

Sterling Business Intelligence



Hot Fix Release Notes

Release 8.5, HF12

Sterling Business Intelligence



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Note

Before using this information and the product it supports, read the information in "Notices" on page 9.

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This edition applies to the 8.5 Version of IBM Sterling Business Intelligence and to all subsequent releases and modifications until otherwise indicated in new editions.

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In This Hot Fix

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

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://www-01.ibm.com/support/docview.wss?uid=swg27023864>.
 - 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 hot fix installation instructions file, `HotFixInstallation.txt`, is included in the hot fix package.

Defects Addressed In This Hot Fix

The following defects have been addressed in this and previous hot fixes to Sterling Business Intelligence, Release 8.5. A hot fix when released is listed cumulatively here.

Hot Fix 12

Release 8.5-HF12

Defect ID	302245
Case ID	90034,999,000

Description The Get Pending Job Count task query performs full table scan, which impacts the performance of Order TS Tag Purge and Shipment TS Tag Purge.

Defect ID 311750
Case ID 89888,999,000
Description The Sterling Business Intelligence v 8.5 is certified on IBM Cognos® Server v 8.4.1 and Cognos AAF v 8.4.2 for Windows Server 2008 and Linux 5.1.

Hot Fix 11

Release 8.5-HF11

Defect ID 311944
Case ID 90048,999,000
Description When the ETL is run from OLTP to Staging and Staging to Datamart in a sequential manner within the 15 minutes time interval, the data is not fetched into the Datamart.

Solution: A new Offset parameter is provided. The Offset parameter position depends on the target being run.

To introduce explicit offset value for ALL_Incremental, the Offset parameter must be passed as a fifth argument (for example, load_mngmt.cmd/sh as 1st, target as 2nd, package name as 3rd, and intervalInHours as 4th), a user must run the command in the following format:

```
<Command><target(ALL_Incremental)><Incremental.pkg>  
<IntervalInHours><offset Value>.
```

To introduce explicit offset value for Incremental_Load, the Offset parameter must be passed as a sixth argument (for example, load_mngmt.cmd/sh as 1st, target as 2nd, package name as 3rd, tablename as 4th, and intervalInHours as 5th), a user must run the command in the following format:

```
<Command><target(Incremental_Load)><Incremental.pkg>  
<Table_name><IntervalInHours><offset Value>.
```

Note: If a parameter is not passed the offset default value is passed as 900 seconds by default. However, to pass the offset parameter it is mandatory to pass the 'Interval in Hours' parameter.

Defect ID 314557
Case ID 90039,999,000

Description If the ETL runs successfully, but the data is loaded partially from the OLTP database to staging database, an option to re-run the ETL must be provided for certain period of time.

Solution: The UserStartTime and UserEndTime parameters has been provided. The user must include the parameters and run the ETL again to recover the data loss for the given period of time.

To introduce explicit Start and End time value for ALL_Incremental, the UserStartTime and UserEndTime parameters must be passed as sixth and seventh argument respectively (for example, load_mngmt.cmd/sh as 1st, target as 2nd, package name as 3rd, intervalInHours as 4th, and offset as 5th), a user must run the command in the following format:

```
<Command><target(ALL_Incremental)><Incremental.pkg><IntervalInHours>  
<offset Value><User Start Time><User End Time>.
```

To introduce explicit Start and End time value for Incremental_Load, the UserStartTime and UserEndTime parameters must be passed as seventh and eighth argument respectively (for example, load_mngmt.cmd/sh as 1st, target as 2nd, package name as 3rd, intervalInHours as 4th, Table Name as 5th, and offset as 6th), a user must run the command in the following format:

```
<Load_magagment_command><target(Incremental_Load)><Incremental.pkg>  
<Table_name><IntervalInHours><offset Value><User Start Time><User  
End Time>.
```

Note: If the parameters are not passed, the SBL_Incremental_history table does not get updated. The User Start and End Time stamp format should be 'YYYY-MM-DD HH24:MI:SS'. While running the .cmd double quotes (" ") must be used and while running .sh single quote (') must be used.

Hot Fix 10

Release 8.5-HF10

Defect ID 302677
Case ID 00383045
Description If the ETL run fails when loading the data from the OLTP database to staging database, same data is extracted while triggering ETL for processing the next batch of data.

Defect ID 311063
Case ID Internal
Description The filter criteria updated to the entity XML does not get applied to the ETL SQL query that is fired on the database, and therefore, the filter criteria does not get added to the appropriate place.

Hot Fix 9

Release 8.5-HF9

Defect ID 257379
Case ID 00374131

Description	A user is not able to run the incremental load for MASTER and CONFIG tables. Note: The customized MASTER and CONFIG tables for incremental load will not be considered for Configuration_Master load.
Defect ID	257937
Case ID	00374624
Description	The YFS_ITEM table is loaded multiple times.

Hot Fix 8

Release 8.5-HF8

Defect ID	255866
Case ID	00362932
Description	The YFS_ORDER_TS_TAG purge agent is not able to purge the records.
Defect ID	255962
Case ID	00360201
Description	When a user runs the Order Monitor agent, new records must not be inserted into the YFS_ORDER_TS_TAG table.

Hot Fix 7

Release 8.5-HF7

Defect ID	250693
Case ID	00332284
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>
</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	<p>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.</p> <p>This happens only in the AW runtime, and not in the Load Management in the AA Studio Framework.</p>
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	<p>The SO Modification Fact table contains several records with the blank modification type code.</p> <p>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.</p>
Defect ID	202749
Case ID	Internal
Description	<p>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.</p> <p>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.</p>

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