

Sterling Business Intelligence



# Hot Fix Release Notes

*Release 8.5, HF7*



Sterling Business Intelligence



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**Note**

Before using this information and the product it supports, read the information in "Notices" on page 7.

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## In This Hot Fix

This hot fix contains IBM® Sterling Business Intelligence software fixes.

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### Installation Information

The prerequisites for this hot fix differ, depending on whether you are a new customer or an existing customer.

#### Prerequisites

Before you begin installing this hot fix feature, complete these prerequisites:

- If you are a new customer
  - Install Sterling Selling and Fulfillment Foundation Release 8.5 before you install this hot fix. For information about installing Release 8.5, see the installation information on <http://sciblrdocbld-dt/Documentation/MCSF85/SMCSFSInstallationHome.htm>.
  - Follow the Hot Fix Installation Procedure below.
- If you are an existing customer, follow the Hot Fix Installation Procedure below.

#### Hot Fix Installation Procedure

This hot fix and the associated Release Notes New Feature document are available on the Sterling Commerce Customer Center. If you are not already logged into this site, follow these steps to obtain the software download and Release Notes New Feature document:

1. After you log in, click the **Support Center** tab at the top of the main page.
2. In the left pane, hover over **Selling & Fulfillment Suite > Multi-Channel Fulfillment (8x and Below) >** and select **Product Update & Downloads**.
3. In the Multi-Channel Fulfillment pane, click on **Multi-Channel Fulfillment - Release 8x**. A list of Release 8.5 hot fixes is displayed.
4. Click on the links for the latest software download and the associated Release Notes New Feature document.

The installation instructions file, `HotFixInstallation.txt`, is included in the hot fix package.

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### Defects Addressed In This Hot Fix

The following defects have been addressed in this and previous hot fixes to Sterling Selling and Fulfillment Foundation, Release 8.5.

#### Hot Fix 7

Defect ID	250693
Case ID	00332284

Release 8.5-HF7

**Description** The staging incremental ETL throws an "ORA-01555" error and hangs when attempting to load huge number of records.

**Solution:** The time span of transaction job stream from last run to current timestamp is divided into multiple segment using time as parameter to prevent loading all the data at once. Multiple transaction jobs will be invoked in sequence with each segment of time interval.

A new parameter '<interval in hours>' has been exposed to enable a user to load data in the sequence.

Also, in the *Sterling Business Intelligence: Implementation Guide*, the command to load the incremental data for Windows and Linux or UNIX, must be read as follows:

For Windows;

```
staging_load_management.cmd ALL_Incremental
<incremental_load_package_file path> <interval in hours>
```

For Linux or UNIX;

```
staging_load_management.sh ALL_Incremental
<incremental_load_package_file path> <interval in hours>
```

**Note:** By default the <interval in hours> value will be 1 if not specified.

## Hot Fix 6

Release 8.5-HF6

**Defect ID** 248540, 243025

**Case ID** Internal

**Description** When a user attempts to move a large number of records, the incremental load becomes slow.

**Solution:** A filter has been provided at the data stream to reduce the record insertion.

**Defect ID** 249231

**Case ID** 00325452



**Description** The system must allow the incremental load to be run on the master tables using MODIFYTS as the CDC (Changed Data Capture) filter.

**Solution:** A user must enable the CDC based on the incremental load to run the master table, by performing the following actions:

1. Create the `sbi_staging_entities.xml` file, if it does not already exist, in the `<INSTALL_DIR> /extensions/global/template/metadata` directory.
2. Create a structure of the existing entity. For example, create a structure as follows:

```
<DBSchema>
<Entities>
<Entity TableName="YFS_ITEM" DriverEntity="">
<Entity>
</Entities>
</DBSchema>
```

3. Deploy the customization.

For more information about deploying the customization, see Section 'Deploy the Customization' of the *Sterling Business Intelligence: Implementation Guide*.

4. Regenerate the package file for incremental load.
5. Load the incremental data for a specific master table by running the following command:

```
staging_load_management.cmd Incremental_Load
Staging_Incremental_Load_Package.pkg <Table Name>
```

**Note:** CDC for master table is assumed to be based on modified time stamp field.

## Hot Fix 5

Release 8.5-HF5

**Defect ID** 244425, 244720  
**Case ID** Case ID 00294365

**Description** The application must be enhanced to support the customization of the Sterling Business Intelligence home page.

**Solution:** The requisite information has been provided in the Section, "Customize the Home Page" of the *Sterling Business Intelligence: Implementation Guide*.

## Hot Fix 4

Release 8.5-HF4

**Defect ID** 242993, 243097  
**Case ID** Internal

**Description** The summary tables must be created in AW Model for optimization.

**Solution:**The requisite information has been provided in the Section, "Load Management" of the *Sterling Business Intelligence: Implementation Guide*.

**Defect ID** 242931, 243096  
**Case ID** Internal

**Description** The staging scripts must be used to optimize the staging load time.

**Solution:** The requisite information has been provided in the Section, "Load Management" of the *Sterling Business Intelligence: Implementation Guide*.

**Defect ID** 243091  
**Case ID** Internal  
**Description** The *Sterling Business Intelligence: Implementation Guide* must be updated with the information about how to override the default filters provided in the out-of-the-box `sbi_staging_entities.xml`.

**Solution:** The requisite information has been provided in the Section, 'Add Filters to an Existing Entity' of the *Sterling Business Intelligence: Implementation Guide*.

### Hot Fix 3

Release 8.5-HF3

**Defect ID** 238513  
**Case ID** 00262983  
**Description** If a product is not associated to a product category, the product information does not flow into the datamart.

### Hot Fix 2

Release 8.5-HF2

**Defect ID** 208152  
**Case ID** Internal  
**Description** The security vulnerability issue with respect to online help needs to be resolved.

### Hot Fix 1

Release 8.5-HF1

**Defect ID** 185328  
**Case ID** Internal  
**Description** When a CDC filter is applied on a Fact and if the Load Management is executed, the To Value of the CDC filter in the user interface of the Load Management is set to the end of the previous run of the Load Management, and not the current time. Because of this, the Load Management does not extract any records.

The Load Management functions correctly only if the To Value is manually updated.

**Defect ID** 196670  
**Case ID** Internal

**Description** The scripts generated from the AW Studio Framework cannot be reused, because the "To" date in the scripts for the CDC filter is not being updated to the current date after the script is run. Therefore, the consecutive ETL runs from the same scripts will fail to pull the data created in the source after the first ETL run.

This happens only in the AW runtime, and not in the Load Management in the AA Studio Framework.

**Defect ID** 200705

**Case ID** Internal

**Description** A user is unable to create an AA project on an Oracle 11g database.

**Defect ID** 202357

**Case ID** Internal

**Description** The application incorrectly inserts the change records of an enterprise into the YFS\_ORDER\_TS\_TAG table of the DEFAULT colony instead of the respective colony of the enterprise.

**Defect ID** 202421

**Case ID** Internal

**Description** The SO Modification Fact table contains several records with the blank modification type code.

**Solution:** In the Order Entry Rules Configuration of the 'Channel Applications Manager' the "Tax Options" screen has been enhanced to configure Tax Options for consumer customer also.

**Defect ID** 202749

**Case ID** Internal

**Description** When multiple colonies are configured in a multi-schema environment, the records in the YFS\_ORDER\_AUDIT\_LEVEL table for some of the colonies is not being loaded into the staging database. Because of this, the SO Modification Fact does not contain the data for these colonies.

**Solution:** The YFS\_ORDER\_AUDIT query subject and the YFS\_ORDER\_TS\_TAG query subject are created inside the YFS\_ORDER\_AUDIT\_LEVEL namespace such that duplicate relationships will not be created. The same modifications have been performed for the YFS\_ORDER\_HOLD\_TYPE\_LOG.



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