# Installation Instructions for Hot Fix J71005

## Linux

Hot fix J71005 addresses the issue(s) in SAS Detail Data Store for Insurance5.5 as documented in the *Issue(s) Addressed* section of the hot fix download page:

http://ftp.sas.com/techsup/download/hotfix/HF2/J71.html#J71005

## IMPORTANT NOTES

1. You must have SAS Detail Data Store for Insurance5.5 for the version installed on your system before applying this hot fix. Refer to SN-35968 for instructions on how to determine which product releases you have installed.
2. 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.
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.
5. This hot fix should be installed using the same userid who performed the initial software installation.

## INSTALLATION

The J71005 hot fix for SAS Detail Data Store for Insurance 5.5 will be installed using the SAS Deployment Manager (SDM). By default, the SDM will search in the <SASHOME>/InstallMisc/HotFixes/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 J71005hx.zip, follow the instructions for applying hot fixes in the **SAS Deployment Wizard and SAS Deployment Manager 9.3: User's Guide**.

## POST-INSTALLATION INSTRUCTIONS

1. If you have existing DDS physical tables, then take a backup of the data in a different location.
2. Following is the summary of the changes as of IAA55 HF4

- **Newly added tables:**

| Table Name |
| --- |
| BUSINESS_ENTITY |
| TRADE |

- **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 |
| | SINGLE_NAME_EXPOSURE_FLG |
| | SOLVENCY2_STANDARD_ID |
| CREDIT_RISK_MITIGANT | PRIM_COLL_ASSET_TYPE_CD |
| 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 |
| | DERIVATVE_HELD_LINKED_FUND_FLG |
| XL_LAYER_X_RI_CARRIER | ANNOTATION_TXT |
| FINANCIAL_INSTRUMENT_CHNG | SWAP_DELIVERED_CURRENCY_CD |
| | SWAP_RECEIVED_CURRENCY_CD |
| FUND_INSTRUMENT | DELTA_RT |
| PORTFOLIO | ASSET_PORTFOLIO_SEGMNT_TYPE_CD |
| GL_ACCOUNT_BALANCE | TAX_RT |
| GL_SEGMENT_BALANCE | AS_OF_DT |
| | TAX_RT |
| REPO_INSTRUMENT | COLLATERAL_TYPE_CD |
| | ROLLOVER_STRATEGY_ID |
| SECURITIZATION_INSTRUMENT | PREPAY_STRUCTURED_PRODUCT_FLG |
| SECURITIZATION_POOL | UNDERLYING_COLLATERAL_TYPE_CD |

- **Columns having changed attributes:**

| Table Name | Column Name |
| --- | --- |
| ACCOUNT_PERIOD_ASSOC | ORDER_NO |
| CURRENCY_CONVERSION_RATE | CONVERSION_RT |
| 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, then execute the ddls of the tables which have undergone changes as mentioned in point 2 above from *<SASHOME>/SASFoundation/9.3/misc/insurancedds/insurancedds_5.5/ddl/sas* folder.

4. If you do not have existing DDS physical tables, then execute the ddlgen.sas file present in *<SASHOME>/SASFoundation/9.3/misc/insurancedds/insurancedds_5.5/ddl/sas* folder.

5. If you already have existing DDS physical tables, migrate the data for those tables which are updated in this hot fix.

6. Copy the files present in *<SASHOME>/SASFoundation/9.3/misc/insurancedds/insurancedds_5.5/metadata/* folder to a location which 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, then import *insurancedds_55_sas.spk, insurancedds_55_hf1_sas.spk, insurancedds_55_hf2_sas.spk, and insurancedds_55_hf3_sas.spk* followed by *insurancedds_55_hf4_sas.spk*.

10. If you have existing metadata for DDS 5.5, then import *insurancedds_55_hf1_sas.spk, insurancedds_55_hf2_sas.spk, and insurancedds_55_hf3_sas.spk* followed by *insurancedds_55_hf4_sas.spk*.

11. If you have existing metadata for DDS 5.5 and hot fix 1, then import *insurancedds_55_hf2_sas.spk, insurancedds_55_hf3_sas.spk* followed by *insurancedds_55_hf4_sas.spk*.

12. If you have existing metadata for DDS 5.5 and hot fix 1 and 2, then import *insurancedds_55_hf3_sas.spk* followed by *insurancedds_55_hf4_sas.spk*.

13. If you have existing metadata for DDS 5.5 and hot fix 1, 2 and 3, then import *insurancedds_55_hf4_sas.spk*.

14. 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/meta data/*
     *DB2:        IAA55: insurancedds_55_db2.spk*
     *           IAA55 hf1: insurancedds_55_hf1_db2.spk*
     *           IAA55 hf2: insurancedds_55_hf2_db2.spk*
     *           IAA55 hf3: insurancedds_55_hf3_db2.spk*
     *           IAA55 hf4: insurancedds_55_hf4_db2.spk*

*Oracle:*  *IAA55: insurancedds_55_oracle.spk*
     *IAA55hf1: insurancedds_55_hf1_oracle.spk*
     *IAA55 hf2: insurancedds_55_hf2_oracle.spk*
     *IAA55 hf3: insurancedds_55_hf3_oracle.spk*
     *IAA55 hf4: insurancedds_55_hf4_oracle.spk*

*Teradata:*  *IAA55: insurancedds_55_teradata.spk*
     *IAA55hf1: insurancedds_55_hf1_teradata.spk*
     *IAA55hf2: insurancedds_55_hf2_teradata.spk*
     *IAA55hf3: insurancedds_55_hf3_teradata.spk*
     *IAA55hf4: insurancedds_55_hf4_teradata.spk*

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

**Notes:**

a. For third party databases, if DDS physical tables already exist, then o Backup the data from tables which have undergone changes as mentioned in point 2 above.
  o Drop the physical tables.
  o 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.

This completes the installation of hot fix **J71005** on **Linux**.