps/IBM SPSSStatistics/SPSSStatistics/Contents/bin/ -> remove **log4j-1.2-api-2.13.3.jar**
Replace by **log4j-core-2.16.0.jar**, **log4j-api-2.16.0.jar**, **log4j-1.2-api-2.16.0.jar**
Apps/IBM SPSSStatistics/SPSSStatistics/Contents/bin/as-3.3.0.0/lib/ -> remove **log4j-1.2-api-2.13.3.jar**
Apps/IBM SPSSStatistics/SPSSStatistics/Contents/bin/as-3.3.0.0/lib/ -> remove **log4j-core-2.13.3.jar**
Apps/IBM SPSSStatistics/SPSSStatistics/Contents/bin/as-3.3.0.0/lib/ -> remove **log4j-api-2.13.3.jar**
Replace by **log4j-core-2.16.0.jar**, **log4j-api-2.16.0.jar**, **log4j-1.2-api-2.16.0.jar**
Apps/IBM SPSSStatistics/SPSSStatistics/Contents/common/ext/bin/spss.cognos.9/ -> remove **log4j-core-2.13.3.jar**
Apps/IBM SPSSStatistics/SPSSStatistics/Contents/common/ext/bin/spss.cognos.9/ -> remove **log4j-api-2.13.3.jar**
Replace by **log4j-core-2.16.0.jar**, **log4j-api-2.16.0.jar**, **log4j-1.2-api-2.16.0.jar**

“I cannot find all the files I need to delete. Is that a bad thing?” No, not necessarily. See the **frequently asked questions** for more info.

Step 7: The new log4j files are now placed inside the SPSS installation folder! You can safely use SPSS again. Restart SPSS Statistics. If all goes well, this goes without error messages or anything alike.

Do you have any further questions? If so, please first look at the **frequently asked questions** below. Is the answer to your question not listed here? Then please contact us at info@surfspot.nl.

Frequently asked questions

1. How can I be sure that I can now use SPSS safely?

If you have any doubts: perform step 6 again to see if all vulnerable files have been removed from the SPSS installation folder. You should have already deleted the vulnerable files while following the steps in the manual. If you can still find one or more of the vulnerable files, please delete them. If you cannot find any of the vulnerable files, you can safely use SPSS.

2. The manual does not match my own SPSS installation in some ways. I cannot find some of the log4j files I need to delete in the SPSS installation folder. What now?

If you cannot find some files, that is okay, not something to worry about. Perform step 6 again to check if all vulnerable files have been removed from the SPSS installation folder / check if only the new log4j files are installed in your SPSS folders. If you cannot find any of the vulnerable log4j files, but only the new ones, then you can safely use SPSS.

3. I cannot start SPSS after following the steps in the manual. What now?

If the old and new log4j files are both in the installation folder, SPSS Statistics will not start up, this is a known problem. The solution is to remove the old / vulnerable log4j files from the installation folder. Use step 6 to check again if all vulnerable files have been removed from the SPSS installation folder. You can leave the new log4j files inside the folder.

