

Installation Instructions for Hot Fix K02001

Linux for x64

K02001 is a "container" hot fix that contains the following "member" hot fixes which will update the software components as indicated.

J71002 updates **SAS Detail Data Store for Insurance 5.5**

J98001 updates **SAS Firmwide Risk Management for Insurance Server 2.12**

J99001 updates **SAS Market Risk Management for Insurance Server 2.12**

K26001 updates **SAS Risk Management for Insurance Mid-Tier 2.12**

J97001 updates **SAS Risk Management for Insurance Server 2.12**

K22001 updates **SAS Risk Reporting Repository for Insurance 2.12**

K01001 updates **SAS Underwriting Risk Management for Life Insurance Server 2.12**

K21001 updates **SAS Underwriting Risk Management for P&C Insurance Server 2.12**

Before applying this hot fix, follow the instructions in [SAS Note 35968](#) to generate a SAS Deployment Registry report, and then verify that the appropriate product releases are installed on your system. The software components and release numbers should match the list of software components updated by the individual hot fix installers.

The hot fix downloaded, K02001pt.zip, includes the updates required for all components listed above on all applicable operating systems. To apply this hot fix on multiple machines, you can either save K02001pt.zip on each machine or save it in a network location that is accessible to all machines.

Do NOT extract the contents of K02001pt.zip. The hot fix installation process will extract the contents as needed.

IMPORTANT NOTES

1. Files delivered in this hot fix will be backed up during the installation process. However, it is good general practice to back up your system before applying updates to software.
2. Take backups of all .spk files prior to importing newer versions or making any updates to the contents of an existing .spk file. This can be done by first logging into the SAS Management Console (SMC) using the Administrator (sasadm) user, navigating to the appropriate folder containing metadata and exporting the folder contents to a uniquely named .spk file.
3. Configurations and related uncompiled macro files for the following reports will be updated in this install. The reports have been migrated to the EIOPA provided CP 11 Final QRT templates:

Country-K1

Cover-A1A

Cover-A1Q

OF-B1Q

RC
RE-J1 Basic
RE-J1 Shares
RE-J2 Basic
RE-J2 Shares
RE-J2 Group
RE-J3
RE-SPV
SCR-B2A
SCR-B2B
SCR-B2C
SCR-B3C
SCR-B3G
TP-E2
TP-E3
TP-E4
TP-E7A
TP-E7B
TP-F3

4. Stored Process (STP) names and descriptions have been updated in the metadata for a few reports to align with changes per CP 9 and CP 11 Final EIOPA templates. These updates can be applied to the system by importing reports.spk. Details of the import process are available in the section Import updated .spk files.
5. If you need to retain previous versions of these files, they can be retrieved from backup locations as needed.
6. You must have Administrator Privileges on your CLIENT or SERVER machine.
7. All currently active SAS sessions, daemons, spawners and servers must be terminated before applying this hot fix.
8. This hot fix should be installed using the same userid that performed the initial software installation.
9. On UNIX systems, you may need to adjust file permissions on all new and updated files to meet with your sites security guidelines.

INSTALLATION

Hot Fix K02001 must be installed on each machine where the updated components of the product, listed above, are installed. During the installation process you may see references to all operating systems for which updates are provided in the hot fix. The installation process will determine the operating system and which component(s) of Risk Management for Insurance 2.12 require updating on the machine. See [SAS Note 44810](#) for more details.

The hot fix will be applied using the SAS Deployment Manager (SDM). By default, the SDM will search in the `<SASHOME>/InstallMisc/Hot fixes/New` directory for hot fixes to be applied, but will also prompt for a location if you have downloaded hot fixes to a different directory.

After downloading K02001pt.zip, follow the instructions for applying hot fixes in the [SAS Deployment Wizard and SAS Deployment Manager 9.3: User's Guide](#).

The hot fix installation process generates the log file

`<SASHOME>/InstallMisc/InstallLogs/IT_date-and-time-stamp.log`

for example, `IT_2011-10-31-13.18.21.log`. Each attempt to apply a hot fix results in the creation of a new log file giving detailed information regarding the installation process.

Postexec log files are created after the installation is completed and identifies the files that were added, backed up, changed and removed. These log files include the 'member' hot fix id in the name of the file and are also written to the `<SASHOME>/InstallMisc/InstallLogs` directory. There is one postexec log for each 'member' hot fix applied (member hot fixes are listed at the top of these instructions).

The content of this hot fix is listed in the [hot fix manifest](#). This completes the installation of K02001. You must perform any "Post-Installation Instructions" documented below to successfully complete the deployment of this hot fix.

POST-INSTALLATION INSTRUCTIONS

I.

The hot fix provides script files, `copy_files.bat` and `copy_files.sh` for Linux and Unix-based operating systems respectively to enable versioning at the SAS product configuration level. The files are located at:

WIN:

```
<SASHOME>/SASFoundation/9.3/rmicomnsvr/misc/batch/hfscripts
```

UNIX:

```
<SASHOME>/SASFoundation/9.3/misc/rmicomnsvr/batch/hfscripts
```

Depending upon the operating system where the hot fix is installed, use a command prompt to change directory to the location of the appropriate script file above. Next, invoke the script file at the location and pass paths to the SASFoundation and SASCONFIG locations at the command line:

Note: Enclose within double quotes any path that contains spaces.

WIN: `copy_files.bat <SASROOT> <SASCONFIG>`

e.g. `copy_files.bat "C:\Program Files\SASHome\SASFoundation\9.3" "C:\SAS\Config\Lev1"`

UNIX:

```
copy_files.sh <SASROOT> <SASCONFIG>
```

e.g. `copy_files.sh /install/SASHome/SASFoundation/9.3 /install/sas/Config/Lev1`

Successful script execution will result in copying of all files from SASFoundation under `rmicomnsvr`, `rmifirmmva`, `rmilifemva`, `rmimktmva` and `rmipcmva` to their respective folders under `<SASCONFIG>`. Prior to copying, the script will move the existing source folders and their contents to a new folder named `source-pre-hf-K26001` on Linux and `source-pre-K26001` on UNIX.

Note: On UNIX systems, the script will actually copy files from SASFoundation to a directory, `source-K26001` and create a 'source' symbolic link to point to that directory.

II.

J71002 updates **SAS Detail Data Store for Insurance 5.5**

J98001 updates **SAS Firmwide Risk Management for Insurance Server 2.12**

J99001 updates **SAS Market Risk Management for Insurance Server 2.12**

K26001 updates **SAS Risk Management for Insurance Mid-Tier 2.12**

J97001 updates **SAS Risk Management for Insurance Server 2.12**

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K21001 updates **SAS Underwriting Risk Management for P&C Insurance Server 2.12**

J71002 for SAS Detail Data Store for Insurance 5.5

1. If you have existing DDS physical tables, take a backup of the data in a different location.
2. Following is the summary of the changes in this hot fix:

Newly added tables:

BUSINESS_ENTITY

Updated tables:

CONTRACT_SECTION_X_RI_CARRIER
FINANCIAL_FUND

Newly added columns:

Table Name	Column Name
BOND_INSTRUMENT	PRINCIPAL_EXCHANGE_FLG CONVERTIBLE_FLG
CEDED_LOSS	CEDED_LOSS_STATUS_CD CEDED_LOSS_STATUS_REASON_CD CEDED_LOSS_STATUS_CHANGE_DT CEDED_LOSS_AMT_CHANGE_DTTM
COUNTERPARTY	MIN_CAPITAL_REQ_FLG
FINANCIAL_ACCOUNT	PREPMT_PSA_SPEED_RT
FINANCIAL_POSITION	CUSTODIAN_COUNTERPARTY_RK
SECURITIZATION_POOL	RESECURITIZATION_FLG
CONTRACT_SECTION_X_RI_CARRIER	ANNOTATION_TXT
FINANCIAL_FUND	PROFIT_PARTICIPATION_PCT

Columns with changed attributes:

Table Name	Column Name
ACCOUNT_PERIOD_ASSOC	ORDER_NO
CURRENCY_CONVERSION_RATE	CONVERSION_RT
FINANCIAL_INSTRUMENT	FINANCIAL_INSTRUMENT_NM
FINANCIAL_INSTRUMENT	FINANCIAL_INSTRUMENT_NM
FUND_INSTRUMENT	LEVEL_OF_LOOKTHROUGH_CD
MARKET_DATA	DATA_DTTM
REINSURANCE_CONTRACT	CEDENTS_CONTRACT_ID
REINSURANCE_CONTRACT_SECTION	MAX_COVER_PER_RISK_EVENT
UNIT_OF_MEASURE	UOM_TYPE_DESC

3. If you already have existing DDS physical tables, execute the ddls of the tables that have undergone changes as mentioned in point 2 above from the `<SASHOME>/SASFoundation/9.3/misc/insurancedds/insurancedds_5.5/dll/sas` folder.
4. If you do not have existing DDS physical tables, execute the `ddlgen.sas` file present in `<SASHOME>/SASFoundation/9.3/misc/insurancedds/insurancedds_5.5/dll/sas` folder.
5. If you already have existing DDS physical tables, migrate data for those tables that are updated in this hot fix.
6. Copy the files present in `<SASHOME>/SASFoundation/9./misc/insurancedds/insurancedds_5.5/metadata` folder to a location that can be accessed by DI studio client.
7. Open DI studio and logon as unrestricted user.
8. If you have existing metadata for DDS, backup the same.
9. If you do not have existing metadata for DDS 5.5, import `insurancedds_55_sas.spk`, and `insurancedds_55_hf1_sas.spk` followed by `insurancedds_55_hf2_sas.spk`.
10. If you have existing metadata for DDS 5.5 and hot fix 1, import `insurancedds_55_hf2_sas.spk`.
11. For third party databases, the corresponding ddl and SAS package files can be used for applying the hot fix.

- Ddls for third party databases are available at
 <SASHOME>/SASFoundation/9.3/misc/insurancedds/insurancedds_5.5/ddl/<database name>/
 Db2: d2ddl.sas
 Oracle: orddlgen.sas
 Teradata: teradata/trddl.sas
- SAS package files for third party databases are available at
 <SASHOME>/SASFoundation/9.3/misc/insurancedds/insurancedds_5.5/metadata/
 Db2: IAA55: insurancedds_55_db2.spk
 IAA55 hf1: insurancedds_55_hf1_db2.spk
 IAA55 hf2: insurancedds_55_hf2_db2.spk
 Oracle: IAA55: insurancedds_55_oracle.spk
 IAA55hf1: insurancedds_55_hf1_oracle.spk
 IAA55 hf2: insurancedds_55_hf2_oracle.spk
 Teradata: IAA55: insurancedds_55_teradata.spk
 IAA55hf1: insurancedds_55_hf1_teradata.spk
 IAA55hf2: insurancedds_55_hf2_teradata.spk

For detailed instructions on creating physical table and importing metadata, please refer to SAS® *Detail Data Store for Insurance 5.5*.

Notes:

- For third party databases, if DDS physical tables already exist, then
 - Backup the data from tables which have undergone changes as mentioned in point 2 above.
 - Drop the physical tables.
 - Execute the macro of table creation (d2ddl.sas / orddlgen.sas / trddl.sas based on database) with keeping list of only the tables mentioned in point 2.

J98001 for SAS Firmwide Risk Management for Insurance Server 2.12

NONE

J99001 for SAS Market Risk Management for Insurance Server 2.12

NONE

J97001 for SAS Risk Management for Insurance Server 2.12

Import updated .spk files:

1. Backup existing metadata.
2. Import delivered SPK files using SAS MC Import/Export SAS Package wizard

a. Import updated *analysis.spk* for Firmwide Risk Server 2.12

- i. Login to SAS Management Console (SMC) as the Administrator (sasadm) user
- ii. Click on the Folders tab
- iii. Navigate to the folder *Analysis* under System -> Applications -> SAS Risk Management for Insurance -> Firmwide Risk Server 2.12
- iv. Select all the STPs, right-click and select Delete. Ensure that all STPs have been deleted from the Analysis folder. The reason these STPs need to be deleted is that a parameter, RR_INPUTS has been added to most of the STPs. The parameter can be seen by expanding the System parameter group on the Parameters tab.
- v. Next, right-click on the *Analysis* folder and select **Import SAS Package** from the menu
- vi. Browse to
<SASHOME>/SASFoundation/9.3/misc/rmifirmmva/Config/Deployment/Packages and select the *analysis.spk* file.
- vii. Select the radio button for **All Objects** and click Next.
- viii. You should see a list of STPs in the window. Click Next and then Next again.
- ix. Ensure that you have the correct mappings for the SAS Application Servers. Click Next.
- x. On this screen, map source code repositories between original and target application servers. Choose the path to the *<SASCONFIG>/Applications/SASRiskManagementForInsurance/2.12/source/firmwide/sasstp* folder. Click Next.
- xi. Review the Summary information and click Next if correct. Otherwise, click on the Back buttons to make necessary corrections in earlier steps.
- xii. The next screen should show that the import was completed. Click the View Log button and scan the log for any errors. If the import was successful, you should see messages such as “The import process completed successfully” in the log.
- xiii. Click Ok and then Finish.

b. Import updated *analysis.spk* for Life Risk Server 2.12

- i. Login to SAS Management Console (SMC) as the Administrator (sasadm) user

- ii. Click on the Folders tab
- iii. Navigate to the folder Analysis under System -> Applications -> SAS Risk Management for Insurance -> Life Risk Server 2.12
- iv. Select all the STPs, right-click and select Delete. Ensure that all STPs have been deleted from the Analysis folder. The reason these STPs need to be deleted is that a parameter, RR_INPUTS has been added to most of the STPs. The parameter can be seen by expanding the System parameter group on the Parameters tab.
- v. Next, right-click on the Analysis folder and select Import SAS Package from the menu
- vi. Browse to
<SASHOME>/SASFoundation/9.3/misc/rmilifemva/Config/Deployment/Packages and select the analysis.spk file.
- vii. Select the radio button for **All Objects** and click Next
- viii. You should see a list of STPs in the window. Click Next and then Next again.
- ix. Ensure that you have the correct mappings for the SAS Application Servers. Click Next.
- x. On this screen, map source code repositories between original and target application servers. Choose the path to the
<SASCONFIG>/Applications/SASRiskManagementForInsurance/2.12/source/life/sasstp folder. Click Next.
- xi. Review the Summary information and click Next if correct. Otherwise, click on the Back buttons to make necessary corrections in earlier steps.
- xii. The next screen should show that the import was completed. Click the View Log button and scan the log for any errors. If the import was successful, you should see messages such as “The import process completed successfully” in the log.
- xiii. Click Ok and then Finish.

c. Import updated *analysis.spk* for Market Risk Server 2.12

- i. Login to SAS Management Console (SMC) as the Administrator (sasadm) user
- ii. Click on the Folders tab
- iii. Navigate to the folder Analysis under System -> Applications -> SAS Risk Management for Insurance -> Market Risk Server 2.12
- iv. Select all the STPs, right-click and select Delete. Ensure that all STPs have been deleted from the Analysis folder. The reason these STPs need to be deleted is that a parameter, RR_INPUTS has been added to most of the STPs. The parameter can be seen by expanding the System parameter group on the Parameters tab.
- v. Next, right-click on the Analysis folder and select Import SAS Package from the menu

- vi. Browse to
<SASHOME>/SASFoundation/9.3/misc/rmimktmva/Config/Deployment/
Packages and select the analysis.spk file.
- vii. Select the radio button for **All Objects** and click Next
- viii. You should see a list of STPs in the window. Click Next and then Next
again.
- ix. Ensure that you have the correct mappings for the SAS Application
Servers. Click Next.
- x. On this screen, map source code repositories between original and target
application servers. Choose the path to the
<SASCONFIG>/Applications/SASRiskManagementForInsurance/2.12/so
urce/market/sasstp folder. Click Next.
- xi. Review the Summary information and click Next if correct. Otherwise,
click on the Back buttons to make necessary corrections in earlier steps.
- xii. The next screen should show that the import was completed. Click the
View Log button and scan the log for any errors. If the import was
successful, you should see messages such as “The import process
completed successfully” in the log.
- xiii. Click Ok and then Finish.

d. Import updated *analysis.spk* for Property Casual Risk Server 2.12

- i. Login to SAS Management Console (SMC) as the Administrator (sasadm)
user
- ii. Click on the Folders tab
- iii. Navigate to the folder Analysis under System -> Applications -> SAS
Risk Management for Insurance -> Property Casual Risk Server 2.12
- iv. Select all the STPs, right-click and select Delete. Ensure that all STPs
have been deleted from the Analysis folder. The reason these STPs need to
be deleted is that a parameter, RR_INPUTS has been added to most of the
STPs. The parameter can be seen by expanding the System parameter
group on the Parameters tab.
- v. Next, right-click on the Analysis folder and select Import SAS Package
from the menu.
- vi. Browse to
<SASHOME>/SASFoundation/9.3/misc/rmipcmva/Config/Deployment/P
ackages and select the analysis.spk file.
- vii. Select the radio button for **All Objects** and click Next.
- viii. You should see a list of STPs in the window. Click Next and then Next
again.
- ix. Ensure that you have the correct mappings for the SAS Application
Servers. Click Next.
- x. On this screen, map source code repositories between original and target
application servers. Choose the path to the
<SASCONFIG>/Applications/SASRiskManagementForInsurance/2.12/so
urce/nonlife/sasstp folder. Click Next.

- xi. Review the Summary information and click Next if correct. Otherwise, click on the Back buttons to make necessary corrections in earlier steps.
- xii. The next screen should show that the import was completed. Click the View Log button and scan the log for any errors. If the import was successful, you should see messages such as “The import process completed successfully” in the log.
- xiii. Click Ok and then Finish.

e. Import updated *reports.spk* for the RMI Common Server component

- i. Login to SAS Management Console (SMC) as the Administrator (sasadm) user
- ii. Click on the Folders tab
- iii. Navigate to the folder *Reports* under System -> Applications -> SAS Risk Management for Insurance -> Risk Management for Insurance Server 2.12
- iv. Select all the *Reports*, right-click and select Delete. Ensure that all *Reports* have been deleted from the Reports folder.
- v. Next, right-click on the Reports folder and select **Import SAS Package** from the menu
- vi. Browse to
<SASHOME>/SASFoundation/9.3/misc/rmicomnsvr/Config/Deployment/
Packages and select the *reports.spk* file.
- vii. Select the radio button for **All Objects** and click Next
- viii. You should see a list of *Reports* in the window. Click Next and then Next again.
- ix. Ensure that you have the correct mappings for the SAS Application Servers. Click Next.
- x. On this screen, map source code repositories between original and target application servers. Choose the path to the
<SASCONFIG>/Applications/SASRiskManagementForInsurance/2.12/source/common/sasstp folder. Click Next.
- xi. Review the Summary information and click Next if correct. Otherwise, click on the Back buttons to make necessary corrections in earlier steps.
- xii. The next screen should show that the import was completed. Click the View Log button and scan the log for any errors. If the import was successful, you should see a message such as "The import process completed successfully" in the log.
- xiii. Click Ok and then Finish.
- xiv. If required, selectively import metadata from the backup SPK (refer to Step 1) for only those QRTs that were customized earlier and are not delivered in the hot fix.

f. Import updated *rmi_etl_bridge_212_hf1.spk* for the RMI Solution Data Mart (SDM) ETL jobs

- i. Following is the summary of modified jobs in this hot fix:

Modified Jobs:

- RMI_INT_100_I_COUNTERPARTY_CREDIT_ASSESSMENT
- RMI_STG_210_COVERED_PERILS
- RMI_STG_210_FINANCIAL_FUND
- RMI_STG_210_RI_CARRIER_X_RI_CONTRACT_SECTN
- RMI_STG_230_CDO_INSTRUMENT
- RMI_STG_230_COUNTERPARTY_RATINGS
- RMI_STG_230_DISCRETE_CARRYING_COST

- ii. If you already have existing RMI 2.12 ETL jobs, then import the *rmi_etl_bridge_212_hf1.spk* file from <SASHOME>/SASRiskManagementForInsuranceMidTier/2.12/ETL folder as explained below.

Note: If RMI 2.12 ETL is not existing then first import *rmi_etl_bridge.spk* from the same location.

- A. Login to SAS DI Studio as the Administrator (sasadm) user
- B. Click on the Folders tab
- C. Navigate to the folder Products
- D. Right-click on the Products folder and select Import SAS Package from the menu
- E. Browse to /SASRiskManagementForInsuranceMidTier/2.12/ETL and select the *rmi_etl_bridge_212_hf1.spk* file.
- F. Select the radio button for All Objects and click Next.
- G. Select the objects to Import and click Next
- H. Click Next on 'About metadata connections' Screen
- I. Select the target libraries that correspond to original libraries. Click Next
- J. Select the target tables that correspond to original tables. Click Next.
- K. Ensure that you have the correct mappings for the SAS Application Servers. Click Next.
- L. Review the Summary information and click Next.
- M. The next screen should show that the import was completed. Click the View Log button and scan the log for any errors. If the import was successful, you should see a message such as "The import process completed successfully" in the log
- N. Click Ok and then Finish.
- O. Open the Job 'RMI_STG_210_INTERNAL_ORG_ASSOC' present under Products → SAS Risk Management for Insurance → RMI 2.12 → Staging Data Mart → Jobs
- P. In the RMI_STG_210_INTERNAL_ORG_ASSOC job diagram, right click the work table of Extract 1.

- Q. Click Properties.
- R. Click Physical Storage tab.
- S. Change the Location from 'Job's default library for temporary tables' to 'Standard temporary library (SAS Work)'.
- T. Click Ok.
- U. Go to File menu, click 'Save' to save the changes.
- V. Close the job 'RMI_STG_210_INTERNAL_ORG_ASSOC'.
- W. Execute the below code in DI Studio to delete the metadata for physically removed tables/ columns.

The code below will synchronize table/ column metadata as per physical structures.

(Assumption: All DDLs for current hot fix have been executed.)

In DI Studio start the code editor from "Tools" menu and execute below code with appropriate values of parameters.

```
Options metapass="<password for metadata user>"
      metaport=<port number>
      metaprotocol=bridge
      metarepository="foundation"
      metaserver="<metadata server>"
      metauser="<metadata user id>";
```

```
proc metalib;
      omr (library="RMI Staging" rename="foundation");
      update_rule (delete noadd);
      report;
run;
```

3. If required, selectively import metadata from the backup SPK (refer to Step 1) for only those QRTs that were customized earlier and are not delivered in the hot fix.

Follow the steps below to regenerate the Solution Data Mart (SDM):

1. Locate the *create_solution_data_mart.sas* file in your install: in a typical install, the macro resides under <SASCONFIG>/Applications/common/solution_data_mart
2. Open the *create_solution_data_mart.sas* file in a BASE SAS session on the installation server (where the SAS code resides)
3. Scroll to the bottom of the macro file and comment out the following line:

```
%create_solution_data_mart(
soln_data_mart_dir=&sysparm,
```

```
fca_c_lib_nm=FINCAD_Suite_32_2011,  
fea_c_lib_nm=intrlib,  
run_tps_fincad_flag=N,  
run_tps_fea_flag=N );
```

4. Compile the macro in the SAS session by clicking the **Submit** button on the menu
5. After successful compilation, execute the following macro below:

```
%create_solution_data_mart(soln_data_mart_dir=<complete path to indata directory in  
your install>);
```

Example of indata path:
<CONFIGDIR>/AppData/SASRiskManagementForInsurance/2.12/indata
6. Check the SAS log for successful execution of the preceding macro.
In addition, complete the following to recreate any shared entity data marts and user directories.
7. Delete all user folders found in
<SASCONFIG>/AppData/SASRiskManagementForInsurance/2.12/data/userdata
8. Login to **Risk Management for Insurance 2.12**
9. Select **File > Select Entity**, choose an entity from the list, and click **OK**.
10. Re-create the shared data mart for that entity.

Select **File > Manage Shared Data Mart** from the menu and click **Delete**, then click **Create** in the same **Manage Shared Data Mart** window.
11. Repeat steps 8 and 9 for each Entity.

[K22001 for SAS Risk Reporting Repository for Insurance 2.12](#)

Data model changes have been made to the SAS Risk Reporting Repository for Insurance. You must update the structures of the private RRR location and Shared location.

There are different ways in which to apply the new structure. Please select one of the following methods that is applicable to your installation(s).

NB: Some tables and/or columns have been removed from the model. The files for these structures may still exist on your installation due to the delivery mechanism; however, code has been added to ignore the pre-existing files when necessary.

NB: If the SDM has been recreated in the previous section, the structures of the Private locations will be automatically updated with the latest reportmart structure. If the SDM has not been recreated, then the following methods can be applied to both the private and shared locations depending on the state of your installation to update the reportmart to the latest structure.

1. Updating via the provided sample data:

If a given reportmart location has not been updated by another process, creating the shipped reportmart sample data in a given location will install the data model changes.

The shipped sample data scripts already contain the updates in the RRR data model/formats. If you would like to utilize the shipped RMI sample data for the RRR without maintaining existing data, create the RRR sample data using the following steps.

Note: The sample data creation script does not depend on the version of the original RRR that is being overwritten. This script will overwrite the existing data and data model. For example, if you have the RRRI 212 version of the RRR and are installing the RRR hot fix, by creating the shipped sample data you do not need to install the "sample data for the previous release". The shipped sample data is a snapshot of the given version.

Submit the following code with your installation specific information:

```
options metauser="<username>" metapass="<password>" metaserver="<server_name>"  
metaport=<port_number> metarepository="Foundation";
```

```
%rmiinit;  
%rmi_batch_create_rrr_sample_data(ENTITY=MAIN,USERNAME=<username>,SCOPE=P);
```

* If you need to install the reportmart sample data to the Global RRR with the sample data script, you must submit the following code with the additional information and changes:

```
%let rrr_user=<username>;  
%let rrr_password=<Password>;
```

```
options metauser="<username>" metapass="<password>" metaserver="<server_name>"  
metaport=<port_number> metarepository="Foundation";  
%rmiinit;  
%rmi_batch_create_rrr_sample_data(ENTITY=MAIN,USERNAME=<username>,SCOPE=S);
```

NOTE: It is not recommended that you use this process on the Global RRR unless you are absolutely certain of your specific installation needs. The script, as shown above, deletes the Global RRR and replaces the location with the new version of the RRR with the shipped sample data ONLY. All data in the Global location will be lost using this process.

2. Updating an existing install with alter/migration scripts:

If you have existing data in your reportmart and wish to only apply the data model changes, execute the specific alter scripts for your given installations:

A. If the reportmart is the RRRI212 version: execute `%run_rrri21m2_to_rrr121m2hf1`. Follow the instructions to execute this alter script in the PDF document *m2rrri212_to_m2rrri212hf1_instructions.pdf* that has been delivered with the alter scripts. These files will be typically located in the following directory:

WIN:

<SASHOME>\SASFoundation\9.3\rskrptrpsin\sasmisc\alterscripts\rrri21m2_to_rrri21m2hf1

UNIX:

<SASHOME>/SASFoundation/9.3/misc/rskrptrpsin/alterscripts/rrri21m2_to_rrri21m2hf1

B. If the reportmart is the RRRI21 version, you must first migrate that installation to the RRRI212 version using the provided migration scripts delivered in 212. After the migration has been completed, use the migration script from the RRRI212 to RRRI212HF1 script to bring the data forward to the current version.

[K01001 for SAS Underwriting Risk Management for Life Insurance Server 2.12](#)

NONE

[K21001-for SAS Underwriting Risk Management for P&C Insurance Server 2.12](#)

NONE

[K26001 for SAS Risk Management for Insurance Mid-Tier 2.12](#)

NONE

This completes the installation of hot fix **K02001** on **Linux for x64**.