Sterling Selling and Fulfillment Foundation

IBM

# Release Notes Issues Fixed

*Release 8.5, HF58*

Sterling Selling and Fulfillment Foundation

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# Contents

# In This Hot Fix

This hot fix contains IBM® Sterling Selling and Fulfillment Foundation 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://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.

# 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 58

**Release 8.5-HF58**

| | |
|---|---|
| **Defect ID** | 252067 |
| **Case ID** | 00343057 |

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|---|---|
| **Description** | To update the customer record, if the manageCustomer API is invoked by multiple transactions at the same time, one of the transaction fails and the 'Update failed' error message is displayed. |
| **Defect ID** | 252401 |
| **Case ID** | 00316657 |
| **Description** | When the getItemListForOrdering API is invoked, the region key passed in the input XML of the getItemListForOrdering API is not honored. |
| **Defect ID** | 252553 |
| **Case ID** | 00337406 |
| **Description** | When a user performs the following actions, the getLPNDetails and getNodeInventory APIs do not provide the item information: |

1. Creates an empty LPN in location.
2. Creates a child LPN containing inventory for an item with the created LPN as the parent LPN.
3. Performs adhoc move for the parent LPN such that allocation is created for the parent LPN.
4. Invokes the getLPNDetails or getNodeInventory API for the parent LPN with getNodeInventory APIs template having PendOutQty attribute.

| | |
|---|---|
| **Defect ID** | 252656 |
| **Case ID** | 00337797 |
| **Description** | When the changeShipment API is invoked to cancel a shipment line for an invoiced shipment, the system throws an "YDM77_00002" error code, but without any error description. |
| **Defect ID** | 252685 |
| **Case ID** | 00336501 |
| **Description** | When a user performs the following sequence of actions, the system raises ON_SUPPLY_CHANGE event when inventory status is changed even though supply type is not changed for the item: |

1. Configures ON_SUPPLY_CHANGE event for INVENTORY_CHANGE transaction.
2. Configures two inventory statuses, such as OH and AV associated with the same supply type.
3. Adjusts inventory for an item in a location with the inventory status as OH.
4. Changes the inventory status from OH to AV.

# Hot Fix 57

| | |
|---|---|
| **Defect ID** | 252569 |
| **Case ID** | 00346167 |
| **Description** | When a user performs the following sequence of actions, the error message, "Appointment can not be taken or changed" is displayed: |

1. Creates an order and considers the earliest appointment that is available.
2. Moves the system date after the appointment date.
3. Schedules the order and in the Appointment screen changes the appointment by selecting the earliest appointment suggested by the system.
4. Saves the appointment.

| | |
|---|---|
| **Defect ID** | 252877 |
| **Case ID** | Internal |
| **Description** | If the getItemListForOrdering API template contains the 'AssignedValueList' element and not the 'AttributeAllowedValueList' element, and when a user invokes the getItemListForOrdering API, the system must not fetch the descriptions of all the 'AttributeAllowedValue' elements for an attribute. |

# Hot Fix 56

| | |
|---|---|
| **Defect ID** | 248036 |
| **Case ID** | Internal |
| **Description** | When both the OrderHeaderKey and ModificationType attributes are passed in the input XML of the getOrderAuditList API, the getOrderAuditList API does not honor the OrderHeaderKey attribute. |

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|---|---|
| **Defect ID** | 250266 |
| **Case ID** | Internal |
| **Description** | The Consolidate Additional Inventory agent occasionally crashes due to memory leaks. Also, and when security is enable on JMS Sender component, all send requests followed by the first successful send request fails and an AccessDenied error message is displayed. |

| | |
|---|---|
| **Defect ID** | 250307 |
| **Case ID** | 00330957 |

| | |
|---|---|
| **Description** | When a user performs the following sequence of actions, the orderline adjustments that are overridden by the YPMOverrideGetOrderPriceUE user exit are not reflected on the order: |

1.  Creates an ITEM_QUANTITY pricing rule and a pricelist.
2.  Implements the YPMOverrideOrderPriceUE user exit to modify the orderline adjustments.
3.  Creates an order.

| | |
|---|---|
| **Defect ID** | 250369 |
| **Case ID** | Internal |
| **Description** | On invoking the getCompleteItemList API, the system fires multiple queries on the YFS_ATTR_ALLOW_VAL_LOCALE table, which results in performance degradation. |

**Solution:** The localization logic has been fixed so that the records are filtered instead of firing multiple queries.

| | |
|---|---|
| **Defect ID** | 250845 |
| **Case ID** | Internal |
| **Description** | When a service option is created using the Sterling Business Center, the status of the service option does not get 'published'. |

**Solution:** The default status of the service option created through Sterling Business Center has been set to 'published'.

| | |
|---|---|
| **Defect ID** | 251189 |
| **Case ID** | 00338613 |

**Description**    A user has to wait for a long time, while fetching the configuration or cached entities from the cache.

**Solution:** When Cache-Get is called for a given key, Frwk will look for the object within the cache and returns the object that exists in the cache. If the object is not present in the cache, it will load the cache with an object before returning the object. Currently, cacheManager GET is synchronized where as concurrent threads cannot perform GET on a given entity simultaneously. PUT within the GET is synchronized.

A new cacheManager property "cacheManager.forcesyncloading" has been introduced with the default value set to true. In order to unsynronize make the GET, the cacheManager.forcesyncloading property must be set to false (that is cacheManager.forcesyncloading=false).

If a user overrides the cacheManager.forcesyncloading property through customer overrides, in the customer_overrides the user must specify shell.cacheManager.forcesyncloading=false.

Also, in the *Selling and Fulfillment Foundation:Properties Guide*, in section "Property Files Reference" consider the 'noapp.properties" that contain the vendorshell-level properties, with the following information.

Property - cacheManager.forcesyncloading

Values - Default = True

Description - Set the cacheManager.forcesyncloading property as false to unsynronize. To override the cacheManager.forcesyncloading property through customer overrides, in the customer_overrides the shell.cacheManager.forcesyncloading must be set as false.

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|---|---|
| **Defect ID** | 251240 |
| **Case ID** | 00339030 |
| **Description** | When a user calls the CreateWorkOrder API with an appointment for multi-level bundle items, the system throws a NullPointerException. |

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|---|---|
| **Defect ID** | 251505 |
| **Case ID** | Internal |
| **Description** | When a user creates an order with a bill to ID that does not exist in the database and calls the scheduleOrder API for that order, the system calls the scheduleOrder API multiple times to retrieve the same order instead of reading it from Transaction cache. |

| | |
|---|---|
| **Defect ID** | 251543 |
| **Case ID** | 00340155 |
| **Description** | When a user performs the following sequence of actions, the scheduleOrder API takes a long time to complete the operation: |

1. Configures multiple levels for defined service.
2. Implements the YCPGetNodeMinimumNotificationTimeUE user exit.
3. Calls the ScheduleOrder API.

# Hot Fix 55

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|---|---|
| **Defect ID** | 245153 |
| **Case ID** | Internal |
| **Description** | When a user runs the CONSOLIDATE ADDITIONAL INVENTORY agent, the supply record in the YFS_INVENTORY_SUPPLY table with availability type=INFINITE does not get updated to=TRACK for the similar supply record in the YFS_INVENTORY_SUPPLY_ADDNL table with availability type=INFINITE. |

| | |
|---|---|
| **Defect ID** | 249212 |
| **Case ID** | 00323578 |
| **Description** | For an item that has many localized attributes, calling the getitemListForOrdering API with DisplayLocalizedFieldInLocale attribute results to performance degradation. |

# Hot Fix 54

| | |
|---|---|
| **Defect ID** | 233930 |
| **Case ID** | 00229509 |
| **Description** | The containerizeWave API must invoke the WMSCircumventLooseContainerizationUE user exit, if the system is unable to locate a container to store the items. |

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|---|---|
| **Defect ID** | 249523 |
| **Case ID** | 00326809 |
| **Description** | When the pricing rule contains large number of items, the Item Quantity Pricing Rule screen takes a long time to load.<br><br>**Solution:** The application has been enhanced, the Item Quantity Pricing Rule screen loads much faster. |

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|---|---|
| **Defect ID** | 249811 |
| **Case ID** | 00318046 |
| **Description** | The DB Verify throws an error when the index value is more than 18 characters.<br><br>**Solution:** The index value for DB2 database has been updated to 128 characters. |

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|---|---|
| **Defect ID** | 249949 |
| **Case ID** | 00323419 |

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|---|---|
| **Description** | When a user performs the following sequence of actions, the system passes an incorrect dimensions of a container when integrated with a carrier: |

1.  Configures an item I1 with dimensions in Unit of Measure (UOM) as centimeters (CMS).
2.  Configures a container C1 with dimensions in UOM as centimeters (CMS).
3.  Creates a shipment for item I1 and assigns the shipment to a carrier that has dimensions configured in UOM as inches (IN).
4.  Packs the item I1 into the container C1.
5.  Adds the container to manifest.

| | |
|---|---|
| **Defect ID** | 250258 |
| **Case ID** | Internal |
| **Description** | When a user attempts to create a pricing rule to handle large number of items, the user may experience performance degradation. |
| | **Solution:** The application has been enhanced, the addition of multiple items to the pricing rule is faster. |

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|---|---|
| **Defect ID** | 250665 |
| **Case ID** | 00334927 |
| **Description** | When a user performs the following sequence of actions, the start no earlier time is populated as that of hub locale: |

1.  Configures the database, hub, and enterprise in one locale.
2.  Configures a node and node user in a different locale.
3.  Logs in to the application as a node user.
4.  Navigates to the Create Count Request screen

**Solution:** The start no earlier time field is not getting populated.

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|---|---|
| **Defect ID** | 250689 |
| **Case ID** | 00332331 |
| **Description** | When a user performs the following sequence of actions, the system throws a NullPointerException : |

1.  Configures an Item-Based Allocation (IBA) agent.

    In the status inventory types configuration, Awaiting Procurement Transfer Order status has a seller supply type of PLANNED_TRANSFER and seller demand type of RESERVED.
2.  Creates a sales order at Node1, such that it goes to the Awaiting Procurement Transfer Order Creation status with estimated time of shipment 10 days in future.
3.  Adjusts the inventory on Node1, so that the inventory arrives in 5 days.
4.  Runs the IBA agent.

# Hot Fix 53

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|---|---|
| **Defect ID** | 248310 |
| **Case ID** | 00319806 |
| **Description** | When a user performs the following sequence of actions, the getFulFillmentOptionsforLines API provides both onhand and future inventory availability: |

1. Creates a Delivery Sourcing rule.
2. Selects "Consider Only Onhand Quantity".
3. Adjusts both onhand and future inventory.
4. Calls the getFulFillmentOptionsforLines API with delivery method=DEL.

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|---|---|
| **Defect ID** | 249155 |
| **Case ID** | 00324384 |
| **Description** | When a user performs the following sequence of actions, the order lines which are in "Reserved" status are procuring and creating a purchase order, even if onhand inventory is available at the ship node while rescheduling: |

1. Configures two nodes N1 and N2, for item Item1.

   At N1, the inventory for item1 is not available. At N2 infinite inventory is available
2. Schedules a transfer order to transfer the inventory from N2 to N1 with some value specified for the transit days (say 7 days).
3. Creates an order at N1 for item1,
4. Selects the delivery method as Delivery.
5. Creates a work order with the earliest delivery service appointment suggested by the system.
6. Schedules the order after 2 or 3 days. The order goes to reserved status.
7. Ensures that the onhand inventory is available at N1.
8. Changes the appointment date as suggested by the system.

| | |
|---|---|
| **Defect ID** | 249348 |
| **Case ID** | 00310425 |
| **Description** | When a user creates a count request at item classification level for a location that has more than 1000 items, during execution of count tasks the system displays an incorrect list of items for a location. |

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|---|---|
| **Defect ID** | 249383 |
| **Case ID** | 00328066 |

Description   When a user performs the following sequence of actions in the Sterling Business Center application, an error message is displayed and duplicate records are created:

1. Configures the 'Item quantity' or 'Combination' type for pricing rule that contains more than two items.
2. Creates a copy of the pricing rule.
3. In the new pricing rule, deletes two consecutive items.
4. Adds two or more new items in the pricing rule.
5. Clicks "Save".

   Again, adds multiple items in the pricing rule and clicks "Save".

# Hot Fix 52

Defect ID   199423

Case ID   Internal

Description   When a user performs the following sequence of actions, the requestCollection API does not map all the charge transactions to the Charge_Tran_Rq_Map table in a single call. To complete the mapping, multiple API calls must be triggered:

1. Configures a payment rule with the "Use Charge Transaction Request for Authorization" flag enabled.
2. Creates a pre-charged order with two order lines and different ship nodes, and moves the order to "Released" status.
3. Invokes the manageChargeTransactionRequest API such that two charge transaction requests are created for each release.
4. Invokes the requestCollection API.

Defect ID   203207

Case ID   Internal

**Description**    When a user performs the following sequence of actions, $2 is incorrectly mapped against Payment1 in the Charge_Tran_Rq_Map table although the entire charged amount has been refunded:

1. Configures a payment rule with the "Use Charge Transaction Request for Authorization" option enabled.

2. Configures two payment types, for example, Payment1 and Payment2 such that Payment1 has been assigned the first priority in the refund sequence and Payment2 the second priority.

3. Creates a pre-charged order for a certain amount, for example, $10 of the pre-charge order is associated with Payment1 and Payment2 such that $2 is charged from Payment1, and $8 from Payment2.

4. Adds a discount of $3 to the order created in step 3 such that $2 is refunded to Payment1, $1 is refunded to Payment2, and the total amount collected in step 3 is reduced to $7.

5. Schedules the order and releases it.

6. Invokes the manageChargeTransactionRequest API to insert a charge transaction request for $7.

7. Invokes the requestCollection API.

**Solution:** The application has been modified such that the total amount is mapped against a payment method according to the total amount, charge amount, or collected amount.

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|---|---|
| **Defect ID** | 203208 |
| **Case ID** | Internal |

**Description**    When a user performs the following sequence of actions, the application does not consider the charge sequence specified for the payment methods:

1. Ensures that the following options are enabled in the "Scheduling Rule Details" screen:

   • "Ship from Single Node" option and the "Line Ship from Single Node" option in the Constraints panel.

   • "Priority" option in the Optimize On panel screen.

2. Implement the YFSGetExternalInventoryUE user exit.

3. Creates an order, adds two different payment methods to this order, and specifies the charge sequences for both these payment methods.

4. Schedules the order and releases it.

5. Invokes the manageChargeTransactionRequest API.

6. Invokes the requestCollection API.

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|---|---|
| **Defect ID** | 226469 |
| **Case ID** | Internal |

**Description**   When a user performs the following sequence of actions, the system inserts a new Authorization record instead of mapping the manually inserted charge transaction record:

1. Configures the Charge Transaction Request for Authorization field.
2. Creates an order line for $100.

   The order line release has a charge transaction request for $100 and a failed Authorization.
3. Calls the changeOrder API and inserts a manual Authorized charge transaction with RequestAmount=100.
4. Runs the requestCollection API.

   The system inserts a new Authorization record instead of mapping the manually inserted charge transaction record.

**Note:** If the RequestAmount is passed as 0 in Step 3, the mapping is correctly performed.

**Defect ID**   226483

**Case ID**   Internal

**Description**   When a user performs the following sequence of actions, for the second charge transaction record the system displays an incorrect status:

1. Configures the Charge Transaction Request for Authorization.
2. Creates an order with two order lines containing two different items, L1- $100 and L2- $200.
3. Schedules and releases L1. Calls the manageChargeTransactionRequest API to insert the charge transaction request, R1 - $100.
4. Simultaneously, runs the RequestCollection API and executeCollection API. The inserted 'AUTHORIZATION' record fails.
5. Calls the changeOrder API for inserting a manual Authorized charge transaction for $150.

   Again runs the RequestCollection API. A mapping gets created for the charge transaction record R1 that moves to the 'AUTHORIZED' status.
6. Calls the manageChargeTransactionRequest API and inserts a second charge transaction request, R2 - $100.
7. Runs the RequestCollection API. Two mapping records get inserted and one charge transaction record is in the 'Open' status for $50.

   R2 is in the 'AWAIT_AUTH' status. Rerunning the RequestCollection API, R2 is moved to the 'AUTHORIZED' status instead of remaining in 'AWAIT_AUTH' as the mapping is not yet completed.

**Defect ID**   230223

**Case ID**   00219592

**Description**   When a user navigates to Global Inventory Visibility > Inventory Rules > Other Rules and checks the "Optimize Supply based on Earliest ETA" flag, the 'Optimize supply to maximum availability' rule in the Global Inventory Visibility > Inventory Rules > IBA rule is not overidden. Due to this the demands are not matched first with the inventory whose ETA is earlier, for example ONHAND supply.

**Defect ID**   234798

**Case ID**   Internal

| Description | When a user performs the following steps, an authorization request is regenerated for a charge transaction request ID that already has an open authorization request record: |
|---|---|

1. Creates an order with two lines:

    • L1 unit price is set to $20 and the number of units for each line = 5. Therefore, the total cost is $100.

    • L2 unit price is set to $30 and the number of units for each line = 6. Therefore, the total cost is $180.

    Inventory exists only for line L1.

2. Schedules the order. On scheduling, L1 gets scheduled and L2 gets backordered.

3. Releases the order.

4. Calls the manageChargeTransactionRequest API and requestCollection API.

5. Increases the inventory for L2, which becomes ONHAND after some time.

6. Schedules and releases L2.

7. Calls the manageChargeTransactionRequest API and requestCollection API.

| Defect ID | 234906 |
|---|---|
| Case ID | 00207265 |
| Description | The charge transaction request feature must be enhanced to support settlement and authorization reversal. |

**Solution:** The application has been enhanced. For more information about charge transaction request, see the *Release Notes New Feature* provided in this hot fix.

| Defect ID | 238418 |
|---|---|
| Case ID | Internal |
| Description | When a user performs the following sequence of actions, the Charge Transaction Request record is in the AWAIT_AUTH status instead of the AUTHORIZED status: |

1. Creates an order for amount $50 with maximum charge limit of $50.

2. Runs the chargeTransactionRequest agent with maximum request amount as $50.

3. Runs the requestCollection agent and opens the Authorization for $50.

4. Calls the recordExternalCharges and passes CHARGE as $50.

5. Runs the requestCollection agent.

| Defect ID | 245535 |
|---|---|
| Case ID | 00305078 |
| Description | A user is not able to cancel multiple order lines from the Order Console for default organization (having override="Y"). |

| Defect ID | 246422 |
|---|---|
| Case ID | 00304609 |

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|---|---|
| **Description** | When a user performs the following sequence of actions, the system does not provide correct node as a substitute option: |

1. Creates an item that can be substituted and also be associated with another item.
2. Configures 2 or 3 sourcing rules and does not check the "Substitution is allowed" flag for first 2 sequences.
3. Calls the getFulfillmentOptionsForLines API for delivery and shipping with isSubstitutionAllowed="Y".

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|---|---|
| **Defect ID** | 246785 |
| **Case ID** | 00303383 |
| **Description** | When InteropJasperServlet is invoked to generate a jasper report by passing a jasper service name and the input XML as request parameters, the servlet throws an error that user do not exist in the system with the name as the service name supplied in the input. |

**Solution:** The servlet considered only service name and input XML as request parameters, and it treated the service name as a user name for creating the context. The servlet has been enhanced to consider the following request parameters:

1. ServiceName - The name of the service, which has Jasper print component configured.
2. InputDocString - The input XML, which needs to be passed to Jasper print component.
3. YFSEnvironment.userId - The user ID that will be used to authenticate the HTTP call.
4. YFSEnvironment.userToken - The user token, which is obtained by calling the login API for the user ID. The user token can also be obtained from the session attribute "UserToken" from an authenticated HTTP session for the user ID.

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|---|---|
| **Defect ID** | 247903 |
| **Case ID** | Internal |
| **Description** | A NullPointerException is thrown on calling the createOrder API that has an item associated with a provided service line both as a child and order line. |

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|---|---|
| **Defect ID** | 248152, 248742, 248741, 249111 |
| **Case ID** | 00319085, 00320689, 00323918, 00325385 |
| **Description** | A security issue has been rectified in this hot fix. |

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|---|---|
| **Defect ID** | 248575 |
| **Case ID** | 00322529 |

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|---|---|
| **Description** | When a user performs the following sequence of actions, the system does not allow selecting container category value: |

1. Creates a container through the Applications Manager > Catalog Management.
2. Configures a container category value in the first field in "Reserved for Items having the following Containerization Categories" configuration in the Container Restriction panel of Container Attributes tab of the "Item Details" screen.

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|---|---|
| **Defect ID** | 248725 |
| **Case ID** | 00322918 |
| **Description** | A query invoked by the getNodeInventory API scans the entire YFS_ITEM table. |

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|---|---|
| **Defect ID** | 249028 |
| **Case ID** | 00207265 |
| **Description** | The application must be enhanced such that a user can configure Financial Rules, Payment Rule Details, Payment Type Details, and Payment Card Type Details. |
| | **Solution:** The application has been enhanced. For more information about new authorization rule and new configuration for payment card types, see the *Release Notes New Feature* provided in this hot fix. |

| | |
|---|---|
| **Defect ID** | 249207 |
| **Case ID** | 00326931 |
| **Description** | When a user implements the YFSGetAvailabilityCorrectionsForItemListUE user exit and calls the ScheduleOrder API, it throws an OutOfMemory exception if the order contains many orderlines with many orderline reservations. |

# Hot Fix 51

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|---|---|
| **Defect ID** | 244873 |
| **Case ID** | 00262321 |
| **Description** | In the Sterling Business Center, the Specific Customer Assignments panel must support pagination for the following screens: |

- Customer Entitlement.
- Price List Summary.
- Pricing Rule Summary
- Coupon Summary

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|---|---|
| **Defect ID** | 246538 |
| **Case ID** | 00311163 |

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|---|---|
| **Description** | When a user performs the following sequence of actions, the system throws a NullPointerException: |

1. Enables the landed cost configuration and configures a routing guide.
2. Implements theYDMGetTransportationCostUE user exit.
3. Creates an order by passing CarrierServiceCode.
4. Schedules the order.

In the routing guide, the carrier service is not found.

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|---|---|
| **Defect ID** | 246773 |
| **Case ID** | 00277923 |
| **Description** | If there are huge number of records present in the YFS_ADDITIONAL_ATTRIBUTE table, the "Item Details" screen in the configurator takes very long time to open. |

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|---|---|
| **Defect ID** | 247717 |
| **Case ID** | 00310488 |
| **Description** | When the findInventory API is invoked, unnecessary 'info' level statement is printed in the log file. |

**Solution:** The logging level of the statement has been changed to 'debug'.

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|---|---|
| **Defect ID** | 247803 |
| **Case ID** | 00311504 |
| **Description** | When a user calls the InventoryPurgeAgent agent, it throws an oracle exception when the LastIBAProcessedTimestamp attribute is passed in the input. |

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|---|---|
| **Defect ID** | 248155 |
| **Case ID** | 00319423 |
| **Description** | When the getCompleteItemList API is invoked for an item which has no inventory, then the system executes a query which retrieves all the records from YFS_INVENTORY_ALERT table resulting in performance degradation. |

# Hot Fix 50

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|---|---|
| **Defect ID** | 246205 |
| **Case ID** | 00212554 |

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|---|---|
| **Description** | Using Sterling Business Center, users are not able to associate multiple product items with a service item, and also create a new service option. |

**Solution:** In Sterling Business Center the following screens have been introduced:

- Product item Association screen: Allows a user to associate multiple product items with a service item.
- Create Service Option screen and Find Service option screen: Allows a user to create new service options and search for the service options.

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|---|---|
| **Defect ID** | 246265 |
| **Case ID** | 00309841 |
| **Description** | When a user performs the following sequence of actions, the scheduleOrder API goes into an infinite loop: |

1. Creates an item and sets the 'UseUnPlannedInventory' flag as 'Yes', if the inventory for the item is not available.
2. Creates an order and schedules it.
3. Implements the YFSGetAvailabilityCorrectionsForItemListUE user exit.

| | |
|---|---|
| **Defect ID** | 246412 |
| **Case ID** | 00312071 |
| **Description** | If an exception occurs when a user runs the Item Based Allocation (IBA) agent, the value of the IBA_RUN_REQUIRED and PROCESSING_BY_AGENT fields of the YFS_IBA_TRIGGER table do not rollback. Therefore, records are not picked up by the IBA agent for processing optimization based on IBA. |

| | |
|---|---|
| **Defect ID** | 246591 |
| **Case ID** | 00311474 |
| **Description** | When a user performs the following sequence of actions, the CreateWorkOrder API throws a NullPointerException: |

1. Creates an order for two items and associates them with the same delivery service.
2. Creates a work order and takes an appointment.
3. Schedules the order, such that the first orderline is scheduled and second orderline goes to the 'Procurement Transfer Order Created' status.
4. Removes the second orderline from the work order and associates the orderline with another delivery service.
5. Creates new work order for the second orderline as prodDelivery line.
6. Calls the CreateWorkOrder API.

| | |
|---|---|
| **Defect ID** | 246650 |
| **Case ID** | 00311443 |
| **Description** | When the getTrackingNoAndPrintLabel API is invoked for a shipment whose carrier is FedEx, then the print buffer is not returned if the CarrierServiceCode is "Ground". |

| | |
|---|---|
| **Defect ID** | 246662, 247720 |
| **Case ID** | 00309612, 00307290 |
| **Description** | When a user cancels an order after modifying the work order to remove the product line from the work order, the system displays an "Order cannot be modified in current status" error message, even if the modification is allowed in the modification rules. |

| | |
|---|---|
| **Defect ID** | 246872 |
| **Case ID** | 00310570 |
| **Description** | When a user performs the following sequence of actions, the system throws a "DistributionRuleId is not valid for this ItemGroupCode and Organization" exception: |

1. Creates an Enterprise E1.
2. Configures the Enterprise to inherit configurations from DEFAULT.
3. Loads the Distributed Order Management rules for the Enterprise E1.
4. Expands the Sourcing and Scheduling Rules.
5. Right clicks and selects the Override configuration.
6. Selects the "Copy Rules" checkbox in the "Configuration Override Details" screens.

| | |
|---|---|
| **Defect ID** | 247894 |
| **Case ID** | 00317146 |
| **Description** | When a user performs the following sequence of actions, the system picks a container belonging to another enterprise during containerization: |

1. Configures an item and item classification for the containerization purpose.
2. Configures a third-party logistics node that participates with multiple enterprises.
3. Configures a task type to perform the system suggested containerization for the node.
4. Configures Pick Location Assignment to perform the system suggested containerization for the node.
5. Configures pack planning for the node to containerization during wave release.
6. Configures containers for enterprises participating with the node.
7. Creates outbound shipment for an enterprise to be shipped.
8. Includes the shipment in a wave and releases it.
9. Containerizes the wave.

# Hot Fix 49

| | |
|---|---|
| **Defect ID** | 196796 |
| **Case ID** | Internal |

| | |
|---|---|
| **Description** | The application must be enhanced such that a user can configure multiple item attributes for the container category classification. Based on the configuration, the system-suggested containerization must occur. Currently, only one item attribute can be associated to a container category classification purpose. |

**Solution:** The number of container category classification purposes has been increased from one to five. The users can configure five different item attributes, one each for a container category classification purpose. The application will consider these configured attributes during containerization.

| | |
|---|---|
| **Defect ID** | 196808 |
| **Case ID** | Internal |
| **Description** | The *Sterling Warehouse Management System: Configuration Guide* and the *Catalog Management: Configuration Guide* must be updated with information about the enhanced container category classification purposes. |

**Solution:** Information about the enhanced container category classification purposes has been updated in the following locations:

- In the *Sterling Warehouse Management System: Configuration Guide*, the field value description of "Overpack when containerization category is in" and "Only for items with containerization category in" present in Table 9-12, "Pack Planning Window" under Section 9.5, "Defining Pack Planning" has been modified. Also, the screenshot of "Pack Planning" present in Section 9.5, "Defining Pack Planning" has been updated.
- In the *Catalog Management: Configuration Guide* the description of the "Reserved for Items having the following Containerization Categories" field value present in Table 4-17, "Container Attributes Tab" under Section 4.1.2.13, "Defining a Product Item's Container Attributes" has been modified.
- In the *Catalog Management: Configuration Guide* the description of the "Container Category" field present in Table 4-28, "Classification Purposes Definitions" under Section 4.6.2, "Defining Classification Purposes" has been modified. Also, the screenshot of the Container Attributes tab present in the "Item Details" window has been updated.

| | |
|---|---|
| **Defect ID** | 246022 |
| **Case ID** | 00303058 |
| **Description** | When the consolidateToShipment API is invoked to create a shipment, the Work Order Key and Work Order Appointment Key field does not get updated in the YFS_SHIPMENT table. |

| | |
|---|---|
| **Defect ID** | 246207 |
| **Case ID** | 00212554 |
| **Description** | The input of the getItemListForOrdering API must be exposed as an input element so that the application considers the service item as additional input criteria to determine a product item associated with a service line. |

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|---|---|
| **Defect ID** | 246332 |
| **Case ID** | 00311158 |

| | |
|---|---|
| Description | When a user searches for unmanifested containers through the Sterling Application Console by selecting "Unmanifested containers only" in the container search by status view, the system does not return the list of unmanifested containers. |
| Defect ID | 246347 |
| Case ID | 00310395 |
| Description | When a user calls the createOrder, scheduleOrder, releaseOrder API, the input XML of the GetDeliveryLeadTimeUE user exit does not contain "SellerOrganizationCode". |

# Hot Fix 48

| | |
|---|---|
| Defect ID | 243334 |
| Case ID | 00283218 |
| Description | When a user performs the following sequence of actions and calls the getPossibleSchedules API for the entire order, the system displays the ProdAvailDate value as blank for the second orderline: |

1. Configures the sourcing rules and defines procurement between nodes with some transit days.
2. Associates the delivery service with the product.
3. Creates a second order line with the same item as that of the first order line.
4. Creates a second order line with the same item as that of the first order line.
5. Associates the order line with the same delivery service and consolidates the delivery service with the same work order.

**Note: If an order consists of a ship node and receiving node as the same organization, this is an invalid configuration. It might lead to exceptions during scheduling the order and the order might not be scheduled properly. Ensure that the ship node and the receiving node on the order are different.**

| | |
|---|---|
| Defect ID | 245356 |
| Case ID | 00304001 |

| Description | In an agent when a message is put into the JMS queue, the system creates a new connection and session. This can result in performance degradation. |
|---|---|

**Solution:** The following properties have been added in the yfs.properties to resolve this issue:

- agent.bulk.sender.enabled - The default value of this property is set to false. If a user sets this property is set to true, the JMS messages are put in the internal JMS queue in batches. All the messages received from the 'getJobs' method are divided into batches and each batch is sent to the JMS Queue, using a single JMS connection or session. This improves the performance of the agent server.
**Note:** If a user enables the session pooling, the sessions will be reused among different batches. Otherwise, a new session will be created for each batch of the messages.

- agent.bulk.sender.batch.size - The default value of this property is set to 1. This property will determine the batch size, the number of messages to be sent to the JMS queue using the same QueueSender object. The optimum value of the property may vary between different JMS vendors.

The requisite information has been included in the "yfs.properties" section of the *Selling and Fulfillment Foundation: Properties Guide*.

| Defect ID | 245456 |
|---|---|
| Case ID | 00304742 |
| Description | The tasks that are cancelled by the system do not have valid cancellation audits information. |

# Hot Fix 47

| Defect ID | 216368 |
|---|---|
| Case ID | Internal |
| Description | When the findInventory API is invoked with mergeNode in the input XML, the delivery date in the interaction element of the output XML does not get populated. |

| Defect ID | 219787 |
|---|---|
| Case ID | Internal |
| Description | In the input XML of the OMPProcessRoutingExternallyUE user exit, the Unique Option Number is not populated. |

| Defect ID | 219592 |
|---|---|
| Case ID | Internal |

| | |
|---|---|
| **Description** | When a user calls the findInventory API with multiple sourcing sequences and a small value of maximum records, the options element does not have solutions that can fulfill all the promise lines. |
| | Maximum records should be less than or equal to the number of solutions that cannot fulfill all the promise lines. |

| | |
|---|---|
| **Defect ID** | 240727 |
| **Case ID** | 00260777 |
| **Description** | A user should be able to invoke the routing logic externally. |
| | **Solution:** A new user exit, OMPProcessRoutingExternallyUE, has been introduced to call the routing logic externally. The corresponding fixes have been made in the findInventory API and other promising or scheduling APIs to handle calls to the OMPProcessRoutingExternallyUE user exit. |

| | |
|---|---|
| **Defect ID** | 241331 |
| **Case ID** | 00278809 |
| **Description** | The ON SUCCESS event XML of the scheduleOrder API must publish the SuggestedOption element. |

| | |
|---|---|
| **Defect ID** | 244470 |
| **Case ID** | 00296433 |
| **Description** | The Real-Time Availability Monitor agent when run in a multi-threaded mode results in performance degradation. |
| | **Solution:** A new JVM level caching has been introduced. |

# Hot Fix 46

| | |
|---|---|
| **Defect ID** | 235723 |
| **Case ID** | Internal |
| **Description** | When the quantity of an item in the shipment line is reduced, the system throws an 'Invalid Item' exception. |

| | |
|---|---|
| **Defect ID** | 244809 |
| **Case ID** | 00298667 |
| **Description** | When the getWorkOrderList API is invoked, it locks the YFS_ORDER_HEADER table. |

| | |
|---|---|
| **Defect ID** | 244986 |
| **Case ID** | 00299622 |
| **Description** | The DeleteUser process goes into an infinite loop resulting in the crash of the application server. |

| | |
|---|---|
| **Defect ID** | 245023 |
| **Case ID** | 00297407 |
| **Description** | When a user configures the following services and calls the ShipmentHistoryPurge service in a verbose mode, the system throws an SQL exception. |

- OrderPurgeService
- OrderHistoryPurgeService
- ShipmentPurgeService
- ShipmentHistoryPurgeService

# Hot Fix 45

| | |
|---|---|
| **Defect ID** | 242920 |
| **Case ID** | 00282877 |
| **Description** | The Real-Time Availability Monitor agent when run at the enterprise level results in performance degradation. |

| | |
|---|---|
| **Defect ID** | 242959 |
| **Case ID** | 00288375 |
| **Description** | When copying groups from the system group, some permissions are missing in the copied groups. |

**Solution:** The code that copied the permissions, stored the permission hierarchy in a data structure in such a manner that some permissions were lost, if they shared the same CONFIG_SEQ_NO in the YFS_BASE_CONFIG_TASK table. The application has been enhanced to use a unique BASE_CONFIG_TASK_KEY attribute to copy the appropriate permissions.

| | |
|---|---|
| **Defect ID** | 243281 |
| **Case ID** | Internal |

**Description**    When a user performs the following sequence of actions, the system displays an "ErrorDescription="Ship node cannot be determined based on the order lines and sourcing configuration" error message:

1. Configures Distribution Group, DG1 with N1, N2, N3 in order of priority.
2. Configures Distribution Group, DG2 with N4, N5, N6 in order of priority.
3. Configures Sourcing Rule, Seq 1 that has DG1 of three nodes in hundred miles.
4. Configures Sourcing Rule, Seq 2 that has DG2 of three nodes in hundred miles.
5. Optimizes the Date as the Optimization Type.
6. Configures DS1 as Delivery Service.
7. Ensures that the inventory is available on all the nodes of DG1 and DG2. Distance returned from the YFSGetDistanceForNodeListUE user exit is more than 100 miles for all the nodes of DG1 and less than 200 for DG2.
8. Creates an order for ITEM1 and associates it with DS1.
9. Calls the generateWorkOrder API to create a work order.

**Defect ID**    243447

**Case ID**    00290714

**Description**    When payment processing is performed in an asynchronous mode and refunds are processed on a paid Sales Order, the system creates an additional CHARGE record in YFS_CHARGE_TRANSACTION table.

**Solution:** A new 'ReducePendingAsyncronousAmounts' flag has been added to the input xml of the recordExternalCharges API. The flag must be set as "Y" and valid requestAmount must be passed.

For more information about the recordExternalCharges API, refer the *Selling and Fulfillment Foundation: Javadocs*.

**Defect ID**    244309

**Case ID**    00293341

**Description**    When a user attempts to deploy the changes to a target database using the Configuration Deployment Tool, the system displays an error if there are some changes in the existing records of the YFS_PERSON_INFO table in a source database.

**Defect ID**    244350

**Case ID**    00289194

**Description**    When a user performs the following sequence of actions, the changes does not get reflected:

1. Creates a listener in the sales order pipeline that picks up Procurement Purchase Order created status and drops into both Procurement Purchase Order Created and Procurement Purchase Order Shipped.
2. Changes in the expected delivery date of the shipment is reflected only on the procurement purchase order, but is not reflected on the sales order.

| | |
|---|---|
| **Defect ID** | 244700 |
| **Case ID** | 00177010 |
| **Description** | The system only looks for the /template/prints/label/ folder instead of /global/template/prints/label/ folder, when a user extends the PrintDocumentSet API template for a specific print label and adds the extended template in the /global/template/prints/label/ folder. |

| | |
|---|---|
| **Defect ID** | 244707 |
| **Case ID** | 00296166 |
| **Description** | SQL injection vulnerabilities are observed in the Sterling Multi-Channel Fulfillment Solution, 8.5. |

# Hot Fix 44

## Monday, April 18, 2011

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|---|---|
| **Defect ID** | 240750 |
| **Case ID** | 00275399 |
| **Description** | The system creates a user session (HttpSession which is holding UserData) for each of the Interop Http Servlet call (for api/flow execution) passing either token or userid/password in the following scenarios: |

- The default value of the yfs.interop.disable.session.creation.ontoken property is set to false. However, if the user set the value to true in the customer_overrides.properties user session will not be created if a token is passed to interop servlet for api or flow execution.
- When the yfs.interop.disable.session.creation.onpassword property is set to true in customer_overrides.properties, the user session is not created if the userid or password is passed to interop servlet for api or flow execution.

| | |
|---|---|
| **Defect ID** | 242776 |
| **Case ID** | 00271372 |
| **Description** | If some exceptions are present in the YFS_INBOX table that is associated with a queue, and if the queue is deleted, a NullPointerException is thrown while searching for the exceptions in the Exception console. |
| | **Solution:** A validation check has been provided in the Application Manager. Therefore, when a user attempts to delete a queue that is associated with an exception in the YFS_INBOX table an error message is displayed. |

| | |
|---|---|
| **Defect ID** | 243109 |
| **Case ID** | 00281594 |

**Description**    When a user performs the following sequence of actions, the order is partially scheduled:

1. Sets up a sourcing rule that picks the node from the distribution group. The distribution group has two nodes, N1 and N2.
2. Sets up a scheduling rule with 'Line Ship From Single Node' and 'Optimizing on Date' check boxes are selected.
3. Creates an order for quantity 5.
4. Runs the scheduleOrder API by passing maximum records as 5. Out of quantity 5, quantity 3 is partially scheduled from N1 and quantity 2 is backordered.

**Defect ID**    243425

**Case ID**    00265629

**Description**    When a user performs the following sequence of actions, the system must not call the getParcelSCACSummary API:

1. Creates a user group and revokes the permission for inner panel 'YDMD601I02' (Carrier Summary).
2. Creates a user and assigns the user group created in step 1.
3. Logs in to the application as a new user created in step 2.
4. Navigates to the Manifest Console.
5. Clicks "Search" and confirms that the 'YDMD601I02'(Carrier Summary) inner panel is not displayed.

**Defect ID**    244438

**Case ID**    Internal

**Description**    If the Selling and Fulfillment Foundation 8.5 is installed in multi-schema environment and the installation is on HF32 or below, if a user attempts to install a HF between HF33 and HF43, then the hot fix installation fails during data migration.

              **Solution:** This issue has been resolved in the Selling and Fulfillment Foundation 8.5-HF44. A user can bypass this issue by installing HF44 or above.

# Hot Fix 43

**Defect ID**    234909, 242530

**Case ID**    00229451

**Description**    The application must be enhanced to enable a user to specify the distance criteria while defining a Distribution Group for the delivery service items.

              **Solution:** The requisite information has been included in the "Defining Distribution Groups for Delivery Service Items" section of the Sterling Distributed Order Management Configuration Guide.

**Defect ID**    236652

**Case ID**    00245411

| | |
|---|---|
| **Description** | When a user configures the Standard FXRS Integration and implements the YCSShipCartonUserExit to blank out the 'PickupDate' attribute, the system defaults it to current date instead of passing the blank value to the integration server. |

**Solution:** A new attribute, 'RetainBlankPickupDate' has been exposed in the YCSShipCartonUserExit. When a user sets the value of the 'RetainBlankPickupDate' attribute to 'Y' and 'PickupDate' to 'BLANK', system will not default the attribute to the current date. Currently, this is supported only for Fedex Adaptor.

| | |
|---|---|
| **Defect ID** | 242136 |
| **Case ID** | 00282678 |
| **Description** | When a user performs the following sequence of actions, the Release agent does not honor the node notification time configuration: |

1. Sets up 'Release an order to this node 2 system days before expected time of shipment' for node N1.
2. Sets up procurement rule for N1.
3. Creates a listener on the sales order (SO) pipeline that listens to the 'Receipt Closed' status of the Purchase Order (PO) pipeline and moves the SO line from the created PO status to the shipped PO status.
4. Associate a delivery service with the item.
5. Runs the ReleaseOrder API.

| | |
|---|---|
| **Defect ID** | 242348 |
| **Case ID** | 00284516 |
| **Description** | When a user performs the following sequence of actions, all the orderlines gets backordered: |

1. Adjusts inventory for an item and reserves the same by calling the reserveItemInventory API.
2. Creates an order and consumes the reserved inventory through the OrderLineReservations attribute of the changeorder API.
3. Implements the YFSGetAvailabilityCorrectionsForItemListUE user exit.
4. Calls the scheduleOrder API.

| | |
|---|---|
| **Defect ID** | 242569 |
| **Case ID** | 00284151 |
| **Description** | Although a user creates a return order without the Line Type, in application console, the return order line displays the Line Type. |

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|---|---|
| **Defect ID** | 243318 |
| **Case ID** | 00278916 |
| **Description** | When a user enables the ON_SUCESS event of the changeOrder transaction, which invokes the recordCollection and getOrderDetails API's in the same transaction boundary, the updated fields of the yfs_charge transaction is not displayed in output. |

| | |
|---|---|
| **Defect ID** | 243414 |

| Case ID | 00240328 |
|---|---|
| Description | When a user performs the following sequence of actions, the system displays an incorrect date in the received location: |

1. Configures a buyer, seller, and receiving node (node1).
2. Creates user1 for node1.

   The user must belong to Netherland locale.
3. Logs in as user1.
4. Creates an inbound shipment with a time-sensitive item.
5. Confirms the shipment and ships the shipment.
6. Logs in to the Sterling Mobile application.
7. 7. Navigates to Receive > Purchase Order. In the "Order Detail" screen enters the shipment number and ship by date as "01 06 2011".

   In the received location the date is displayed as 31 05 2011 instead of 01 06 2011. Due to this the date in the putaway location is also displayed as 31 05 2011.

| Defect ID | 244142 |
|---|---|
| Case ID | Internal |
| Description | The Sterling Distributed Order Management Configuration Guide must be updated with information about the sourcing template enhancement. |
| | **Solution:** The requisite information has been included in the "Defining Sourcing Template Details" section of the Sterling Distributed Order Management Configuration Guide. |

# Hot Fix 42

| Defect ID | 241008 |
|---|---|
| Case ID | 00274406 |
| Description | When a user performs the following sequence of actions for processing an order, the Schedule Order agent runs into an infinite loop: |

1. Selects the "Allow Reservation during scheduling" check box in the Scheduling rules.
2. Creates an order with a delivery service associated to the item.
3. Takes an appointment forcefully by selecting the "Ignore product availability" option under Overrides.
4. Runs the Schedule Order agent.
5. The record is deleted and again inserted, instead of getting updated. Due to this, the Schedule Order agent runs into an infinite loop.

| Defect ID | 241916 |
|---|---|
| Case ID | 00278919 |

| Description | When a user performs the following sequence of actions, the system throws a NullPointerException: |
|---|---|

1. Enables the ON_RELEASE_CREATION_OR_CHANGE event of RELEASE.0001 transaction.
2. Defines a service within the event.

   The service calls the changeRelease API.
3. Enables the ON_SUCCESS event.
4. Extends the event xml to include the entire xml as given in the *Selling and Fulfillment Foundation: Javadocs.*
5. Creates an order.
6. Schedules the order and releases it.

| **Defect ID** | 242223 |
|---|---|
| **Case ID** | 00283112 |
| Description | When a user performs the following sequence of actions, the system creates an additional CHARGE record in the YFS_CHARGE_TRANSACTION table: |

1. Creates a sales order.
2. Schedules the order and releases it.
3. Creates a shipment.
4. Creates a shipment invoice and collects the payment through an asynchronous payment method.
5. Creates a return order for the same sales order.
6. Refunds the sales order after creating invoice through an asynchronous payment method by invoking the recordExternalCharges API.

| **Defect ID** | 242303 |
|---|---|
| **Case ID** | 00280755 |
| Description | For the existing YFS_TRANSACTION_LOCK records with PURPOSE column having data with trailing white spaces, on invoking the addContainerToManifest API, the system throws a "java.lang.reflect.InvocationTargetException" error and fails to restore the Transaction Lock. |

# Hot Fix 41

| **Defect ID** | 240626 |
|---|---|
| **Case ID** | 00269937 |
| Description | The application performs incorrect partial procurement when an order is scheduled and if appointment is present on the delivery order. |

| **Defect ID** | 241411 |
|---|---|
| **Case ID** | 00279450 |

**Description** The application displays a Null Point Exception when ConfirmAssignmentUE user exit is implemented, and the order is created and scheduled with multiple pack items, in a single transaction boundary.

# Hot Fix 40

**Defect ID** 235720

**Case ID** Internal

**Description** The Selling and Fulfillment Foundation: Localization Guide must be updated to indicate that the application supports search by localized value.

**Solution:** The requisite information has been provided in the *Selling and Fulfillment Foundation: Localization Guide.*

**Defect ID** 239378

**Case ID** 00265676

**Description** The queryTimeOut parameter passed as an API input is ignored by the internal logic, if the query being executed has a "for update" clause in it.

**Solution:** The logic has been enhanced to look for another parameter "TimeoutLockedUpdates". A value of "Y" or "True" irrespective of case for TimeoutLockedUpdates will now force the logic to use the queryTimeOut for queries with "For update" clause. The "TimeoutLockedUpdates" is read from the context using the specified methods.

**Defect ID** 240571

**Case ID** 00272843

**Description** When a user performs the following sequence of actions, the alert raised by the Real-Time Availability Monitor agent has FutureAvailableQuantity=ZERO for the bundle parent:

1. Creates a bundle item with components.
2. Configures an ATP monitor rule for an activity.
3. Adjusts the onhand and future inventory, such that an inventory activity is created.
4. Invokes the Real-Time Availability Monitor agent.

**Defect ID** 240670

**Case ID** 00271397

**Description** When a user calls the changeRelease API for an order, by passing the OrderNo, DocumentType, EnterpriseCode, and SelectMethod="WAIT" in the input xml, the changeRelease API does not honor the SelectMethod="WAIT. It locks the YFS_ORDER_HEADER table with NOWAIT.

**Defect ID** 240988

**Case ID** 00276631

| | |
|---|---|
| **Description** | When the getRourcePoolCapacity API is invoked, the AllocatedConsumption attribute is not populated for the parent slot in the "Detailed Capacity" console. |

| | |
|---|---|
| **Defect ID** | 241136 |
| **Case ID** | Internal |
| **Description** | In the *Selling and Fulfillment Foundation: Javadocs* the ShipNode element is missing in the output templates of the changeOrder API. |

| | |
|---|---|
| **Defect ID** | 241137 |
| **Case ID** | Internal |
| **Description** | In the *Selling and Fulfillment Foundation: Javadocs* the AttributeReference element is missing in the output templates of the getitemlist and getcompleteitemlist APIs. |

| | |
|---|---|
| **Defect ID** | 241419 |
| **Case ID** | Internal |
| **Description** | The *Selling and Fulfillment Foundation: Installation Guide* must be updated with the supported version of Oracle Database.<br><br>**Solution:** The requisite information has been provided in the *Selling and Fulfillment Foundation: Installation Guide.* |

# Hot Fix 39

| | |
|---|---|
| **Defect ID** | 236479 |
| **Case ID** | 00248356 |
| **Description** | The Sterling Mobile application logs out, when a user encounters a dynamically loaded menu or screen during execution. |

| | |
|---|---|
| **Defect ID** | 236578 |
| **Case ID** | Internal |
| **Description** | The application must be enhanced so that the client applications can implement PA-DSS as per the standards. |

| | |
|---|---|
| **Defect ID** | 238932 |
| **Case ID** | 00266077 |
| **Description** | The addContainerToManifest API currently acquires the Transaction Lock with SCAC and ShipNode. Due to this the system performance is slow during peak seasons.<br><br>**Solution:** The Transaction Lock is now acquired with Shipper Acc No, SCAC, and ShipNode. |

| | |
|---|---|
| **Defect ID** | 239601 |

| Case ID | 00259332 |
|---|---|
| Description | When multiple orders with corresponding work orders are consolidated in a single shipment, if the ChangeShipment API is invoked it throws an "Either Work Order Key or Work Order Appointment Key incorrect" exception, as the work order key and the work order appointment key is stamped on the shipment header |

**Solution:** The work order key and the work order appointment key will get stamped on the shipment header if there is a single order is in a shipment. When multiple orders with corresponding work orders are consolidated in a single shipment, the value of the work order key and the work order appointment key will be null in the YFS_SHIPMENT table.

| Defect ID | 239621 |
|---|---|
| Case ID | 239621 |
| Description | When a user performs the following sequence of actions, the newly split line does not copy the unit price from the original line. Instead, it gets the value from the price program: |

1. Navigates to DOM > Document specific > Sales Order > Fulfillment > Fulfillment Rules.
2. Checks for "A line can be fulfilled from a single Node only" flag and "For a line with firm pre-defined shipnode" flag.

   If the line is partially backordered or unscheduled, splits it into two separate lines so that a different ship node can be selected for the new line.
3. Checks the Default Split line template.
4. Ensures that the UnitPrice attribute in the LinePriceInfo attribute is enabled.
5. Configures the price program and price lists for an item.
6. Adjusts inventory so that Node1 (N1) has 2 quantities of the item.
7. Creates an order for 4 quantities.
8. Adds list price and unit price to an order line.
9. Schedules the order, which splits the order line into two for the back ordered quantity.

**Solution:** The "IsPriceLocked" flag has been introduced in the "Default Split line template". Both "UnitPrice" and "IsPriceLocked" must be enabled in the "Default Split line template" for the system to retain the unit price of the original line on the split line.
**Note:** If the "IsPriceLocked" flag is set to 'N' or blank, even if the "IsPriceLocked" is enabled in the template, the system will get the value for unit price on the split line from the price program.

| Defect ID | 240058 |
|---|---|
| Case ID | 00272111 |

| Description | When a user performs the following sequence of actions, the system throws a "record already exists in the database" error message: |
|---|---|

1. Launches the Applications Manager.
2. Navigates to the Applications > Platform > Process Modeling > Load > Load Execution > Transactions > Purge Load History > Time Triggered > LOADHISTPRG details.
3. Modifies the runtime properties.
4. Saves the changes.

   The user is not able to save the changes made to the runtime properties for LOADHISTPRG agent criteria, as it points to the wrong flow key 'LOADPRG'.

# Hot Fix 38

| Defect ID | 239101 |
|---|---|
| Case ID | 00265296 |
| Description | A user is not able to reset the item service association skill using the manageItem API. |

| Defect ID | 239277 |
|---|---|
| Case ID | 0026807 |
| Description | When a user performs the following sequence of actions, the system throws an exception and stalls the payment: |

1. Creates a payment hold to prevent the payment collection.
2. Creates an order and confirms it.
3. Runs the requestCollection agent.

   The requestCollection agent picks up an order that is on HOLD.

# Hot Fix 37

| Defect ID | 235412 |
|---|---|
| Case ID | 00099006 |
| Description | In the Shipping Preferences, the 'Overship Percentage' field must allow a user to enter value more than 999%. |

**Solution:** The DataType for the "Overship Percentage" field has been changed such that the user can enter a value more than 999%.

| Defect ID | 237789 |
|---|---|
| Case ID | 00256433 |
| Description | The AwaitingDeliveryRequest and HasDeliveryLines attributes must be exposed at the OrderLine level of the getOrderLineList API output. |

| | |
|---|---|
| **Defect ID** | 237946 |
| **Case ID** | 00256433 |
| **Description** | If a user creates more than 75 enterprises in Participant Modeling and tries to select an enterprise to onboard at a node, the 'Select the Enterprise' drop-down list does not display all the enterprises. |

| | |
|---|---|
| **Defect ID** | 238146 |
| **Case ID** | 00261036 |
| **Description** | When a user invokes the restoreOrder API, it throws an "ANSWER_SET_KEY is an Invalid Column" exception. |

| | |
|---|---|
| **Defect ID** | 238187 |
| **Case ID** | 00255284 |
| **Description** | When a user performs the following sequence of actions, the bundle relationship is lost when relationship type is attached with a bundle component: |

1. Creates a bundle parent and adds the bundle component, for example, TV and DVD.
2. Creates an item, for example TVWarranty, which has the relationship type as 'WARRANTY'.
3. Calls the createOrder API to create an order that has the bundle component TV with relationship type as 'WARRANTY' and item as TVWarranty.

   The bundle relationship of the TV and the bundle parent item is lost when the relationship type is attached to the TVWarranty item.

| | |
|---|---|
| **Defect ID** | 238560 |
| **Case ID** | 00263727 |
| **Description** | When a user performs the following sequence of actions, the system throws a "WMS00056: There is no inventory for put away at the Source Location" error message: |

1. Creates a Purchase Order for an item.
2. Logs in to the Sterling Mobile application.
3. Selects receipt and putaway.
4. Scans the order and clicks "Enter".
5. Scans the equipment and clicks "Enter".
6. Scans the item ID and tabs out.
7. In the "Quantity" screen, scans the quantity and tabs out. The Disposition Code field is left blank and clicks "Enter".

# Hot Fix 36

| | |
|---|---|
| **Defect ID** | 203172 |
| **Case ID** | Internal |

| | |
|---|---|
| **Description** | The name of a sub-service is configured in a service in the Sterling Configurator with more than 40 characters such that the service registers an exception. If the exception occurs during the execution of the service, the application goes into an infinite loop, and registers SQL exceptions continuously when trying to insert a record into the YFS_INBOX table. |
| **Defect ID** | 204585 |
| **Case ID** | Internal |
| **Description** | The Statistics Purge agent does not completely purge all the eligible records in the YFS_STATISTICS_DETAIL table. |
| **Defect ID** | 225504 |
| **Case ID** | Internal |
| **Description** | The ItemAttributeGroupTypeList and PrimaryInformation elements must be exposed under the ChildItem element in the getItemList API output. The ShipnodePersonInfo element must to be exposed under ShipNode in the getUserHierarchy API output. |
| **Defect ID** | 235728 |
| **Case ID** | Internal |
| **Description** | When creating a chained order synchronously against future supply, the inventory item on the procurement order is the original selling item and not the actual inventory item. |
| **Defect ID** | 235730 |
| **Case ID** | Internal |
| **Description** | When creating a chained order synchronously, if a user uses the actual inventory item on a purchase order, the system throws an 'Invalid Node' error. |
| **Defect ID** | 235740 |
| **Case ID** | Internal |
| **Description** | When a user calls the createChainedOrder API for a selling item to create chained order, the chained order is not created with the correct order lines. |
| **Defect ID** | 237405 |
| **Case ID** | 00249184 |
| **Description** | When a user triggers the Real Time Inventory Monitor agent and publishes the alerts, the alert xml for the bundle parent is published along with the component, but the OnhandAvailableQuantity is displayed as ZERO. |
| **Defect ID** | 237667 |
| **Case ID** | 00257577 |

**Description**   When a user performs the following sequence of actions, the system throws an error while cancelling the order:

1. Configures procurement rules for an order with fulfillment method as delivery.
2. Creates an order with fulfillment method as 'Delivery'.
3. Sets an appointment.
4. Schedules the order.
5. Cancels the order.

# Hot Fix 35

**Defect ID**   199387

**Case ID**   Internal

**Description**   A user should be able to prioritize the tasks.

**Solution:** The getNextTask API has been enhanced to take 'TaskPriority' as the input and return tasks as per the priority.

**Defect ID**   203175

**Case ID**   Internal

**Description**   When the moveLocationInventory API is called in multi-threaded mode, it successfully passes for the first time, but fails the second time with an error "ORA-0, Could not find entity".

**Defect ID**   204582

**Case ID**   Internal

**Description**   When a user performs the following sequence of actions, the application displays an "Operation cannot be processed in current status" error message if the Allocate Task agent does not start and clear the draft tasks:

1. Configures delayed allocation for a node in the wave release schedule.
2. Ensures that a task for the node configured in step 1 exists in a draft location having a regular location as its target location.
3. Logs in to the RF device and performs an ad_hoc move for an item from one location to another location.

If the Allocate Task agent is not running, the application waits for the Allocate Task agent to start and clear the draft tasks for the configured time.

**Solution:** A new "yfs.override.pendingallocations.for.adhocmoves" property has been provided. If the value of this property is set to "Y" and if the user performs an adhoc move, the 0020 application will not wait for the Allocate Task agent to start and clear the draft tasks. Instead, the application will allow the user to complete the adhoc move.

The requisite information has been updated in the Chapter, " Property Files Reference" of the *Selling and Fulfillment Foundation: Properties Guide*.

**Defect ID**   219813

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|---|---|
| **Case ID** | Internal |
| **Description** | The registerTaskCompletion API does not consider the AssignedToUserId passed in the input while fetching records from the YFS_USER_AISLE table. |

| | |
|---|---|
| **Defect ID** | 231478 |
| **Case ID** | 00221040 |
| **Description** | When the multi-stop functionality and caching is enabled, if a user calls the findInventory API to determine the shortest path between the ship node and the receiving node, it throws a null pointer exception. |

| | |
|---|---|
| **Defect ID** | 238042 |
| **Case ID** | 00219425 |
| **Description** | The *Sterling Multi-Channel Fulfillment Solution Installation Guide* must be updated with information about SUSE Linux 11 support for RCP Client.<br><br>**Solution:** The requisite has been provided in the Sterling Multi-Channel Fulfillment Solution Installation Guide. |

# Hot Fix 34

| | |
|---|---|
| **Defect ID** | 199377 |
| **Case ID** | Internal |
| **Description** | The changeShipmentContainer API must populate the ReasonCode and the ReasonText information in yfs_audit_header when this API is invoked to modify the shipment line quantity by modifying the container details quantity.<br><br>**Solution:** The ReasonCode and ReasonText information must be passed in the <Container> element of the API input for populating the values in the YFS_AUDIT_HEADER table. |

| | |
|---|---|
| **Defect ID** | 199396 |
| **Case ID** | Internal |

**Description**  When a user performs the following sequence of actions, the application does not stamp the correct quantity on the task:

1. Configures a Pick Exception code with the "Suggest Alternate Location" option and replenishment strategy with splitting is not allowed.

2. Adjusts inventory for an item in an LPN, for example, C1, in a location.

3. Creates a shipment, adds the shipment to a wave, and releases the wave such that a task is created from the location mentioned in step 2 with the suggested LPN as C1.

4. Adjusts inventory in another LPN, for example, C2, in another location, with a different quantity.

5. Logs in to the Sterling Mobile application and enters the pick exception configured in step 1.

The application suggests another location to pick inventory through the Suggest Alternate Location mechanism. The new task is created from another location with the suggested LPN (C2) information, but the quantity remains the same as that of the LPN (C1).

**Defect ID**  199401

**Case ID**  Internal

**Description**  When a system-defined containerization is configured, serial-tracked, and serialized the items are packed, the application does not validate the value of the serialized items scanned in the "Serial" pop-up window.

**Defect ID**  199411

**Case ID**  Internal

**Description**  When a user performs the following sequence of actions, the application does not stamp the suggested LPN information on the task:

1. Adjusts inventory for an item in an LPN, for example, C1, in a location.

2. Creates a shipment, adds the shipment to a wave, and releases the wave such that a task is created from the location mentioned in step 1, with the suggested LPN as C1.

3. Deletes C1 and adjusts inventory in another LPN, for example, C2, in another location, with a different quantity.

4. Logs in to the Sterling Mobile application to complete the task started in step 3.

The application suggests another location to pick inventory through the Suggest Alternate Location mechanism. The new task will be created from another location without the suggested LPN (C2).

**Defect ID**  234305

**Case ID**  00222298

**Description**  In the "Status Inventory Type Details" pop-up window, while adding a Status Inventory Type for Transfer Orders, the 'Status' drop-down list displays a limit of 75 items.

**Solution:** A look-up option has been added to search and add statuses, if there are more than 75 statuses. Otherwise a usual drop-down will be displayed.

| | |
|---|---|
| **Defect ID** | 235192 |
| **Case ID** | 00239558 |
| **Description** | When a user selects the "Save as" option in the 'Resource Pool List"screen to create a new resource pool from the existing one, the additional capacity limits for a resource is not getting copied. |

| | |
|---|---|
| **Defect ID** | 235473 |
| **Case ID** | 00244861 |
| **Description** | When a user creates a HangOff table that has history, creates a synchronous service to insert a record into the table and calls the getOrderList API to get data for the HangOff table with ReadFromHistory="B", the system throws an error. |

| | |
|---|---|
| **Defect ID** | 235629 |
| **Case ID** | 00170780 |
| **Description** | When a user performs the following sequence of actions, the system throws an "YFS10048 YFS: Invalid Node" error: |

1. Ensures that a service item is associated with a product item.
2. Creates an order for an item.
3. Associates the item with a delivery service item.
4. Ensures that the ShipNode is not passed at the order or order line level.
5. Invokes multiAPI in which the generateWorkOrderAPI is the first API and the changeOrder API is the second API, such that the changeOrder API passes a valid value for procureFromNode and shipNode at the order line level.

| | |
|---|---|
| **Defect ID** | 225725 |
| **Case ID** | 00186851 |
| **Description** | When the BeforeCreateShipmentUE user exit is implemented, some of the output xml attributes are lost. |

| | |
|---|---|
| **Defect ID** | 235925 |
| **Case ID** | 00247998 |
| **Description** | When a user performs the following sequence of actions, a user is not able to resize the "Region" column in "Resource Pool Details" screen: |

1. Navigates to the Global Inventory Visibility > Resource Capacity > Resource Pool.
2. In the "Resource Pool Details" screen, selects any resource pool.
3. Clicks the "Regions" tab.
4. Selects the "Service specific regions" option.

| | |
|---|---|
| **Defect ID** | 236701 |
| **Case ID** | 00238007 |

| Description | The Modification Rule does not exist for the 'Change Appointment' modification for a return order that is in the "Released" status. When a user logs in to the Sterling Call Center and Sterling Store application and navigates to the 'Service Fulfillment Summary' screen, the 'Change Appointment' modification is always 'DISABLED' for order line that is 'Released' status and above. |
|---|---|

**Solution:** The Modification Rule for the "Change Appointment" modification for a return order has been extended to 'Released' and 'Included in Shipment' status.

| Defect ID | 237051 |
|---|---|
| Case ID | 00253987 |
| Description | When a user performs the following sequence of actions, the shipment is removed from the wave and the 'Wave Number' is displayed as blank in the "Shipment Details" screen: |

1. Adjusts the inventory in two locations, L1 and L2 having 4 quantities each.

2. Creates 3 shipments, S1, S2, and S3 for the inventory with 2 quantities each.

   Before picking the shipment S1, changes the inventory status at L1 to CH (count held) and making it unavailable. If the user picks the first task, the system cancels the current task, and creates a new task for location L2.

   While picking the first task, enters the first shipment number as the task reference in the "Task List" console.

# Hot Fix 33

| Defect ID | 203178 |
|---|---|
| Case ID | Internal |
| Description | When a user creates more than 100 LPNs ,adjusts loose SKUs in more than 200 locations, and invokes the getNodeInventory for the whole node, the application registers a java.lang.IllegalArgumentException error message. |

| Defect ID | 203184 |
|---|---|
| Case ID | Internal |
| Description | When a shipment that has containers associated to multiple shipment lines of the same item is split by moving a container to another shipment, the application fails when packing the container. |

| Defect ID | 228935 |
|---|---|
| Case ID | Internal |
| Description | During any Hot Fix installation, the factory setup installation does not honor the LOAD_FACTORY_SETUP property in sandbox.cfg. |

**Solution:** If the LOAD_FACTORY_SETUP property in sandbox.cfg is set to 'False', then the factory setup will not be installed during the Hot Fix installation.

| Defect ID | 229502, 236129 |
|---|---|
| Case ID | 00147712 |
| Description | The history of all the inventory transactions, which includes inventory updates to supply types that are both ONHAND and non-ONHAND (such as, Pending Sellable, On Order, Intransit and so on) between the WMS/Vendors and OMS must be available. It can be achieved by the Sterling Inventory Audits, which provides inventory Audits only for Supply Types that is ONHAND type. |

**Solution:** The adjustInventory API is called internally by the inventory APIs whenever a change in supply is requested. For the inventory updates, the adjustInventory API is enhanced to log audit if 'Is Audit Enabled' flag is set to 'Y' for the Supply Types. To support the backward compatibility, the out-of-box Onhand Supply Types has 'isAuditEnabled' flag checked.

In addition to this behavior, if the 'Enable Audit' check box is selected for the SupplyType, and if the INVENTORY_CHANGE.INVENTORY_CHANGE event is enabled, the event or alert will also be raised for the SupplyType.

**Note:** The requisite information has been updated in the Chapter, "'Configuring Inventory Types and Considerations" of the Sterling Global Inventory Visibility: Configuration Guide.

| Defect ID | 234448 |
|---|---|
| Case ID | 00149682 |
| Description | The getOrderPrice and getItemPrice APIs must be enhanced to provide a PricelistName attribute. |

**Solution:** A new PricelistHeader xml element has been added to the SelectedPricelistLine element of the getOrderPrice and getItemPrice APIs.

For more information about the getOrderPrice and getItemPrice APIs, refer the Selling and Fulfillment Foundation:Javadocs.

| Defect ID | 235716 |
|---|---|
| Case ID | 00246860 |
| Description | When a user performs the following sequence of actions, the system locks the transaction twice: |

1. Creates a shipment.
2. Create two containers for a shipment.
3. Packs the container.
4. Adds the first container to a manifest. The system will open a new manifest and locks the transaction.
5. Adds the second container to the manifest and the system again locks the transaction.

**Solution:** The system will lock the transaction if a new manifest is opened.

| Defect ID | 235744 |
|---|---|
| Case ID | 00246810 |

**Description**   The CreateException API fails for a Reprocessible Service when the exception references value contains a ":" character.

# Hot Fix 32

**Defect ID**   224513

**Case ID**   Internal

**Description**   When the ON_STATUS_CHANGE event of the Change Order Status transaction gets raised and the custom class calls the getOrderDetails API from a service running on the Integration Server, the ON_STATUS_CHANGE event returns the order status as 'Partial_Status' even if the order is in 'Extended Released' status.

**Defect ID**   228818

**Case ID**   Internal

**Description**   When shutdown is issued on a running agent (or a service involving JMS), if one or more consumer threads are stuck indefinitely or for a long time, the shutdown thread that will wait for the consumer thread to finish, is not able to complete the shutdown task.

**Solution:** A new "yantra.shutdown.wait.timeout" property has been exposed. Users can specify the maximum time that the shutdown thread should wait for the consumer to finish the current task, in the event of a shutdown. The time-out indicates the time that the shutdown thread will wait for the consumer thread to complete the transaction, before proceeding with the shutdown.

If the consumer thread does not finish before the specified time (elapsed time since shutdown/CTRL+C), the shutdown thread will proceed further with the shutdown issuing a rollback on the session/message.

The default value for this property is 0, which maps to an indefinite wait.

**Defect ID**   233151

**Case ID**   00236357

**Description**   When the getIntegraionErrorList API is called through the getPage API with pagination strategy as NEXTPAGE, the results are not obtained.

**Solution:** The getIntegraionErrorList' API has been enhanced to support the NEXTPAGE pagination strategy through the getPage API.

**Defect ID**   234452

**Case ID**   00239967

**Description**   The system does not honor the User Interface timeout configured in the yfs.yfs.ui.queryTimeout property.

**Defect ID**   234667

**Case ID**   00241050

| Description | When a user calls the getNodeInventory API having PendInQty and PendOutQty as an input, a select query with distinct clause is fired on the YFS_NODEINVENTORYDTL_VW, because of which the YFS_NODEINVENTORYDTL_VW runs for a long duration that causes performance issues. |

**Solution:** A new select distinct query is fired on the YFS_NOPNDMV_NODEINVDTL_VW.

| Defect ID | 235185 |
| Case ID | 00243117 |
| Description | The Real Time Availability Monitor raises duplicate events when run in a multithreaded mode with more than 10 threads. |

| Defect ID | 235255 |
| Case ID | 00244855 |
| Description | When a user creates a shipment and packs it, at the time of packing it the addToContainer API is called due to which the system performance is slow when the query is fired on the YFS_SHIPMENT_Container table while calling the addToContainer API. |

| Defect ID | 235478 |
| Case ID | 00245294 |
| Description | The getItemListForOrdering API must be enhanced to be able to search an item in multiple languages. |

**Solution:** The getItemListForOrdering API has been enhanced to read ItemLocaleList element in the input. A user will be able to pass localized values in the input of the getItemListForOrdering API to search for an item.

For more information about the getItemListForOrdering API, refer the *Selling and Fulfillment Foundation: Javadocs.*

| Defect ID | 235548 |
| Case ID | 00246683 |
| Description | The system does not honor node configuration while retrieving the task type from the getNextDepositLocation API. |

| Defect ID | 235785 |
| Case ID | 00247374 |
| Description | During wave release, the application allocates more inventory than what is available in a location, if a shipment in a wave has a shipment line with the "CountryOfOrigin" attribute. |

# Hot Fix 31

| Defect ID | 205203 |

| Case ID | Internal |
|---|---|
| Description | When a user performs the following sequence of actions, the entire order quantity is moved to the "Reserved" status, even though the available inventory is lesser than the requested quantity: |

1. Configures the Scheduling Rules.
2. In the "Scheduling Rules" screen, selects the "Ship Line Complete" flag and the "Allow Reservation During Scheduling Rules" flag.
3. Implements the YFSGetAvailabilityCorrectionsUE user exit.
4. Creates an order with 10 quantities of an item. However, the on-hand inventory is only five quantities.
5. Schedules the order.

    While five quantities are moved to the "Reserved" status, the remaining five quantities are moved to the "Backordered" status.
6. Again schedules the order.

| Defect ID | 227317 |
|---|---|
| Case ID | 00204741 |
| Description | The getInventoryAudit API must support the NEXTPAGE pagination strategy. |

**Solution:** The getPage API fetches the paginated Inventory Audit records with the NEXTPAGE pagination strategy.

For more information about the getPage API, refer the *Selling and Fulfillment Foundation: Javadocs*.

| Defect ID | 224513 |
|---|---|
| Case ID | Internal |
| Description | When the ON_STATUS_CHANGE event of the Change Order Status transaction is raised and the custom class calls the getOrderDetails API from a service that is running on the Integration Server, the ON_STATUS_CHANGE event returns the order status as 'Partial_Status', even if the order is in the 'Extended Released' status. |

| Defect ID | 232220 |
|---|---|
| Case ID | Internal |
| Description | An incorrect Transfer Order is created when the USE_INVENTORY_ITEM_CHAINED_ORDER_CREATE rule is set to 'Y' for a Transfer Order. Also, if there are multiple OrderLineSchedules for an OrderLine an incorrect Transfer Order is created. |

| Defect ID | 232304, 232306 |
|---|---|
| Case ID | Internal |
| Description | The hang offs record including the Order Line Schedules, are incorrectly copied from the Sales Order Line to Chained Order Line when splitting across multiple inventory items. Due to this, an exception is thrown in some scenarios. |

| Defect ID | 232602 |
|---|---|

| | |
|---|---|
| **Case ID** | 00228810 |
| **Description** | When a user performs the following steps, the "manage Pricing Rule" screen throws an 'Record already exists in the database" error: |

1. Launches the Sterling Business Center.
2. Navigates to the Pricing > New Pricing Rule.
3. Creates a pricing rule of type "Item Quantity'.
4. Configures a rule to have 3 or more attributes and saves it.
5. Again saves the rule by updating the customer assignments as "applicable for all customers".
6. Attempts to activate the rule.

| | |
|---|---|
| **Defect ID** | 232650 |
| **Case ID** | 00225488 |
| **Description** | The generateWorkOrder API throws an invalid customer errror in the following conditions: |

- When a ship node user logs in to another ship node and navigates to the 'Change Fulfillment Options" screen, and clicks "Next" during the order entry flow while creating an order.
- When a team is not defined at the node level, but defined at the hub level and the node users have been assigned to a team which has access to all nodes.

| | |
|---|---|
| **Defect ID** | 233932 |
| **Case ID** | Internal |
| **Description** | When a user calls the createShipment API using the Read Availability Across Items Sharing the Same Attribute feature, the actual inventory is placed on the shipment. However, the inventory gets updated for the original ordered item. |

| | |
|---|---|
| **Defect ID** | 234534 |
| **Case ID** | Internal |
| **Description** | In a paginated console screen, by default the sorting is of "Server Side Sorting" type. A user must be provided with the capability to sort data in the screen. |

**Solution:** To switch to the client-side sorting (local sort on the displayed page), change the "sc-ui-pagination-sorting-type" parameter to "client" in the web.xml file.

**Note:** All sorting performed on this screen will be lost if the user navigates away from this screen.

| | |
|---|---|
| **Defect ID** | 234620, 207414 |
| **Case ID** | 00239790 |

| | |
|---|---|
| **Description** | The ScheduleOrder API creates a Procurement Transfer Order instead of a Procurement Purchase Order when the YFSGetAvailabilityCorrectionsUE user exit is implemented. |

- When there is a segmented inventory.
- When an orderline contains items that belong to the segmented inventory.
- When the YFSGetAvailabilityCorrectionsForItemListUE user exit is implemented.

| | |
|---|---|
| **Defect ID** | 234997, 233951, 233825 |
| **Case ID** | 00240055, 00236031, 00235457 |
| **Description** | The executeCollection API does not honor the time stamp of the collection date because of which it picks up the charge transactions with a future collection date. |

| | |
|---|---|
| **Defect ID** | 235162 |
| **Case ID** | 00236085 |
| **Description** | A store user is not able to view the expected on date on the "Order Summary" screen for appointments taken from a different store. |

# Hot Fix 30

| | |
|---|---|
| **Defect ID** | 232232 |
| **Case ID** | 00229573 |
| **Description** | The system broadcasts cache refresh for the YFS_Item table and YFS_PriceList_Line table even when the cache is disabled, resulting in performance issues. |

| | |
|---|---|
| **Defect ID** | 232926 |
| **Case ID** | 00198004 |
| **Description** | When a user performs the following steps, an exception - "Delete failed. The record to be deleted could either not be found or it was already deleted or updated by another transaction" is displayed: |

1. Configures a price list in which the price of the item is configured as $10.
2. Configures the "Item quantity price rule". For example, if you buy 2 or more items you get a discount of $2.
3. Configures an order line level hold to be applied on Change Price.
4. Calls the createOrder API with a single order line for the item quantity greater than or equal to 2.
5. Calls the changeOrder API to remove the order line.

| | |
|---|---|
| **Defect ID** | 232307 |
| **Case ID** | Internal |

| | |
|---|---|
| **Description** | Some elements and notes related to the Read Availability Across Items Sharing the Same Attribute feature are not documented in the *Selling and Fulfillment Foundation: Javadocs*. |

| | |
|---|---|
| **Defect ID** | 233051 |
| **Case ID** | 00235554 |
| **Description** | The system throws an "ORA-01438: value larger than specified precision allowed for this column" database error when YFS_INBOX consolidation_count reaches 99999 (maximum limit of CONSOLIDATION_COUNT column in the YFS_INBOX table). |
| | **Solution:** If the consolidation count reaches the maximum limit of 99999, a new record is created in the YFS_INBOX table. |

| | |
|---|---|
| **Defect ID** | 233156 |
| **Case ID** | 00230269 |
| **Description** | Order statuses are not displaying localized values when the -Dlocalecode argument is used to switch to another locale other than the current locale of the user. |
| | **Solution:** When the -Dlocalecode vm argument is specified in the com.ini file, the locale is switched to the locale specified in the argument. All database localized strings appear in the locale specified in the vm argument and not the locale of the user. |

| | |
|---|---|
| **Defect ID** | 233224 |
| **Case ID** | 00221520 |
| **Description** | In Unix-based systems, when the DbVerify command is run with multiple database hosts in the JDBC URL, an error is displayed. |

# Hot Fix 29

| | |
|---|---|
| **Defect ID** | 228957 |
| **Case ID** | 00208500 |
| **Description** | The getFulfillmentOptionsForLines API does not consider the ProcurementFromNode value stamped on an order line when calculating the availability for inventory. |

| | |
|---|---|
| **Defect ID** | 229501 |
| **Case ID** | 00198385 |

**Description** The syncLoadedInventory API is enhanced to support passing the list of "supply types" that are to be synchronized, such as PO, PO_PLACED, INTRANSIT, and so on.

**Solution:** The input to the syncLoadedInventory API has an additional SupplyTypes element with a list of SupplyTypes. If SupplyTypes is passed, the syncLoadedInventory API considers only these SupplyTypes for syncing. Otherwise backward compatibility is retained.

| | |
|---|---|
| **Defect ID** | 231674 |
| **Case ID** | 00220483 |

**Description** When a user performs the following steps, item-based allocation leaves a zero quantity record in the yfs_inventory_reservation table. Due to this, the records do not get deleted from the table:

1. Adjusts inventory for an item as PO_PLACED for 25th October.
2. Reserves available inventory for the item. For example, 1 unit.
3. Adjusts inventory for an item as PO_PLACED for 20th October.
4. Triggers and runs the item-based allocation. Item-based allocation updates the reservation with the new product availability date.
5. Runs cancelReservation API for that quantity.

| | |
|---|---|
| **Defect ID** | 231884 |
| **Case ID** | 00201119 |

**Description** The getInventorySnapShot API must support batching of the output.

**Solution:** The getInventorySnapShot API is enhanced to support two new attributes 'LastInventoryItemKey' and 'MaximumNumberOfItems'.

When passed in the input along with shipNode, the API fetches records ahead of the passed 'LastInventoryItemKey' attribute with the number of records restricted to 'MaximumNumberOfItems' attribute value passed in the input.

**Note:** The attributes are honored only if ShipNode is passed in the input.

| | |
|---|---|
| **Defect ID** | 232220 |
| **Case ID** | Internal |

**Description** Incorrect Transfer order gets created when the USE_INVENTORY_ITEM_CHAINED_ORDER_CREATE rule is set to Y for a Transfer order and multiple OrderLineSchedules that exists for an OrderLine,

| | |
|---|---|
| **Defect ID** | 232221 |
| **Case ID** | Internal |

**Description** The word "When" is spelt incorrectly as "Whe" for the rule USE_INVENTORY_ITEM_CHAINED_ORDER_CREATE in the following label location: Supply Collaboration >Document Specific > Purchase Order > Fulfillment > Transaction Rules > Synchronize Items panel.

| | |
|---|---|
| **Defect ID** | 232233 |

| Case ID | 00229135 |
|---|---|
| Description | In the Applications Manager, if a synchronous JMS service is created and the name of the response/request queue is given in parameterized form instead of an absolution JNDI name, the synchronous JMS service throws an error. |

**Solution:** The response/request queue name can be provided as a parameter. The value of this parameter is read from customer_overrides.properties. For example, if the response queue name is set as ${queue_name} in the Applications Manager and customer_overrides.properties has the value as yfs.queue_name=response/Queue, the response queue name is dynamically read as "response/Queue".

| Defect ID | 232291 |
|---|---|
| Case ID | 00225468 |
| Description | When running the integration server, if the length of the MESSAGE_ID parameter of a JMS message is more than 40 characters, the integration server throws an error. |

| Defect ID | 232313 |
|---|---|
| Case ID | Internal |
| Description | When the "Read Availability Across Item Sharing The Same" attribute is enabled and a shipment is created from an order release that has inventory items, the product class information is missing from the shipment lines. |

| Defect ID | 232347 |
|---|---|
| Case ID | 00228490 |
| Description | In the Sterling Business Center application, when a user performs the following steps, the items are not added to the category: |

1. Adds items to a category by clicking the "Add" button on the "Category Details" screen. The item search pop-up window is displayed.
2. Executes a saved search on this item Search pop-up window such that the saved search contains the advanced search criteria. The search results are displayed.
3. Selects one or more items and clicks the "Select" button in the pop-up window to add the selected items to the category. The pop-up window remains open.

| Defect ID | 232468, 232628 |
|---|---|
| Case ID | Internal |
| Description | The user interface to create locales in the Applications Manager does not provide the ability to create locale with a variant. |

| Defect ID | 232937 |
|---|---|
| Case ID | 00233201 |
| Description | An AlreadyClosedException or IllegalStateException error is thrown by the Integration server, if the JMS session pooling provided by the application is enabled by setting the property yfs.yfs.jms.session.disable.pooling=N in the custom_overrides.properties file. |

| Defect ID | 233157 |
|---|---|
| Case ID | 00235433 |
| Description | The getInventorySnapShot API must support batching of the output. |

**Solution:** The output of getInventorySnapShot is enhanced to fetch the highlighted attributes shown below:

```
<InventorySnapShot...>
    <ShipNodeInventoryItemKey="". ...> <!-This indicates the
    last inventory item key of the output XML->
    <Item InventoryItemKey="".../>
```

# Hot Fix 28

| Defect ID | 228896 |
|---|---|
| Case ID | 00181391 |
| Description | The following APIs must be exposed as transactions, and each of the APIs must have an XML document published by the ON_SUCCESS event that contains information about the attributes that are changed by the corresponding APIs. |

- createException
- changeException
- assignException
- resolveException
- unAssignException

**Solution:** All the listed APIs are exposed as transactions with an ON_SUCCESS event. The XML document published by the ON_SUCCESS event contains the current value of the Inbox attributes, and the corresponding older values in an Oldvalues element. The Oldvalue element is present under each Inbox element. By comparing the current values with the old values, the changed attributes of the corresponding API can be determined.

**Note:** This XML document is controlled by a template.

| Defect ID | 229223 |
|---|---|
| Case ID | 00214628 |
| Description | When a user packs inventory for serialized and tag-controlled items using the Pack HSDE screen on a client machine that has multiple Java Runtime Environments (JRE 1.5 and JRE 1.6) installed, the system fails to set focus on the Serial field in the Serial Entry Screen. |

| Defect ID | 230106 |
|---|---|
| Case ID | 00218382 |

| | |
|---|---|
| **Description** | The createWorkOrder API fails when a user attempts to create a new work order and simultaneously takes an appointment when the product line is not available. |

**Solution:** A new attribute IgnoreProductLines is exposed in the createWorkOrderAPI. When this flag is set to "Y", the system ignores the product lines. Due to this, the product availability is not considered while taking appointments. For more information about the createWorkOrderAPI, refer to the *Selling and Fulfillment Foundation: Javadocs.*

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|---|---|
| **Defect ID** | 231220 |
| **Case ID** | 00224252 |
| **Description** | During the scheduleOrder API call, the sourcing regions were cached based on the country and zip code provided in the ShipToAddress. If there is more than one order line, and the zip code is not present in the ShipToAddress XML element of the order line, the API provides incorrect shipping nodes for the second order line onwards. |

**Solution:** When the zip code is not provided, the sourcing region caching is based on the combination of country, state, city, and addressline6 that are specified in the ShipToAddress XML element.

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|---|---|
| **Defect ID** | 231358 |
| **Case ID** | 00221131 |
| **Description** | When the splitLine API is called for a released return order, an "<Error ErrorCode="YFS10136" exception is displayed. |

| | |
|---|---|
| **Defect ID** | 231401 |
| **Case ID** | 00225496 |
| **Description** | Based on the pricing rules configured, the 'Test Pricing' link in the Sterling Business Center application ignores the attribute based pricing rule for the unpublished items. |

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|---|---|
| **Defect ID** | 231774 |
| **Case ID** | 00228173 |
| **Description** | When a user performs the following sequence of actions, the "Record Count Results" screen does not display any item records: |

1. Creates a count request for a location and item that has inventory in an inventory container in that location.
2. Clicks the Complete button to complete the count tasks.

| | |
|---|---|
| **Defect ID** | 232068 |
| **Case ID** | 00229693 |

**Description**   When printing the Pack List in socket mode, special characters such as German umlauts are printed incorrectly because of the UTF-8 encoding. For example, 'Dräger' is printed as 'DrÃ¤ger'.

**Solution:** The character encoding standard for prints is externalized through the 'yfs.encoding.standard.for.prints' property to encode German umlauts. This property can be used for changing the encoding standard. The default standard set for the property is UTF-8.

**Note:** An appropriate encoding standard should be used to print German characters.

**Defect ID**   232400

**Case ID**   Internal

**Description**   When printing the Pack List in socket mode and setting 'yfs.encoding.standard.for.prints=', a java.io.UnsupportedEncodingException error is displayed:

**Solution:** If we do not set any value for this property, then default encoding which is set at the JVM level is used. The default standard set for the property is UTF-8.

# Hot Fix 27

**Defect ID**   218243

**Case ID**   00139813

**Description**     The application must be able to define multiple inventory items for a selling item.

**Solution:** The application has been enhanced to check inventory availability of the ordered item across multiple fulfillment items in a catalog. This enhancement allows multiple vendors to supply inventory for the ordered item.

**Changed Behavior Between 8.5 and Earlier Releases:** The Release 8.5 does not perform validations against catalog items that have the same Global Trade Item Number (GTIN). In earlier releases, the system displayed the error message "GlobalItemID already exists for another item of the organization" when more than one item in the catalog had the same GTIN. This type of validation is no longer required because Release 8.5 supports multiple items with the same GTIN to exist in the catalog.

**Known Issues:**
- While checking the availability of a selling item and an inventory item within the same findInventory API call, both the items having same GTIN displays the same total availability of the items.
- Synchronous chained orders and DropShip chained orders are not supported with the feature "When Read Availability Across Item Sharing The Same Attribute.
- When Read Availability Across Item Sharing The Same Attribute is enabled and clicking the Create Shipment action from the Application Console for a release that has Inventory Items, the Product Class information is not set on the Shipment.

    **Solution/Workaround:** none

**Note:** The requisite information has been updated in the *Catalog Management: Configuration Guide* and *Selling and Fulfillment Foundation: Product Concepts Guide*.

**Defect ID**      231951

**Case ID**        00229357

**Description**     **Solution:** A new rule 'COMPUTE_AVAILABILITY_FOR_RTAM' (Compute and Publish Availability Picture for Real-Time Availability Monitor), has been added in the Global Inventory Visibility > Inventory Rules. The new rule determines whether RTAM should compute and publish the availability information as part of the monitoring process and whether to consider a node's calendar and the minimum notification time while computing the availability picture. When the rule is enabled, the availability information matrix containing ship dates and the corresponding available quantity for each date will be computed and published as part of the REALTIME_ATP_MONITOR.REALTIME_AVAILABILITY_CHANGE event.

**Note:** The requisite information has been updated in the following Guides:
- *Sterling Global Inventory Visibility: Configuration*
- *Sterling Reverse Logistics: Configuration*
- *Sterling Supply Collaboration: Configuration*
- *Sterling Distributed Order Management: Configuration*
- *Sterling Logistics Management: Configuration*
- *Catalog Management: Configuration*

# Hot Fix 26

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|---|---|
| **Defect ID** | 229269 |
| **Case ID** | 00211491 |
| **Description** | The International Transaction Number (ITN) pop-up window should not be displayed if the ITN number is already populated at the shipment Level. |

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|---|---|
| **Defect ID** | 229853 |
| **Case ID** | 00217319 |
| **Description** | When a user performs the following sequence of actions, in the "Details" screen of any API resources a checkbox is displayed without a label: |

1. Logs in to the application and launches the Applications Manager.
2. Navigates to Platform > Presentation > Resources > Resource Hierarchy.
3. Navigates to Sterling_Supply_Chain_Applications_Console (YFSSYS00004) > Entities > Order.
4. Creates a custom order entity and navigates to the "Details" screen of any API resources of this newly created custom entity.

**Solution:** The "Call in Rollback-only mode" label has been provided for the checkbox. If a user selects the checkbox for an API, the API will not be committed.

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|---|---|
| **Defect ID** | 231023 |
| **Case ID** | 00222468 |
| **Description** | The extended API security templates are not getting picked from the extensions global directory. |

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|---|---|
| **Defect ID** | 231046 |
| **Case ID** | 00224201 |
| **Description** | If the multi-stop feature is enabled and large number of transfer relationship between the stores is configured, the system hangs when a user calls the findInventory API to transfer the stores. |

**Solution:** The system will be able to calculate a direct path between the nodes and stores that have 'NODE_TRASFER_SCHEDULE' configured. There is no multi-stop calculation for other possible routes if a direct path is found. For a direct store to store transfer, an option to override the system-selected route through a user exit is provided.

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|---|---|
| **Defect ID** | 231515 |
| **Case ID** | 00222644 |
| **Description** | If the multi-stop functionality is enabled the routes with single stops are not generated by the system when the findInventory API is invoked. |

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|---|---|
| **Defect ID** | 230631 |
| **Case ID** | 00221222 |
| **Description** | The AlreadyClosedException or IllegalStateException exception is thrown by the Integration Server. |

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|---|---|
| **Defect ID** | 230680 |
| **Case ID** | 00220508 |
| **Description** | When a user performs the following sequence of actions, the system displays an "OMP0005: Invalid Serial number to receive" error message: |

1. Creates an inbound shipment with three shipment lines S1, S2, and S3 for a serial-tracked Item1.
2. Provides the actual serial numbers, SERIAL1, SERIAL2, and SERIAL3, respectively for the three shipment lines created in step 1.
3. Confirms the shipment.
4. Starts the receipt.
5. Navigates to the "Receive Details" screen, and scans the item ID.

   The "Serial Number" pop-up window is displayed.
6. Scans the serial SERIAL3 first.

| | |
|---|---|
| **Defect ID** | 230824 |
| **Case ID** | 00221071 |
| **Description** | The CREATE_COUNT_TASKS_79 agent does not create batches of count tasks. |

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|---|---|
| **Defect ID** | 231403 |
| **Case ID** | 00226205 |
| **Description** | When a user performs the following sequence of actions, the Sterling Mobile application forces a user to deposit the container before suggesting the next container: |

1. Configures a task type to perform Batch Pick, Pick Into Container, Pack While Pick, and System Suggested Containerization.
2. Configures Pick Location Assignment for Batch Pick Activity and associates task type configured in step 1 to the PLA.
3. Creates a shipment, includes the shipment in wave, and releases the wave.
4. Containerizes the wave such that multiple containers are generated for the shipment.
5. Batches the wave.
6. Logs in to the Sterling Mobile application and starts the outbound picking by scanning the Batch#.
7. Picks the inventory into the first container and clicks "Close Case".

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|---|---|
| **Defect ID** | 231433 |
| **Case ID** | 00223699 |

Description | While printing the Pack List, special characters such as German umlauts are not printed correctly because of the UTF-8 encoding. For example, 'Dräger' is printed as 'DrÃ¤ger'.

**Solution:** The character encoding standard for prints is externalized through the 'yfs.encoding.standard.for.prints' property. This property can be used for changing the encoding standard. The default standard set for the property is UTF-8.

**Note:** Use an encoding standard for character set appropriate for your localization language.

# Hot Fix 25

Defect ID | 206324

Case ID | 00105295

Description | The availability of an item is based on the alert raised by the Real-Time Availability Monitor (RTAM). Therefore, when the item-node combination gets locked an alert is raised indicating that the ONHAND quantity available is zero. However, when this item-node combination is unlocked and again the inventory is available, alerts are not raised.

**Solution:** The syncLoadedInventory API is enhanced to delete the Inventory Node Controls while adjusting the inventory supply information. Also, the YFS_Inventory_Activity records should be inserted so that the change is picked up by the RTAM agent and an alert is raised for the availability of an item.

If Inventory Node Controls are removed manually through the manageInventoryNodeControls API, the API should insert records in the YFS_Inventory_Activity to be picked up by the RTAM agent that raises alert. The same is true for manual creation of Inventory Node Controls.

Defect ID | 226463

Case ID | Internal

Description | The application must be enhanced to support Reverse Authorizations. New fields should be exposed in the executeCollection user exit to pass information regarding reversals that must be reported into the system.

Defect ID | 226466

Case ID | Internal

| | |
|---|---|
| Description | The *Sterling Distributed Order Management Configuration Guide* and the *Selling and Fulfillment Foundation:Product Concepts Guide* must be updated with the information about Reverse Authorization. |

**Solution:** Added the following sections in the Selling and Fulfillment Foundation: Product Concepts Guide:

- Reverse Authorization
- Reversal of Authorization
- Authorization Reversal Window
- Configuration Options
- Do Not Reverse
- Reverse When Expired
- Reverse Authorization Settlement Scenarios
- Authorization Amount and Settlement Charge Match
- Expired Authorization
- Authorization Amount and Settlement Charge Differ
- Manual Adjustment of Authorizations

Added the following fields in Table 7-1, of Chapter 7, "Configuring Cross Application Payment Components" of the *Sterling Distributed Order Management Configuration Guide*:

- Authorization Reversal Strategy
- Do Not Reverse
- Reverse When Expired

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|---|---|
| Defect ID | 228448 |
| Case ID | 00204919 |
| Description | When a user performs the following sequence of actions, the unit price of the gift card to be refunded amounts to zero instead of 40 dollars. Due to which the parent sales order again gives a transfer out to the Refund Fulfillment Order (RFO) which is similar to the earlier transfer out: |

1. Creates a new item, Gift_Card without any product class, and adjusts the inventory.
2. Chooses "Create Refund Fulfillment Order Using" option and selects Gift_Card as the Item ID in the Refund panel of Payment Type Details screen for the "Stored Value Card" Payment Type entity.
3. Creates an order with 5 units in each order line and unit cost equals to 20 dollars each. Applies the gift card (Stored Value Card) as the payment mode.
4. Ships the order and creates an invoice for the order.
5. Creates a return for 2 units.
6. Performs the return invoice creation.
7. Calls the processOrderPayments API for the sales order on which a transfer-out happens.
8. Ships and invoices the refund fulfillment order.
9. Calls the processOrderPayments API for the RFO on which a transfer-in happens.
10. Runs the PAYMENT_COLLECTION agent.

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|---|---|
| Defect ID | 229201 |

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|---|---|
| **Case ID** | 00211649 |
| **Description** | The *Selling and Fulfillment Foundation: Javadocs* must be updated to call the YFSOrderRepricingUE user exit by the deleteOrder API. |

## Hot Fix 24

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|---|---|
| **Defect ID** | 226944 |
| **Case ID** | 00202180 |
| **Description** | When a user performs the following sequence of actions in the Applications Manager, the user is not able to add the agent criteria in the 'Time-Triggered Transaction' tab: |

1. Launches the Applications Manager and navigates to Platform.
2. Loads an organization other than the DEFAULT organization.
3. Navigates to Process Modelling > Transactions.
4. Creates a new transaction for the enterprise by extending from an existing abstract transaction and saves it.

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|---|---|
| **Defect ID** | 228322 |
| **Case ID** | 00208634 |
| **Description** | When a user creates a custom JSP referring to an extended HTML file, the system selects the HTML file present in the /template/extn folder instead of selecting the HTML file present in the /global/extensions folder. |

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|---|---|
| **Defect ID** | 229128 |
| **Case ID** | 00214182 |
| **Description** | In the Selling and Fulfillment Foundation application console, the "Order Shipment Item" screen displays interchanged values for the Product Class and Unit of Measure columns. |

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|---|---|
| **Defect ID** | 230074 |
| **Case ID** | 00217675 |

**Description**   When a user performs the following sequence of actions, the application updates the serial-tracked item with blank inventory item information due to which an exception is displayed during packing:

1. Creates a serial-tracked and tag-controlled item, for example, ST01 with the batch number as the tag identifier.
2. Adjusts inventory for ST01 in a pack location with the serial number S1, and the batch number TAG01B1.
3. Creates another serial-tracked item, ST02.
4. Adjusts inventory for ST02 in a pack location with the serial number as S1.
5. Creates a shipment SHIP1 for ST01 with quantity as 1.
6. Scans the shipment at the Pack Station and clicks "New Case".
7. Scans ST01 in the "Item" field and S1 in the "Serial" field.
8. Confirms the shipment SHIP1.
9. Creates a shipment SHIP2 for ST02 with quantity as 1.
10. Scans the shipment at the Pack Station and clicks "New Case".
11. Scans ST02 in the "Item" field and S1 in the "Serial" field.

**Defect ID**   230097

**Case ID**   00219056

**Description**   When a user performs the following sequence of actions, the system does not modify or delete the value of the tag or serial number:

1. Creates an inbound shipment for a serial-tracked item.
2. In the "Shipment Line View Details" screen, enters the serial number and quantity. 3. Ships the shipment.
3. Ships the shipment. The status of the shipment is changed to "Shipment Shipped".
4. Navigates back to the "Shipment Line View Details" screen.

# Hot Fix 23

**Defect ID**   226796

**Case ID**   00047631

**Description**   A new API must be exposed for copying hub rules.

**Solution:** A new copyHubModificationRules API has been provided that copies the status modification from the 'DEFAULT' organization to the called organization for a given process type.

For more information about the copyHubModificationRules API, refer the *Selling and Fulfillment Foundation: Javadocs.*

**Defect ID**   227035, 227036

**Case ID**   Internal

**Description**   The new getAvailableInventory Foundation API for Field Sales Mobile has been introduced. The application has been enhanced to provide the ability to check inventory availability of a model item by specifying a child item or a set of attributes such as style, size, and color.

**Behavior Changes**

In earlier releases, if a customer checked the availability of a model item, information only about the model item was returned. Inventory information about the child items was not included, nor was information provided about the model item as defined by a set of attributes. In Release 8.5, if a customer checks the availability of a model item without specifying the child items or a set of attributes, the inventory information about the model item and all the child items is returned. For more information about the Inventory Availability of Model Items, refer to the *Selling and Fulfillment Foundation: Product Concepts Guide*.

**Defect ID**   227224

**Case ID**   00203697

**Description**   The ModifyItem API creates duplicate records in the YFS_ADDITIONAL_ATTRIBUTE table.

**Solution:**
- The 'AttributeDomainID' and 'AttributeGroupID' attributes will be stamped as 'ItemAttribute' and 'ItemReferenceGroup' respectively for all inserted or updated or deleted operations in the modifyItem API.
- A yfs.manageItem.EnableUpdateOfAdditionalAttribute new property has been introduced in the yfs.properties_ysc_ext. If the yfs.manageItem.EnableUpdateOfAdditionalAttribute property is set to 'Y', the behavior of the manageItem API will be similar to modifyItem API. By default, the value of the property will be 'N'.
- If the 'AttributeDomainID' and 'AttributeGroupID' attributes value are passed as blank, the manageItem API will throw an error.

**Defect ID**   228759

**Case ID**   00209496

**Description**   When a user calls the manageItem API for an enterprise that does not exist on the system, an 'Error Description not available for Error Code "YCM0041_50SP3"' error message is displayed instead of displaying the correct error message.

**Defect ID**   228760

**Case ID**   00212120

**Description**   In the Sterling Business Center, while executing the saved search for certain advanced search criteria the system does not display the correct search results.

**Defect ID**   228834

**Case ID**   Internal

| | |
|---|---|
| **Description** | When the processorderhold agent creates a hold in the first run and resolves the hold before the second run the agent does not create a hold again. |

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|---|---|
| **Defect ID** | 229029 |
| **Case ID** | 00213152 |
| **Description** | When a user implements the beforeShipCartonUE user exit to invoke the changeShipmentContainer API in the 'On Container Pack Process' event, the system throws a 'YFC0009 - Update failed' error message while completing the pack process. |

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|---|---|
| **Defect ID** | 229059 |
| **Case ID** | 00213660 |
| **Description** | When a shipment contains multiple items packed in one container, all the packed items are not passed to the FXRS for international shipments. |

| | |
|---|---|
| **Defect ID** | 229087 |
| **Case ID** | 00208768 |
| **Description** | When the TrackingNumber attribute is passed in the output XML of the YCSreturnShippingLabelUserExit user exit, the 'Return Tracking Number' pop-up window must not be displayed while packing a container. |

| | |
|---|---|
| **Defect ID** | 229119 |
| **Case ID** | 00205207 |
| **Description** | When a user performs the following sequence of actions, the 'Tag Serial Capture' panel is not displayed in the "Shipment Line Detail" screen: |

1. Creates an inbound shipment with ship node as blank.
2. In a shipment adds shipment lines for a serial tracked item, clicks on any shipment line and navigates to the "Shipment Line Detail" screen.

| | |
|---|---|
| **Defect ID** | 229506 |
| **Case ID** | 00213898 |
| **Description** | When a user performs the following sequence of actions, the system throws a null pointer exception: |

1. Creates a container from the "Catalog management" screen.
2. Navigates to Classification, adds a Picking Type classification definition and binds the classification to the Container Category Classification purpose.
3. Creates 'Picking Type' classification hierarchy and selects the Picking Type Classification while creating the container.
4. Clicks "Save".

| | |
|---|---|
| **Defect ID** | 229849 |
| **Case ID** | Internal |
| **Description** | In the Sterling Business Center, a user is not able to create saved search with advanced search criteria for the Pricing Rules. |

| Defect ID | 230154 |
|---|---|
| Case ID | Internal |
| Description | All the documents provided in this hot fix must be updated with the new logo. For the entire set of documents that have new logo go to: |

https://cn.sterlingcommerce.com/
login.jsp;jsessionid=C13366FFC75F463CE281ED62F8088760

# Hot Fix 22

| Defect ID | 201802 |
|---|---|
| Case ID | 00097347 |
| Description | The link to Section 4.2.6, "Defining Transactions" is not working in the following documents: |

- *Catalog Management: Configuration Guide*
- *Sterling Distributed Order Management: Configuration Guide*
- *Sterling Global Inventory Visibility: Configuration Guide*
- *Sterling Logistics Management: Configuration Guide*
- *Sterling Reverse Logistics: Configuration Guide*
- *Sterling Supply Collaboration: Configuration Guide*
- *Sterling Warehouse Management System: Configuration Guide*

**Solution:** In all these documents, the link has been deleted and reference to the "Defining Transactions" section of the *Selling and Fulfillment Foundation: Application Platform Configuration Guide* has been provided.

| Defect ID | 225267 |
|---|---|
| Case ID | 00197393 |
| Description | The *Selling and Fulfillment Foundation: Installation Guide* must be updated with the information about Oracle JDBC driver version. |

Solution: The requisite information has been included in Chapters, "Installing and Configuring Database Tier Software on UNIX/Linux" and "Installing and Configuring Database Tier Software on Windows" in the *Selling and Fulfillment Foundation: Installation Guide*.

| Defect ID | 226869 |
|---|---|
| Case ID | 00195752 |
| Description | The Sterling Business Center application must display the item short description along with item ID in the "Pricing Rule Details" screen. |

**Solution:** The application displays a tooltip for the 'Item' trigger field in the following screens. The tooltip will display the short description of the item in base locale.

- Pricing Rule Details
- Test Pricing
-

| | |
|---|---|
| **Defect ID** | 226917 |
| **Case ID** | 00201290 |
| **Description** | The output XML of the findInventory API does not return the attribute 'RequiredCapacity' attribute (under AdditionalCapacityLimit). |

**Solution:** The output XML of the findInventory API has been modified. The 'RequiredCapacity' attribute (under AdditionalCapacityLimit) has been replaced with the 'Capacity' attribute.

| | |
|---|---|
| **Defect ID** | 228004 |
| **Case ID** | 00208349 |
| **Description** | When a user performs the following sequence of actions, the Item-Based Allocation (IBA) agent applies a "Hold" on the order that is in the "Released" status: |

1. Configures IBA to pick the demands that are in the "Scheduled" status.
2. Configures an order-level hold to apply a "Hold" on an order when the reservation of the corresponding order line changes.
3. Ensures that one order exists in the "Released" status, and another order exists in the "Scheduled" status.
4. Runs IBA.

Solution: The application has been enhanced such that IBA will not process the demands that are in the "Released" status.

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|---|---|
| **Defect ID** | 228112 |
| **Case ID** | 00208407 |
| **Description** | In the "Attribute Management:Create Attribute" screen of the Sterling Business Center, the 'Item Field' drop-down list does not contain all of the extended item fields. |

| | |
|---|---|
| **Defect ID** | 228198 |
| **Case ID** | 00208932 |
| **Description** | When a user performs the following actions, the system throws "WMS00272: Item counted does not match task" exception: |

1. Configures the item classifications for count stregies.
2. Associates the items with the configured item classifications.
3. Creates a count request for the item classifications. 4. Adjusts the inventory for the associated items in a location.
4. Adjusts the inventory for other items that are not associated to these classifications in the location.
5. Releases the count request to create a count task.
6. Performs negative adjustment of inventory to ensure that zero quantity is available for all the items associated with these classifications in the location.
7. Performs record count operation for the count task.

| | |
|---|---|
| **Defect ID** | 228215 |

| | |
|---|---|
| **Case ID** | Internal |
| **Description** | The web.xml file created using the platform buildwar or buildear scripts with "SCUIFwkImpl" as the dependency contains a lot of unnecessary entries that are not required for the Sterling Mobile applications. |

| | |
|---|---|
| **Defect ID** | 208330 |
| **Case ID** | 00127043 |
| **Description** | The *Selling and Fulfillment Foundation: Installation Guide* must be updated with the information about the runtime utilities. |
| | Solution: The requisite information has been updated in the *Selling and Fulfillment Foundation: Installation Guide*. |

| | |
|---|---|
| **Defect ID** | 228436 |
| **Case ID** | Internal |
| **Description** | The copyright statement provided in the minifed javascript files in Sterling Business Center is incorrect. |

| | |
|---|---|
| **Defect ID** | 228513 |
| **Case ID** | 00211190 |
| **Description** | A DB deadlock occurs in the YFS_ORDER_HEADER table, when Item Based Allocation (IBA) agent is run in multi-threaded mode. |

| | |
|---|---|
| **Defect ID** | 228600 |
| **Case ID** | 00211707 |
| **Description** | When a user invokes the getNodeInventory API by passing the PendInQty and PendOutQty attributes in the output XML template for an item for which the inventory is not available in the node, the system throws an "ORA-00936: missing expression error" exception. |

| | |
|---|---|
| **Defect ID** | 228815 |
| **Case ID** | Internal |
| **Description** | The Sterling Multi Channel Fulfillment Suite 8.5 must be certified to support Microsoft Internet Explorer 8.0. |
| | **Solution:** The Sterling Multi Channel Fulfillment Suite 8.5 is certified to support Microsoft Internet Explorer 8.0. |
| | For more information about the supported web browsers for access, see Section "Internet Browser and Plugin Requirements", of the *Selling and Fulfillment Foundation: Installation Guide*. |

| | |
|---|---|
| **Defect ID** | 228997 |
| **Case ID** | 00212809 |
| **Description** | The system allows a pack station user to scan and ship a serial that is not present in a node. |

| **Defect ID** | 229148 |
|---|---|
| **Case ID** | Internal |
| **Description** | The localization issues in the application have been fixed, and the relevant documents have been updated. |

| **Defect ID** | 228811 |
|---|---|
| **Case ID** | 00211919 |
| **Description** | **Solution:** A template for the user data from the database can be configured as follows. - Create directory: |

- Create directory: <INSTALL>\extensions\global\template\authenticator.
- Create a template XML, named "authenticateUser.xml", and place it inside the directory.
- Rebuild resources.jar.
- Recreate EAR/WAR.

# Hot Fix 21

| **Defect ID** | 204604 |
|---|---|
| **Case ID** | Internal |
| **Description** | When a user performs the following sequence of actions, the Item-Based Allocation (IBA) agent applies a "Hold" on the order that is in the "Released" status: |

1. Configures IBA to pick the demands that are in the "Scheduled" status.
2. Configures an order-level hold to apply a "Hold" on an order when the reservation of the corresponding order line changes.
3. Ensures that an order exists in the "Released" status, and another order exists in the "Scheduled" status.
4. Runs IBA.

**Solution:** The application has been rectified such that IBA will not process the demands that are in "Released" status.

| **Defect ID** | 211825 |
|---|---|
| **Case ID** | Internal |
| **Description** | When a user performs the following sequence of actions, the bundle parent line does not display the correct quantity: |

1. Creates a sales order in a drop ship scenario and schedules the order. The order goes into the "Awaiting Chained Order Creation" status.
2. Creates a chained order using the createChainedOrder API. A drop ship purchase order is created.
3. Schedules and releases the purchase order.
4. Cancels some quantity from the purchase order.

| **Defect ID** | 215730 |
|---|---|

| Case ID | Internal |
|---|---|
| Description | When a user performs the following sequence of actions, a wrong inventory demand is created: |

1. Creates a sales order for the parent item and schedules the order

   In a Drop Ship scenario, the order goes to the "Awaiting Chained Order Creation" status.

2. Calls the createChainedOrder API.

   A Drop-Ship purchase order is created and the sales order is moved to the "Chained Order Created" status.

   The purchase order is created for the substitute item, since inventory is available only for the substitute item.

   A demand is created for the substitute item.

3. Schedules the purchase order and releases it.

   The purchase order goes to the "Released" status and the listener to purchase order pipeline will change the status of the Sales Order.

   The demand for the parent item gets updated and the demand for the substitute item becomes zero.

| Defect ID | 226913, 226914, 224808 |
|---|---|
| Case ID | 00171196, 00199075, 00190524 |
| Description | When a user runs the Configuration Deployment Tool (CDT), it does not show differences for the table YFS_GRAPH_UI table for certain records that have 'EventCondition' as the graph type. |

| Defect ID | 226239 |
|---|---|
| Case ID | 00198241 |
| Description | An out-of-memory exception is thrown when a user searches inventory for a node having huge inventory records. |

| Defect ID | 226868 |
|---|---|
| Case ID | 00195751 |
| Description | In the "Test Pricing" screen of the Sterling Business Center application, the 'Item ID' field must be editable. |

| Defect ID | 227203 |
|---|---|
| Case ID | 00204292 |
| Description | A null pointer exception is thrown while completing a count task for a count request created for multiple item classifications through the Selling and Fulfillment Foundation application console. |

| Defect ID | 227279 |
|---|---|
| Case ID | 00204349 |

| | |
|---|---|
| **Description** | In the Selling and Fulfillment Foundation: Javadocs, for the getOrderDetails API the following attributes should not be present in the output XML template: |

- CreditWOReceipt
- ReturnWindow
- IsReturnable

| | |
|---|---|
| **Defect ID** | 227429 |
| **Case ID** | 00204814 |
| **Description** | When a user launches the application through start.jsp, the page is redirected to login.jsp which displays "/login.jsp?ErrorMsg=System_Timeout" message. |

| | |
|---|---|
| **Defect ID** | 227435 |
| **Case ID** | 00195752 |
| **Description** | The getPricingRuleDetails API must be enhanced to display the following attributes in the output XML: |

- TargetItemDesc attribute for the PricingRuleTargetItem element
- ShortDescription and Description attributes for the PricingRuleItem element

| | |
|---|---|
| **Defect ID** | 227837 |
| **Case ID** | 00205360 |
| **Description** | In the Sterling Business Center application when a user opens the "Pricing Rule Summary" screen for a Pricing Rule of 'Item Quantity' type, manually enters a valid item in the 'Item ID' field and tabs out, the Unit of Measure of an item does not get displayed, the Unit of Measure is not stored in the YPM_PRICING_RULE_TARGET_ITEM table and the pricing rule does not get applied. |

| | |
|---|---|
| **Defect ID** | 227839 |
| **Case ID** | Internal |
| **Description** | In the Sterling Business Center application, when a user opens the "Pricing Rule Summary" screen for a Pricing Rule of 'Item Quantity' type or 'Combination' type and enters valid service in the 'Item ID' field and tabs out, an "Invalid Item ID" error message is thrown. |
| | **Solution:** The error message has been changed to "Invalid Item/Service ID", the error message will not be displayed if the valid service ID is entered. |

| | |
|---|---|
| **Defect ID** | 227897 |
| **Case ID** | 00205207 |
| **Description** | The Selling and Fulfillment Foundation application console does not provide an option to enter serial information for a serial-tracked item in the "Shipment Line Details" screen. |

| | |
|---|---|
| **Defect ID** | 227991 |

| | |
|---|---|
| **Case ID** | 00207480 |
| **Description** | When the following conditions are met, the system throws "WMS00002 - No Records Found" exception while creating an inbound shipment: |

1. Configures an enterprise E1 that inherits configuration from DEFAULT and participate with node N1.
2. Configures DEFAULT to participate with node N1.
3. Configures receiving preference for node N1 and DEFAULT.
4. Creates an inbound shipment for E1 with receiving node as N1.

| | |
|---|---|
| **Defect ID** | 228008 |
| **Case ID** | 00207924 |
| **Description** | The system throws an update failed exception when the following APIs are invoked in a sequence and in a single transaction boundary: |

- addToContainer
- changeShipmentContainer
- addContainerToManifest

# Hot Fix 20

| | |
|---|---|
| **Defect ID** | 205208 |
| **Case ID** | Internal |
| **Description** | The application does not move the "Parent Line" of a bundle order to "Shipped" status, even after all the components of the bundle order have been shipped. |

| | |
|---|---|
| **Defect ID** | 207407 |
| **Case ID** | Internal |
| **Description** | A user is not able to release the return order because the scheduleOrder API does not schedule an order that has bundles in which the components of the bundle does not have the correct ratio. |

| | |
|---|---|
| **Defect ID** | 217872 |
| **Case ID** | 00156335 |
| **Description** | For the sendRelease agent if the ship_advice event is active and when a user runs the sendRelease agent for an order that is in 'Released' status which has charges and taxes; it throws an "Invalid Charge Category" exception. |

| | |
|---|---|
| **Defect ID** | 218702 |
| **Case ID** | Internal |

**Description** The *Selling and Fulfillment Foundation: Localizing the Web UI Framework Guide* must be updated with the information about the discrepancy between the application css, Platform, and extjs css files.

Solution: The requisite information has been updated in the *Selling and Fulfillment Foundation: Localizing the Web UI Framework Guide*.

**Defect ID** 221054

**Case ID** 00177322

**Description** The *Selling and Fulfillment Foundation: Customizing the Rich Client Platform Interface Guide* must be updated with the information about template not getting picked up for custom API call on a product screen.

Solution: The requisite information has been included in the Table 10–2 "Namespace Element's Attribute List" of Chapter, "Creating Commands for Rich Client Platform Applications", of the *Selling and Fulfillment Foundation: Customizing the Rich Client Platform Interface Guide*.

**Defect ID** 222325

**Case ID** 00183670

**Description** Authorizations are chosen randomly for charging that may result in mismatch of an authorization and charge amount.

**Solution:** The system will sort the authorizations of a payment by auth expiration date and then looks for authorization whose open authorization amount matches the total charge amount. If the exact match is found, the authorization will be used for charging. If the total charge amount does not match the open auth amount of any of the authorizations, the earliest expiring authorization will be used for charging.

**Note:** The match may not be exact or optimal in some scenarios

**Defect ID** 222461

**Case ID** 00181890

**Description** When a user performs the following sequence of actions, the system creates a Sourcing Rule even if the read only permission is set:
1. Creates a User Group.
2. Navigates to Distributed Order Management > Order Promising > Sourcing and Scheduling > Product being shipped >Sourcing Rules.
3. Sets the read only permission for Sourcing Rules.
4. Logs in to the application and launches the Applications Manager.

**Defect ID** 223222

**Case ID** 00184580

**Description**    When a user calls the scheduleOrder API, the schedule promises differently depending on number of sales orders processed.

**Solution:** A new "Optimize Supply based on Earliest ETA" flag is exposed in Global Inventory Visibility > Inventory Rules > Other Rules. When this flag is checked, demands are matched first to inventory whose ETA is earlier, for example ONHAND supply. When this flag is checked, the rule 'Optimize supply to maximum availability' in IBA rules is over-ridden.

For more information about the new "Optimize Supply based on Earliest ETA" flag, refer Table 3-12 "Other Rules Tab", of the *Sterling Global Inventory Visibility: Configuration Guide*.

| | |
|---|---|
| **Defect ID** | 224039 |
| **Case ID** | 00184664 |

**Description**    When a user performs the following sequence of actions, the verbose trace generated for the findInventory API is very huge (around 10000 lines):

1. Configures the Classification purpose, Classification definition and Classification hierarchy and assigns it to 3 different items.
2. Enables the verbose trace for the findInventory API.
3. Adjusts inventory for the 3 items and calls the findInventory API for the 3 items.

**Solution:** Unnecessary timer logs are removed and the log volume has been reduced, say around 30%.

| | |
|---|---|
| **Defect ID** | 224408 |
| **Case ID** | Internal |

**Description**    The *Catalog Management:Concepts Guide* must be updated with a recommendation to use item based entitlements to exclude a small set of items.

**Solution:** The requisite information has been included in the topic "Customer Entitlement Rules" of the *Catalog Management:Concepts Guide*.

| | |
|---|---|
| **Defect ID** | 225461 |
| **Case ID** | 00190944 |

**Description**    The InstallService does not honor the custom log4jconfig file mentioned in the property 'yfs.log4j.configuration' specified in the customer_overrides.properties. Due to which the documentation merge and template merge log uses the default log4jconfig instead of the custom log4jconfig.

**Solution:** The installation processes or steps such as template merge and documentation merge will consider customer overrides to find log4jconfig.xml.

| | |
|---|---|
| **Defect ID** | 226212 |
| **Case ID** | 00200286 |

**Description**    If the verbose trace is enabled, and if a user runs the Reprocess Error Purge agent, the system throws NullPointerException.

| | |
|---|---|
| **Defect ID** | 226727 |
| **Case ID** | 00200517 |
| **Description** | The system throws "YFC0009: Update failed" exception, when the changeShipmentContainer and getTrackingNoAndPrintLabel APIs are invoked in a single transaction boundary to update a shipment container. |

# Hot Fix 19

| | |
|---|---|
| **Defect ID** | 212661 |
| **Case ID** | 00142336 |
| **Description** | The *Selling and Fulfillment Foundation: Upgrade Guide* must be updated with the information about restoring the system if some step in migration fails. |
| | **Solution:** The requisite information has been included in the Section "Before History and Transaction Migration", in the *Selling and Fulfillment Foundation: Upgrade Guide*. |

| | |
|---|---|
| **Defect ID** | 224685 |
| **Case ID** | Internal |
| **Description** | The *Selling and Fulfillment Foundation: Extending the Database Guide* must be updated with the information about the unsupported Extending Database. |
| | **Solution:** The requisite information has been updated in the *Selling and Fulfillment Foundation: Extending the Database Guide*. |

| | |
|---|---|
| **Defect ID** | 224735 |
| **Case ID** | 00193434 |
| **Description** | A user is able to log in to the application even when the authentication class is returns an exception. |

| | |
|---|---|
| **Defect ID** | 225117 |
| **Case ID** | 00196813 |
| **Description** | When the processorderhold agent creates a hold in the first run, and resolves the hold before the second run, the agent does not again create a hold. |

| | |
|---|---|
| **Defect ID** | 225163 |
| **Case ID** | 00196813 |
| **Description** | When the processorderhold agent creates a hold in the first run, and resolves the hold before the second run, the agent does not again create a hold. |

| | |
|---|---|
| **Defect ID** | 225163 |
| **Case ID** | 00197175 |

| Description | In the multiApi API, when a user calls the getOrderDetails API followed by the changeOrder API for PLANNED_ORDER and its extended document types, the system displays an error message for CHANGE_ORDER_DATE and CHANGE_SRC_CNTRL modification types. |
|---|---|

| Defect ID | 225723 |
|---|---|
| Case ID | 00197684 |
| Description | The getItemAssociations API returns the item associations across the Organization if the item passed in the input XML is not present in the system. |

| Defect ID | 225726 |
|---|---|
| Case ID | 00198323 |
| Description | When a user performs the following sequence of actions, the system throws "An OpenShip Index (542) was not specified" exception: |

1. Creates a returnable item and sets the return label printing at the SKU level.
2. Configures a carrier other than FEDX that integrates with FXRS server to print return labels.
3. Creates freight terms for an enterprise.
4. Creates a shipment with the returnable item. Uses the configured carrier of Step 2.
5. Packs the shipment into multiple containers.
6. Invokes the addContainerToManifest API for a container.

# Hot Fix 18

| Defect ID | 212586 |
|---|---|
| Case ID | 00138777 |
| Description | The *Selling and Fulfillment Foundation: Upgrade Guide* must be updated with the information about reconfiguring the count program.

**Solution:** The requisite information has been included in the Section "Post-Migration Selling and Fulfillment Foundation Configuration Tasks ", in the *Selling and Fulfillment Foundation: Upgrade Guide.* |

| Defect ID | 222539 |
|---|---|
| Case ID | 0171827 |
| Description | The Sterling Multi Channel Fulfillment Suite 8.5 must be certified to support Loftware Print Server 9.7 for its print functionality.

Solution: The Sterling Multi Channel Fulfillment Suite 8.5 is certified to support Loftware Print Server 9.7 for its print functionality.

For more information about supported third-party software, refer to Section "Third-Party Software Requirements", of the *Selling and Fulfillment Foundation: Installation Guide*. |

| Defect ID | 223150 |
|---|---|
| Case ID | Internal |
| Description | The *Business Center: Localization Guide* must be updated with the information about the date format and bundle entries. |

**Solution:** The requisite information has been updated in the *Business Center: Localization Guide.*

| Defect ID | 223469 |
|---|---|
| Case ID | 00171820 |
| Description | The Sterling Multi Channel Fulfillment Suite 8.5 must be certified to support Microsoft Internet Explorer 8.0. |

**Solution:** The Sterling Multi Channel Fulfillment Suite 8.5 is certified to support Microsoft Internet Explorer 8.0.

For more information about supported web browsers for access, refer to Section "Online Documentation Library", of the *Selling and Fulfillment Foundation: Installation Guide.*

| Defect ID | 224330 |
|---|---|
| Case ID | 00189721 |
| Description | If the JMS server goes down and again comes up, the Agent servers are not able to automatically reconnect with the JMS servers. |

| Defect ID | 224566 |
|---|---|
| Case ID | 00193570 |
| Description | If UsergroupId is passed in the ModifyUserHierarchy input XML, the ModifyUserHierarchy API does not honor the Reset="Y" attribute for the UserGroupLists element. |

# Hot Fix 17

| Defect ID | 213542 |
|---|---|
| Case ID | Internal |
| Description | When a user performs the following sequence of actions, and calls the getPossibleSchedule API or the findInventory API, the system displays "Out of Memory" error message: |

1. Configures the Sourcing Rule such that a Procurement Order gets created.
2. Ensures that only partial inventory is available in both Ship Node and the Procurement Node.
3. Passes the "ReqDeliveryDate" attribute that is present in the Overrides element of the input XML such that the "ReqDeliveryDate" attribute falls on a nonworking day and non-transfer date of the Transfer Schedule configuration.

| | |
|---|---|
| **Defect ID** | 214433 |
| **Case ID** | 00132187 |
| **Description** | The "Pack HSDE" screen used for entering data at a high speed from an external device is slow when both client and backend are on WAN (wide area network). |

| | |
|---|---|
| **Defect ID** | 216682 |
| **Case ID** | 00145003 |
| **Description** | In the Sterling Business Center application, the "Item ID Trigger" field must be editable in the "Create Pricing Rule" screen and "Modify Pricing Rule" screen. |

**Solution:** The "Item ID Trigger" field is made editable in the following screens:
- Create Pricing Rule
- Modify Pricing Rule
- Create Coupon
- Modify Coupon

| | |
|---|---|
| **Defect ID** | 218589 |
| **Case ID** | 00167246 |
| **Description** | The application must be enhanced to be able to specify the distance criteria while configuring the Product Sourcing rules and filter out the appropriate nodes based on the distance criteria. |

**Solution:** A new panel has been introduced in the "Shipping Sourcing Rule" screen. Also, a new YFSGetDistanceForNodeListUE user exit has been introduced. The distance passed in the output of the YFSGetDistanceForNodeListUE user exit is used to filter out the appropriate nodes.

| | |
|---|---|
| **Defect ID** | 218662 |
| **Case ID** | Internal |
| **Description** | When a user adds a Delivery Service Option line in an order, the changeOrder API or createOrder API do not honor the quantity passed. |

| | |
|---|---|
| **Defect ID** | 218952 |
| **Case ID** | 00170190 |

| | |
|---|---|
| **Description** | In the *Selling and Fulfillment Foundation: Javadocs*, for the getCompleteItemList API, it is not clearly documented that the CurrentAvailableQty attribute must be passed under Availability in the output template when GetAvailabilityFromCache is passed as N in the input XML. |

**Solution:** The Selling and Fulfillment Foundation: Javadocs has been updated. When GetAvailabilityFromCache is passed as N in the input XML, in the output template, the CurrentAvailableQty attribute must be passed under Availability so that the CurrentAvailableQty attribute is populated in the output XML.

When GetAvailabilityFromCache is passed as N in the input XML, in the output template, only the CurrentAvailableQty attribute is populated under Availability.

| | |
|---|---|
| **Defect ID** | 219001 |
| **Case ID** | 00170804 |
| **Description** | The system must not display the ITN capture pop-up window in the "Pack HSDE" screen, if the shipment that is packed is not an international shipment originating from the United States of America. |

| | |
|---|---|
| **Defect ID** | 222271 |
| **Case ID** | 00180820 |
| **Description** | In the Sterling Business Center application, a user is not able to delete the value after entering it in the "Price List Contains Item" field of the "Basic Price List Search" screen and in the "Target Item Is" field of the "Basic Pricing Rule Search" screen. |

| | |
|---|---|
| **Defect ID** | 222563 |
| **Case ID** | 00183589 |
| **Description** | When a user calls the createOrder API with PaymentDetailsList element for the PaymentMethod element, the system does not honor this list element and ignores the payment details. |

| | |
|---|---|
| **Defect ID** | 222950 |
| **Case ID** | Internal |
| **Description** | While running the LocalizedStringReconciler tool in Export mode, it does not ignore data for YFS_ERROR_CAUSE_ACTION from the YFS_NONLOCALIZED_STRINGS table. |

| | |
|---|---|
| **Defect ID** | 223784 |
| **Case ID** | 00189852 |
| **Description** | When a blank value is passed in the pickup date attribute of the com.yantra.ycs.japi.ue.YCSshipCartonUserExit, the addContainerToManifest API displays "0573 - Ship date must be numeric" error message. |

| | |
|---|---|
| **Defect ID** | 223860 |
| **Case ID** | 00190708 |

**Description**    The "Location Inventory Search" screen times out when a user searches inventory for an enterprise in a node that has high number of inventory records.

**Defect ID**    224020

**Case ID**    00190938

**Description**    In the multiApi API, when a user calls the getOrderDetails API followed by the changeOrder API for PLANNED_ORDER and its extended document types, the system displays an error message.

**Defect ID**    224217

**Case ID**    00188405

**Description**    When a user performs the following sequence of actions to cancel an order, the system displays "YFS10137 : YFS: Order cannot be modified in current status" error message:

1. Creates a sales order, schedules and releases the order.
2. Creates a shipment S1 for the released order.
3. Changes the shipment status to 'Sent To Node'.
4. Clicks "Pack Container".
5. Clicks "New Case", packs the containers and closes the container. The shipment moves to the "Shipment Packed" status.
6. Navigates to the "Order Detail" screen and clicks "Cancel".

# Hot Fix 16

**Defect ID**    216611

**Case ID**    00154792

**Description**    When a user performs the following sequence of actions in the Applications Manager, the Team drop-down list does not display teams of all the organization in the "User Details" screen:

1. In the Applications Manager, navigates to the Platform.
2. Loads an organization other than DEFAULT.
3. Navigates to the User Details > Security > Users, the team defined in the current organization team is only displayed in the Team drop-down list.

**Known Issue:** In the "User Details" screen, the lookup icon will be displayed adjacent to the "Team" field only if the number of entries in the Team drop-down list exceeds 20. Do not use the lookup icon to select the team as it displays incorrect data.

**Workaround:** A user can select a team from the Team drop-down list instead of searching for the team through the search icon.

**Defect ID**    218752

**Case ID**    00169748

| | |
|---|---|
| **Description** | The application must be enhanced to copy the application menu to a custom menu. |

| | |
|---|---|
| **Defect ID** | 221051 |
| **Case ID** | 00177322 |
| **Description** | The *Selling and Fulfillment Foundation: Customizing the Rich Client Platform Interface Guide* must be updated with the information about template not getting picked up for custom API call on a product screen. |

**Solution:** The requisite information has been included in the Chapter, "Creating Commands for Rich Client Platform Applications", in the *Selling and Fulfillment Foundation: Customizing the Rich Client Platform Interface Guide*.

| | |
|---|---|
| **Defect ID** | 221361 |
| **Case ID** | 00178680 |
| **Description** | The *Selling and Fulfillment Foundation: Installation Guide* must be updated with the information about oracle version. |

**Solution:** The requisite information has been included in Chapters, " Installing and Configuring Database Tier Software on UNIX/Linux" and "Installing and Configuring Database Tier Software on Windows" in the *Selling and Fulfillment Foundation: Installation Guide*.

| | |
|---|---|
| **Defect ID** | 221390 |
| **Case ID** | Internal |
| **Description** | The *Selling and Fulfillment Foundation: Customizing the Rich Client Platform Interface Guide* must be updated with the information about masking of sensitive information. |

**Solution:** The requisite information has been included in Chapters, "Rich Client Platform" and "Rich Client Platform General Concepts Reference", in the *Selling and Fulfillment Foundation: Customizing the Rich Client Platform Interface Guide*.

| | |
|---|---|
| **Defect ID** | 221786 |
| **Case ID** | Internal |
| **Description** | The *Selling and Fulfillment Foundation: Upgrade Guide* must be updated with the information about pre-migration preparation task. |

**Solution:** The requisite information has been included in the Chapter, "Upgrading to Release 8.5", in the *Selling and Fulfillment Foundation: Upgrade Guide*.

| | |
|---|---|
| **Defect ID** | 222020 |
| **Case ID** | 00178513 |
| **Description** | When a user logs in to the application as an administrator user, the "User Details" screen takes a long time to open when there are a large number of nodes administered (created) by an organization. |

| | |
|---|---|
| **Defect ID** | 222241 |

| | |
|---|---|
| **Case ID** | 00175586 |
| **Description** | While re-scheduling an order, it does not backorder the transfer order that has been put on hold by IBA for backorder. |

**Solution:** 1500 is provided as pickup status of SCHEDULE.0006 for the "TO_FULFILLMENT" process type. A user must configure 1500 as the pickup status for SCHEDULE.0006 in all the transfer order pipelines after installing the factory setup.

| | |
|---|---|
| **Defect ID** | 222950 |
| **Case ID** | Internal |
| **Description** | While running the LocalizedStringReconciler tool in the Export mode, it does not ignore data for YFS_ERROR_CAUSE_ACTION from the YFS_NONLOCALIZED_STRINGS table. |

| | |
|---|---|
| **Defect ID** | 223949 |
| **Case ID** | 223949 |
| **Description** | The localization issues in the application have been fixed, and the relevant documents have been updated. |

---

# Hot Fix 15

| | |
|---|---|
| **Defect ID** | 201903 |
| **Case ID** | Internal |
| **Description** | While running the Person Info purge agent for purging records from the YFS_PERSON_INFO table that have large number of records, some of the queries that were fired did not use the index on the 'MODIFYTS' column. Due to this, the query's response time was slow. |

| | |
|---|---|
| **Defect ID** | 219430 |
| **Case ID** | 00160294 |
| **Description** | The application must be enhanced to provide an API to create a Carrier Service Pickup Schedules for a node. The only option available is through the configurator. |

**Solution:** The getApplicablePricingRuleList API has been provided to retrieve the list of active promotions.

| | |
|---|---|
| **Defect ID** | 221460 |
| **Case ID** | 00160294 |
| **Description** | The application must be enhanced to provide an API to create a Carrier Service Pickup Schedules for a node. The only option available is through the configurator. |

**Solution:** The 'manageOrganizationHierarchy' and 'getOrganizationHierarchy' APIs have been provided to support creation, updation, deletion, and viewing the Carrier Service Pickup Schedules for a node.

| | |
|---|---|
| **Defect ID** | 221464, 220367 |
| **Case ID** | 00173272 |
| **Description** | In the "Pricing Rule Details" screen, the localized descriptions for Pricing Rule must be provided. |

| | |
|---|---|
| **Defect ID** | 221522 |
| **Case ID** | 00177139 |
| **Description** | The getOrderList API do not query the history table for the extended attributes passed at the order line level. |

| | |
|---|---|
| **Defect ID** | 221604 |
| **Case ID** | 00180909 |
| **Description** | The cursor count keeps increasing when the "System Management Console" screen is left open. |

| | |
|---|---|
| **Defect ID** | 221678 |
| **Case ID** | 221678 |
| **Description** | When migrating extended tables or custom tables, the Configuration Deployment Tool (CDT) registers a "NoSuchMethodException" exception. |

| | |
|---|---|
| **Defect ID** | 222540 |
| **Case ID** | Internal |
| **Description** | References to MySQL must be removed from the *Selling and Fulfillment Foundation: Installation Guide*. |

| | |
|---|---|
| **Defect ID** | 223205 |
| **Case ID** | Internal |
| **Description** | The localization issues in the application have been fixed, and the relevant documents have been updated. |

# Hot Fix 14

| | |
|---|---|
| **Defect ID** | 215708 |
| **Case ID** | Internal |
| **Description** | When the constraints on the Maximum Number of Users that are allowed to work on a count request are specified, the constraints are not getting honored in the context of System Suggested and User Suggested tasks.

The constraints that are specified should be honored. In addition, a different user should not be suggested tasks of a particular count request when a maximum number of users are already working on it. |

| | |
|---|---|
| **Defect ID** | 219077 |

**Case ID**      00170731

**Description**    The monitoring templates are not being picked up from the
`<INSTALL>/extensions/global/*` directory.

**Defect ID**     220490

**Case ID**      00170780

**Description**    When a user performs the following sequence of actions, an YFS10048 YFS: Invalid Node error is registered.

1. Ensures that a service item is associated with a product item.
2. Creates an order for an item.
3. Associates the item with a delivery service item.
4. Ensures that the ShipNode is not passed at the order or the order line level.
5. Invokes multiAPI in which the first API is the generateWorkOrder API and the second API is the changeOrder API such that the changeOrder API passes a valid value for procureFromNode and shipNode at the line level.

**Defect ID**     220602

**Case ID**      00176581

**Description**    When a user performs the following sequence of actions, the application randomly displays incorrect output:

1. Ensures that a bundle parent exists with two "ship together" components in 1:1 ratio.
2. Adjusts inventory such that ten quantities of one component and twenty quantities of the other component are available.
3. Invokes findInventory API for the bundle parent for twenty quantities.

**Defect ID**     220788

**Case ID**      00176926

**Description**    When a user performs the following sequence of actions, the return tracking numbers are not generated and the application does not print the return labels:

1. Creates a returnable item and sets the return label printing at SKU level.
2. Configures a carrier service to print return labels.
3. Creates freight terms for the enterprise.
4. Implements and invokes the YCSreturnShippingLabelUserExit.
5. Creates a shipment with the returnable item. Uses the defined carrier service and freight terms.
6. Packs the shipment into a container.
7. Invokes the addContainertToManifest API for the container.

**Solution:** The application has been rectified to handle the output of the YCSreturnShippingLabelUserExit correctly.

**Defect ID**     221472

**Case ID**      00176293

**Description**   *The Selling and Fulfillment Foundation: JavaDocs* must be updated with the correct description for the "IsManual" flag in the output XML of the changeOrder API.

**Defect ID**   222136

**Case ID**   Internal

**Description**   The localization issues in the application have been fixed, and the relevant documents have been updated.

# Hot Fix 13

**Defect ID**   213166

**Case ID**   00116274

**Description**   The application must be enhanced to support multi-stop transfer.

**Solution:** As part of the enhancement the application will support multi-stop transfer. The enhancement enables the system to calculate all the nodes for which product will travel through as well as compute the expected shipment date and delivery date for individual legs.

The following property is used to define the relationship type for multistoptransfer:

`yfs.MultiStopTransfer=<Releationship Type>` in `yfs.properties`

The properties listed below are used to maintain the cache in the multistoptransfer in `yfs.properties_ysc_ext`:

- `YSCMultiStopTransferCacheManager.object.size` = define the size, customer can override this.
- `YSCMultiStopTransferCacheManager.skipcache` = set this property to true if you want to skip the cache.

The OMPDetermineBestMultistopTransferUE user exit is called by the findInventory, scheduleOrder, getPossibleSchedules, and changeOrder APIs and other promising APIs to get the best route between the DestinationNode and OriginNode locations.

The best route provided by the OMPDetermineBestMultistopTransferUE user exit will be used for calculating the dates and the user exit can be used to determine the best path externally.

Input to the OMPDetermineBestMultistopTransferUE user exit will be the all possible routes between source and destination. The application expects a single best route between two nodes from this user exit. If there is more than one route between two nodes in the output, application will consider only the first route.

**Defect ID**   216339

**Case ID**   00157486

| Description | The *Selling and Fulfillment Foundation: Upgrade Guide* must be updated with the information about the history tables. |
|---|---|

**Solution:** The requisite information has been included in the Chapter, "Upgrading to Release 8.5", in the *Selling and Fulfillment Foundation: Upgrade Guide*.

| Defect ID | 220548 |
|---|---|
| Case ID | 00176293 |
| Description | When a user performs the following sequence of actions, the 'IsManual' attribute is not present in the line charges and header charges elements of the changeOrder API output: |

1. Creates an order.
2. Calls the changeOrder API to add the line charges and header charges to it. Also, the LineCharges and HeaderCharges elements are available in the output template of the changeOrder API.
3. Checks the output of the changeOrder API.

**Note:** The fix is applicable only for the YFS_LINE_CHARGES and YFS_HEADER_CHARGES records, which is created or changed after applying the fix. The existing YFS_LINE_CHARGES and YFS_HEADER_CHARGES records will retain the current value.

# Hot Fix 12

| Defect ID | 212904 |
|---|---|
| Case ID | 00139399 |
| Description | If a user extends the YFSDataTypes.xml and yfsdatatypemap.xml in 7.x version, and upgrades to 8.5 version, the extended YFSDataTypes.xml and yfsdatatypemap.xml are not migrated to the correct location in the 8.5 installation. As a result of this the extensions do not work. |

| Defect ID | 216742 |
|---|---|
| Case ID | 00149932 |
| Description | The getInventorySnapShot API for a ship node provides only ONHAND supply picture which has multiple supplies for an item. It should also provide future inventory picture. |

**Solution:** A new attribute 'GetFutureSupplies' has been introduced in the input xml of the getInventorySnapShot API. If 'GetFutureSupplies' flag is set to Y, the getInventorySnapShot API returns the future inventory picture.

| Defect ID | 217757 |
|---|---|
| Case ID | 00164388 |
| Description | The *Selling and Fulfillment Foundation: Installation Guide* must be updated with the information about the suggested installation command parameters. |

**Solution:** The requisite information has been included in the Chapter, "System Requirements", in the *Selling and Fulfillment Foundation: Installation Guide*.

| | |
|---|---|
| **Defect ID** | 218817 |
| **Case ID** | 00125614 |
| **Description** | The *Selling and Fulfillment Foundation: Installation Guide* must be updated with the information about the supported Oracle version. |

**Solution:** The requisite information has been included in the Chapter, "System Requirements", in the *Selling and Fulfillment Foundation: Installation Guide*.

| | |
|---|---|
| **Defect ID** | 218870 |
| **Case ID** | 00167651 |
| **Description** | When a user performs the following sequence of actions, the "Pack HSDE" screen displays incorrect quantity in the "QuantityToPack" attribute in the "Items" panel: |

1. Creates a shipment with multiple shipment lines for an item.
2. Packs partial quantities of a shipment line into an outbound container.
3. Logs out from the Pack HSDE screen.
4. Re-launches the Pack HSDE screen by clicking on "Pack/Unpack" action in the "Outbound Shipment Details" console to pack the remaining quantities.

| | |
|---|---|
| **Defect ID** | 218936 |
| **Case ID** | 00170663 |
| **Description** | The existing additional attributes of an item in the YFS_ADDITIONAL_ATTRIBUTE table are deleted when the item is saved more than once through the configurator. |

| | |
|---|---|
| **Defect ID** | 218963 |
| **Case ID** | 00169329 |
| **Description** | When a user upgrades from Release 7.5 SP1 to Release 8.5, while saving the details in the configurator for an item, the system displays "YFC0002 : Record does not exist in the database" error message. |

| | |
|---|---|
| **Defect ID** | 219015 |
| **Case ID** | 00170685 |
| **Description** | When a user navigates to the "Global Inventory Visibility" screen and configures "Current Inventory Availability Safety Factor" for ONHAND, the system does not allow the user to set the value of the "SafetyFactorPercentage" as 0. |

| | |
|---|---|
| **Defect ID** | 219765 |
| **Case ID** | 00172671 |

| | |
|---|---|
| **Description** | The *Selling and Fulfillment Foundation: Installation Guide* must be updated with the information about TIBCO EMS 5.0. |

**Solution:** The requisite information has been included in the Chapter, "System Requirements", in the *Selling and Fulfillment Foundation: Installation Guide*.

| | |
|---|---|
| **Defect ID** | 209967 |
| **Case ID** | 00133966 |
| **Description** | The *Selling and Fulfillment Foundation: Installation Guide* must be updated with the information about the supported Oracle version and also mention that the Oracle RAC is supported on 2-node configurations. |

**Solution:** The requisite information has been included in the Chapter, "System Requirements", in the *Selling and Fulfillment Foundation: Installation Guide*.

# Hot Fix 11

| | |
|---|---|
| **Defect ID** | 213066 |
| **Case ID** | 00143596 |
| **Description** | The *Business Center: Pricing Administration Guide* must be updated with the information about the ability to setup the Pricing Rule for Item attributes. |

**Solution:** The requisite information has been included in the following topics of *Business Center: Pricing Administration Guide*:
- Create an Item Quantity Pricing Rule
- Create a Shipping Surcharge Pricing Rule
- Modify the Conditions and Effects of an Item Quantity Pricing Rule
- Modify the Conditions and Effects of a Shipping Surcharge Pricing Rule

| | |
|---|---|
| **Defect ID** | 217947 |
| **Case ID** | 00159175 |
| **Description** | When a user configures the Real Time Availability Monitor, the query that fetches records from the YFS_INVENTORY_ALERTS table using the parameters other than the INVENTORY_ALERT_KEY does not lock the record. Also, while updating the records the "YFC0009-Update failed" error message is displayed. |

| | |
|---|---|
| **Defect ID** | 218038 |
| **Case ID** | 00158720 |
| **Description** | When a user tries packing a child container inside an outbound container at the Pack Station, the system throws "YDM00025: Shipment modification rules do not permit modification of shipment in its current status" error. |

| | |
|---|---|
| **Defect ID** | 218179 |
| **Case ID** | 00164714 |

**Description** When a user performs the following sequence of actions, the application displays "WMS00023: Inventory Status not passed and transition is not specified for blank status" error message:

1. Creates an outbound shipment for a FIFO tracked item I1 with 10 quantities.
2. Creates a wave for the shipment and releases the wave.
3. Completes the task using the Sterling Apps Console by picking complete LPN1 and specifies the target case ID.
4. Deposits it in the Pack location.
5. Navigates to the Pack Station and Clicks "New case".
6. Scans the LPN1 in the SKU field and packs the shipment.
7. Navigates to the Pack station, selects "Unpack" radio button to unpack the shipment.
8. Again scans the LPN1 in the SKU field.

**Defect ID** 218867

**Case ID** Internal

**Description** When a user unpacks multiple child containers from an outbound container that is created for an outbound shipment, the "ORA-936: Missing Expression" error message is displayed.

# Hot Fix 10

**Defect ID** 217194

**Case ID** 00131644

**Description** A user is not able to view the localized description of the value assigned to an item attribute.

**Solution:** The output xml of the getItemListForOrdering API has been enhanced to include the ShortDescription and the LongDescription values for item attribute assigned value.

**Defect ID** 217522

**Case ID** 00161469

**Description** When a user performs the following sequence of actions, the system displays an "update failed" error message:

1. Invokes a service on success of Complete Move Request, and the service calls the addToContainer API.
2. Adjusts inventory.
3. Creates an outbound shipment.
4. Invokes the retrieveShipment API to create retrieval task for an item.
5. Invokes the registerBatchCompletion API.

**Defect ID** 217631

**Case ID** 00163348

| | |
|---|---|
| **Description** | The application should have the "INVENTORY_SORTING" base activity group. |

| | |
|---|---|
| **Defect ID** | 218028 |
| **Case ID** | 00166446 |
| **Description** | The application should support "ON_SUCCESS" event for the CANCEL_TO_SHIPMENT transaction. |

| | |
|---|---|
| **Defect ID** | 197322 |
| **Case ID** | Internal |
| **Description** | When the following conditions are met, the registerTaskCompletion API throws "WMS00014: CaseID/PalletID doesn't exist" error message: |

1. Moves a task to the In-Progress status by picking inventory for an item from a multi-SKU license plate.
2. Moves other SKUs from an LPN such that the LPN is deleted from the system when it is empty.

**Solution:** The ProcessAllTasks and CompleteInprogressTasks flags are exposed in the moveLocationInventory API. This will prevent the auto-completion or auto-cancellation of tasks associated to an LPN when the LPN is deleted from the system after moving inventory.

| | |
|---|---|
| **Defect ID** | 218027 |
| **Case ID** | 00123163 |
| **Description** | The *Selling and Fulfillment Foundation: Customizing the Rich Client Platform Interface Guide* must be updated with information about the capability to switch a locale. |

Solution: The requisite information has been included in the Chapter, "Rich Client Platform", in the *Selling and Fulfillment Foundation: Customizing the Rich Client Platform Interface Guide*.

# Hot Fix 9

| | |
|---|---|
| **Defect ID** | 209169 |
| **Case ID** | 00125801 |
| **Description** | The *Selling and Fulfillment Foundation: Performance Management Guide* must be updated with information about jboss.PRECOMPILE_MAX_MEMORY. |

**Solution:** The requisite information has been included in the Chapter, "Jboss", in the *Selling and Fulfillment Foundation: Performance Management Guide*.

| | |
|---|---|
| **Defect ID** | 214733 |
| **Case ID** | Internal |
| **Description** | In the "Pricing Rule Summary" screen of the Sterling Business Center application, the "Pricing Rule description" field should allow 2000 characters. |

| | |
|---|---|
| **Defect ID** | 215821 |
| **Case ID** | 00154828 |
| **Description** | The *Selling and Fulfillment Foundation: Configuration Deployment Tool Guide* must be updated with information about the CDT "httpurl" attribute. |

> **Solution:** The requisite information has been included in the following chapters of the *Selling and Fulfillment Foundation: Configuration Deployment Tool Guide*:
> - Running the CDT and Setting Up the Preference Settings (GUI-Based)
> - Setting Up the Preference Settings (Text-Based)
> - Configuration Data Versioning Tool

| | |
|---|---|
| **Defect ID** | 215913 |
| **Case ID** | 00154358 |
| **Description** | When a user performs the following sequence of actions, a pop-up window displays the "No open shipment (s) to pack" message: |

1. Logs in to the Selling and Fulfillment Foundation application.
2. Navigates to the "Shipment Details" screen.
3. Clicks "Pack Shipment".
4. In the "Pack" screen, selects pack station.
5. Clicks a new case.
6. Packs the shipment.
7. Clicks "Close Container", to move the container to packed status. A pop-up window displays "pack complete for shipment" message.
8. Clicks "OK.

| | |
|---|---|
| **Defect ID** | 215995 |
| **Case ID** | 00155989 |
| **Description** | When a user performs the following sequence of actions, the system displays wrong timezone: |

1. Logs in to the Selling and Fulfillment Foundation application.
2. Launches the 'Applications Manager'.
3. Navigates to the Platform > Presentation > Locales.
4. Selects 'Canada/Newfoundland' timezone from the timezone selection drop-down. The timezone is displayed in the format, 'GMT-02:-30'. In the timezone displayed, the separator for the hour and minute has an extra hyphen.

| | |
|---|---|
| **Defect ID** | 216182 |
| **Case ID** | Internal |
| **Description** | The RESOURCE_ID SBCITM00104 does not map to the same record in a fresh installation of the Selling and Fulfillment Foundation 9.0 as the one upgraded from Release 8.5. In upgraded environment the RESOURCE_ID SBCITM00104 is mapped to 'Preview_Item_Details' but in the fresh installation of 9.0 the RESOURCE_ID SBCITM00104 is mapped to 'Create_Attribute_Group'. |

| | |
|---|---|
| **Defect ID** | 216216 |
| **Case ID** | Internal |
| **Description** | During HF installation for Release 8.5, sometimes the installation may fail with an Out-Of-Memory error message. |

**Solution:** This issue has been fixed. To further reduce the memory usage during HF installation, a 'SUPPRESS_MUNGE_BACKUP' property with the value as 'true' can be added in the 'sandbox.cfg' file. This skips the creation of the backup files for each script during installation. As this reduces the number of unnecessary files during installation; the memory consumption is further reduced during HF installation.

| | |
|---|---|
| **Defect ID** | 216381 |
| **Case ID** | 00157096 |
| **Description** | In the Selling and Fulfillment Foundation application, when a user modifies an order from the "Order Details" screen, the "Modification Reason" pop-up window is displayed. However, the pop-up window displays the reason codes that belong to all the Enterprises, instead of displaying the reason code of an enterprise to which the order belongs. |

**Solution:** A new 'YMRD999' resource ID is provided for the "Modification Reason" pop-up window, when an order is cancelled from the "Order List" screen of sales order. A user must give appropriate permission for the "Modification Reason" pop-up window, when it is accessed through User Group other than SYSTEM.

| | |
|---|---|
| **Defect ID** | 216615 |
| **Case ID** | 00154799 |
| **Description** | When a user performs the following sequence of actions, the log in fails: |

1. Logs in to the Selling and Fulfillment Foundation application.
2. Navigates to Application > Platform.
3. Creates a Team at DEFAULT.
4. Selects the "All Nodes" option for Ship node access.
5. Creates a user for DEFAULT and assigns the created team to the user.
6. Creates "BAY" Enterprise under DEFAULT.
7. Creates N1 and N2 nodes under BAY.
8. Logs in to the Sterling Store client using the user credentials of the user created for "BAY" enterprise and Node N1.

| | |
|---|---|
| **Defect ID** | 216618 |
| **Case ID** | 00146516 |
| **Description** | When a user performs the following sequence of actions, the "Adjustment Cost" screen in the application do not display the correct adjustment quantity or adjustment cost: |

1. Logs in to the Selling and Fulfillment Foundation application.
2. Navigates to the "Adjust Location Inventory" screen.
3. Enters the reason code and quantity to adjust.
4. Clicks "Adjustment Cost" button in the "Quantity" panel.

| | |
|---|---|
| **Defect ID** | 216623 |
| **Case ID** | 00152526 |
| **Description** | When a user performs the following sequence of actions, system prompts for ITN#: |

1. Logs in to the Selling and Fulfillment Foundation application.
2. Creates an outbound shipment.
3. Navigates to the "Shipment Details" screen.
4. Clicks "Pack Shipment".
5. Clicks "Close Shipment".

| | |
|---|---|
| **Defect ID** | 216830 |
| **Case ID** | 00159579 |
| **Description** | When a user performs the following sequence of actions, the order lines are not displayed in the "Order Detail" screen: |

1. Creates an order with 3 order lines.
2. Purges the order.
3. Navigates to the Order Search.
4. Selects 'history' radio button.
5. Clicks "Search".
6. Clicks on the Order created in the step 1 and navigates to the "Order Detail" screen.

| | |
|---|---|
| **Defect ID** | 216851 |
| **Case ID** | 00158776 |
| **Description** | The 'EnableVerboseGc' and 'EnableHeapDump' property set in the "performance.properties" is not picked up by the agent server or integration server. |

| | |
|---|---|
| **Defect ID** | 217131 |
| **Case ID** | 00157554 |
| **Description** | The Selling and Fulfillment Foundation application should be enhanced to be able to add Store Order Management and Customer Order Management menu groups for the same user. |

# Hot Fix 8

| | |
|---|---|
| **Defect ID** | 212428 |
| **Case ID** | Internal |
| **Description** | If there are multiple colonies and CDT is run for a specific colony, then for some tables, such as YFS_SCAC_EX, YFS_DEVICE_SUB_TYPE and so on, the records are not retrieved for the specified colony. Instead all the records are retrieved. Due to this, CDT fails as the corresponding records in the YFS_ORGANIZATION table are not found as the records do not belong to the specified colony. |

| | |
|---|---|
| **Defect ID** | 213986 |
| **Case ID** | 00144886 |
| **Description** | When session timeout value is changed in the web.xml, it is not affecting the session timeout of a user. |

**Solution:** In Release 8.5, the session timeout value from the YFS_USER table will be overriding the session timeout value in the web.xml. A new context-param `'scui-suppress-user-level-sessiontimeout-override'` has been added to provide an option to ignore the session timeout value from the YFS_USER table.

If the application or customers do not want the session timeout value mentioned in the web.xml to be overridden by the session_timeout column value in the YFS_USER table, then the application or a customer must add the following entry in the web.xml:

```
<context-param>
<param-name>scui-suppress-user-level-sessiontimeout-override
</param-name>
<param-value>y</param-value>
</context-param>
```

**Note:** The requisite information has been included in the section, "Customizing web.xml for Session Timeout", in the *Selling and Fulfillment Foundation Customization Basics Guide*.

| | |
|---|---|
| **Defect ID** | 214232 |
| **Case ID** | 00148325 |
| **Description** | The item configured as a provided service item is not listed in the output of the getPricelistLineList API. |

| | |
|---|---|
| **Defect ID** | 214389 |
| **Case ID** | 00123127 |
| **Description** | The Sterling Business Center application does not allow a user to create a Pricing Rule based on the service items. |

| | |
|---|---|
| **Defect ID** | 214390 |
| **Case ID** | 00123116 |
| **Description** | The Sterling Business Center application does not allow a user to add services into a pricelist. Due to this the price of the services cannot be managed through the Sterling Business Center application. |

| | |
|---|---|
| **Defect ID** | 214931 |
| **Case ID** | 00138249 |
| **Description** | If Install3rdparty utility is used to install a jar having 'ejb' in its name, and EAR is build. The EAR fails to deploy. This happens because during building of the EAR, the jar file is registered as an EJB even though it is just a regular jar. |

| | |
|---|---|
| **Defect ID** | 214960 |
| **Case ID** | 00150150 |

| | |
|---|---|
| **Description** | When a user creates and packs a shipment, navigates to the "Container Details" screen, the details corresponding to the "Description", "Qty", and "Packed qty" fields are moved towards the left of the column. |

| | |
|---|---|
| **Defect ID** | 214973 |
| **Case ID** | 00150930 |
| **Description** | When a user performs the following sequence of actions; system throws the "Not Enough Quantity" exception instead of moving the inventory to the configured inventory status: |

1. Configures a PICK exception under Task Execution Exceptions with "Change inventory status for unavailable quantity" enabled.
2. Adjusts inventory in a location for an item
3. Creates a task to pick the inventory from the location
4. Performs short pick by entering the exception specified in step 1 while executing the task through mobile device using equipment.

| | |
|---|---|
| **Defect ID** | 215395 |
| **Case ID** | 00152690 |
| **Description** | The Selling and Fulfillment Foundation application hangs infinitely when a user attempts to adjust location inventory or while creating a wave. The system displays the "Action can't be performed" pop-up window. |

| | |
|---|---|
| **Defect ID** | 215541 |
| **Case ID** | 00143247 |
| **Description** | The reprocessible exception is not inserted on the database because of another exception which occurs while creating the reprocessible exception.

**Solution:** While creating a new exception, a Unique Exception ID is generated.

When a new Unique Exception ID is generated, another exception occurs while fetching the IP address of the host machine, by default the IP address is set to 127.0.0.1 and proceeds with generation of the Unique Exception ID and exception. |

| | |
|---|---|
| **Defect ID** | 215604 |
| **Case ID** | 00144495 |
| **Description** | When a user runs the CREATE_WAVE_SHIP_GROUP agent, the system displays the "ORA-1841" error.

**Solution**: From SYSDATE, remove the quotes. |

| | |
|---|---|
| **Defect ID** | 215605 |
| **Case ID** | 00154166 |
| **Description** | When a user configures an agent with a service to be executed at the completion of work in the "Agent Criteria Details" screen, the system displays the "YCP0427" error message when the agent is run. |

| | |
|---|---|
| **Defect ID** | 215613 |
| **Case ID** | 00154219 |
| **Description** | The *Selling and Fulfillment Foundation: Release Notes* must be updated with information about conversion of LONGs to CLOBs. |
| | **Solution:** The requisite information has been included in the section, "Miscellaneous Enhancements to Back-End Architecture", in the *Selling and Fulfillment Foundation: Release Notes*. |

| | |
|---|---|
| **Defect ID** | 215807 |
| **Case ID** | 00153606 |
| **Description** | When a user passes the ProcessedAmount, RequestAmount, and ChargeAmount with negative values, and validates against YFS_recordExternalCharges_input.xsd, the validation fails. |
| | **Solution:** The application has been enhanced, the data types of the ProcessedAmount, RequestAmount, and ChargeAmount has been updated to accept negative values during the validation. |

| | |
|---|---|
| **Defect ID** | 215978 |
| **Case ID** | Internal |
| **Description** | When a user performs the following sequence of actions, the getShipmentLineList API throws a null pointer exception: |

1. Creates a Return Order.
2. Releases the Return Order.
3. Creates a shipment for the Return Order and ships the shipment.
4. Calls the getShipmentLineList API with the <ReceiptLines> element in the output template before receiving the Return Order.

| | |
|---|---|
| **Defect ID** | 216246 |
| **Case ID** | Internal |
| **Description** | If a table with history is extended at multiple levels, there is a mismatch in the number of columns in the table and its history table. |

| | |
|---|---|
| **Defect ID** | 216512 |
| **Case ID** | 00123116 |
| **Description** | The *Business Center: Pricing Administration Guide* must be updated with information about the Provided Service Items. |
| | **Solution:** The requisite information has been included in the sections, "Using Item-Based Search", "Basic Price List Search", "Basic Pricing Rule Search", and "Add Items When Testing the Pricing Setup" in the *Business Center: Pricing Administration Guide*. |

| | |
|---|---|
| **Defect ID** | 216513 |
| **Case ID** | 00123127 |

**Description**   The *Business Center: Pricing Administration Guide* must be updated with information about the Provided Service Items.

**Solution:** The requisite information has been included in the following sections in the in the *Business Center: Pricing Administration Guide*:

- Create a Combination Pricing Rule
- Create a Item Quantity Pricing Rule
- Modify the Conditions and Effects of a Combination Pricing Rule
- Modify the Conditions and Effects of an Item Quantity Pricing Rule
- Basic Pricing Rule Search

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# Hot Fix 7

**Defect ID**   201929

**Case ID**   Internal

**Description**   When a tag tracked item having both tag identifiers and tag attributes is packed by scanning tag identifiers the tag attributes are not shown in the container details:

1. Creates an order with tag controlled item and configures tag identifier and tag attributes for the item.
2. Adjusts the inventory in the node (Forward Pick location) with the same batch, lot, revision numbers. Also, ensures to adjust the inventory in the Pack Station with the different batch, lot, revision numbers, so that while packing the tag entry pop-up window will appear.
3. Confirms the order. Schedules the order and releases it.
4. Creates a shipment and adds the shipment to the wave.
5. Assigns lane and releases the wave. A shipment having the tag controlled item in its shipment line will be in "Sent_To_Node" status and the required inventory is available at the Pack Station. Extra inventory for the same item is also available at the Pack Station with a different tag identifier.
6. Navigates to the Pack Station and tries to pack the shipment. The user is prompted to scan the tag identifier for the inventory. After scanning the tag identifier for the inventory the shipment is packed.

**Defect ID**   206526

**Case ID**   Internal

**Description**   The system displays incorrect time in certain time zones that use daylight saving for the dates that fall on the same day when the daylight saving starts or ends.

**Solution:** The application has been enhanced so that the system displays the correct time in different time zones even for the dates when the daylight saving is started or ended.

**Defect ID**   210114

**Case ID**   00134663

| | |
|---|---|
| **Description** | When a user tries to configure "Order Selection Rules" in the "Item Based Allocation Rules" screen, the "Dynamic Condition" radio button is not enabled. |

| | |
|---|---|
| **Defect ID** | 213297 |
| **Case ID** | 00144795 |
| **Description** | If the modified weblogic.xml file is placed in the `<INSTALL_DIR>/extensions` directory, it is not getting used while building the EAR. |

**Solution:** Place the edited weblogic.xml in the `<INSTALL_DIR>/extensions/<package-name>/` directory, where `<package-name>` is the application name; for example, `smcfs`.

| | |
|---|---|
| **Defect ID** | 213382 |
| **Case ID** | 00143722 |
| **Description** | When a user calls the getOrderDetails API and sets the dynamic template of the getOrderDetails API using the file name of the template, the system throws "ClassCastException". |

| | |
|---|---|
| **Defect ID** | 213388 |
| **Case ID** | 00143772 |
| **Description** | If an API template is extended and placed under the `<INSTALL_DIR>/extensions/global/template/api` directory, the extended API template is not being used by the application. |

**Solution:** The application has been enhanced to use the extended API templates that are placed under the `<INSTALL_DIR>/extensions/global/template/api` directory.

| | |
|---|---|
| **Defect ID** | 213790 |
| **Case ID** | 00145939 |
| **Description** | The *Selling and Fulfillment Foundation: Upgrade Guide* must be updated with additional LONG columns that have been changed to CLOB. |

**Solution:** The requisite information has been included in the section, "Post-Migration Selling and Fulfillment Foundation Preparation Tasks", in the *Selling and Fulfillment Foundation: Upgrade Guide*.

| | |
|---|---|
| **Defect ID** | 213833 |
| **Case ID** | 00144243 |
| **Description** | In the windows environment, if some database extension XML is placed in the `<INSTALL_DIR>/extensions/global/entities` directory and dbverify utility is run, the dbverify does not pick the database extension XML. |

| | |
|---|---|
| **Defect ID** | 214022 |
| **Case ID** | 00144336 |

**Description**    When a user migrates from Release 7.5 to Release 8.5, if Oracle database is used and the property NLS_LENGTH_SEMANTICS is set to CHAR, while running dbverify utility, unnecessary alter scripts are getting generated for setting default values of the table columns.

**Defect ID**    214103

**Case ID**    00145830

**Description**    When LDAP authentication is configured, the first attempt to log in to the application fails, whereas the successive attempts pass through.

**Defect ID**    214243

**Case ID**    00143772

**Description**    The *Selling and Fulfillment Foundation: Customizing APIs Guide* must be updated with information about template set in setAPItemplate.

**Solution:** The requisite information has been added to the section, "Defining and Deploying a Static Template for Output XML", section, "Defining and Deploying a Dynamic Template for Output XML", and section, "Sequence of Precedence for Output XML Templates" in the *Selling and Fulfillment Foundation: Customizing APIs Guide*.

**Defect ID**    215371

**Case ID**    Internal

**Description**    The *Selling and Fulfillment Foundation: Installation Guide* and the *Selling and Fulfillment Foundation: Customization Basics Guide* must be updated with information about weblogic.xml is not getting picked from the extensions folder.

**Solution:** The requisite information has been added to the section, "Setting Up WebLogic to Use HTTP In-Memory Session Replication" in the *Selling and Fulfillment Foundation: Installation Guide* and section, "Preparing the Development Environment on WebLogic" in the *Selling and Fulfillment Foundation: Customization Basics Guide*.

**Defect ID**    215434

**Case ID**    Internal

**Description**    The *Selling and Fulfillment Foundation: Customization Basics Guide* must be updated with information about extend output XSLs files.

**Solution:** The requisite information has been added to the section, "Building Resources Extensions" in the *Selling and Fulfillment Foundation: Customization Basics Guide*.

**Defect ID**    215640

**Case ID**    Internal

**Description**    The *Selling and Fulfillment Foundation: Customizing APIs Guide* must be updated with information about extend output XML files.

**Solution:** The requisite information has been added to the section, "Extending an Output XML Template" in the *Selling and Fulfillment Foundation: Customizing APIs Guide*.

# Hot Fix 6

| | |
|---|---|
| **Defect ID** | 182802 |
| **Case ID** | Internal |
| **Description** | The application uses a third-party API to display graphs or charts. After a chart is displayed by the application using the third-party API, a part of the heap memory is never cleared, and is unavailable to the application. This occurs because the third-party API does not release the HTTP response object. |
| | **Solution:** The application has been enhanced to pass a lightweight java.io.ByteArrayOutputStream object to the third-party API. |

| | |
|---|---|
| **Defect ID** | 208062 |
| **Case ID** | 00123166 |
| **Description** | When a user performs the following sequence of actions in an Internet Explorer browser, the "Service Details" screen is not displayed properly. It is displayed only for a short period: |
| | 1. Logs in to Sterling Business Center. |
| | 2. Associates the Delivery service or Provided service with the item, and saves it. |
| | 3. Looks for the item. |
| | 4. In the "Item Details" screen, clicks the "Manage Delivery Services" or "Manage Provided Services" or "Manage Return Pickup Services" hyperlink. |
| | 5. Selects the appropriate check box for any of the associated service. |

| | |
|---|---|
| **Defect ID** | 210231 |
| **Case ID** | 00134904 |
| **Description** | The *Selling and Fulfillment Foundation: Upgrade Guide* must be updated with information that the Extended XSL files are not getting copied while migrating from Release 7.9 to Release 8.5 |
| | **Solution:** The requisite information has been included in the section, "Before History and Transaction Migration", in the *Selling and Fulfillment Foundation: Upgrade Guide*. |

| | |
|---|---|
| **Defect ID** | 210307 |
| **Case ID** | 00133220 |
| **Description** | When the manageVendor API is called to delete an existing vendor, the manageVendor API does not delete the organization modeled as vendor, even if the operation is passed as DELETE. |

| | |
|---|---|
| **Defect ID** | 210428 |
| **Case ID** | 00135506 |

| | |
|---|---|
| **Description** | The *Selling and Fulfillment Foundation: Upgrade Guide* must be updated with information that the relative path of a template in not updated while migrating from Release 7.9 to Release 8.5. |

**Solution:** The requisite information has been included in the section, "Before History and Transaction Migration", in the *Selling and Fulfillment Foundation: Upgrade Guide*.

| | |
|---|---|
| **Defect ID** | 210768 |
| **Case ID** | 00131150 |
| **Description** | The Java Message Service (JMS) which drops messages into an MQ Queue through the JMS Sender service component takes time to generate message ID. The message ID that is generated contains the Internet Protocol (IP) address along with a unique number. Whenever a message ID is generated the system looks for the IP address, because of which delay occurs. |

| | |
|---|---|
| **Defect ID** | 211132 |
| **Case ID** | 00138159 |
| **Description** | The *Selling and Fulfillment Foundation: Customizing APIs Guide* must be updated with information about extend output XML files. |

**Solution:** The requisite information has been added to the section, "Extending an Output XML Template" in the *Selling and Fulfillment Foundation: Customizing APIs Guide*.

| | |
|---|---|
| **Defect ID** | 212211 |
| **Case ID** | 00140691 |
| **Description** | The *Selling and Fulfillment Foundation: Installation Guide* must be updated with information that the supported Oracle configurations are either single-node, or Real Application Clusters (RAC) 2-node. |

**Solution:** The requisite information has been included in the section, "Technical Stack Matrix" in the *Selling and Fulfillment Foundation: Installation Guide*.

| | |
|---|---|
| **Defect ID** | 212700 |
| **Case ID** | 00142403 |
| **Description** | The buildWSUtils.xml file generates the folder name as 3.0 instead of 5.0 for the entities jar location. |

| | |
|---|---|
| **Defect ID** | 212707 |
| **Case ID** | 00142445 |
| **Description** | When the getItemListforOrdering API is called for a product item, the price of the associated service item does not get computed. |

| | |
|---|---|
| **Defect ID** | 213041 |
| **Case ID** | Internal |

**Description**    The item configurator tables are configured for both the Transaction schema and the Master schema in Release 9.0. But in Release 8.5 the item configurator tables are configured for only the Transaction schema. Because of this mismatch, the upgrade from Release 8.5 to Release 9.0 fails.

**Solution:** The configuration has been modified such that the item configurator tables will be configured for both the Transaction schema and the Master schema.

**Defect ID**    213187

**Case ID**    Internal

**Description**    The plist sent to the iPhone applications are not UTF-8 encoded.

**Defect ID**    213212

**Case ID**    213212

**Description**    When a user performs the following sequence of actions, the MINE_PRODUCTIVITY agent throws an "ORA-00933: SQL command not properly ended" error message:

1. Configures the Productivity Type details, ensuring that no Equipment Type is associated under the "Equipment Types" tab.
2. Configures the MINE_PRODUCTIVITY agent.
3. Creates a Move Request and releases it.
4. Completes the Move Request task.

**Note:** A user must ensure that the Task Type has an "Equipment Type" configured, and on completing the task the EQUIPMENT_ID should be stamped in the YFS_TASK table.

**Defect ID**    213502

**Case ID**    Internal

**Description**    When a user performs the following sequence of actions, the count task type is configured as "Suggest multiple tasks and allow users to choose":

1. Creates a count request for a zone and adjusts the inventory in at least three locations of that zone.
2. Releases the count request. Count tasks are created.
3. Logs in to the Sterling Mobile Application.
4. Navigates to the "Count" screen.
5. Clicks "Accept" tasks.
6. Selects a task from the suggested tasks list.
   The system displays the "No open tasks" message.

**Defect ID**    213513

**Case ID**    Internal

**Description**    When a user performs the following sequence of actions, the SHIPMENT_PICKED event is not invoked:

1. Creates a shipment with two lines, L1 and L2.

   Two tasks, T1 and T2, are associated with each shipment.

2. Creates a wave.

3. Assigns a lane.

4. Releases the wave.

5. Completes T1.

6. Navigates to the "Shipment Details" screen and clicks the "Order Number" hyperlink.

   The "Order Details" screen is displayed

7. Ensures that the quantity of L2 is 0 and clicks "Save".

   The order lines get cancelled and the shipment execution status in the "Shipment Detail" screen is displayed as "Pick Completed", but the SHIPMENT_PICKED event of the COMPLETE_TASK transaction is not invoked.

# Hot Fix 5

**Defect ID**    209340

**Case ID**    00128481

**Description**    Whenever a user modifies the yfsdatatypemap.xml file placed under "INSTALL_DIR/extensions/global/template/resource" directory, and on running the command deployer.cmd/deployer.sh -t resourcejar, the system does not incorporate the modified file.

**Defect ID**    208870

**Case ID**    00126661

**Description**    When a user calls the getFulfillmentOptionsForLines API, it does not honor the following scheduling rules:

- Ship Complete

- Line Ship Complete

- Ship From Single Node

- Line Ship from Single Node

Also, the findInventory API provides inconsistent results, if the "Line Ship from Single Node" constraint is enabled in the scheduling rule.

**Defect ID**    209743

**Case ID**    00131673

**Description**    When a user configures the Distribution Group with more than 500 nodes, and runs the Real-Time Availability Monitor agent, the alerts raised for the first 500 nodes contain the correct inventory picture, whereas the alerts raised for the remaining nodes contain an incorrect inventory picture.

**Defect ID**    209964

| | |
|---|---|
| **Case ID** | 00134075 |
| **Description** | The *Selling and Fulfillment Foundation: Installation Guide* must be updated with information that Selling and Fulfillment Foundation supports both Oracle 10g and 11g on either Single node or 2 Node RAC environment. |
| | **Solution:** The requisite information has been included in Section 5.2.3, "Using an Oracle Database Server" and Section 6.5.3, "Using an Oracle Database Server (Windows)" in the *Selling and Fulfillment Foundation: Installation Guide*. |

# Hot Fix 4

| | |
|---|---|
| **Defect ID** | 199910,199913, 203200 |
| **Case ID** | Internal |
| **Description** | A new entity API is required for the Inventory Alert table. |

**Solution:** A new manageInventoryAlerts API has been included in the application. For more information about the manageInventoryAlerts API, refer to the corresponding section in the Sterling JavaDocs. In addition, the DISTRIBUTION_RULE_ID field and the IS_DEFAULT_DISTRIBUTION_GROUP field have been added to the YFS_INVENTORY_ALERTS table. The manageInventoryAlerts API will invoke the same event as the Real-Time Availability Monitor agent when a create or update operation is successful.

- The manageInventoryAlerts API will update the IS_DEFAULT_DISTRIBUTION_GROUP field in the YFS_INVENTORY_ALERTS table to "N" instead of the Real-Time Availability Monitor updating this field to "Y".
- From the output of the event, the user will be able to differentiate between the event raised by the Real-Time Availability Monitor and the manageInventoryAlerts API by using the value of the "IsDefaultDistributionGroup" attribute. If the record was inserted by the manageInventoryAlert API, the value of the "IsDefaultDistributionGroup" attribute will be passed as "N". A blank value or "Y" indicates that the record was updated or created by the Real-Time Availability Monitor.
- DistributionRuleId is a mandatory field for all the operations that use the manageInventoryAlerts API.

| | |
|---|---|
| **Defect ID** | 199928 |
| **Case ID** | Internal |
| **Description** | The order lines get scheduled instead of backordered, when a user creates an order in which the Requested Cancel Date (RCD) is less than the Requested Ship Date (RSD) at the order header level, and the RCD and RSD are not passed at the order line level. |

| | |
|---|---|
| **Defect ID** | 207693 |
| **Case ID** | 00121788 |

| Description | The *Selling and Fulfillment Foundation: Customizing APIs Guide* must be updated with information about extending an output XML files. |
|---|---|

**Solution:** The requisite information has been added to the Section, "Extending an Output XML Template" in the *Selling and Fulfillment Foundation: Customizing APIs Guide*.

| Defect ID | 208218 |
|---|---|
| Case ID | 00126662 |
| Description | The extended template for Rich Client Platform is not getting picked from the `<INSTALL_DIR>/extensions/global/template/<pluginID>/<formID>/namespaces` folder. |

**Solution:** The template extensions will be picked from the `<INSTALL_DIR>/extensions/global/template/<pluginID>/<formID>/namespaces/<template_name>.xml`.

| Defect ID | 208315 |
|---|---|
| Case ID | 00116038 |
| Description | When a user changes the header level attribute of a shipment having bundle items and if the shipment has been created for an order that has workorder, the changeShipment API throws "Either Work Order Key or Work Order Appointment Key incorrect" error message. |

| Defect ID | 208424 |
|---|---|
| Case ID | 00127356 |
| Description | In Business Center, when a user adds provided services for an item, in the "Service Search" pop-up window of the "Manage Provided Services" screen, the provided services that has the "Is Return Service" attribute checked are disabled. |

| Defect ID | 208729 |
|---|---|
| Case ID | 00128581 |
| Description | The dbverify script does not generate the SQL scripts when an extension XML is placed under the `<INSTALL_DIR>/extensions/global/entities` folder. |

| Defect ID | 208903 |
|---|---|
| Case ID | Internal |
| Description | In 18F WMS system test scenario, the outbound execution related queries on YFS_TASK table take a long time to execute. |

**Solution:** Two new indexes have been added to the task table.

# Hot Fix 3

| Defect ID | 203566 |
|---|---|

| | |
|---|---|
| **Case ID** | Internal |
| **Description** | Attempts to use PLT_DB_COLONY result in an exception with the PLT058 error code.

**Solution:** A new column "STATUS" has been added to table PLT_DB_COLONY. If status of this colony is not null, any attempt to use that colony will result in exception with error code PLT058. |
| **Defect ID** | 203716 |
| **Case ID** | Internal |
| **Description** | The system responds slowly when a user attempts to view the inventory for a known receipt during an inbound process. This is because the database views for fetching the inventory picture are not tuned to handle Receipt as the input criteria. |
| **Defect ID** | 205068 |
| **Case ID** | Internal |
| **Description** | An error message "The statement is too long or too complex" error message is thrown by the system, when a user performs putaway of a preassigned task in a system or load test scenario. |
| **Defect ID** | 206390 |
| **Case ID** | Internal |
| **Description** | While running the 18F WMS system test scenario, most of the pick users fail with 952 errors. |
| **Defect ID** | 206602 |
| **Case ID** | Internal |
| **Description** | If the input XML of the manageWave API contains ComplexQuery as a child element, in such scenario the manageWave API layer throws a security exception error. |
| **Defect ID** | 208054 |
| **Case ID** | Internal |
| **Description** | The security vulnerability issue with respect to online help needs to be resolved. |

## Hot Fix 2

| | |
|---|---|
| **Defect ID** | 162863 |
| **Case ID** | Internal |
| **Description** | In the "Group Details" screen of the Applications Manager, the Warehouse Management Permission tab is displayed twice. |
| **Defect ID** | 192457 |

| | |
|---|---|
| **Case ID** | Internal |
| **Description** | In the "Organization Details" screen pertaining to a node in the Applications Manager, duplicate reason code values are getting populated in the "Inventory Adjustment Reason Codes" drop-down list. |

| | |
|---|---|
| **Defect ID** | 192948 |
| **Case ID** | Internal |
| **Description** | When an enterprise user manifests a container belonging to a node of a different colony, the application does not display the manifest number as the default in the "Add To Manifest" screen in the Sterling Warehouse Management System. |

| | |
|---|---|
| **Defect ID** | 194010 |
| **Case ID** | Internal |
| **Description** | An "Invalid Shipment" exception is thrown when starting a new receipt for a shipment that is in the Receipt Closed status. |

| | |
|---|---|
| **Defect ID** | 196530 |
| **Case ID** | Internal |
| **Description** | An OutOfMemoryError occurs when the createBatchForReferences API is invoked with a template in which the TaskReferences element is placed as a child to the Batch element. |

| | |
|---|---|
| **Defect ID** | 197616 |
| **Case ID** | Internal |
| **Description** | In the "Resource Planning Details" screen in the Sterling Warehouse Management System, the table column header displays " " for the first column. The table column header must be blank. |

| | |
|---|---|
| **Defect ID** | 198100 |
| **Case ID** | Internal |
| **Description** | When counting an existing LPN or a new LPN, a null pointer exception is thrown if a user skips the LPN scan in the "Count Criteria" screen in the Sterling Mobile Application, but scans the LPN in the "Inventory" screen. |

| | |
|---|---|
| **Defect ID** | 199093 |
| **Case ID** | Internal |
| **Description** | On clicking the "Index of all Tables and Views" link in the "Entity Relationship Diagram" homepage, a "Page Not Found" error message is displayed. |

| | |
|---|---|
| **Defect ID** | 199191 |
| **Case ID** | Internal |

| | |
|---|---|
| **Description** | The recovery process for the Catalog Search Index Build agent does not work. When an error occurs during the index build process, and the index trigger goes into error status, the Catalog Search Index Build agent cannot reprocess the search index trigger. |
| | **Solution:** Create a new search index trigger. |

| | |
|---|---|
| **Defect ID** | 199251 |
| **Case ID** | Internal |
| **Description** | Context-sensitive help is not working for the following screens in the Sterling Warehouse Management System:<br>• Shipment Profile List<br>• Define Standard Capacity<br>• Resource Planning |

| | |
|---|---|
| **Defect ID** | 199267 |
| **Case ID** | Internal |
| **Description** | Context-sensitive help is not working for the "Print" dialog box in the "Print SKU" Labels screen in the Sterling Warehouse Management System. |

| | |
|---|---|
| **Defect ID** | 199399 |
| **Case ID** | Internal |
| **Description** | Appendix B, "Menu-Level Customization of the Mobile Application" of the *Selling and Fulfillment Foundation: Mobile Application User Guide* is not available in the Local Documentation Library. |

| | |
|---|---|
| **Defect ID** | 200586 |
| **Case ID** | Internal |
| **Description** | In the "Customer List" panel of the "Customer Search" dialog box in Business Center, if the records span across multiple pages, and you navigate to the next page, the list of customers displayed in the subsequent pages is always the same as that displayed on the first page. |

| | |
|---|---|
| **Defect ID** | 200854 |
| **Case ID** | Internal |
| **Description** | In the "Add Items to Price List" screen in Business Center, if you click either "Add All Items in Search Results" or "Add All Items in Category", only the items displayed in the current page are added to the price list. |

| | |
|---|---|
| **Defect ID** | 200892 |
| **Case ID** | Internal |
| **Description** | In the "Index List" panel of the "Item Catalog Index List" screen in Business Center, search indexes generated for seller organizations other than the one that is being administered by you are also displayed. |

| | |
|---|---|
| **Defect ID** | 201023 |

| Case ID | Internal |
|---|---|
| Description | If you are using Microsoft Internet Explorer, and you click "Show Price" in the "Test Pricing" screen in Business Center, the Line Charges/Discount Breakup details are not displayed under the "Pricing Results" panel. |

| Defect ID | 201046 |
|---|---|
| Case ID | Internal |
| Description | While viewing the "Price List Summary" screen in Business Center, an exception may be displayed if the server does not respond in time.<br><br>**Solution:** Reload the Price List Summary screen. |

| Defect ID | 201069 |
|---|---|
| Case ID | Internal |
| Description | When building an EAR file with Web services on IBM WebSphere 6.1, the system throws a "NoClassDefFoundError". |

| Defect ID | 201079 |
|---|---|
| Case ID | Internal |
| Description | The copyPricelist throws an "ORA-12899: value too large for column" error when trying to copy price lines, and the managePricelistHeader throws an "ORA-12899: value too large for column" error when adding price list lines for the items in the catalog. These errors are caused only when the length of the primary key exceeds 24 characters. |

| Defect ID | 201092 |
|---|---|
| Case ID | Internal |
| Description | The "Wave Summary" screen in the Sterling Warehouse Management System blanks out during a high concurrency scenario in a warehouse because the query on the database times out. |

| Defect ID | 201170 |
|---|---|
| Case ID | Internal |
| Description | When calling the syncLoadedInventory API with InsertInventoryItem set to "Y", the system may throw an error because the generated InventoryItemKey may exceed 24 characters. |

| Defect ID | 201171 |
|---|---|
| Case ID | Internal |
| Description | When assigning attributes and attribute values to a category, the system may throw an error for child categories and items if the generated primary keys exceed 24 characters. |

| Defect ID | 201547 |
|---|---|
| Case ID | Internal |

**Description** On releasing a wave, when some outbound tasks already exist from the same source for the same item, multiple inventory records get created with different inventory statuses, one of which has blank inventory status. This will show incorrect pend out quantity in the "Location Inventory" screen in the Sterling Warehouse Management System.

**Defect ID** 201574

**Case ID** Internal

**Description** When the adjustment reason code has location preference (adjustment sequence of locations) associated to it, and one of the locations in the sequence does not have the inventory, negative adjustment causes inventory picture mismatch between the Warehouse Management System and the Order Management System because the Order Management System-side inventory picture gets updated wrongly. Inventory audits are also wrong.

**Defect ID** 201648

**Case ID** Internal

**Description** An error message is displayed if you enter a description containing more than 100 characters in the following boxes in Business Center:

- In the "Coupon Description" box in the "Coupon Summary" screen.
- In the "Pricing Rule Description" box in the "Pricing Rule Summary" screen.
- In the "Long Description" box in the "Primary Information" screen of an item.
- In the "Long Description" box in the "Add Asset" dialog box.
- In the "Long Description" box in the "Asset Detail" area of the "Assets" screen.

**Defect ID** 201651

**Case ID** Internal

**Description** After a service is created with an effective end date, you cannot use a calendar to select a new effective end date beyond the original effective end date.

**Defect ID** 201745

**Case ID** Internal

**Description** A node user cannot view the alerts pertaining to any other node even if the user has access to those nodes.

**Defect ID** 202025

**Case ID** Internal

**Description** You cannot deploy two EAR files of Selling and Fulfillment Foundation, Release 8.5 on one application server.

**Defect ID** 202599

**Case ID** Internal

| | |
|---|---|
| **Description** | When running on DB2, the Person Info Purge agent may throw a SQL exception. |

| | |
|---|---|
| **Defect ID** | 202796 |
| **Case ID** | Internal |
| **Description** | When the new Data Access Policy is enabled in the Applications Manager, a node user cannot perform the following tasks: |

- Manual count using the Sterling Mobile Application.
- Create count request across enterprises in the Sterling Warehouse Management System.

| | |
|---|---|
| **Defect ID** | 203118 |
| **Case ID** | Internal |
| **Description** | When running on DB2, the Shipment Purge agent throws an SQL exception. |

| | |
|---|---|
| **Defect ID** | 203145 |
| **Case ID** | Internal |
| **Description** | When the getUserHierarchy API is called for a user with a team, the server goes into an infinite loop. |

| | |
|---|---|
| **Defect ID** | 203270 |
| **Case ID** | Internal |
| **Description** | Section 2.1, "Technical Stack Matrix" and Table 2-3, "Supported Database Tier" of the *Selling and Fulfillment Foundation: Installation Guide* state that Oracle is supported on 2-node and 3-node configurations. This is incorrect. Oracle is supported only on 2-node configurations. |

| | |
|---|---|
| **Defect ID** | 204064 |
| **Case ID** | Internal |
| **Description** | The system responds slowly when a user attempts to view serial-tracked inventory. This is because the getNodeInventory API fetches records for both serial-tracked inventory and non-serial-tracked inventory by firing a complex database query and cropping the results to display only the serial-tracked items. |

| | |
|---|---|
| **Defect ID** | 204126 |
| **Case ID** | Internal |
| **Description** | Table 2-9, "Supported Operating Systems" of the *Selling and Fulfillment Foundation: Installation Guide* lists Windows 2008 and Windows Vista as the supported operating systems for installing the Rich Client Platform (RCP). This is incorrect. Windows XP and Windows Vista are the supported operating systems. |

| | |
|---|---|
| **Defect ID** | 204386 |
| **Case ID** | Internal |

| Description | When the receiving task is performed using the Sterling Mobile Application, and a user receives a case, the system throws an "Invalid XML Returned from Host" error message because the Sterling Mobile Application sends a malformed request to the server. |

| Defect ID | 204902 |
| Case ID | Internal |
| Description | The *Sterling Warehouse Management System: Configuration Guide* must be updated with information about the tasks that an Enterprise user cannot perform.<br><br>**Solution:** The requisite information has been added to Section 15.3, "Configuring Users" of the *Sterling Warehouse Management System: Configuration Guide*. |

| Defect ID | 205066 |
| Case ID | Internal |
| Description | When an enterprise consumes inventory from vendors, on releasing a wave containing shipments belonging to the enterprise, the same LPN is suggested for tasks of type Replenishment or Outbound Pick. |

| Defect ID | 205087 |
| Case ID | Internal |
| Description | When the new Data Access Policy is not enabled, in the Sterling Warehouse Management System, a node user is able to select another node and view the transactions in it. |

# Hot Fix 1

| Defect ID | 203626 |
| Case ID | Internal |
| Description | The Web UI Framework's backend must be enhanced with the capability to support requests from an iPhone client.<br><br>**Solution:** The Web UI Framework's back-end logic has been enhanced to handle requests from an iPhone client. To enable requests from an iPhone client, utility methods such as getPlistFromXML and getXMLFromPlist have been provided in the "SCPlistXmlUtils" class for converting property list (Plist) files to XML and XML to Plist.<br><br>For Apache Struts action, the SCUIPlistXAPIMashupAction class and the SCUIPlistXAPIAggregatorMashupAction class are provided to invoke XAPIs for handling Plist input from iPhone clients. |

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