

# INSTALLATION INSTRUCTIONS FOR HOT FIX 21AML02 ON LINUX

## BEFORE DOWNLOADING:

The hot fix 21AML02 addresses the issue(s) in SAS Anti-Money Laundering 2.1 as documented in the "Issue(s) Addressed" section of the hot fix download page:

<http://ftp.sas.com/techsup/download/hotfix/aml21.html#21aml02>

## IMPORTANT NOTE(S):

1. You must have SAS Anti-Money Laundering 2.1 installed on your system before applying this hot fix.
2. It is always recommended that a backup of the original files be made whenever deploying any patch.
3. You must have Administrator Privileges on your CLIENT or SERVER machine.
4. All currently active SAS sessions, daemons, spawners and servers must be terminated before applying this hot fix.

## INSTALLATION:

The hot fix package downloaded is a tar file named 21aml02lx.tar.

1. Extract the contents of 21aml02lx.tar to a temporary directory. For example,

```
$ cd /tmp
$ tar -xf 21aml02lx.tar
```

This will create a directory named 21aml02 which contains the files

21amlsvr02lx.tar.Z  
contains SAS Anti-Money Laundering 2.1 server-side updates

21amlmid02wn.exe  
contains SAS Anti-Money Laundering 2.1 Java middleware updates  
**(use this file if mid-tier resides on Windows)**

21amlmid02ux.tar  
contains SAS Anti-Money Laundering 2.1 Java middleware updates  
**(use this file if mid-tier resides on Unix)**

Each individual hot fix file should be copied to the appropriate machine where the components to be updated are installed.

2. Use the instructions below to update the individual components that are applicable to your implementation.

### ***Installing 21amlsvr02lx.tar.Z***

In these instructions, the directory where SAS 9.1.3 (9.1 TS1M3) is installed is:

```
/usr/lib/sas913
```

1. Be sure to save a copy of each of the existing files before replacing them with the new ones. The files that should be backed up before continuing are listed in the next step (Step #2).

2. Assuming the compressed tar file is downloaded to the user's HOME directory, follow these procedures to install the package. The setup process will install the updated SAS catalogs, macros and datasets to the SAS Anti-Money Laundering 2.1 server.

```
$> cd /usr/lib/sas913  
$> uncompress -c $HOME/21amlsvr02lx.tar | tar -xf -
```

The files installed include:

```
!SASROOT/cmacros/antimnylndda/sasmacr.sas7bcac  
  
!SASROOT/misc/antimnylndda/report/alert_age_meta_us.xml  
!SASROOT/misc/antimnylndda/report/bayes_alert_report_meta_us.xml  
!SASROOT/misc/antimnylndda/report/bayes_sar_report_meta_us.xml  
  
!SASROOT/misc/antimnylndda/scenario/header_source/ext_party_header_cor.sas  
!SASROOT/misc/antimnylndda/scenario/header_source/ext_party_header_msb.sas  
!SASROOT/misc/antimnylndda/scenario/header_source/ext_party_header_pty.sas  
!SASROOT/misc/antimnylndda/scenario/header_source/party_watchlist_header.sas  
  
!SASROOT/misc/antimnylndda/scenario/help/bypage/main.htm  
  
!SASROOT/misc/antimnylndda/scenario/help/copyright.htm  
!SASROOT/misc/antimnylndda/scenario/help/doc.htm  
!SASROOT/misc/antimnylndda/scenario/help/welcome.htm  
  
!SASROOT/misc/antimnylndda/scenario/scenario_source/SAS10001.sas  
!SASROOT/misc/antimnylndda/scenario/scenario_source/SAS10002.sas  
!SASROOT/misc/antimnylndda/scenario/scenario_source/SAS10005.sas  
!SASROOT/misc/antimnylndda/scenario/scenario_source/SAS10006.sas  
!SASROOT/misc/antimnylndda/scenario/scenario_source/SAS10007.sas  
!SASROOT/misc/antimnylndda/scenario/scenario_source/SAS10008.sas  
!SASROOT/misc/antimnylndda/scenario/scenario_source/SAS10009.sas  
!SASROOT/misc/antimnylndda/scenario/scenario_source/SAS10011.sas  
!SASROOT/misc/antimnylndda/scenario/scenario_source/SAS10012.sas  
!SASROOT/misc/antimnylndda/scenario/scenario_source/SAS10014.sas  
!SASROOT/misc/antimnylndda/scenario/scenario_source/SAS10015.sas
```

!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10016.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10017.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10018.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10019.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10020.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10021.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10022.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10023.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10024.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10025.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10026.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10027.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10028.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10029.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10030.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10036.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10039.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10040.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10041.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10049.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10056.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10059.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10060.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10061.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10074.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10076.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10078.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10081.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10083.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10084.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10085.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10086.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10087.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10089.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10090.sas  
!SASROOT/misc/antimnylndda/scenario/scenario\_source/SAS10091.sas

!SASROOT/misc/antimnylndda/send\_alert\_reminder\_messages.sas  
!SASROOT/misc/antimnylndda/notify\_manager\_messages.sas

!SASROOT/samples/antimnylndda/install.sas  
!SASROOT/samples/antimnylndda/start\_share.sas  
!SASROOT/samples/antimnylndda/account\_profile\_prep.sas  
!SASROOT/samples/antimnylndda/autoexec.sas  
!SASROOT/samples/antimnylndda/bayes\_alert\_batch\_report.sas  
!SASROOT/samples/antimnylndda/bayes\_sar\_batch\_report.sas  
!SASROOT/samples/antimnylndda/closed\_loans\_prep.sas  
!SASROOT/samples/antimnylndda/create\_cash\_flow\_fact\_history.sas  
!SASROOT/samples/antimnylndda/create\_internal\_transfer\_activity.sas  
!SASROOT/samples/antimnylndda/defaulted\_loans\_prep.sas  
!SASROOT/samples/antimnylndda/dormant\_account\_db2\_prep.sas  
!SASROOT/samples/antimnylndda/dormant\_account\_oracle\_prep.sas  
!SASROOT/samples/antimnylndda/ext\_party\_trans\_cor\_prep.sas  
!SASROOT/samples/antimnylndda/ext\_party\_trans\_msb\_prep.sas  
!SASROOT/samples/antimnylndda/ext\_party\_trans\_pty\_prep.sas  
!SASROOT/samples/antimnylndda/insurance\_closing\_prep.sas

```
!SASROOT/samples/antimnylndda/insurance_transactions_prep.sas
!SASROOT/samples/antimnylndda/party_phone_prep.sas
!SASROOT/samples/antimnylndda/party_profile_prep.sas
!SASROOT/samples/antimnylndda/party_taxid_prep.sas
!SASROOT/samples/antimnylndda/profile_analysis.sas
!SASROOT/samples/antimnylndda/transactions_prep.sas
!SASROOT/samples/antimnylndda/unrelated_transfers_prep.sas
```

```
!SASROOT/sashelp/amlscenprops.sas7bdat
!SASROOT/sashelp/mnyutil.sas7bcat
!SASROOT/sashelp/scenarioadmin.sas7bcat
!SASROOT/sashelp/scenariopromotion.sas7bcat
```

3. Execute the script that will update the hot fix installation history file. This script MUST be executed from the !SASROOT directory.

```
$> pwd
    /usr/lib/sas913
$> install/admin/hotfix/histupd_21aml02
```

4. Update various scenario and header files:

a) Copy the following scenario code files to !AMLROOT/scenario/scenario\_source:

```
SAS10023.sas
SAS10085.sas*
SAS10091.sas
```

\*The source code for SAS10085.sas is used for SAS10085A, SAS10085B and SAS10085C scenarios. You will have to copy/rename the new file as such.

NOTE: Since logic updates occurred, you can either replace the latest version in AMLROOT/scenario/scenario\_code\_active. Or update the scenario via the Scenario Administrator and then copy the new scenario and rename as the latest version. This will give a new version number for the updated logic.

b) Copy the following header code files to !AMLROOT/scenario/header\_source and !AMLROOT/scenario/header\_code\_active.

```
ext_party_header_cor.sas
ext_party_header_msb.sas
ext_party_header_pty.sas
```

c) If you have any of the scenarios/headers active in your current installation, then you will want to register those scenarios via the Scenario Administrator. Re-registering or updating the scenarios will enforce that the source code and headers are moved to their respective \*\_code\_active directories.

5. Copy and update the following files:

install.sas: typically located in: !AMLROOT/custom/source

start\_share.sas: typically located in: !AMLROOT/share

### **Installing 21amlmid02wn.exe**

1. If the mid-tier resides on Windows copy this file to the PC and install it.

2. Launch 21amlmid02wn.exe, which will extract the following files to C:\21AML02:

sasaml.war

sasaml-web-config.zip

3. Create a backup of your existing web application configuration files create a directory like config\backup under your config directory and copy all of the files and directories in the config directory to the backup directory.

4. Un-zip the sasaml-web-config.zip file using the WinZip utility, this will extract to the config directory by default, ensure that you check the overwrite existing files box in WinZip.

5. Once this is done you can update the new config files from the backed-up versions and determine what if any changes are required to the new files.

6. Copy the sasaml.war file to a convenient location for the web application server.

**WebLogic:** Sign on to the WebLogic Administration application, go to the Deployments tab then select Web Applications. Select the sasaml application and delete it.

**WebSphere:** Sign on to the WebSphere admin console click on Applications, then Enterprise Applications then select sasaml then click on the Update button.

**Tomcat:** there are two methods to begin this operation.

a) Issue the Tomcat administrative command:

`http://<your_server>:3080/manager/remove?path=/sasaml`

b) Using the Windows Explorer, go to the Tomcat webapps directory. While Tomcat is running delete the sasaml.war file in the webapps directory. Then copy the new sasaml.war file to the webapps directory. Tomcat should deploy the new application; if not then follow the instructions in the Installation Manual.

Then using the SAS Anti-Money Laundering 2.1 Installation Manual Third Edition follow the instructions for installing the web application beginning in section 6.3.4 for Bea WebLogic, section 6.4.4 for IBM WebSphere or 6.5.5 for Apache Tomcat.

## **Installing 21amlmid02ux.tar**

1. If the mid-tier resides on a Unix system copy this file to the Unix box and and install it.

2. Extract the contents of this tar file to a temporary directory. For example,

```
$ cd /tmp
$ tar -xf 21amlmid02ux.tar
```

This will create a directory named 21aml02 which contains the files

```
sasaml.war
sasaml-web-config.tar.gz
```

3. Create a backup of your existing web application configuration files create a directory like config/backup under your config directory and copy all of the files and directories in the config directory to the backup directory.

4. Un-zip the sasaml-web-config.tar file using the gzip utility, this will extract to the sasaml-web-config.tar file.

5. Un-tar the sasaml-web-config.tar file to the config directory.

6. Once this is done you can update the new config files from the backed-up versions and determine what if any changes are required to the new files.

7. Copy the sasaml.war file to a convenient location for the web application server.

**WebLogic:** Sign on to the WebLogic Administration application, go to the Deployments tab then select Web Applications. Select the sasaml application and delete it.

**WebSphere:** Sign on to the WebSphere admin console click on Applications, then Enterprise Applications then select sasaml then click on the Update button.

**Tomcat:** there are two methods to begin this operation.

a) Issue the Tomcat administrative command:

```
http://<your_server>:3080/manager/remove?path=/sasaml
```

b) From the Unix command prompt, go to the Tomcat webapps directory. While Tomcat is running delete the sasaml.war file in the webapps directory. Then copy the new sasaml.war file to the webapps directory. Tomcat should deploy the new application; if not then follow the instructions in the Installation Manual.

Then using the SAS Anti-Money Laundering 2.1 Installation Manual Third Edition follow the instructions for installing the web application beginning in section 6.3.4 for Bea WebLogic, section 6.4.4 for IBM WebSphere or 6.5.5 for Apache Tomcat.

This completes the installation of hot fix 21AML02 ON LINUX FOR INTEL.