Sterling Selling and Fulfillment Foundation

Fix Pack Release Notes

Fix Pack 9.1.0.52

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Contents

In This Fix Pack

This fix pack contains IBM® Sterling Selling and Fulfillment Foundation software fixes.

Installation Information

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

Prerequisites

Before you begin installing this fix pack, complete these prerequisites:

- If you are a new customer:
  - Install Sterling Selling and Fulfillment Foundation Release 9.1 before you install this fix pack. For information about installing Release 9.1, see the installation information on http://publib.boulder.ibm.com/infocenter/sfsf/v9r1/index.jsp.
  - Follow the "Fix Pack Installation Procedure" below.
- If you are an existing customer, follow the "Fix Pack Installation Procedure" below.

Fix Pack Installation Procedure

This fix pack is available on the Sterling Commerce® Customer Center and on IBM Fix Central at http://www-933.ibm.com/support/fixcentral/.

The fix pack installation instructions file, `Fix_Pack_Installation.txt`, is included in the fix pack download.

Defects Addressed In This Fix Pack

The following defects have been addressed in this fix pack to Sterling Selling and Fulfillment Foundation, Release 9.1. As fix packs are released, they will be listed cumulatively here.

Fix Pack 52

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Defect ID	381905
Case ID	17676.379.000
Description	findInventory API does not show correct availability date at the ship node when a user performs the following sequence of actions:

1. Configures procurement rule between two nodes.
2. Configures node transfer schedule between the nodes such that override transit days is set to zero for weekdays for the procurement node.
3. Ensures inventory is available at the procurement node for a future date.

Defect ID	389895
Case ID	76730,023,724

Description A deadlock is observed in the YFS_INVENTORY_ITEM table, when a user performs the following sequence of actions:

1. Creates 7 items such that they are always tag-controlled and configures the lot number as the tag identifier.
2. Creates a synchronous service with the JMS sender component to put messages in a queue.
3. Creates an asynchronous service with the JMS Receiver component having 5 threads and listening to the queue, which then calls the reserveAvailableInventory API.
4. Adjusts inventory for the items at the ShipNode of choice, and provides the lot number.
5. Places 5 or more JMS messages into a queue.
6. Starts the integration server.

Defect ID 381419

Case ID 71827,019,866

Description The getResourcePoolCapacity API produces "java.lang.StringIndexOutOfBoundsException" exception, when a user performs the following sequence of actions:

1. Configures two region schemas with same FromZipCode and toZipCode and associates the schemas with a node.
2. Calls the getResourcePoolCapacity API with PersonInfo details, to look up the zip code.

Defect ID 387241

Case ID 37187,999,616

Description The system retains a Manifest Key and Manifest Number of a load on the shipment, when user performs the following steps to remove shipment from the load:

1. Adds shipment S1 to the load L1.
2. Opens a manifest.
3. Adds the load L1 to the manifest and sets IsExpInclInManifest=Y.
4. On the Load Details screen, navigates to Select shipment S1 -> Remove shipment S1 from Load L1.

The shipment retains the manifest information of the load. This behavior prevents the shipment from being added to a new load. Additionally, the system does not allow Standard Carrier Alpha Code (SCAC) to be modified for the shipment.

Solution: When a shipment is removed from a load with open manifest, the information pertaining to the manifest is removed from the YFS_SHIPMENT table.

Defect ID 365660

Case ID 76685,057,649

Description Product configurator must be enhanced to skip rule firing for a node (and its sub-tree) that is not selected.

Solution: Two new properties CONFIG: ON UNSELECT SKIP CHILD RULE AND CURR RULE FIRING and CONFIG: ON UNSELECT SKIP CHILD RULE FIRE BUT FIRE CURR RULE have been introduced.

- If the property CONFIG: ON UNSELECT SKIP CHILD RULE AND CURR RULE FIRING is set to true for an option class, and if that option class is not selected, then the rules attached to the option class and the rules attached to its sub-tree are not fired.
- If the property CONFIG: ON UNSELECT SKIP CHILD RULE FIRE BUT FIRE CURR RULE is set to true for an option class, and if that option class is not selected, then the rules attached to the option class are fired, but the rules attached to its sub-tree are not fired.

Note:

- The rule firing order is not modified to fire rule for an unselected option class. For example, if a rule is fired at a later stage of rule traversal, and the rule selects an option class (OC1) which is already parsed and has one of the preceding properties set (and therefore the rules were not fired during the parsing), the selection because of the current rule does not trigger rule firing for option class (OC1).
- The decision to fire a rule is not made dynamically. Therefore, do not assign the new properties or dynamically modify the properties.

Defect ID 386284

Case ID 22374,999,760

Description The com.ibm.db2.jcc.amSqlException error is displayed when a user completes the following steps:

1. Logs in as node user.
2. Navigates to Task > Task Console.
3. Searches tasks using the 'By Task type' field.
4. Selects OrderPick Task and performs a search. The system generates a long and complicated SQL statement, which results in the error.

Solution : The length of the SQL statement is reduced.

Defect ID 393042

Case ID 76685,057,649

Description The Sterling Configurator: Application Guide must be updated with information about the following properties:

- CONFIG: ON UNSELECT SKIP CHILD RULE AND CURR RULE FIRING
- CONFIG: ON UNSELECT SKIP CHILD RULE FIRE BUT FIRE CURR RULE

Solution: The required information is provided in the *chapter 15 Definitions for Out-of-the-box Configurator Properties* of the *Sterling Configurator: Application Guide*.

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Defect ID	374950
Case ID	54424,49R,000
Description	When a user marked as an Enterprise User, invokes getOrderLineList API, unwanted EXIST clause in the select query on YFS_ORDER_LINE table degrades performance.

Defect ID	370692
Case ID	54173,49R,000
Description	Realtime Availability Monitor (RTAM) must monitor availability at additional ship nodes along with those in the Distribution Group. **Solution:** YFSGETOverriddenDGForItemUE User exit is enhanced for additional ship nodes, RTAM can monitor availability at the additional nodes. **Note:** *For more information about the enhancement, refer to the YFSGETOverriddenDGForItemUE user exit java docs.*

Defect ID	371429
Case ID	54903,49R,000
Description	Realtime Availability Monitor (RTAM) must process bundles and components in parallel in the activity based mode. **Solution:** RTAM is enhanced to enable addition of activity for the related bundle parent items during the monitoring of a component, to avoid duplicate work from the threads processing the component. The activities of the parent or related items are processed during subsequent get jobs of RTAM. **Note:** There is no backward compatability for this fix and there will be behavior change for bundles and related Items in RTAM activity based mode. **Limitation of this fix:** Additional trigger of RTAM in activity based mode may be needed for the processing of bundle parents and the related items, if get Jobs happens before activities get inserted for the parent and the related items.

Defect ID	356164
Case ID	34805,379,000
Description	At DST (Daylight Saving Time) switch, the Date-Time conversion from one timezone to another timezone is not working as expected.

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Defect ID	380951
Case ID	08081,057,649

Description   When sales order is paid with Gift Card payment type and line is cancelled, the Refund Fulfillment Order (RFO) is not getting generated.

Solution: System should create RFO as per this configuration. The user has to perform the steps mentioned here:

1. Configure Gift Card payment type and configure refund through RFOs (Refund Fulfillment Order).
2. Create an order with the some order total.
3. Pre-charge order total through Gift Card payment type.
4. Run requestCollection api.
5. Cancel the order.
6. Run requestCollection api.

Defect ID   381182

Case ID   08214,057,649

Description   managePricelistLine API is Calling YFS_OBJECT_LOCK production Impacted. when the user performs the following steps:

1. Configuration (if issue happens in a specific configuration): NA
2. Condition: NA
3. Operation (or s/w component): NA

Solution: The object locking done for the managePricelistLine API is removed now.

Defect ID   377468

Case ID   59398,442,000

Description   Executing shortOrder API does not prevent further receiving. when the user performs the following steps:

1. Configuration: Enable shorting at Line, Order, Order Release, Release Line in the Supply Collaboration >Document Specific>Purchase Order>Fulfillment>Order Modification Rules.
2. Condition: NA
3. Operation (or s/w component) : Create a purchase order for 100 quantities. Now receive partial quantity say 50 quantities. Call shortOrder API for the remaining amount, so received quantity will be 50 and shorted quantity will be 50. Now try to receive additional quantity, say 10 more quantities.

Defect ID   370879

Case ID   54206,49R,000

Description   Need Additional Item Classifications for Sourcing purposes.

Solution: Four new Item Classifications for Sourcing Purposes has been introduced. Currently we have only three Item Classifications after this fix we have seven Item Classifications.

Defect ID   370708

Case ID   Internal

Description The changeShipment API should allow changing of ShipToAddress for a shipment after it is included in load, if it is the only shipment added to the load

Solution: After this enhancement modification of the shipment's ship to address would be allowed for loads having single shipments only. System will continue to throw error if shipment's ship to address modification is tried on a load which has multiple shipments.

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Defect ID 364479

Case ID 47821,082,000

Description The system does not consider the pend-in quantity of items for putaway move request to release a wave.

Solution: The pend-in quantity of items is also considered for putaway move requests to release a wave if the or items without dedicated locations dynamically slot a location from the zones listed above field is selected in the Configurator. The *Sterling Warehouse Management: Configuration Guide* is updated with the required information.

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Defect ID 377642

Case ID 22225,999,760

Description For a task created at the LPN level, whenever a user views the task detail screen, an alert is generated. This alert is added to the YFS_INBOX table and can be viewed on the Alert Console.

Fix Pack 47

Fix Pack 9.1.0.47

Defect ID 375167

Case ID 22555,999,760

Description While performing putaway to non-suggested location, the system must also move the inventory with its valid attributes.

Defect ID 375917

Case ID 11525,082,000

Description The performance of releaseWave and releaseMoveRequest APIs is very slow when accessing inventory of an item in the YFS_NODEINVENTORYDTL_VW view.

Solution The system filters the items in pending state with the corresponding node key instead of only the pending location.

Defect ID	318973
Case ID	00383744
Description	The performance of releaseWave and releaseMoveRequest APIs is very slow when accessing inventory for an item from the YFS_NODEINVENTORYDTL_VW view. This causes a delay in releasing the wave.
	Solution: The system checks the number of units of items from the LPN instead of checking the LPN detail key. This reduces the time required to release the wave.

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Defect ID	371155
Case ID	82947,379,000
Description	When the Parent Inbox record is purged using the INBOXPRG agent, in such scenario the INBOXPRG agent never purges the Child Inbox Record associated with the respected parent Inbox record.

Defect ID	371945
Case ID	70803,019,866
Description	The Real-Time Availability Monitor (RTAM) agent does not publish correct inventory picture while consuming inventory from another organization, when a user performs the following sequence of actions:

1. Configures RTAM agent.
2. Creates a seller organization, E1 under DEFAULT. E1 can consume inventory from DEFAULT.
3. Adjusts inventory for 400 ONHAND and 400 future inventory.
4. Creates an order for 300 quantities, where enterprise is DEFAULT and E1 is the seller organization.
5. Schedules the order and releases it.
6. Runs the RTAM agent in full sync mode. RTAM agent publishes ONHAND availability as 100 and future availability as 400, which is correct.
7. Creates an order for 200 quantities, where enterprise is DEFAULT and E1 is the seller organization.
8. Runs the RTAM agent in full sync mode.

   RTAM agent publishes the inventory picture as FutureAvailableQuantity=100.00 and OnhandAvailableQuantity=200.00.

Defect ID	373925
Case ID	12454,082,000

Description	The Invoice details does not display Debit Memo details at the order header level, when a user performs the following sequence of actions:

1. Creates an order with 2 orderlines having ListPrice and UnitPrice.
2. Cancels one of the orderlines which is in Created status.
3. Schedules the order and releases it.
4. Moves the order to Shipped status.
5. Creates a shipment invoice for the order.
6. Adds a new header charges at the order level.

The header charges at order level are not applied on this order.

Solution: A new property yfs.setInvoiceCompleteForCancelledLines, is introduced. The property sets the Invoice_Complete parameter for cancelled lines as Y and allows creation of debit memo in the system. For example, if one orderline in an order is cancelled and the order is invoiced, then the Invoice_Complete parameter is set to Y for all the orderlines and order, and creates debit memo.

Defect ID	374199
Case ID	36723,999,616
Description	When a user is assigned count tasks in more than one location and the user scans an item, which does not have any task associated with it in a specific location, the system checks for the next count task in a different location. If the task exists in another location and the user executes this task, the system continues to suggest tasks from the same location instead of suggesting them from the previous location.

The following example explains the scenario:

- A user is assigned tasks in locations L1 and L2.
- The user scans an item, which does not have any task associated with it in L1. However, there are other tasks in L1 and L2.
- The system suggests the next task in L2 instead of L1.

Note: The system switches the count task only if the user is assigned tasks in more than one location.

Solution: If a task associated with an item does not exist in the current location, the system displays an error message.

Defect ID	374202
Case ID	36726,999,616
Description	The Cycle Count functionality on the Sterling Mobile Application must allow a user to enter a start location.

Solution: When a user logs in to the Sterling Mobile Application and navigates to the "Cycle Count" screen, the user can enter the start location. Based on this, the system suggest the next optimal task. The required information is provided in the *Selling and Fulfillment Foundation: Mobile Application User Guide*.

Defect ID	374212
Case ID	36718,999,616

Description   The *Sterling Selling and Fulfillment Foundation: Warehouse Management System User Guide* must be updated with the information about the system overriding the Start date and time set by the user.

Solution The "Physical Count Plan Details" and "Physical Count Plan List" topics of the *Sterling Selling and Fulfillment Foundation: Warehouse Management System User Guide* are updated with the required information.

Defect ID   375746

Case ID   12454,082,000

Description   The *Sterling Selling and Fulfillment Foundation: Properties Guide* must be updated with the new property "yfs.setInvoiceCompleteForCancelledLines".

Solution The "Order Management yfs.properties" topic of the *Sterling Selling and Fulfillment Foundation: Properties Guide* is updated with the required information.

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Defect ID   373865

Case ID   Internal

Description   Security issues have been addressed.
Note: For more details, please contact IBM Support.

Defect ID   371947

Case ID   Internal

Description   The *Sterling Selling and Fulfillment Foundation : Properties Guide* must be updated with the following properties:

- yfs.orderheaderinclause.threshold
- DB2_ALLOW_REORG_STMTS
- DB2_ALLOW_REQUIRE_REORG_STMTS
- regionlist.match.zipcode.length
- yfs.shipnodeinclause.threshold
- yfs.hotsku.skipLockInventoryitemList
- yfs.orderheaderinclause.threshold
- suppressModTypeValidationForCancelledOrders
- skip_xml_declarations_to_support_non_standard_rad_tooling

Solution: The following topics of the *Sterling Selling and Fulfillment Foundation : Properties Guide* are updated with the required information:

- Sandbox.cfg Database Properties
- System Management yfs.properties
- Inventory Management yfs.properties
- Order Management yfs.properties
- Implementation yfs.properties

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Defect ID   286390

Case ID   Internal

Description   The system displays the ProdAvailDate value as blank for the second orderline, when a user performs the following sequence of actions and calls the getPossibleSchedules API for the entire order:

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. 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, then it is an invalid configuration. The invalid configuration 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   288266

Case ID   Internal

Description   The Receipt Details screen displays an incorrect data, when a user performs the following sequence of actions:

1. Configures a time-sensitive item.
2. Creates an inbound shipment for the item.
3. Receives the shipment as loose inventory against multiple expiry dates.
4. Navigates to the Receipt List screen and clicks the View Detail action. The Receipt Detail screen is displayed.

   The Receipt Detail screen displays the total quantity received against one expiry date.

Defect ID   290144

Case ID   Internal

Description   If the Item ID have special characters, for example, &, $, %, @, and so on, then while performing the outbound pick, the mobile device fails to read the Item ID correctly and throws an "Cannot Override the Suggested SKU" error message, when a user performs the following sequence of actions;

1. Creates an item, !@#$%^&*015AZ10-X(TPH3,F).
2. Creates an outbound shipment.
3. Moves the shipment to 'Containerize Wave' status.
4. Logs in to the Sterling Mobile applications.
5. Scans the item, !@#$%^&*015AZ10-X(TPH3,F).

Defect ID	347446
Case ID	Internal
Description	The system must suggest one task for one shipment at a time and also suggest to deposit the inventory when the last task of the shipment is picked, when a user performs the following sequence of actions:

1. Configures a task type to perform Order Pick and enables "Suggest multiple tasks and allow user to choose".
2. Associates the task type in the Pick Location Assignment configuration.
3. Adjusts the inventory for an item in the location.
4. Creates multiple shipments.
5. Includes the shipments in a wave and releases the wave.
6. Logs in to Sterling Mobile Application and selects Outbound Picking activity.

Solution: A new ShowTasksByReference JSP parameter is exposed. A user can create or copy a resource by adding the ShowTasksByReference JSP parameter to resources. If the parameter is set to Y, then the system displays tasks of single shipment, batch, or wave at a time to the user and suggests deposit screen automatically when the last task of the reference is picked completely.

Defect ID	364323
Case ID	47165,082,000
Description	The *Sterling Selling and Fulfillment Foundation : Parcel Carrier Adapter Guide* must be updated with the information that for Sterling Pierbridge Adaptor, special service code must be "COD" not "1ZCOD".

Solution: The *Sterling Selling and Fulfillment Foundation : Parcel Carrier Adapter Guide* is updated with the required information.

Defect ID	366090
Case ID	49768,082,000
Description	When multiple users attempt to log in to the Console application at the same time without any images pre-cached in their browsers, the application hangs while trying to load images on the console screen causing high CPU usage.

Defect ID	368465
Case ID	21203,999,760
Description	While performing putaway to non-suggested location, the system must also move the inventory with its valid attributes.

Defect ID	368605
Case ID	33916,442,000
Description	When a user attempts to receive an order through the Report/Record Receipt action of the Sterling Application Console, the system displays one extra line to receive having zero quantity.

Defect ID	370335

Case ID	69393,082,000

Description The status of the order does not change from 'Await Authorization' to 'Authorize', when a user performs the following sequence of actions :

1. Selects "Authorize Before Scheduling and Delay Reauthorization Until" flag in the Payment Rule.
2. Creates an order with 4 orderlines, OL1, OL2, OL3, and OL4 having amount 30.9, 40.8, 50.5 and 30.9 with RequestedDeliveryDate as T+1, T+2, T+3, and T+4.
3. Adds credit card payment method and authorizes the payment.
4. Schedules the order and releases the OL1, OL2, and OL3 individually.
5. Creates 3 shipments for 3 releases.
6. Schedules the OL4 and un-schedules it.
7. Creates invoice for OL1, OL2, and OL3.
8. Runs the processOrderPayments agent.

Defect ID	370826
Case ID	85888,082,000

Description The system displays an "YFC0009 - Update failed" error message, when a user performs the following sequence of actions:

1. Selects "Collect Externally Through AR" and "Do not select Settlement and Authorization required" flags in the Payment Rule.
2. Creates an order.
3. Runs the requestCollection agent.
4. Schedules the order and releases it.
5. Ships the order.
6. Creates a shipment invoice.
7. Runs the requestCollection agent.
8. Attempts to add a header discount.

Defect ID	370935
Case ID	21699,999,760

Description For a warehouse user 'Retrieve Pack and Hold Shipments' action are visible in the Outbound Shipment List and Load List consoles, but the user is not able to remove the action permission from the User Group Permission settings in the configurator.

Defect ID	371551
Case ID	00451,379,000

Description When the YFSGetDeliveryLeadTimeUE user exit is called for procurement, the system does not populate the PersonInfoShipTo and PersonInfoShipFrom elements.

Defect ID	371650
Case ID	00560,379,000

Description If configuration data dump is enabled, NullPointerExceptions are observed during any API call, when multiple users simultaneously attempts to invoke the APIs.

Defect ID	372163
Case ID	Internal
Description	If configuration data dump is enabled and an API is called from within another API, then in such a scenario, the inner API closes the configuration data collection for the outer API.

Defect ID	372164
Case ID	Internal
Description	When configuration data dump is enabled, it does not capture all the properties which are read during an API call.

Solution: All the properties that are accessed through the YFCConfigurator are captured by the configuration data dump feature.

Defect ID	372166
Case ID	Internal
Description	If configuration data dump XML is captured with verbose tracing turned on for an API, then the following conditions must be set:

1. The database records present in the XML with blank attributes must be removed to trim the size of the dump XML.
2. The order in which the records are displayed in the dump XML must be same as the order accessed during the API call. Currently, the records are displayed in random order.

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Defect ID	284331
Case ID	Internal
Description	The system displays a zero inventory record, when a user performs the following sequence of actions:

1. Configures a Zone (Z1) with two locations (L1 and L2) and sets mix SKU for zone as "Never Allowed".
2. Configures putaway strategy for Single SKU and Multi SKU to deposit inventory in Z1.
3. Configures putaway strategy to split pallet and performs putaway for each SKU separately.
4. Enables putaway on Product Receipt.
5. Creates an inbound shipment with 2 shipment lines having item I1 and I2.
6. Receives the inbound shipment in a pallet.

   The system generates putaway for each SKU to different locations L1 and L2.
7. Logs in to the Sterling Mobile Applications.
8. Performs putaway for each SKU in L1 and L2.

Defect ID	285397
Case ID	Internal
Description	The changeLocationInventoryAttributes API must provide the ability to change the secondary serial information for a serial-tracked item.

Defect ID	285415
Case ID	Internal
Description	The system creates a zero quantity orphan inventory records, the orphan inventory record is retained even after completing the task in the location, when a user performs the following sequence of actions:

1. Configures two FIFO tracked items, I1 and I2.
2. Configures putaway preference and sets multi SKU pallet as loose SKU to distinct locations.
3. Configures the 'yfs.deposit.units.separately.for.tasktypes' property to deposit each SKU separately.
4. Creates an inbound shipment for the SKUs and receives the shipment in a pallet.
5. Creates a move request for the pallet.
6. Performs putaway for multi SKU pallet by overriding the target location of the last SKU deposited.

Defect ID	341816
Case ID	06266,379,000
Description	The getOrderLineList API causes performance degradation for large number of orders. The API uses SQL IN clause with large number of Order Header Keys, causing the performance issue.
	Solution: The SQL query is split into multiple queries using the yfs.orderheaderinclause.threshold property. This property specifies the values in the IN clause to split the query. The default value is 999.

Defect ID	348845
Case ID	19505,057,649

Description The system throws InvocationTargetException error for IBM JDK, when a user performs the following sequence of actions:

1. Selects "Authorize Before Scheduling and Delay Reauthorization Until" flag in the payment rule.
2. Selects "Do not Consolidate Settlement or Refund requests across Invoices" flag in the financial rule.
3. Creates an order with an order total.
4. Runs the requestCollection API.

The system throws NullPointerException, when a user performs the following sequence of actions:

1. Selects "Authorize Before Scheduling and Delay Reauthorization Until" flag in the payment rule.
2. Selects "Do not Consolidate Settlement or Refund requests across Invoices" flag in the financial rule.
3. Creates an order with an order total.
4. Ships the order.
5. Creates an invoice.
6. Runs the requestCollection API.

Defect ID 358590

Case ID 35825,999,616

Description A user exit must be introduced to override the distribution group for Real-Time Availability Monitor agent.

Solution: A new YFSGetOverriddenDGForItemUE user exit is introduced to override the distribution group for Real-Time Availability Monitor agent. The user exit is driven by an 'Override Default Distribution Group for Real-Time Availability Monitor' attribute set at Item or Classification level. The distribution group returned by the YFSGetOverriddenDGForItemUE user exit is used for availability monitoring.

For more information about the YFSGetOverriddenDGForItemUE user exit, refer the *Sterling Selling and Fulfillment Foundation: Javadocs*.
Note:

- The distribution group is stamped for enterprise level inventory alerts going forward.
- The distribution group used by the Real-Time Availability Monitor agent must not be used in the manageInventoryAlerts API and vice versa.
- Run the Real-Time Availability Monitor agent in full sync mode after applying this fix pack and before implementing the YFSGetOverriddenDGForItemUE user exit, to stamp the distribution group on existing enterprise level inventory alerts.

Defect ID 368556

Case ID 67577,082,000

Description Pack station does not display the lists of stations, if blank requested tag attributes are present at the shipment line level.

Defect ID 369679, 369523

Case ID 69304,082,000, 68951,082,000

Description   When tag items are used with fractional quantities and availability information for such item is required, the demand supply matching logic goes into an infinite loop in some scenarios. For example, substracting demand from supply results into an infinitesimal quantity. As a result, the server hangs due to very high CPU utilization.

Defect ID   369704

Case ID   Internal

Description   The information for YFSGetItemNodeCostForSourcingUE user exit is modified in the *Sterling Selling and Fulfillment Foundation: Javadocs*.

Defect ID   369807

Case ID   69510,082,00

Description   The confirmShipment API does not honor double decimal conversion, while confirming the shipment.

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Defect ID   289297

Case ID   Internal

Description   The Shipment Picked event is not raised during a retrieval short pick scenario, when a user performs the following sequence of actions:

1. Ensures that the inventory exists in the system for two items, for example, I1 and I2.
2. Creates an outbound shipment with two shipment lines as follows:
   - Shipment Line 1 containing I1 with quantity as one.
   - Shipment Line 2 containing I2 with quantity as one.
3. Configures the retrieval strategy.
4. Calls the retrieveShipment API such that a move request is created with two tasks; task T1 for I1 and task T2 for I2.
5. Completes the task T1.
6. In the Shipment Details Screen, updates the Shipment Line 2 with zero quantity.

The task T2 is cancelled and the shipment execution status is Pick Completed.

Defect ID   290874

Case ID   Internal

Description	The changeShipment API it throws an "Shipment Line quantity cannot be less than sum of tagged quantity of the line and containerized quantity" error message, when a user performs the following sequence of actions:

1. Creates a shipment for an item with quantity as 1.66.
2. Runs the changeShipment API to create two containers; one with quantity as 1.00 and another with quantity as 0.66.

Defect ID	310448
Case ID	Internal
Description	When a user performs the following sequence of actions, the ExecuteCountProgram agent does not correctly create count requests for all the Participating nodes and item classifications:

1. Configures an enterprise.
2. Creates multiple nodes that participates with the enterprise.
3. Configures a corporate count program for item classifications to create count at item level task for the enterprise in all the Participating nodes.
4. Adjusts the inventory for items associated to the enterprise in the Participating nodes.
5. Runs the ExecuteCountProgram agent.

Defect ID	340463
Case ID	Internal
Description	When a user performs the following sequence of actions, the Deposit screen is not displayed:

1. Creates a task type with the "Suggest multiple tasks and allow user to choose" option selected.
2. Associates the created task type in the Pick Location Assignment configuration.
3. Creates inventory for two SKUs from two different locations.
4. Creates a shipment with multiple shipment lines.
5. Includes the shipment in a wave and releases the wave.
6. Logs in to the Mobile Application to perform the Outbound Pick activity.
7. From the User Task List screen, picks the first task that is suggested.
8. When the second task is suggested, clicks the "Deposit" button.

Defect ID	357647
Case ID	Internal
Description	The HotSKU initially blocks the items for a very long time. This is because the HotSKU attempts to lock the SKU to calculate its inventory availability, after it determines that the item is hot.

Solution: A new property, `yfs.hotsku.skipLockInventoryitemList`, is introduced for HotSKU. This property accepts a list of comma-separated items. For example, `yfs.hotsku.skipLockInventoryitemList=DVP6723040,TV0001A5F21,A1,A2,B,C,D4,E`. The YFS_INVENTORY_ITEM table is not locked for these items initialized in the property.

Defect ID	360763

Case ID	49737,379,000
Description	When HotSKU is enabled and items with unplanned inventory exist in the system, the items with unplanned inventory get locked multiple times in the same thread even though they have turned hot.

Defect ID	363574
Case ID	61982,442,000
Description	When the YFSGetDistanceForNodeListUE user exit is implemented and the distance based sourcing rule is configured, a "Cannot be cast to com.yantra.yfs.japi.ue.YFSGetDistanceForNodeListUE" exception is thrown if the findInventory API is called.

Defect ID	363713
Case ID	68637,999,744
Description	The getShipmentDetails API default output template is enhanced to include the airway bill number parameter.

Defect ID	365984
Case ID	20535,999,760
Description	A large number of "Cannot set header. Response already committed." warning messages are logged in the SystemOut.log for the Websphere Application Server.

Defect ID	367123
Case ID	75035,023,724
Description	A null pointer exception is observed when executing the Purge Inventory Reservation time triggered transaction for tag controlled items.

Defect ID	367802
Case ID	32326,442,000
Description	The reserved demand against an item with unplanned inventory is not being consumed by the createOrder API.

Defect ID	367916
Case ID	70368,019,866
Description	The messages produced by an agent are expected to be always non-persistent. However, the agent relies on the default delivery mode of the JMS vendor.
	Solution: The delivery mode is set as non-persistent for agent messages.

Defect ID	368147
Case ID	66699,082,000

Description   The confirmShipment API throws a "Tag mandatory for item" exception message, when a user performs the following sequence of actions:

1. Configures a tag-controlled item with inventory UOM as EACH.
2. Creates a shipment with 1.5 quantity of the above item.
3. Packs one quantity of the item with lot information in a container.
4. Packs 0.5 quantity of the item with lot number in another container.
5. Confirms the shipment.

Defect ID   368542

Case ID   67570,082,000

Description   During packing in a pack station, the application sometimes fails during comparison of double quantity values and an "Invalid quantity break up" error message is thrown.

Solution: The application has been fixed to round off the double quantities before comparison.

Defect ID   368650

Case ID   67756,082,000

Description   The user is unable to delete the inventory reservation that was created for a tag controlled item from the application console.

Defect ID   369144

Case ID   Internal

Description   For an exchange order in a return-exchange scenario, the 'Item Description' field is not localized in the following screens:

- Appointment Summary
- Manage Service Groupings
- Choose Appointment

Defect ID   369866

Case ID   Internal

Description   The application reads the value of the `yfs.logall` property several times during a process. This property must be read only once during server startup and then reused later.

Fix Pack 41

Defect ID   287601

Case ID   Internal

Description   When a user creates a count request at item classification level for a location that has more than 1000 items, the system displays an incorrect list of items for the location during the execution of the count tasks.

Defect ID	290867
Case ID	Internal
Description	When the removeShipmentFromWave API is invoked on the HAS_EXCEPTION event of the CONTAINERIZE_WAVE transaction, the removeShipmentFromWave API throws a java.io.nullpointerexception while removing a shipment from a wave.

Defect ID	355520
Case ID	64305,999,760
Description	Consolidation of orderline ship date is not working correctly, when user performs the following sequence of actions:

1. Configures the Scheduling Rules.
2. Navigates to Supply Collaboration > Logistic Attribute > Other Rules - Fixed transit days configured.
3. Checks "Optimize on - Cost,Number of shipments" flag.
4. Calls the scheduleOrder API for orders having orderlines with requested delivery date stamped.

Defect ID	359086
Case ID	09058,019,866
Description	An orderline does not move to configured drop status, as the system incorrectly identifies that transaction dependency is not met, when a user performs the following sequence of actions:

1. Creates two transactions, TRAN1 and TRAN2, extending from ChangeOrderStatus base transaction.
2. Modifies the sales order pipeline so that after an order is released, it can either go through TRAN1 or TRAN2.
3. Configures the pick up and drop statuses for the newly created transactions.
4. Configures transaction dependency rules, such that TRAN2 can be run if TRAN1 is completed for zero hours for any line.
5. Creates an order with three orderlines having order line keys, OLK1, OLK2, and OLK3.
6. Schedules the order and releases it.
7. Calls the changeOrderStatus API to execute TRAN1 for OLK1. OLK1 is moved to the configured drop status.
8. Calls the changeOrderStatus API to execute TRAN2 for OLK2.

Defect ID	359597
Case ID	31632,122,000
Description	The changePassword API does not throw an exception, when the new password is the same as the current password.
	Solution: The changePassword API throws "The new password matches one of the old password." exception, when the new password is same as the current password.

Defect ID	363595

Case ID	09892,019,866
Description	A security issue is addressed in the application console.

If a customer has extended any screen in the application console, then they may need to address the issue in their extensions.

For more details, please contact IBM Support.

Defect ID	365898
Case ID	30491,442,000
Description	The system throws an "ORA-01858: a non-numeric character was found where a numeric was expected" exception, when a user performs the following sequence of actions:

1. Creates an item M1 and publishes it.
2. Creates two active price lists which are open for all consumers and includes the item M1 in one of them.
3. Calls the getPricelistLineListforItem API for the item M1.

Fix Pack 40

Defect ID	286116
Case ID	Internal
Description	When an item which is shared across multiple catalog organization is scanned through the Sterling Mobile application during inventory inquiry, and if the node has a single enterprise maintained with their own catalog and inventory organization with it, then the system must not provide an option for a user to select the single enterprise associated with the item.

Defect ID	289295
Case ID	Internal
Description	The system displays the "Container already packed' error message when depositing a container through the Sterling Mobile application, when a user performs the following sequence of actions:

1. Configures the Batch Pick task type to perform pick into container and pack while pick.
2. Configures Pick Location Assignment to perform batch pick and associates with the Batch Pick task type.
3. Configures a container pipeline to ensure that the status of the container is changed after packing.
4. Creates a shipment, includes it in a wave, and releases the wave.
5. Logs in to the Sterling Mobile application to perform the Outbound Pick Activity.
6. Picks inventory into a container and deposits the container.

Defect ID	289708
Case ID	00361782

Description   The *Sterling Selling and Fulfillment Foundation : Mobile Application User Guide* must be updated with the information that a user must pick an inventory on an equipment or a container while picking to avoid inventory allocation issues during execution.

Solution: The *Sterling Selling and Fulfillment Foundation : Mobile Application User Guide* is updated with the required information.

Defect ID   290127

Case ID   Internal

Description   The system throws an "Invalid Line" exception while retrieving information of the removed line for raising the ON_SUCCESS event, when a user performs the following sequence of actions:

1. Enables the ON_SUCCESS event for the Change Return transaction.
2. Creates an order with 2 order lines.
3. Ships the order.
4. Creates a return order for the first order line.
5. Removes the first order line and attempts to add the second order line in the return order and confirms it.

Defect ID   302701

Case ID   Internal

Description   The system throws a "Cannot deallocate location inventory" exception and inventory allocation done is incorrect, while picking through the Sterling Mobile application, when a user performs the following sequence of actions:

1. Configures a tag-controlled item.
2. Creates multiple LPNs for the item.
3. Creates a shipment with multiple lines for the item.
4. Includes the shipment in a wave and releases the wave.
5. Picks the inventory by scanning the LPNs during pick.

Defect ID   311626

Case ID   00387055

Description   The system throws a "Tag tracking mandatory for the item" exception during task completion, when a user performs the following sequence of actions:

1. Enables ON_RECEIPT_COMPLETE event on RECEIPT_COMPLETE transaction.
2. Configures an item as sometimes batch-tracked and serial-tracked.
3. Creates an inbound shipment for the configured item.
4. Confirms the shipment and receives it.
   Note: While receiving this shipment, you must not provide any value for batch-tracked.
5. Performs putaway task for the received inbound shipment.

Defect ID   336137

Case ID   92695,379,000

Description The *Sterling Selling and Fulfillment Foundation : Customizing the Rich Client Platform Interface Guide* must be updated with the information on how to extend the Rich Client Platform applications by adding or hiding navigator task in the user interface.

Solution: The *Sterling Selling and Fulfillment Foundation : Customizing the Rich Client Platform Interface Guide* is updated with the required information.

Defect ID	345713
Case ID	Internal
Description	Running the query for Execute Count Program agent fetches all the shipments and items records, even if Count Program is set up at Enterprise level.

Defect ID	354507
Case ID	Internal

Description When the install_info.xml utility present in the `<install_dir>`/properties directory is run using the command, `sci_ant.cmd -f ..\properties\ install_info.xml`, it throws an exception.

Solution: The install_info.xml utility is fixed, so that it can be invoked using the following steps;

Go to `<install_dir>`/bin, where `<install_dir>` is the installation directory, and run the following command:

For Windows: `sci_ant.cmd -f ..\properties\install_info.xml`.

For Unix: `sci_ant.sh -f ..\properties\install_info.xml`.

Defect ID	357712
Case ID	91673,082,000

Description The *Sterling Selling and Fulfillment Foundation : Properties Guide* must be updated with the new property yfs.prevent.packwhilepick.containers.during.packing".

Solution: The *Sterling Selling and Fulfillment Foundation : Properties Guide* is updated with the required information.

Defect ID	358961
Case ID	Internal
Description	"DBContext not set in DBObject" exception is thrown when the getPossibleSchedules API is invoked for an order which has no address stamped on it.

Defect ID	362594
Case ID	Internal

Description	When First Failure Data capture (FFDC) is enabled, by setting the yfs.api.configuration.dump.mode property to 'ON_ERROR' or 'ON_ERROR_AND_VERBOSE' in the customer_overrides.properties, it is observed that the getOrderLineDetails API takes more time.
	Solution: The FFDC logic is enhanced, so that it will collect only the 'Primary Key' of the database records which are captured during the execution of any API with FFDC enabled. Due to this, the time taken to convert the database object into XML is reduced considerably.

Defect ID	362982
Case ID	75653,057,649
Description	The compilation of generated rules for a configurable model fails with "code too large" exception for a model having huge number of rules.

Fix Pack 39

Defect ID	285293
Case ID	Internal
Description	The system displays the Serial scan pop-up window, when a user performs the following sequence of actions:

1. Configures a Serialized Item.
2. Configures Shipping Node and Receiving Node to have "Exclude Serial capture for transfers" Flag checked.
3. Creates the transfer order for the serialized item.
4. Schedules the order and releases it.
5. Creates an outbound Shipment with the created transfer order.
6. Navigates to Pack HSDE screen and scans the created shipment ID in the scan identifier.
7. Scans the item ID and Quantity.

Defect ID	289285
Case ID	Internal
Description	The getLPNDetails API and getNodeInventory API does not provide the item information, when a user performs the following sequence of actions:

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

Defect ID	335026
Case ID	Internal

Description The system prompts for the Lot Number even after it passes along with the 2D barcode, when a user performs the following sequence of actions:

1. Logs in to the application.
2. Navigates to Warehouse Management > System Administration > Bar Codes > Pack SKU Initiation > Add External Barcode.
3. Configures a tag-controlled item with Lot Number as the tag identifier.
4. Adjusts inventory for the tag-controlled item and ensures that there are more than one Lot Number in the pack station location.
5. Creates a shipment for the tag-controlled item and navigates to the pack HSDE screen.
6. Selects the Pack station.
7. Scans the shipment in Scan Identifier.
8. Scans the 2D barcode for that item in the SKU field.

Defect ID 345693

Case ID Internal

Description The Pick List Purge agent does not pick any record. As a result none of the records get purged, when a user performs the following sequence of actions:

1. Configures Pick List Purge and does not set Ship Node.
2. Creates records in the YFS_PICK_LIST table.
3. Runs the Pick List Purge agent.

Solution: The Pick List Purge agent considers all the nodes, if the Ship Node value is blank. Otherwise, it specifically selects the records of the Ship Node set in the Agent Criteria Parameters to purge.

Defect ID 350156

Case ID 35583,999,616

Description When a mobile user logs in to the Yantra Mobile Application in the RF device and clicks the INFO button, the client version is displayed as UNKNOWN.

Solution: The current version of the Mobile Application client is displayed in the INFO page.

Defect ID 354124

Case ID Internal

Description The system does not ask a user to enter a serial number, when a user performs the following sequence of actions:

1. Configures task type with "use sterling system for batching" rule for tasks to be included in a batch.
2. Enables "Captures serial in inbound "only for "return inbound" for respective ship node.
3. Creates inbound order for a serialized item.
4. Receives the inbound order and does batching using "confirm with details".

Defect ID 355159

Case ID	08933,019,866
Description	An alert does not get raised when an order moves from higher to lower status, when a user performs the following sequence of actions:

1. Creates a milestone monitor for the sales order pipeline to raise a monitor event as given below:
   - Configures the milestone for order level with Release2 as the status.
   - Creates a custom date type.
   - Creates a monitor rule for MNRBD (Milestone not reached before a date) type rule against custom date type created.
2. Creates an order with DateTypeId = custom date type and ExpectedDate = currentdate.
3. Schedules the order and releases it.
4. Calls the changeOrderStatus API to bring order to Release1 status.
5. Runs the orderMonitor agent. Alert is raised.
6. Modifies the order status to 3200.5000 and then to 3200.1000.
7. Runs the orderMonitor agent.

Solution: The milestone records in the YFS_ORDER_DATE table must be removed. A new flag is introduced to handle these scenarios:

ResetMileStoneStatus attribute is introduced for the OrderDates element at Order level. The attribute takes status as the input and based on that the system finds milestone records and order dates records corresponding to that milestone, and deletes the order date record, so that next time alert is generated.

Defect ID	359078
Case ID	88150,004,000
Description	The syncLoadedInventory API generates large number of YFS_OBJECT_LOCK records.

Solution: The child locks created by the syncLoadedInventory API are removed from YFS_OBJECT_LOCK, at the end of the syncLoadedInventory API.

Defect ID	360329
Case ID	43809,122,000

Description	The default Sourcing Rule is not operating as expected or consistently and consolidates the shipments, when a user performs the following sequence of actions:

1. Configures Scheduling Rule to optimize on Priority and under Priority check to consider the distance between ship-to and ship-from locations for prioritization and fill Weightage given to Distance and Node as 1 each.
2. Configures four nodes, N1, N2, N3 , and N4 with latitudes and longitudes.
3. Creates 2 items, item1 and item2.
4. Adjusts inventory for item1 and item2, as follows:
   - item1 - 2, 10, 10 quantities at N1, N3, and N4 ship nodes respectively.
   - item2 - 3, 10 quantities at N2 and N3 ship nodes respectively.
5. Creates an order with 2 order lines for item1 and item2 having 10 quantities each.
   Note: When the order is created distance of nodes from ship to address is N1 < N2 < N3 <N4.
6. Schedules the order.

   For item1 order is getting scheduled from N1 and N3 having 2 and 8 quantity respectively which is fine, as N1 is nearer than N3. But for item2, the order is getting scheduled from N4 completely. Item2 must have been scheduled from N2 and N4 with 3 and 7 quantity respectively because N2 is nearer than N4.

Defect ID	361483
Case ID	36814,442,000
Description	The YFSGetItemNodeCostForSourcingUE user exit must be enhanced to include ShipToAddress element in the input XML.
	Solution: The YFSGetItemNodeCostForSourcingUE user exit is enhanced. The input XML is made template controlled.

Defect ID	361828
Case ID	36047,999,616
Description	The inventory shortage alert description does not lists all the items having inventory shortage, when a user performs the following sequence of actions:

1. Creates a shipment for around 30-40 items for which inventory is not available in the node.
2. Includes the shipment in a wave.
3. Configures releaseWave events to raise inventory shortage alert.
4. Releases the wave.

Defect ID	362055
Case ID	45477,082,000

Description   The YFSExtnInputHeaderChargesShipment input parameter of the YFSGetHeaderChargesForShipmentUE user exit does not contain shipment key.

Solution: The YFSExtnInputHeaderChargesShipment input parameter is enhanced to contain shipmentKey attribute. The parameter is passed as input to YFSGetHeaderChargesForShipmentUE user exit.

Fix Pack 38

Defect ID   285105

Case ID   Internal

Description   When an item shared across multiple catalogs is scanned during Inventory Inquiry through the Sterling Mobile application, the system must provide an option for a user to select an enterprise associated to the item.

Defect ID   286765

Case ID   Internal

Description   The ExecuteCountProgram agent does not create a count request for all the nodes correctly, when a user performs the following sequence of actions:

1. Creates an enterprise and creates 4 child wms nodes and one non-wms node for that enterprise.
2. Creates 5 items (of different item types).
3. Associates the items with classification, Velocity Code:A.
4. Creates a count program.
5. Configures EXECUTE_COUNT_PROGRAM transaction without any criteria.
6. Adjusts the inventory for items associated with the enterprise in these nodes.
7. Runs the ExecuteCountProgram agent.

Defect ID   288771

Case ID   Internal

Description The system throws a NullPointerException, when a user performs the following sequence of actions:

1. Creates an enterprise with a child node of it.
2. Creates the items for above enterprise with classification velocity code A and B.
3. Creates count program for the created enterprise.
4. Specifies the node for the count program with cycle count as request type.
5. Creates a new calender with the effective period as the current date and the next day (the next day is non-working day).
6. Creates conditions, c1 and c2.
7. Configures agent with criteria, such as valid Node and Program name values.
8. Adjusts inventory at few locations for above items at the respective node.
9. Runs the ExecuteCountProgram agent.

Defect ID 322791

Case ID Internal

Description The system must scan and translate the ShipBydate entry for time-sensitive item in the following stations:

- VAS
- PACK
- Receiving

Solution: A new ExpirationDate barcode type is exposed. The user must implement an external translator for this bar code type to identify the expiration date information from the scanned bar code.

Defect ID 343125

Case ID Internal

Description An error message "record already exists" is displayed while packing a shipment, when a user performs the following sequence of actions:

1. Configures a time-sensitive item.
2. Creates a shipment for 2 units of the configured item.
3. Adjusts inventory for 20 units of the item with multiple expiry dates in pack location.
4. Packs the shipment in the Pack HSDE screen by adding 1 unit of the item in a container and specifies the expiration date.
5. Packs the shipment in the Pack HSDE screen by adding 1 more unit of the item to the same container and specifies the expiration date.

Defect ID 352073

Case ID 12232,100,838

Description	The system throws a "BILLTO is disallowed because none of the statuses are set to 'allow'" exception, even though all the statuses are set to 'allow' in the modification rules, when a user performs the following sequence of actions in a single changeOrder API call:

1. Cancels all the orderlines.
2. Adds one or more new orderlines in the same order.
3. Calls the changeOrder API to update the BillTo or ShipTo addresses.

Solution: A new property, suppressModTypeValidationForCancelledOrders, is introduced in the yfs.properties file. The default value of this property is N. A user must set the value of this property in the customer_overrides.properties file as yfs.yfs.suppressModTypeValidationForCancelledOrders=Y.

By setting the suppressModTypeValidationForCancelledOrders property to Y, the modification rules will not be considered only when the order is in Cancelled status.

Defect ID	356463
Case ID	31530,379,000
Description	When change price and request settlement (or invoice) are in Open status, on invoking the requestCollection API, the authorization is consumed by the charge and also creates auth reversal record for the same amount. Due to this behavior, a large number of authorization requests are created on subsequent runs.

Defect ID	357849
Case ID	21123,082,000
Description	When the changeOrderSchedule API is invoked, it does not allow a user to change the tag attribute to blank value.

Defect ID	358571
Case ID	09416,019,866
Description	The security related issues for out-of-box JSP pages must be addressed.

Defect ID	359522, 302638
Case ID	48326,379,000
Description	Multi-threaded support is required for the Consolidate Additional Inventory agent.

Fix Pack 37

Defect ID	353140
Case ID	01903,49R,000

Description When running the Real Time Availability Monitor (RTAM) agent, if a distribution group is passed as part of the agent criteria in the RTAM, then it must override the existing default distribution group and the node level distribution group, if the enterprise level RTAM and the node level RTAM respectively, are used.

Fix Pack 36

Defect ID 284734

Case ID Internal

Description The system disregards the segment details and throws an "YDM00239; Could not identify matching Shipment line" error message, when a user performs the following sequence of actions:

1. Configures standard packing.
2. Packs a shipment line from an LPN with segmented inventory directly into an outbound container.

Defect ID 346599

Case ID 71020,082,000

Description The system does not print the information of cart locations and carton sizes in the Cart Manifest Batch Sheet, when a warehouse user performs the following sequence of actions:

1. Configures an item.
2. Configures an equipment type with multiple slots and creates an equipment.
3. Configures a task type to perform system suggested batching by associating the above equipment type.
4. Configures Pick Location Assignment to perform Batch Picking by associating the above task type.
5. Creates multiple shipments for the item and includes the shipments in a wave.
6. Releases, containerizes, and batches the wave.
7. Logs into the IBM Sterling Application Console and navigates to the Batch Details screen.
8. Clicks the "Print" action and selects the "PrintTaskList" service.

Defect ID 352362

Case ID 64666,442,000

Description The Allow Average Cost and Inventory Value synch does not display correct values when the adjustingInventory flag is enabled.

Defect ID 353925

Case ID 91673,082,000

Description	The system suggests a system defined container that was created to be packed during picking for Item I2, when a warehouse user performs the following sequence of actions:

1. Configures two items, for example, I1 and I2.
2. Configures two task types, for example, TT1 and TT2.
   a. TT1 is performed by picking inventory on to totes and packing is done at a Pack Station.
   b. TT2 is performed by picking inventory on to a system suggested outbound container with 'pack while pick' enabled.
3. Adjusts inventory for I1 and I2 in two zones, for example, Z1 and Z2 respectively.
4. Configures Pick Location Assignment such that Z1 is associated to task type TT1 and Z2 is associated to task type TT2.
5. Creates a shipment for I1 and I2.
6. Includes the shipment in wave, releases and containerizes the wave.
7. Completes pick tasks originating from Zone Z1 by picking inventory onto totes and depositing totes in the pack station.
8. Logs into the Application Console and selects "Pack Station" menu.
9. Scans the Shipment# in the Pack Initiation field of Pack HSDE screen.

Solution: A new system property, yfs.prevent.packwhilepick.containers.during.packing, is provided to prevent the system from suggesting a system defined container that needs to be packed during picking. Set the property to Y to prevent the system from suggesting such container in Pack HSDE screen on scanning shipment. If this property is not set or set to N, the system retains the current behavior.

Defect ID 354600

Case ID 92508,082,000

Description The IBM Sterling Mobile Application mandates user to scan lot information during count, when a warehouse user performs following sequence of actions:

1. Configures a sometimes tag controlled item I1 with Lot Number as Tag Identifier.
2. Configures a count task type and enables the "Capturing Inventory Attributes is Mandatory" flag.
3. Adjusts inventory for item I1 in location L1 without any Lot Number.
4. Logs into IBM Sterling Mobile Application and selects "Manual Count" menu.
5. Scans the Location L1 and Item I1.
6. Counts the Item I1 and Clicks on "Go" button by not scanning any Lot Number.

The system throws "Please Enter Value" exception.

Defect ID 356410

Case ID 92840,082,000

Description When the YFSGetAvailabilityCorrectionsUE user exit is implemented and the CheckInventory is passed as N in the API input, the ReserveAvailableInventory API does not reserve inventory for a tag item.

Defect ID	356515, 357025
Case ID	Internal, 94727,082,000
Description	The system creates a variance for the item even when user counts inventory correctly, when a warehouse user performs following sequence of actions:

1. Configures a sometimes tag controlled item I1 with Lot Number as Tag Identifier.
2. Adjusts inventory for item I1 in location L1 with Lot Number as L1 for six quantities.
3. Adjusts inventory for item I1 in location L1 without any Lot Number for four quantities.
4. Logs into IBM Sterling Mobile Application and selects the "Manual Count" menu.
5. Scans the Location L1 and Item I1.
6. Counts the Item I1 by scanning Lot Number L1 with count quantity as six.
7. Counts the Item I1 by not scanning any Lot Number with count quantity as four.
8. Completes the count.

Defect ID	356860
Case ID	20247,082,000
Description	After unpacking an inventory case from a packed outbound container, the Pack HSDE screen does not display the "Close Container" button to the warehouse user to complete packing for the partially unpacked container.

Fix Pack 35

Defect ID	289670, 350006
Case ID	Internal
Description	Huge Query is fired on YFS_ADDITIONAL_ATTRIBUTE table causing performance issues, when a user performs the following sequence of actions:

1. Configures Item Quantity Pricing Rule for attributes.
2. Assigns huge number of attributes to the items in the Master catalog.
3. Calls the getItemPrice API for the items.

Defect ID	314217
Case ID	00256148
Description	The getRegionList API must support filtering of the best match regions, so that the length of the zip code provided in the input is same as the length of the 'from' and 'to' zip codes configured for the regions.

Solution: A new 'regionlist.match.zipcode.length' property is introduced in yfs.properties.

The default value of the 'regionlist.match.zipcode.length' property is false. If the value is set to true, then the getRegionList API returns only those best match regions for which the length of the input zip code is same as the length of the 'from' and 'to' zip codes configured for the region.

Defect ID	318994
Case ID	Internal
Description	Performance of the findInventory API becomes slow, if the number of nodes are more.

Defect ID	338872
Case ID	62088,999,760
Description	The Currency list on the Create Price List screen does not display any currencies, when a user performs the following sequence of actions:

1. Logs in to the Applications Manager.
2. Navigates to the Application Platform > Internationalization > Currency Definitions.
3. Creates a new currency with 'Prefix Symbol' defined as "\".
4. Logs in to the Sterling Business Center application and checks for the newly added currency in the Currency list on the Create Price List screen.

Defect ID	339855
Case ID	75123,49R,000
Description	When the getCompleteOrderDetails API is invoked, it takes a long time to load the BOM properties, when the BOMProperties tag is specified in the output XML template.

Defect ID	348750
Case ID	79899,49R,000
Description	When Real-Time Availability Monitor (RTAM) agent is configured in full sync mode, it publishes availability of bundle parent item multiple times. An extra message for bundle parent is published for each component.

Defect ID	349210
Case ID	86033,004,000
Description	When a database user that is different from database schema owner, tries to install a 9.1 fix pack, the system throws an "user does not have permission to create index" error for Oracle DB.

Defect ID	349773
Case ID	19878,057,649
Description	The searchCatalogIndex API does not return the new item in one of the locale, when a user performs the following sequence of actions:

1. Create two locales.
2. Builds full index set.
3. Adds a new item, and builds an incremental index set, and activates the index set.
4. Runs the searchCatalogIndex API to search the item.

Defect ID	349948, 351054
Case ID	35562,999,616, 01340,49R,000
Description	The Real-Time Availability Monitor (RTAM) agent computes and publishes OnhandAvailableQuantity attribute as zero, when a user performs the following sequence of actions:

1. Configures activity based RTAM agent.
2. Configures item for ATP monitor or node level ATP monitor.
3. Sets the 'Assume infinite inventory' flag for the item to Y.
4. Adjusts inventory for the item with supply type as "ONHAND".
5. Runs the RTAM agent.

Defect ID	350168
Case ID	62652,999,760
Description	When a user enters number attribute value which is more than 3 digits in Sterling Business Center, the numbers are saved properly in the database. But a wrong value is displayed on refreshing the screen.

Defect ID	351578
Case ID	35493,999,616
Description	The GO button in the Outbound Pick screen of the Sterling Mobile application is less accessible due to its small size.

Defect ID	352198
Case ID	01645,49R,000
Description	The Real-Time Availability Monitor (RTAM) agent configured in activity based mode and full sync mode, publishes inventory for bundle component and not for bundle parent, when a user performs the following sequence of actions:

1. Configures a bundle item with one component and checks the 'Ship together' flag.
2. Adjusts inventory for bundle component.
3. Runs the Real-Time Availability Monitor agent.

Defect ID	352265
Case ID	74551,082,000
Description	The findInventory API hangs and does not return any result, when a user performs the following sequence of actions:

1. Implements the YFSGetAvailabilityCorrectionsUE user exit.
2. Configures a tag-controlled item with tag identifier as lot number.
3. Adjusts the inventory with tag details.
4. Calls the findInventory API.

Defect ID	353009
Case ID	12511,100,838

Description	The changes performed on "manage the inheritable fields" in a classifications, will also be visible at the category level, when a user performs the following sequence of actions:

1. Launches the Sterling Configurator.
2. Creates an item.
3. Logs in to Sterling Business Center application.
4. Creates the classification and then creates a classification value and classification ID for the classification.
5. Subscribes the classification ID to all the available usages.
6. Adds the item to the classification.
7. Creates a new category and assigns the item to the category.

Defect ID	353281
Case ID	56149,005,000
Description	The system throws a NullPointerException while creating batch for the count tasks, when a user performs the following sequence of actions:

1. Configures cycle count task type to perform task using the printed tickets.
2. Enables the YCPBeforeCreateBatchUE user exit.
3. Runs the create count task agent.

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Defect ID	285562
Case ID	Internal
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 is enhanced to use a unique BASE_CONFIG_TASK_KEY attribute to copy the permissions.

Defect ID	287608
Case ID	Internal

Description   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, when a user performs the following sequence of actions:

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

   At N1, 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 (for example, 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   344383

Case ID   35270,999,616

Description   If a synchronous service is configured to have a 'Synchronous Generic JMS' component, while receiving back the reply message from the 'response queue' if an exception other than timeout occurs, then the jms context is nullified. Due to this, the next time when the service is invoked, the system throws a NullPointerException during the lookup of the 'response queue'.

Solution: While looking up the 'response queue', if JMS context is found to be null, it will be re-initialized and then used to lookup the 'response queue'.

Defect ID   344428

Case ID   87037,004,000

Description   A performance degradation is observed when the findInventory API is run.

Solution: A new yfs.shipnodeinclause.threshold property is introduced. This is an enterprise specific property and it must be set in customer_overrides.properties as yfs.<ENTERPRISE>.yfs.shipnodeinclause.threshold=<value> . The default value for this property is '999'. If the value of eligible ship nodes exceeds the value set in this property, the queries on the supply and demand tables skip the shipnode_key 'inclause' and perform memory filter for availability.

Defect ID   344430

Case ID   87037,004,000

Description The reserveAvailableInventory API takes a long time to reserve items, as it takes a long time to fetch the availability of the items.

Solution: The method makeItemNodeCollection is tuned to only consider the nodes with inventory.

The fix is applicable only for the following scenario, where procurement is not considered:

1. IsprocurementAllowed flag is passed as N at the promiseLine level in the reserveAvailableInventory API input.
2. No pre-reserved quantity for the order line is available.

Defect ID 345761

Case ID 63545,999,760

Description When all properties needed for building Jax webservice are enabled. The StercomXbeanXapi.jar does not build properly while building Ear under the following conditions:

*   The -Dnowebservice option is set to false.
*   Bean package name does not start with 'com.*'.

    If EAR is deployed, then the ClassNotFound exception is thrown.

Defect ID 347257

Case ID Internal

Description A new stand-alone API tester is introduced. The API tester can be used for quick debugging or testing without launching the Application Server. To use the stand-alone API tester navigate to <INSTALL_DIR>/bin and run apiTester.cmd/sh

Salient features of the API tester are as follows:

*   Quick and easy to launch. No need to start Application Server.
*   Can enable tracing at run time. Set the trace level to VERBOSE in the root element of the API input XML.
*   Log file is saved in <INSTALL>/log.
*   Can save the output of the API in file.
*   Can use external file as input or template.
*   Can invoke services by wrapping it in multiApi .

    Input XML is automatically picked up on selection of API, if input XMLs are present in the APIInputDir. The input file name should be same as API name, for example, for createOrder API input file must be createOrder.xml and placed in APIInputDir.

    Default path of the APIInputDir is <INSTALL_DIR>/apiinputs. A user can change the path by setting system property APIInputDir in apiTester.cmd/sh.

Defect ID 347350

Case ID 11527,100,838

Description When Real-Time Availability Monitor agent is run in full sync mode, it publishes duplicate availability messages for Global Trade Item Number (GTIN) items, if multiple items share the same GTIN.

Defect ID	347664, 347836
Case ID	Internal
Description	The traceability feature in the application must be enhanced to include the following functionalities:

- Transaction tracing
- User tracing
- Configuration data collection and master data collection during API execution
- First failure data capture during API execution

Solution: The traceability feature is enhanced to include the following functionalities:

Transaction Tracing - This feature enables the user to set the tracing level for a specific API or service invocation by passing an XML attribute called `'TransactionTracingLevel'` in the root element of the input XML. However, this feature first needs to be enabled through the System Management Console.

User Tracing - This feature provides a way to configure a tracing level for a given user so that all the API or service calls made by the user are traced with the configured tracing level. This feature needs to be enabled through the System Management Console.

For more information, refer the "Trace Component Details Screen" topic of the *Sterling Selling and Fulfillment Foundation : System Management and Administration Guide*.

Configuration Data dump - This feature provides an option to collect useful configuration and master data which is accessed during the execution of an API. This feature needs to be enabled by setting the property yfs.api.configuration.dump.mode in the customer_overrides.properties of the following values:

- NONE - Disabled.
- ON_ERROR - On the occurrence of an exception during the API execution, irrespective of the tracing level configured in System Management Console for the API, Configuration Data and Master Data are dumped in a separate log file.
- ON_VERBOSE - This is the default value. If an API is executed with VERBOSE level of tracing, then on successful completion of the API, Configuration Data and Master Data are dumped into the standard log file.
- ON_ERROR_AND_VERBOSE - Configuration Data and Master Data are dumped on occurrence of exception and also, when the API is run with VERBOSE level of tracing.

For more information, refer the of the 'System Management yfs.properties" topic of the *Sterling Selling and Fulfillment Foundation : Properties Guide*.

Defect ID	348669
Case ID	50493,004,000
Description	During order release if getExternalAvailabilityUE user exit is implemented, the system throws a NullPointerException.

Defect ID	351956
Case ID	07953,019,866
Description	If multiple currency conversion records for the same base currency in the Applications Manager is defined, and a user attempts to delete one of the records, all the records get deleted.

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Defect ID	284726
Case ID	Internal
Description	The application performs incorrect partial procurement when an order is scheduled and if appointment is present on the delivery order.

Defect ID	284883
Case ID	Internal
Description	The Schedule Order agent runs into an infinite loop, when a user performs the following sequence of actions for processing an order:

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.

   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	285231
Case ID	Internal
Description	The Release agent does not honor the node notification time configuration, when a user performs the following sequence of actions:

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 from N2.
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 "PPO(Procurement Purchase Order) created" status to the "PPO shipped" status.
4. Creates an order and associates a delivery service to it.
5. Schedules the SO such that the order moves to PPO status.
6. Receives the PO and closes the receipt.
7. Runs the ReleaseOrder agent.

Defect ID	287611
Case ID	Internal

Description	In the Sterling Business Center application, an error message is displayed and duplicate records are displayed on the Pricing Rule Details screen, when a user performs the following sequence of actions:

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. Deletes all the consecutive items except one in the new pricing rule.
4. Adds two or more new items in the pricing rule.
5. Deletes the remaining item.
6. Again adds multiple items in the pricing rule and clicks Save.

Defect ID	290124
Case ID	Internal
Description	When there are multiple items on the order, if the getPossibleSchedules API is invoked to partially procure the item to fulfill the demand, the getPossibleSchedules API does not partially procure the item from the procurement node.

Defect ID	302656
Case ID	Internal
Description	Once the item is turned HOT, each thread takes very long time to process inside Sync Block, results in performance degradation in a multi-threaded environment.

Defect ID	341694
Case ID	21301,082,000
Description	The releaseWorkOrder API does not handle the fractional quantity passed in the input xml, it converts the fractional quantity to their ceiling values.

Defect ID	344725
Case ID	Internal
Description	JBoss throws an out-of-memory exception while calling getOrderList API for more than 500 orders.

Defect ID	346639
Case ID	71037,082,000
Description	"java.util.ConcurrentModificationException" error message is displayed when a warehouse user performs the following sequence of actions:

1. Configures a sometime tag-controlled item.
2. Adjusts the inventory for the tag-controlled item, but does not adjust the tags.
3. Creates a count request and releases count request.
4. Logs in to the IBM Sterling Mobile application.
5. Executes the count request.

Defect ID	346974
Case ID	51151,004,000
Description	If AllowPartialReservation is set to N in the input xml, then the reserveAvailableInventory API is not able to reserve inventory for the bundle item that is shipped independently, even if inventory is available.

Defect ID	348226
Case ID	72604,082,000
Description	"YCM0002 : Mandatory Parameters for the Operation are missing" error message is displayed when a warehouse user performs the following sequence of actions:

1. Configures a sometime tag-controlled item.
2. Adjusts the inventory for the tag-controlled item.
3. Adds the shipment to a wave, releases the wave and batches it.
4. Logs in to the IBM Sterling Mobile application.
5. Navigates to the Induct Cart screen.
6. Inducts the cart to the batch.
7. Enters the Cart ID and clicks Go.
8. Scans the Item ID, tote, and location information.

Defect ID	348786
Case ID	73239,082,000
Description	The suggested Tag Number is not displayed in Induct Cart screen, when a user performs the following sequence of actions:

1. Configures a sometime tag-controlled item.
2. Checks tag identifier as Tag No.
3. Adjusts inventory for the tag-controlled item.
4. Creates a shipment by passing the ShipmentLineInvAttRequest element in the shipment line with lot information.
5. Adds the shipment to a wave, releases the wave and batches it.
6. Logs in to the IBM Sterling Mobile application.
7. Navigates to the Induct Cart screen and inducts the cart to start picking.

Defect ID	348849
Case ID	73442,082,000
Description	A session error is displayed, when a user performs the following sequence of actions:

1. Configures a sometime tag-controlled item.
2. Adjusts inventory for the tag-controlled item.
3. Creates a shipment. The shipment line quantity must be same as inventory adjusted in step 2.
4. Adds the shipment to a wave, releases the wave and batches it .
5. Logs in to the IBM Sterling Mobile application.
6. Navigates to the Induct Cart screen and inducts the cart to start picking.
7. Enters the item ID.

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Defect ID	337595
Case ID	35088,999,616
Description	The IBM Sterling Warehouse Management System 9.1 needs to support mass deployment of the IBM Sterling Mobile Applications on Compact Edition (CE) 6.0 devices.
	Solution: The IBM Sterling Mobile Application is now supported on Windows Compact Edition (WIN CE) 6.0 devices.

Defect ID	342058
Case ID	Internal
Description	"Serial tracking mandatory for the Item" error message is displayed when a warehouse user performs the following sequence of actions:

1. Creates a serial-tracked item.
2. Creates an outbound shipment.
3. Adjusts the inventory for the serial-tracked item.
4. Adds the shipment to a wave and releases the wave.
5. Logs in to the IBM Sterling Mobile application.
6. Starts the outbound picking.
7. Enters Item ID and quantity in the Pick screen.
8. Clicks Go.

Defect ID	342702
Case ID	22607,082,000
Description	The Warehouse Management System throws a Null Pointer Exception, when a user performs the following sequence of actions:

1. Configures a sometime or always tag-controlled item.
2. Adjusts inventory in a location and provides the tag information.
3. Creates a move request and completes the task by providing the tag information.
4. Invokes the getTaskList API with TagAttributes element in the template.

Defect ID	344609
Case ID	35122,999,616
Description	In the IBM Sterling Mobile application, the rotating hour glass obstructed the users from reading the error messages, when the error pop-up window is displayed.
	Solution: The rotating hour glass is removed when the error pop-up window is loaded completely.

Defect ID	344681
Case ID	84518,7TD,000

Description	The output of the getConfigurationDetail API for the bundle item BI1 in the resulting quote contains same CommerceItemKey attribute value for two I1 lines, when a user performs the following sequence of actions:

1. Creates a bundle item, BI1.
2. Associates BI1 with a configurable model, such that in the model, two different option classes OC1 and OC2 have same Item Id, I1.
3. In Sterling Field Sales, creates a quote and adds a configurable item BI1.
4. Configures the order line such that the same Item Id, I1 is selected as part of choices OC1 and OC2.
5. Clicks Copy as Alternative Quote hyperlink.

Defect ID	345124
Case ID	35236,999,616
Description	When a user logs in to the application as a Node user, in a clustered environment with multiple server nodes, an applet should be loaded in the following scenarios if the yfs.httpOnlyCookie property is set to false in the customer_overrides.properties:

- Navigates to the OutBound > Add to Manifest screen.
- Navigates to the OutBound > Pack Station screen.
- Navigates to the VAS > VAS Station screen.
- Navigates to the InBound > Receive screen.

Defect ID	345457
Case ID	49115,082,000
Description	The receiveOrder API does not honor the LPN information passed in the YFSBeforeReceiveOrderUE user exit implementation.

Defect ID	346671
Case ID	46043,082,000
Description	The IBM Sterling Mobile Application does not associate tote to outbound carton IBM when a warehouse user performs following sequence of actions. Due to this, the warehouse user is not able to manifest outbound carton by scanning the same tote:

1. Configures an equipment with multiple slots.
2. Configures task type to perform batch pick with pick into system suggested outbound container.
3. Associates the configured task type in Batch pick location assignment.
4. Adjusts inventory for the item in forward pick locations.
5. Creates multiple outbound shipments for the item.
6. Adds the shipment to a wave and releases the wave.
7. Containerizes and batches the wave.
8. Logs in to the IBM Sterling Mobile application.
9. Navigates to the Induct Cart screen.
10. Inducts the cart to the batch and performs cart pick by scanning tote and slot information.
11. Completes the Pick Tasks and deposits it to a manifest location.
12. Launches Add To Manifest screen in IBM Application Console and scans the same tote, that was scanned in step 10.

Fix Pack 31

Defect ID	283891
Case ID	00275017
Description	The *Sterling Selling and Fulfillment Foundation: Mobile Application User Guide* must be updated with the information that Receipt and Putaway of serial inventory is supported only if the inventory is received on cases or pallets.
	Solution: The 'Overview of Receipt and Putaway' topic of the *Sterling Selling and Fulfillment Foundation: Mobile Application User Guide* has been updated with the requisite information.

Defect ID	285993
Case ID	00309730
Description	The *Sterling Selling and Fulfillment Foundation: Warehouse Management System User Guide* and *Sterling Warehouse Management System: Printed Documents Guide* must be updated with the information that IBM recommends that a handling unit contain only items that have the same NMFC code.
	Solution: The 'VICS Bill Of Lading for Load' and 'VICS Bill Of Lading for Shipment' topics of the *Sterling Selling and Fulfillment Foundation: Warehouse Management System User Guide* and 'VICS Bill Of Lading' topic of the *Sterling Warehouse Management System: Printed Documents Guide* has been updated with the requisite information.

Defect ID	287303
Case ID	Internal
Description	When a user navigates to Global Inventory Visibility > Inventory Rules > Other Rules and checks the "Optimize supply on earliest ETA" flag, the 'Optimize Supply Selection To Maximize 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	287827
Case ID	00337521
Description	The *Sterling Selling and Fulfillment Foundation: Warehouse Management System User Guide* must be updated with the information that a user must clear the quantity field before selecting the "Close Container" action.
	Solution: The 'Pack Details Screen' topic of the *Sterling Selling and Fulfillment Foundation: Warehouse Management System User Guide* has been updated with the requisite information.

Defect ID	302650
Case ID	Internal

Description	When a user performs the following sequence of actions in the Sterling Business Center application, the system does not honor the customer assignments for a price list:

1. Configures a business customer with a non-empty relationship type defined for it.
2. Defines a price list for an item such that it is applicable for all customers having relationship type configured in step 1.
3. Navigates to the Test Pricing screen and selects the customer configured in step 1, as a business customer to get the price for the item.

   The actual price of the item is not displayed, as the price list does not get applied.

Defect ID	325732, 345038
Case ID	61944,999,760, Internal
Description	For minifying javascript files, it is mentioned in the provided documentation that a user must download the jsmin.jar file from the http://www.inconspicuous.org/projects/jsmin/JSMin.java link. However, access control is enabled for the link now.

Solution: Minifying javascript files using Third Party jar JSMin.jar will not be supported in future. Hence, as part of the fix, all dependencies on Third Party tool JSMin are removed. The following Guides has been updated with the required information:

- *Sterling Business Center: Customization Guide*
- *Sterling Selling and Fulfillment Foundation: Localizing the Web UI Framework*
- *Sterling Selling and Fulfillment Foundation: Customizing the Web UI Framework*

Defect ID	336944
Case ID	Internal
Description	When a user performs the following actions, the system throws a "No record found" exception:

1. Imports an order with payment information where the PaymentRuleID attribute is not stamped.
2. Calls the getOrderDetails API for that order.

   Although, the Payment Processing Required flag is disabled for the seller organization, the system searches for the PaymentRuleId attribute not stamped against the order.

Defect ID	336956, 302558
Case ID	Internal, 00368731

Description A performance degradation is observed when an SQL query having a column with Date datatype in the WHERE clause is fired in Oracle database using prepared statement. As, the index on that Date column is not used.

Solution: The application has been enhanced to support the TIMESTAMP datatype for Oracle database, so that the index on the column is used. For altering the datatype of a column from Date to Timestamp, a new ConsiderOracleDateTimeAsTimeStamp XML attribute has been exposed. The user must set the value of this attribute to true to change the datatype from Date to Timestamp. The user must extend the column definition in their entity extension XML to set this attribute.

For example, if the column MODIFYTS in the YFS_PERSON_INFO table, needs to be changed from Date to Timestamp for Oracle database, add the following entry in the extension XML:

`<Entity TableName="YFS_PERSON_INFO">`

`<Attributes>`

`<Attribute ColumnName="MODIFYTS" ConsiderOracleDateTimeAsTimeStamp ="true"/>`

`</Attributes>`

`</Entity>`

Defect ID	341194
Case ID	89328,004,000
Description	When a user performs the following sequence of actions, records of MODIFYTS day1 is not purged:

1. Configures SupplyTempPurge agent.
2. Maintains huge amount of data with the MODIFYTS of the data set to day1, day2, day3, and so on.
3. Runs SupplyTempPurge agent to purge data of day2 for more than one day.

Solution: A new OrderBy clause is added to the getJobs query to purge the records.

Defect ID	341527
Case ID	10660,100,838
Description	A performance degradation is observed when createOrder API is called for items belonging to a classification hierarchy, as multiple queries are fired on the following tables:

- YFS_CLASS_ITEM_ATTR.CATEGORY_KEY
- YFS_CATEGORY.CATEGORY_KEY
- YFS_CLASS_ITEM_ATTR.CATEGORY

Defect ID	344165
Case ID	24401,442,000

Description	If the YPMPricelistHeaderSelectionUE and YPMPricelistLineSelectionUE user exits are implemented at an Organization Level and not at a HUB level, the YPMPricelistLineSelectionUE user exit does not get invoked for getItemPrice API call.

Defect ID	342244
Case ID	20339,082,000
Description	When a user performs the following sequence of actions, the data published as part of the INVENTORY_VALUE_CHANGE event has ReasonText copied to ReasonCode, due to which the ReasonText attribute is missing:

1. Enables INVENTORY_VALUE_CHANGE event under the INVENTORY_COST_CHANGE transaction and publishes data for the event.
2. Enables "Maintain Inventory Cost" at node level.
3. Navigates to Global Inventory Visibility > Inventory Rules > Other Rules and enables "Inventory Costing Required".
4. Calls the adjustLocationInventory API with ReasonCode and ReasonText attributes.

Defect ID	344217, 342817
Case ID	Internal, 10892,100,838
Description	When a user performs the following sequence of actions, the shipment line has the ordering item instead of fulfillment item which has inventory:

1. Configures Global Trade Item Number (GTIN) such that there are multiple items with same GTIN.
2. Orders an item for an enterprise, whose inventory and catalog organization are maintained by other organization.

   Inventory is not available for the ordering item, it must be fulfilled by a separate fulfillment item with same GTIN.
3. Schedules and releases the order by setting the CheckInventory attribute to N.
4. Creates a shipment.

Defect ID	344689
Case ID	Internal
Description	When a user configures Global Trade Item Number (GTIN) such that there are multiple items with same GTIN, a deadlock occurs when the Real-Time Availability Monitor agent is run in a multi-threaded mode.

Defect ID	344939
Case ID	Internal

Description	When a user performs the following sequence of actions, the resulting inventory picture is incorrect as the supply for the item being ordered is modified:

1. Configures Global Trade Item Number (GTIN) such that there are multiple items with same GTIN.

2. Orders an item which does not have inventory to fulfill the order.

3. Schedules and releases the order by setting the CheckInventory attribute to N.

4. Creates a shipment and confirms the shipment with over-shipped quantity.

Defect ID	345124
Case ID	35236,999,616
Description	When a user logs in to the application as a node user, if the yfs.httpOnlyCookie property is set to 'false' in the customer_overrides.properties file, then in the following scenarios the Applet screen does not get loaded:

- Navigates to the OutBound > Add to Manifest screen.
- Navigates to the OutBound > Pack Station screen.
- Navigates to the VAS > VAS Station screen.
- Navigates to the InBound > Receive screen.

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Defect ID	326459
Case ID	34708,082,000
Description	The modifyCategoryItem API must be enhanced to raise CATEGORY_DEFINITION.AFTER_MODIFY_CATEGORY_ITEM event for each addition or removal of a category item.

Solution: The modifyCategoryItem API has been enhanced to raise CATEGORY_DEFINITION.AFTER_MODIFY_CATEGORY_ITEM event. The following event XML is published:

```
<CategoryItem Action="" CategoryItemKey="" CategoryKey="" ItemKey="">

<Category CategoryKey="" CategoryPath="" OrganizationCode="" />

<Item ItemKey="" ItemID="" UnitOfMeasure="" OrganizationCode=""/>

</CategoryItem>
```

Defect ID	330666
Case ID	24771,999,616

Description   The *API Sterling Selling and Fulfillment Foundation: Javadocs* for
receiveCustomerChanges API must include the information that
receiveCustomerChanges API internally calls manageCustomer API, and the
events raised for manageCustomer API will also be raised for
receiveCustomerChanges API.

Defect ID   340711

Case ID   65732,082,000

Description   If a shipment includes multiple customer orders, the e-mail sent by the
YCD_SHIP_NOTIFICATION agent must contain the details of all the orders
shipped as part of the shipment.

Solution: The e-mail notification now contains comma separated Order
Number values in the e-mail body.
Note: The user must change the subject in the YCD_SHIP_NOTIFICATION
service e-mail component from 'Order xml:/Order/@OrderNo has been
shipped' to 'Shipment Confirmation of Order(s) xml:/Order/@OrderNo' to
make it appropriate.

Defect ID   341704

Case ID   22599,082,000

Description   When a user performs the following sequence of actions, the system
displays "ErrorCode="YFC0004" ErrorDescription="Invalid Date Format" "
error message:

1. Logs in to the Applications Manager.
2. Navigates to the Warehouse Management System > Inventory > Count >
   Count Program > Count Program Details.
3. Creates a new count program condition.
4. Saves the Count Program Condition Details screen.

Defect ID   341851

Case ID   08890,004,000

Description   When the confirmShipment API is invoked for cancelled sales order, the
confirmShipment API throws a java.lang.NumberFormat exception instead of
throwing an appropriate error.

Solution: A new error message "OMP80_0090 :Shipment line cannot be
created for the canceled order line" is displayed.

Defect ID   342185

Case ID   01802,004,000

Description   When syncLoadedInventory API is invoked maximum open cursors
exception is found in the database, while inserting the data in the
YFS_INVENTORY_ACTIVITY table. As a result, a performance degradation
is observed in the production environment.

Defect ID   344107

Case ID   24508,082,000

Description When a user performs the following sequence of actions to complete the Outbound Pick Task (Batch Pick) from console, the system displays "Could not identify matching Shipment line." exception:

1. Creates a draft order.
2. Navigates to the Order Line Details > Inventory Information, enters the lot number.
3. Confirms the order.
4. Schedules the order and releases it.
5. Creates a shipment for the item, includes the shipment in a wave, and releases the wave to generate the task.
6. Creates a batch and releases the task from the batch hold.
7. Navigates to the Task Details screen to completes the task.
8. Enters the target location and Target case ID.
9. Clicks Save.

Fix Pack 29

Defect ID 302588

Case ID 00383703

Description When all the following conditions are met, the Real-Time Availability Monitor (RTAM) agent throws an out-of-memory exception in multi-threaded mode:

- "Assume Infinite Inventory Availability Beyond Lead Time" flag is turned on.
- "Use Unplanned Inventory" flag is set to No for an item.
- The number of inventory activity records are very high.

Defect ID 334338

Case ID 62339,820,820

Description When a user performs the following sequence of actions, the getPersonInfoList API ignores the extension fields in the input and does not return the matching records from the YFS_PERSON_INFO table:

1. Extends the YFS_PERSON_INFO table to add one or more columns to the table.
2. Invokes the getPersonInfoList API by passing the 'Extn' element in the input XML of the API.

Defect ID 341030

Case ID 21362,082,000

Description   When a user performs the following sequence of actions, the system mandates for tag information:

1. Creates a sometime tag-controlled item.
2. Creates a purchase order (PO) with some quantity of the created item.
3. Confirms the PO.
4. Logs in to the Sterling Mobile application.
5. Navigates to Receive > Purchase Order and enters the PO number in the Order Detail screen.
6. Enters the Location and Item ID.

Fix Pack 28

Defect ID   329200

Case ID   41342,550,000

Description   The *Sterling Selling and Fulfillment Foundation: Distributed Order Management Configuration Guide* must be updated with the information that the configuration for a Payment Card Type does not contain entry for partial reversal and charge up to available.

Solution: In the 'Creating a Payment Card Type' topic of the *Sterling Selling and Fulfillment Foundation: Distributed Order Management Configuration Guide* the following fields are removed from the Payment Card Type Details Window table:
- Partial Reversal Supported
- Charge Up To Available Field

Defect ID   331719

Case ID   63680,379,000

Description   When a user performs the following sequence of actions, an extra demand is created for an item at a node:

1. Creates Node Transfer Relationship between 2 nodes, N1 and N2. **Note:** Inventory exists only for node N2.
2. Creates sales order for an item having 2 quantities for node N1.
3. Schedules the sales order.

   Procurement Transfer Order (PTO) is created for the item having 2 quantities.
4. Schedules the PTO and releases it.
5. Ships 1 quantity and receives 1 quantity at node N1.
6. Releases the sales order.

   1 quantity is released and 1 quantity is in PTO created status.
7. Calls the splitLine API for released quantity to split the orderline.

Defect ID   334639

Case ID   89911,999,000

Description   When reserveAvailableInventory API is called with verbose log enabled, a warning message "Default template not found for reserveAvailableInventory" is displayed in the log file.

Defect ID	336592
Case ID	80410,7TD,000
Description	If the cookies are sent from browser, the JSESSION ID parameter present in the URLs of JavaScript files and cache-able files, such as css, images files must be removed, as it affects the browser cache.

Defect ID	336595
Case ID	Internal
Description	The scCSRFToken query parameter must not be included in the cache-able JavaScript files, as it affects the browser cache. **Note:** The Item Configurator JavaScript files may contain scCSRFToken query parameter in the URL.

Defect ID	336778
Case ID	92541,379,000
Description	From the Order Details screen, when a user navigates to the Order line Audit screen to view the audit list for the history order, the error message "ORA-904 : ORA-00904:"YFS_ORDER_AUDIT_H"."ORDER_HEADER_KEY": invalid identifier" is displayed.

Defect ID	338663
Case ID	15692,057,649
Description	A new property must be exposed to remove the XML declaration from the OMS Webservice SOAP response. **Solution**: A new property "skip_xml_declarations_to_support_non_standard_rad_tooling" has been exposed. The default value of this property is set to false. **Note:** If the "skip_xml_declarations_to_support_non_standard_rad_tooling" property is set in the customer_overrides.properties file, the user must set the yfs.skip_xml_declarations_to_support_non_standard_rad_tooling" property to true to remove the XML declaration from the OMS Webservice SOAP response. **Note:** The user can also set the system property "-Dskip_xml_declarations_to_support_non_standard_rad_tooling" to true as an argument in the Java command of the application server to remove the XML declaration from the OMS Webservice SOAP response.

Defect ID	339548
Case ID	10449,100,838
Description	For Real-Time Availability Monitor agent, the JVM level caching does not work when Distribution Group is inherited from a parent organization.

Defect ID	340555
Case ID	35133,999,616

Description   When a user performs the following sequence of actions, the system blanks out the stamped SCAC information:

1. Configures a routing guide and sets Carrier Service Code as "Ground".
2. Calls the consolidateToshipment API for an order release with Carrier Service Code set to "Ground".
3. Runs the Route Shipment agent.

   The shipment will be in routed status.
4. Runs the consolidatetoShipment API for different order releases with Carrier Service Code set to "Ground", so that it is consolidated with the existing shipment.

Fix Pack 27

Defect ID   284363

Case ID   Internal

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.

Defect ID   335442

Case ID   87037,004,000

Description   The findInventory API takes long time in the makeItemNodeCollection method to fetch inventory details, even if inventory is available in few ship nodes as it also considers the ship nodes with no inventory.

Solution: The findInventory API performance has been improved provided when the findInventory API is not called for Procurement options and to check the availability of Promised Demand Types.

Defect ID   336194

Case ID   07492,019,866

Description	When a user performs the following sequence of actions, getATP API output displays an incorrect demand for consuming organization:

1. Creates 3 organizations, A, B, and C, such that A is an Inventory Organization of B.

   C is a Seller Organization and consumes from Inventory Organization A.

2. Configures Inventory Organization Relationship by navigating to the Application Manager > Application Platform > Participant Modeling>Participant Setup > C > Roles and Participation > Advanced attributes.

3. Selects A as the Consumable inventory organization of C.

4. Adjusts 'ONHAND' and 'FUTURE' inventory for organization A.

5. Creates orders for Seller Organizations B and C such that the demand for organizations B and C exceeds the supply.

Defect ID	336566
Case ID	Internal
Description	The <RecordExternalCharges/> and <PaymentTransactionErrorList/> elements sent in the output of the service plugged in YCD_ExecuteCollectionCreditCard_Proxy_1.0 are not processed.

Defect ID	336759
Case ID	Internal
Description	A performance degradation is observed in the Web UI Framework applications, such Sterling Field Sales, as several CSS file requests are sent to the server.
	Solution: The 'appcommon' module CSS files, which are used by the Web UI Framework based applications, have been combined into an additional single CSS file. Now the respective Web UI Framework applications have an option to use this combined CSS file instead of individual CSS files, in order to send less CSS requests to the server thus improving the performance.

Defect ID	336761
Case ID	80249,7TD,000
Description	When Cross Site Request Forgery (CSRF) validation is enabled, the models in Visual Modeler cannot be compiled and tested.
	Solution: The new Sterling Item Configurator URL property of Visual Modeler must be in the following format:
	http://<ip:port>/<sbc-context>/sbc/item/VM-Test-Configure.action.

Fix Pack 26

Defect ID	290369
Case ID	Internal
Description	When containerization is performed based on the SKU Unit Size Constraints, the containerizeWave API does not completely utilize the container capacity due to incorrect container volume validations.

Defect ID	290857, 290894
Case ID	Internal
Description	When the following conditions are met, the system allocates the same inventory to different shipments resulting in a negative net quantity:

1. Configures the Pick Location Assignment to pick inventory from a location.
2. Configures tag-controlled item.
3. Adjusts inventory in the location for the item.
4. Creates a shipment for the item, includes the shipment in a wave, and releases the wave.

   All the inventory from the location will be allocated to the shipment.
5. Creates another shipment for item, includes the shipment in a wave, and releases the wave.

   The same inventory is allocated from the location for the second shipment resulting in a negative net quantity from the location.

Defect ID	310453
Case ID	00386318
Description	When a container SKU Capacity Definition is set, the ContainerizeWave API creates an extra container, if the maximum weight that can be placed in a container and the items unit weight have different units of measure.

Defect ID	315663
Case ID	51565,379,000
Description	The *Sterling Selling and Fulfillment Foundation: Properties Guide* must be updated with the yantra.charttransformer.allowscriptaccess property details.
	Solution: The 'User Interface yfs.properties' topic of the *Sterling Selling and Fulfillment Foundation: Properties Guide* has been updated with the requisite information.

Defect ID	319289
Case ID	30188,7TD,000
Description	When a user performs the following sequence of actions, the region information does not get populated in the Customer Profile Assignments screen:

1. Configures the 'Region Usage for Selling' by selecting a Region schema in the Applications Manager > Distributed Order Management > Cross Application > Customer.
2. In Sterling Business Center, navigates to Item > Customer Entitlement screen.
3. Selects Customer Assignment tab to add a Region in the Customer Profile Assignments screen.

Defect ID	328161
Case ID	Internal

Description	When a user performs the following sequence of actions, the current date manifest gets closed at Pierbridge side instead of earlier date:

1. Configures UPS carrier to use Pierbridge.
2. Ensures all the servers are in the same time zone.
3. Closes the manifest.

Defect ID	328310
Case ID	61811,999,760
Description	When multibyte is enabled for DB2, which is used for database tier, the Name fields in the Customer table are not sized appropriately to accommodate multibyte characters.

Defect ID	331731
Case ID	77501,442,000
Description	When getOrderPrice API is called , the 'PersonInfo' attributes under 'SelectionCriteria' element of this XML is not passed as an input to YPMPriceListHeaderSelectionUE user exit.

Defect ID	328892
Case ID	Internal
Description	While exporting data using the Configuration Deployment Tool (CDT) few of the tables are missing, because of which the configuration does not get deployed from the source to the target environment completely.

Solution: The missing tables have been included in CDT configuration.

Defect ID	333969
Case ID	Internal
Description	The *Sterling Selling and Fulfillment Foundation: System Requirements Guide* must be updated with the Oracle RAC configurations.

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

Defect ID	335344
Case ID	34311,082,000
Description	As some records from the YCS_PLD_DETAIL table are not available, the Customer Reference numbers that were part of the shipCarton XML were not getting included in the Pierbridge request XML.

Fix Pack 25

Defect ID	284871
Case ID	Internal

Description	When the getOrderList API is called with the minimal template, performance degradation is observed due to unnecessary database accesses.

Solution: The following elements in the getOrderList API output are made template driven:
- LineTaxes,
- LineCharges
- ChildOrderLineRelationships
- ParentOrderLineRelationships
- ServiceAssociations
- ProductAssociation
- DeliveryAssociations

Defect ID	288753
Case ID	Internal
Description	On invoking the getCompleteItemList API, the system fires multiple queries on the YFS_ATTR_ALLOW_VAL_LOCALE table, and therefore, results in performance degradation.

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

Defect ID	289679
Case ID	Internal
Description	The localization logic for fetching the localized description is not picking up the correct descriptions from locale tables.

Defect ID	310457
Case ID	00370795
Description	During the manual count process, if a user modifies the quantity of the alternate Unit Of Measure, the total quantity is incorrectly displayed in the Quantity Entry screen.

Defect ID	320526
Case ID	Internal
Description	In a procurement scenario, if two purchase orders are shipped on different dates for the same item that reaches the ship node on the same date, on calling the createOrder API and scheduleOrder API in one single transaction boundary, the scheduleOrder API goes into an infinite loop.

Defect ID	328941
Case ID	Internal
Description	DECIMAL to DECIMAL column alteration must be allowed for DB2.

Solution: DECIMAL to DECIMAL column alteration is allowed for DB2. For DB2, a user must set the DB2_ALLOW_REQUIRE_REORG_STMTS and DB2_ALLOW_REORG_STMTS properties to true in sandbox.cfg.

Defect ID	328972
Case ID	40048,550,000
Description	The input to the service implementing YCD_ExecuteCollectionCreditCard_Proxy_1.0 must be populated with all the attributes in YFSExtnPaymentCollectionInputStruct. The expected output of the service plugged in YCD_ExecuteCollectionCreditCard_Proxy_1.0 must be enhanced to accept two new child elements, PaymentTransactionError and RecordAdditionalTransactions that are passed as the output of the com.yantra.yfs.japi.ue.YFSCollectionCreditCardUE user exit.

Defect ID	330157
Case ID	90075.379.000
Description	When a user performs the following actions, the reverse authorization does not get created: 1. Enables Reverse Excess capability for a credit card payment type. 2. Creates an order with two orderlines. 3. Runs the processOrderPayment API to authorize the credit card payment type. 4. Schedules the order. 5. Cancels the order. 6. Calls the requestCollection API.

Defect ID	331907, 330130
Case ID	41377,550,000, 73086 379 000
Description	When a user performs the following actions, the reverse authorization does not get created: 1. Enables Reverse Excess capability for a credit card payment type. 2. Creates an order with two orderlines for some amount. 3. Runs the processOrderPayment API to authorize the credit card payment type. 4. Cancels an orderline. 5. Calls the requestCollection API.

Defect ID	332039
Case ID	56960,49r,000
Description	The application must not throw an exception, when a user runs the getCompleteOrderDetails API to retrieve the order details for an order that contains a non-configurable item in an order line, with the output template containing < BOMProperties/> element under the <OrderLine/> element.

Defect ID	334637
Case ID	52723,7TD,000
Description	When any request is sent to a server from the browser, JSESSSIONID gets appended in the URL. Therefore, whenever a user logs in to the application, performance degradation is observed as the files are not fetched from the cache. **Solution**: JSESSSIONID has been removed from the URL.

Defect ID	334638
Case ID	52723,7TD,000
Description	The getUserHierarchy and getRuleDetails API calls in a Sterling Field Sales-Salesforce integrated environment must be modified to return an output that is less in size in order to reduce the API execution time.

Defect ID	334680
Case ID	68576 7TD 000
Description	When a user installs any Sterling Selling and Fulfillment Foundation 9.1 Fix Pack from Fix Pack 16 to Fix Pack 24, the pre-compilation of JSPs fails.

Fix Pack 24

Defect ID	319992
Case ID	Internal
Description	A new jar signature must be added to the Sterling Selling and Fulfillment Foundation, Release 9.1.0 to extend the validity.

Defect ID	322634
Case ID	Internal
Description	The following guides must be updated with the information for PA-DSS compliance with PA-DSS 2.0: • *Sterling Sensitive Data Capture Server, Release 1.1: PA-DSS Implementation* • *Sterling Sensitive Data Capture Server, Release 1.1: Configuration* • *Sterling Selling and Fulfillment Foundation: System Requirements* **Solution**: The requisite information has been updated in the following guides: • *Sterling Sensitive Data Capture Server, Release 1.1: PA-DSS Implementation* • *Sterling Sensitive Data Capture Server, Release 1.1: Configuration* • *Sterling Selling and Fulfillment Foundation: System Requirements*

Defect ID	326085
Case ID	Internal
Description	The following two new indices must be added to the manageConfiguration API to improve the performance: • YIC_BOM_LINE.PARENT_LINE_KEY • YIC_BOM_PROP.BOM_LINE_KEY

Defect ID	320968
Case ID	Internal

Description   The *Sterling Selling and Fulfillment Foundation: Secure Deployment Guide* must
be updated to indicate that Sterling Sensitive Data Capture Server is
currently validated by PCI PA-DSS.

Solution: The requisite information has been included in Chapters, " PCI
PA-DSS Strategy Introduction" in the *Sterling Selling and Fulfillment
Foundation: Secure Deployment Guide*.

Defect ID   328720

Case ID   55550,49R,000

Description   When a user performs the following sequence of actions, the updated date is
not propagated to the parent sales order:

1. Creates a sales order for an item .
2. Schedules the order and the order goes to Awaiting Chained Order
   status.
3. Creates a chained order using the createChainedOrder API.

   Purchase order (PO) gets created.
4. Moves the PO to the Included Shipment status.
5. Calls the changeShipment API to change the ExpectedDeliveryDate or
   ExpectedShipmentDate.

Defect ID   328755

Case ID   Internal

Description   When a user runs the INVENTORY_MATCH agent, the system throws an
SQL exception.

Defect ID   330184, 329053

Case ID   41649,550,000, 82725,057,649

Description   The input XML template for the services implementing the
YCD_ExecuteCollectionCreditCard_Proxy_1.0 must contain all the available
fields of the YFSExtnPaymentCollectionInputStruct.

Solution: The input passed to the
YCD_ExecuteCollectionCreditCard_Proxy_1.0 service is as follows;

```
<Payment AuthorizationId="" BillToAddressLine1="" BillToCity=""
BillToCountry="" BillToDayPhone="" BillToEmailId=""
BillToFirstName="" BillToId="" BillToKey="" BillToLastName=""
BillToState="" BillToZipCode="" bPreviouslyInvoked=""
ChargeTransactionKey="" ChargeType="" CreditCardExpirationDate=""
CreditCardName="" CreditCardNo="" CreditCardType="" Currency=""
CurrentAuthorizationAmount="" CurrentAuthorizationExpirationDate=""
CustomerAccountNo="" CustomerPONo="" DocumentType=""
EnterpriseCode="" FirstName="" LastName="" MerchantId=""
MiddleName="" OrderHeaderKey="" OrderNo=""
PaymentConfigOrganizationCode="" PaymentKey="" PaymentReference1=""
PaymentReference2="" PaymentReference3="" PaymentType=""
RequestAmount="" SecureAuthenticationCode="" ShipToAddressLine1=""
ShipToCity="" ShipToCountry="" ShipToDayPhone="" ShipToEmailId=""
ShipToFirstName="" ShipToId="" ShipToLastName="" ShipToState=""
ShipToZipCode="" ShipTokey="" SvcNo="">

<CreditCardTransactions>

<CreditCardTransaction AuthAmount="" AuthAvs="" AuthCode=""
AuthReturnCode="" AuthReturnFlag="" AuthReturnMessage="" AuthTime=""
CVVAuthCode="" ChargeTransactionKey="" CreditCardTransactionKey=""
InternalReturnCode="" InternalReturnFlag="" InternalReturnMessage=""
ParentKey="" Reference1="" Reference2="" RequestId="" TranAmount=""
TranRequestTime="" TranReturnCode="" TranReturnFlag=""
TranReturnMessage="" TranType=""/>

</CreditCardTransactions >

</Payment>
```

Defect ID	329042
Case ID	87505,033,000

Description   The performance of the Real-Time Availability Monitor agent must be
improved.

Solution: A new JVM level cache has been introduced to improve
performance of Real-Time Availability Monitor (RTAM) agent in a
multi-threaded environment and the performance of RTAM is improved for
the scenario when user configures a large set of nodes for Distribution
Group at enterprise level.

Fix Pack 23

Defect ID	284728
Case ID	Internal

Description	The Null Pointer Exception occurs when a user implements the ConfirmAssignmentUE user exit, and creates and schedules an order with bundle items in a single transaction boundary.

Defect ID	286687
Case ID	Internal
Description	When a user performs the following sequence of actions, the exception, "DistributionRuleId is not valid for this ItemGroupCode and Organization" occurs when Distribution Group is defined for an Enterprise which is also used for the Sourcing Rule:

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

Defect ID	286943
Case ID	Internal
Description	When a user calls the InventoryPurgeAgent, it throws an "ORA-01841: (full) year must be between -4713 and +9999, and not be 0" exception, when the LastIBAProcessedTimestamp is passed in the input.

Defect ID	289947
Case ID	Internal
Description	When a user creates an order and calls the getOrderLineList API without LineTax or LineCharge elements in the output XML, the SQL Query is fired on the YFS_TAX_BREAKUP table to fetch the tax details, even if the elements are not passed as part of the output XML.
	ok
Defect ID	290862
Case ID	Internal
Description	When the getOrderLineList API is invoked, the SQL query on the YFS_ORDER_LINE table is fired multiple times. The first SQL query is fired to get all the OrderHeaderKey and then the OrderHeaderKey for each order line. As, the SQL query is fired for each order, it results in performance degradation.

Defect ID	323084
Case ID	00382955
Description	The application must be enhanced to support 6 decimal precision for Manual Pricing Rule percentage adjustment for Line level and Order level Manual adjustments to enable finer control on the amount of discount given.

Fix Pack 22

Defect ID	322111
Case ID	33476,550,000
Description	The getOrderList API must be enhanced to support promotion based order search.
	Solution: A new element, Promotion, has been added in the input xml of the getOrderList API.
	For more information about the getOrderList API, refer the *Selling and Fulfillment Foundation: Javadocs*.

Defect ID	324081
Case ID	34713,550,000
Description	When a user performs the following sequence of actions, the existing positive charge gets consolidated with the negative charge:

1. Configures charge consolidation for a payment type.
2. Selects "Do Not Allow Debit and Credit Invoices to Settle Against Each Other".
3. Creates an order for some amount.
4. Schedules the order and releases it.
5. Creates a shipment.
6. Creates a shipment invoice.
7. Runs the requestCollection agent.
8. Applies a discount to the order.
9. Again runs the requestCollection agent.

Fix Pack 21

Defect ID	315955
Case ID	53136,379,000
Description	If a sales order has a work order and is in procurement transfer order created status, when the last order line is removed from the work order, the system throws a NullPointerException.

Defect ID	319902
Case ID	61437,379,000
Description	The Web Service Definition Language files generated while exposing a webservice on the Websphere application server includes an extra space for some of the XML attributes. Therefore, a user may face an issue while invoking the webservice.

Defect ID	321537

Case ID	89439,999,000
Description	In the YFS_IBA_Trigger table, if IBA_Run_Required="Y" for an item and the item is deleted using the manageItem API, the IBA agent throws a NullPointerException.

Fix Pack 20

Defect ID	291335
Case ID	Internal
Description	When a user performs the following sequence of actions, two pop-up windows are displayed. One for modify reason and other with an invalid order error:

1. Creates an order
2. Searches for order.
3. Navigates to the Order List screen and selects the order.
4. Clicks Cancel.

Defect ID	312993
Case ID	Internal
Description	The *Sterling Selling and Fulfillment Foundation: Customizing APIs Guide* must be updated with the information that Z is supported as the GMT identifier in Date or Time input fields.
	Solution: The requisite information has been included in the 'Using Date-Time Syntax' section of the *Sterling Selling and Fulfillment Foundation: Customizing APIs Guide* .

Defect ID	318409
Case ID	Internal
Description	In a multi-schema environment, when an API input xml contains the parent table along with its hang off, the system throws a NullPointerException as the child hang off table name does not get resolved properly.

Defect ID	319826
Case ID	48342,005,000
Description	When a user performs the following sequence of actions, one order line is scheduled and other order line gets backordered:

1. Adjusts inventory for fractional quantity, such as 2.61.
2. Creates an order with 2 order lines having fractional quantity, such as 1.24 and 1.37.
3. Schedules the order.

Fix Pack 19

Defect ID	315820
Case ID	52956,379,000
Description	When multiple users access the application, the application server threads keep waiting to acquire a lock on the 'statistics collector', which results in performance degradation.

Defect ID	317975
Case ID	32382,550,000
Description	When a user performs the following sequence of actions, the order line status is incorrectly updated, if returns are received separately:

1. Creates a custom status for returns.
2. Creates a return listener for which one of the drop status is same as the pick status.
3. Creates an order.
4. Schedules the order, releases it, and ships the order.
5. Creates a return for some quantity.
6. Calls the changeOrderStatus API to change the status from Receipt Closed to custom status, such as Inspection Passed.
7. Again creates a return for remaining quantity and calls the changeOrderStatus API. The status of the order line is incorrectly updated.

Note: The issue has been fixed, assuming that all the order lines are listening to same return status at a time.

Fix Pack 18

Defect ID	285401
Case ID	Internal
Description	The *Selling and Fulfillment Foundation: Performance Management Guide* and *Selling and Fulfillment Foundation: Properties Guide* must be updated with the information about controlling the logging levels.

Solution: In the *Selling and Fulfillment Foundation: Performance Management Guide* refer to the "Logging Level" topic. In the *Selling and Fulfillment Foundation: Properties Guide* refer to the "Logging Configuration" topic.

Defect ID	285571
Case ID	Internal

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   286118

Case ID   Internal

Description   Some of the numeric weight fields do not consider decimal digits.

Defect ID   286769

Case ID   Internal

Description   For Commercial Invoice with multiple pages, the data must be printed in the order of first to last page sequentially to fill each page with full capacity.

Solution: The mapping XMLs of the Commercial Invoice prints must be extended to pass <RepeatingField LabelFieldName="FillLastPageCompletely" LabelFieldValue="N"/> element as a child element of the <RepeatingField> elements.

Defect ID   303902

Case ID   IC81835

Description   While upgrading from a lower version of the product to Sterling Selling and Fulfillment Foundation, Release 9.1, if Sterling Selling and Fulfillment Foundation, Release 9.1 is installed with 'no local copy of JVM' option, the system displays an error during database migration.

Defect ID   311638

Case ID   Internal

Description   The Sterling Selling and Fulfillment Foundation 9.1 must be certified to support Pierbridge version 6.5.102.

Solution: The Sterling Selling and Fulfillment Foundation 9.1 is certified to support Pierbridge version 6.5.102.

Defect ID   312978

Case ID   Internal

Description   When a user creates an order and invokes the recordExternalCharges API to record the external payment details by passing the AuthorizationExpirationDate attribute, having date and time with milli seconds and character 'Z' stamped, the system throws an invalid date format exception.

Defect ID   312986

Case ID   Internal

Description   For a GMT format, the application must support the character 'Z' as the timezone identifier for all the date and time fields passed as an API input.

Defect ID	313497
Case ID	90004,999,000
Description	If a hang-off table is created for the YFS_ORDER_LINE table, when the getOrderList API is invoked with the 'ReadFromHistory=B|Y' attribute, the getOrderList API throws the "YFS_ORDER_LINE"."ORDER_LINE_KEY":invalid identifier" error.

Defect ID	314299
Case ID	24847,379,000
Description	When a user performs the following sequence of actions, the system displays the error message, "This Appointment is past due and must be retaken":

1. Sets the yfs.install.date.bcmode=Y in the customer_overrides.properties.
2. Logs in to the application.
3. Creates an order with a delivery order line.
4. Navigates to the Calendar screen and takes an appointment for the current day.

Defect ID	314944
Case ID	51562,379,000
Description	Security issues have been addressed.

Defect ID	314946
Case ID	Internal
Description	The *Sterling Selling and Fulfillment Foundation: System Requirements Guide* must be updated with the information that Sterling Selling and Fulfillment Foundation 9.1 is certified to support Pierbridge version 6.5.102.

Solution: In the *Sterling Selling and Fulfillment Foundation: System Requirements Guide* refer to the " System Requirements-Third-Party Software" topic.

Defect ID	314952
Case ID	51563,379,000
Description	Security issues have been addressed.

Defect ID	315107
Case ID	Internal

Description   The *Selling and Fulfillment Foundation: Performance Management Guide* and *Selling and Fulfillment Foundation: High Availability Guide* must be updated with the information about DB2 PureScale.

Solution: In the *Selling and Fulfillment Foundation: Performance Management Guide* refer to the "DB2 PureScale" topic. In the *Selling and Fulfillment Foundation: High Availability Guide* refer to the "IBM DB2 Active/Active Using DB2 Purescale" topic.

Defect ID   315305

Case ID   Internal

Description   The *Selling and Fulfillment Foundation: High Availability Guide* must be updated with the information about Oracle RAC.

Solution: In the *Selling and Fulfillment Foundation: High Availability Guide* refer the following topics:
- Oracle RAC Active/Active
- Configuring Sterling Selling and Fulfillment Foundation with Oracle RAC
- Client-Side Load Balancing using SCAN
- Target Utilization in an Oracle RAC Active/Active Configuration

Defect ID   316195

Case ID   Internal

Description   The *Selling and Fulfillment Foundation: Performance Management Guide* must be updated with the information about Oracle RAC.

Solution: In the *Selling and Fulfillment Foundation: Performance Management Guide* refer the following topics:
- Supported DB Platforms
- WebLogic Connection Pool Properties
- Fast Application Notification Support

Fix Pack 17

Defect ID   291290, 314573

Case ID   00384823

Description   The getOrderLineDetails API, getOrderLineList API, and getCompleteOrderDetails API must be enhanced to include the following element in the output:

```
<BOMProperties>

<propery name="" type="" value=""/>

</BOMProperties>
```

For more information about the getOrderLineDetails API, getOrderLineList API, and getCompleteOrderDetails API, refer to the *Sterling Selling and Fulfillment Foundation: Javadocs*.

Defect ID	302644
Case ID	Internal
Description	The SQL query to fetch attributes pertaining to price list must be optimized.

Defect ID	304576
Case ID	00384712
Description	A duplicate PRODUCTIVITY_I2 index is created on DB2.

Defect ID	309740
Case ID	Internal
Description	When a user runs the Realtime Availability Monitor Agent (RTAM), the availabilityinfo column present in the YFS_INVENTORY_ALERTS table does not get updated.

Defect ID	311873, 314947
Case ID	Internal
Description	The Sterling Selling and Fulfillment Foundation 9.1 must be certified to support Loftware version 9.8. **Solution:** The Sterling Selling and Fulfillment Foundation 9.1 is certified to support Loftware version 9.8. The requisite information has been included in Chapters, " System Requirements-Third-Party Software" in the *Sterling Selling and Fulfillment Foundation: System Requirements Guide*.

Defect ID	313315
Case ID	24163,379,000
Description	The getItemListForOrdering API call in an Sterling Field Sales-Salesforce integrated environment must be modified to return an output that is less in size to reduce the API execution time.

Fix Pack 16

Defect ID	285577
Case ID	Internal
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 a valid `requestAmount` must be passed. For more information about the `recordExternalCharges` API, refer the *Sterling Selling and Fulfillment Foundation: Javadocs*.

Defect ID	287306
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	301809
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	301884
Case ID	00345334
Description	The application must be enhanced such that a user can configure Payment 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, refer to the **Defining Payment Types**, **Defining Payment Rules**, **Defining Additional Payment Rules**, and **Defining Payment Card Types** sections in the *Sterling Selling and Fulfillment Foundation: Distributed Order Management Configuration Guide*

Defect ID	302035
Case ID	Internal
Description	Security issues have been addressed. **Known Issues**: When Cross Site Request Forgery (CSRF) validation is on, the models in Visual Modeler (VM) cannot be compiled and tested. **Workaround**: NA

Defect ID	302233
Case ID	Internal

Description	Security issues have been addressed.

Defect ID	302235
Case ID	Internal
Description	Security issues have been addressed.

Defect ID	302243
Case ID	Internal
Description	During failover, Integration Server thread gets stuck and is not executed, because some of the client JVM threads in the Agent and Integration Server JVMs may not detect the disappearance of its Oracle database server peer during the Oracle Real Application Cluster (RAC) node failure. The affected threads will continually listen on DB sockets that don't exist anymore. Java thread dumps will show that the affected thread is in a locked state, waiting on the database connection. A large number of affected threads will reduce the application processing throughput and cause performance degradation.
Solution	Restart the affected Agent or Integration Server.

Defect ID	302267
Case ID	Internal
Description	TIBCO Java Messaging Service (JMS) connection threads are not closed after failover because the connections continue to hit the node that is not active anymore.

Defect ID	304014
Case ID	00306019
Description	Creating a Procurement Transfer Order (PTO) by scheduling an order for an hot item and later cancelling it when there is no demand for that item results in not considering the negative demands for the `getDemandSummary` API call.

Defect ID	304025
Case ID	Internal
Description	After running the `loadDefault` script to create locale and its details, the currency description is not created for Spanish locale.
Solution	You must create a currency definition for Spanish locale manually.
	Additionally, you may refer to the note added in the **Loading the Sterling Selling and Fulfillment Foundation Language Pack Factory Defaults for Windows** and **Loading the Sterling Selling and Fulfillment Foundation Language Pack Factory Defaults for UNIX/Linux** sections in the *Sterling Selling and Fulfillment Foundation: Installation Guide*.

Defect ID	309741
Case ID	Internal
Description	The Fix_Pack_Installation.txt file does not have instructions on how to apply the entity changes to database schemas other than the installation schema.

Solution   In Fix_Pack_Installation.txt file, a new section **Applying Fix Pack Database and Factory setup changes to database schemas other than installation schema** has been added that provides steps to modify database and factory setup to other database schemas.

Fix Pack 15

Defect ID   245796

Case ID   Internal

Description   The *Selling and Fulfillment Foundation: Installation Guide* must be updated with the ORACLE_JDBC_URL information .

Solution: The requisite information has been included in the 'Windows Silent Install File Parameters' and 'UNIX/Linux Silent Install File Parameters' topics of the *Selling and Fulfillment Foundation: Installation Guide* .

Defect ID   254559

Case ID   00356495

Description   The *Selling and Fulfillment Foundation: Upgrade Guide* must be updated with the correct navigation path to enable Display Error Details permissions.

Solution: The requisite information has been included in the 'Display Error Details Permission is Removed' topic of the *Selling and Fulfillment Foundation: Upgrade Guide* .

Defect ID   257693

Case ID   Internal

Description   During failover, Integration Server thread gets stuck and does not gets executed.

Known Issues: During the Oracle RAC node failure, some of the client JVM threads in the Agent and Integration Server JVMs may not detect the disappearance of its Oracle database server peer. The affected threads will continually listen on DB sockets that does not exist anymore. A Java thread dumps will show the affected thread is in a locked state waiting on the database connection.

A large number of affected threads will reduce the application processing throughput and can cause performance degradation.

Workaround: Restart the affected Agent or Integration Server.

Defect ID   258223

Case ID   Internal

Description   When a user enables Random Key Generation feature for the YFS_ORDER_LINE_SCHEDULE table and calls any transaction to inserts record in the YFS_ORDER_LINE_SCHEDULE table, the Random Key does not get generated for the YFS_ORDER_LINE_SCHEDULE table.

Defect ID	258546
Case ID	Internal
Description	When a SQL query is executed, if the yfs.app.identifyconnection property is set to 'Y', the system attempts to execute connection tracking operation (for Oracle, DBMS_APPLICATION_INFO procedure and for DB2 setDB2ClientApplicationInformation method on connection). This results in performance degradation.
	Solution: The system will execute connection tracking operation only once for each transaction, instead of doing it for each SQL execution.

Defect ID	258806
Case ID	00382410
Description	When a user implements the YPMGetOrderPriceUE user exit and calls the createOrder API, the system throws a NullPointerException.

Defect ID	258949
Case ID	00385696
Description	The OrderLineReservations element of WorkOrderProdDelivery element in the getOrderFulfillmentDetails API causes a NullPointerException.

Defect ID	259031
Case ID	00384647
Description	The application must be certified to support Oracle 4-Node RAC . **Note:** The Sterling Selling and Fulfillment 9.1 is supported on Oracle Real Application Cluster 11.2.0.2 that is configured with up to four nodes.

Content

Currently, the following Sterling Selling and Fulfillment applications are certified for use with Oracle Real Application Cluster 11.2.0.2:
- Sterling Distributed Order Management System
- Sterling Field Sales
- Sterling Business Center
- Sterling Call Center (*and all other RCP based apps*)

Software Requirements
- Sterling Selling and Fulfillment 9.1 FP3
- Oracle Real Application Cluster 11.2.0.2 up to 4 node RAC configurations

Defect ID	259086
Case ID	Internal
Description	The *Selling and Fulfillment Foundation: Performance Management Guide* must be updated with the memory_target parameter information.
	Solution: The requisite information has been included in the 'Recommended Oracle Parameters' topic of the *Selling and Fulfillment Foundation: Performance Management Guide* .

Defect ID	259089
Case ID	Internal
Description	The *Selling and Fulfillment Foundation: Performance Management Guide* must be updated with the information that Oracle 4-Node RAC is supported.
	Solution: The requisite information has been included in the 'Oracle RAC Support Limitations' topic of the *Selling and Fulfillment Foundation: Performance Management Guide* .

Fix Pack 14

Defect ID	248074
Case ID	0317120
Description	The application must support TIBCO JMS version 6.1.0.

Defect ID	248210
Case ID	Internal
Description	When a user modifies a work order and cancels an order to remove the product line from the work order, the error message "Order cannot be modified in current status" is displayed, even if the modification rule is configured to allow modification.

Defect ID	253130
Case ID	Internal
Description	The *Selling and Fulfillment Foundation: High Availability Guide* must be updated with the information that TIBCO JMS version 6.1.0 is supported.
	Solution: The requisite information has been included in the 'System Requirements-Application Server' topic of the *Selling and Fulfillment Foundation: High Availability Guide* .

Defect ID	255012
Case ID	00350400
Description	When the scheduleOrder API is run for an order with many order lines and a high value of 'MaximumRecords', the session gets hung.

Defect ID	258248, 257746, 258350
Case ID	Internal
Description	Globalization issues have been addressed.

Defect ID	257735
Case ID	00376429

Description	When a user calls the scheduleOrder API for an item that does not have inventory in one of the nodes of the Distribution Group, the system attempts to lock the corresponding YFS_INVENTORY_ITEM record , even if the item is HOT.

Defect ID	257741
Case ID	00376446
Description	The scheduleOrder API is tuned to look up only the highest priority Distribution Group while backordering against the highest priority node to address performance issues.

Defect ID	257887
Case ID	Internal
Description	TIBCO JMS connection threads are not closed after failover.
	Known Issues: The JMS connections made to the active server are not closed after failover, the connections continues to hit the node that is not active anymore.
	Workaround: NA.

Defect ID	257894
Case ID	Internal
Description	The *Selling and Fulfillment Foundation: System Requirements Guide* must be updated with the information that TIBCO JMS version 6.1.0 is supported.
	Solution: The requisite information has been included in the 'System Requirements-Application Server' topic of the *Selling and Fulfillment Foundation: System Requirements Guide* .

Fix Pack 13

Defect ID	243032
Case ID	Internal
Description	When the getWorkOrderAppointmentOptions API is invoked, the system throws a NullPointerException.

Defect ID	245145
Case ID	Internal

Description   When a user performs the following actions, the system displays an "YFS:Order cannot be modified in current status" error message and there are additional records added in the YFS_ORDER_RELEASE_STATUS table where the release key is stamped against the record with 1300 status:

1. Creates a delivery order.
2. Adds the delivery Service line.
3. Creates a work order and takes an appointment.
4. Schedules the order and releases it.
5. Backorders the order.
6. Views the detail of the order in the Sterling Call Center and Sterling Store and clicks the "Change Address" related task.
7. Clicks "Next" button.

Defect ID   248210

Case ID   Internal

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   254855

Case ID   Internal

Description   The Offline Configure, Price, and Quote solution must be provided in the Sterling Selling and Fulfillment Foundation, 9.1 version.

Solution: The application has been enhanced. Two new agents, Change Data Export Agent and Change Data Import Agent with new events, PUBLISHED, ON_SUCCESS and ON_FAILURE have been added, which are used to export database changes from the staging environment to the production environment.

As part of the fix, the following documents has been updated with the requisite information:
- *Sterling Selling and Fulfillment Foundation: Properties Guide*
- *Sterling Application Platform Configuration Guide*

Defect ID   257073

Case ID   00371349

Description   When the database is restarted, the YFS_STATISTICS_DETAIL table does not get updated with the statistics.

Defect ID   257032

Case ID   00371867

Description   The Inventory Audit purge does not purge records under 60 days old even when the lead days is set lesser than 60 in the Inventory Audit purge criteria.

Solution: The 60 day restriction in the Inventory Audit purge has been removed.
Note: If a user needs the earlier behavior of 60 day restriction, then the user must set explicitly 60 as the lead days in the Inventory Audit purge criteria.

Defect ID   257662

Case ID   Internal

Description   The application must support the export of database changes from staging environment to the production environment.

Solution: The application has been enhanced. Two new agents, Change Data Export Agent and Change Data Import Agent with new events, PUBLISHED, ON_SUCCESS and ON_FAILURE have been added, which are used to export database changes from the staging environment to the production environment.

As part of the fix, the following documents has been updated with the requisite information:
- *Sterling Selling and Fulfillment Foundation: Properties Guide*
- *Sterling Application Platform Configuration Guide*

Fix Pack 12

Defect ID   254917

Case ID   00357600

Description   While creating an item quantity pricing rule, if a user selects an attribute and its value from the attribute tree, the value of the selected attribute is displayed as '...' in the Pricing Rule Details screen. When the user attempts to save the pricing rule configurations, the system throws an error.

Defect ID   256075

Case ID   Internal

Description   For an onhand inventory, when the Requested Ship Date and the Requested Delivery Date is specified as the current date on all the order lines, the IBA agent doubles the demand for the inventory.

Defect ID   256925

Case ID   00370235

Description   On a Weblogic clustered environment, if Fix Pack 10 or later is installed, when a user launches the Channel Application Manager a session time out message is displayed, if the yfs.httpOnlyCookie is set to False in the customer_overrides.properties.

Defect ID	257064
Case ID	00371515
Description	The Inventory screen throws a NullPointerException.

Fix Pack 11

Defect ID	254505
Case ID	Internal
Description	The Chinese characters get corrupted, when the Remote API call was made to the product APIs.

Solution: InteropHttpServlet has been changed to receive the request with UTF-8 encoding.

Defect ID	255046
Case ID	Internal
Description	When a user enters an incorrect wrong date format in the Date field, the date format displayed in the alert message is not localized.

Solution: In the Validation.js and Validation_mb.js files, a new variable is defined as "yfcDisplayDateFormat/yfcDisplayDateFormat_mb", which is used to display the date format in the alert message.

In the alertmessages.js and alertmessages_mb.js files, the following new literals have been introduced that must be localized:

- var YFCMSG201 = "Invalid Date: {0}. Valid Format iss {1}";
- var YFCMSG202 = "Invalid Date Time: {0}. Valid Format is {1}";
- var YFCMSG203 = "Invalid Time: {0}. Valid Format is {1}";
- var YFCMSG204 = "Invalid {0}: {1}";
- var YFCMSG205 = "Invalid Number: {0}";
- var YFCMSG206 = "Please enter a number between {0} and {1}";
- var YFCMSG207 = "Please enter a decimal between {0} and {1}";
- var YFCMSG208 = "Data exceeds the limit of {0}";
- var YFCMSG209 = "Invalid Email: {0}";
- var YFCMSG210 = "Please enter a number greater than or equal to {0}";

Defect ID	255234
Case ID	00358598
Description	The PROCESSED_FLAG is not getting rolled back to "N" when an exception occurs in the Real Time Availability Monitor (RTAM) agent. **Note:** In the YFS_INVENTORY_ACTIVITY table, even if there is one record that has some exception, then it will end up in an infinite loop. As the PROCESSED_FLAG is rolled back to N, getJobs attempts to pick up that activity record.

Fix Pack 10

Defect ID	246457
Case ID	Internal
Description	When an extended character is displayed on the user interface, it includes a return code.
	Solution: A new property 'jms.message.encoding' is included in yfs.properties. The default value of this property is UTF-8. A user can override this property in customer_overrides, to define a different encoding.

Defect ID	253961
Case ID	Internal
Description	The *Sterling Selling and Fulfillment Foundation: Installation Guide* must be updated with JAXB webservice information for supported version of ANT.
	Solution: The section 'Defining a JAX-WS Web Service with JBoss' of the *Sterling Selling and Fulfillment Foundation: Installation Guide* has been updated with the requisite information.

Defect ID	254262
Case ID	00353713
Description	The *Sterling Selling and Fulfillment Foundation: System Requirements Guide* must be updated with the Agent Server build requirements.
	Solution: The section 'System Requirements-Utilities' of the *Sterling Selling and Fulfillment Foundation: System Requirements Guide* has been updated with the requisite information.

Defect ID	254347
Case ID	00355369
Description	The *Sterling Selling and Fulfillment Foundation: Upgrade Guide* must be updated with the 'jdbcService.dbverify.Oracle.numberOfBytesPerChar' property details.
	Solution: The section 'Sterling Application Platform - Behavior Changes Between Release 8.2 and Release 8.5' of the *Sterling Selling and Fulfillment Foundation: Upgrade Guide* has been updated with the requisite information.

Defect ID	254359
Case ID	Internal
Description	Text messages in the Fusion chart are not localized.

Defect ID	254519

Case ID	Internal
Description	The *Sterling Selling and Fulfillment Foundation: Properties Guide* must be updated with the YFS Property 'httpOnlyCookie' details.
	Solution: The section 'Security yfs.properties' of the *Sterling Selling and Fulfillment Foundation: Properties Guide* has been updated with the requisite information.

Defect ID	254853
Case ID	00344399
Description	When the MQ JMS server was down, the Integration server displayed 'NullPointerException' and was unable reconnect to the JMS server.

Defect ID	255037
Case ID	Internal
Description	Remove the JMS Clustering related topics from the *Sterling Selling and Fulfillment Foundation: High Availability Guide.*
	Solution: Removed content related to JMS Clustering and updated section 'Implementing JBoss Messaging Queues' in the *Sterling Selling and Fulfillment Foundation: High Availability Guide*.

Fix Pack 9

Defect ID	251737
Case ID	00332609
Description	If an exception occurs during initialization of a database connection in YCPContext, the database connection leak is observed.
	Solution: The issue has been fixed.
	Note: For better analysis, additional logging can be enabled to track jdbc connections. This logging can be enabled by setting "yfs.enable.jdbc.tracking=true" in the customer_overrides.properties file.

Defect ID	252601
Case ID	00344769
Description	The application does not support disabling of httpOnly flag for the cookies.
	Solution: A user must perform the following actions to disable httpOnly flag for cookies:
	1. Disable the httpOnly property at the application sever level. For more information, refer to the application server documentation.
	2. Disable the 'httpOnlyCookie' property by setting 'yfs.httpOnlyCookie=false' in the customer_overrides.properties file.

Fix Pack 8

Defect ID	136541, 248876, 249282, 249758, 251759, 253117
Case ID	Internal
Description	All the JBoss issues have been addressed. The following Guides have been updated: • *High Availability Guide* • *Installation Guide* • *Properties Guide* • *System Requirements Guide* • *Performance Management Guide*

Defect ID	245295
Case ID	Internal

Description	EAR deployment fails on JBoss 5.1.
	
	Solution: Build Scripts has been modified to support JBoss 5.1 . A new parameter 'jbossmajorversion' has been introduced that must be passed to the build script during EAR creation for JBoss.
	
	For example, to create EAR for JBoss5.x, run the following command;
	
	`./buildear.sh -Dpackage=smcfs -Dwarfiles=smcfs -Dappserver=jboss -Djbossmajorversion=5`
	
	To create EAR for JBoss4.x, run the following command;
	
	`./buildear.sh -Dpackage=smcfs -Dwarfiles=smcfs -Dappserver=jboss -Djbossmajorversion=4`
	Note: While creating the EAR for JBoss, if the parameter 'jbossmajorversion' is not provided, then the default value will be set as 5.

Defect ID	247739
Case ID	Internal
Description	The images in SIC application are not displayed, when the application is deployed in JBoss 5.1.

Defect ID	249403
Case ID	Internal
Description	The context was not getting closed properly during initialization issues, which resulted in context leak in the error logs.

Defect ID	250120
Case ID	00330444

Description	The new interface, IYFSAuthenticateType.java must be documented in the *Sterling Selling and Fulfillment Foundation: Javadocs*.

Defect ID	251612
Case ID	00341388
Description	The error message displayed in the Search preview of online documentation has been addressed.

Defect ID	251755
Case ID	Internal
Description	In the multi-browser mode, for a German locale when a user selects 'Ship To Date' which is less than the 'Ship From Date', an error message is not displayed.

Defect ID	251960
Case ID	Internal
Description	Compilation error is thrown while creating EAR for JBoss5.1 using the JAXB web service in 91.
	Solution: None.

Defect ID	252612, 252655, 252755, 253333
Case ID	Internal
Description	Globalization issues have been addressed.

Defect ID	252262
Case ID	Internal
Description	The system throws an error while starting JBoss5.1 server using JAXB webservice.
	Solution: None.

Defect ID	252618
Case ID	00345984
Description	When a user performs the following sequence of actions, the Real Time Availability Monitor (RTAM) agent creates an entry in the YFS_INVENTORY_ALERT table with the ALERT_QUANTITY as 2147483647 and ALERT_LEVEL as "0" for kit components, and for the parent kit the ALERT_QUANTITY as 0 and ALERT_LEVEL as 3:

1. Creates a bundled item.
2. Sets the value of UseUnplannedInventory="Y" and AssumeInfiniteInventory="Y" for the bundle components and sets BundleFulfillmentMode as 02 for the parent kit.
3. Runs the RTAM agent.

Fix Pack 7

Defect ID	249789
Case ID	00329301
Description	When a Salesforce user attempts to generate a proposal through the Sterling Configure, Price, Quote application, an exception is thrown stating that the user is not authenticated.

Fix Pack 6

Defect ID	249122
Case ID	00326589
Description	If a user enters an invalid string in the Date field, the tooltip displays "undefined" instead of displaying a valid error message such as "Invalid Date".

Defect ID	249421
Case ID	00327703
Description	While deploying the changes in two databases by using the Configuration Deployment Tool (CDT) tool, the system prepares a clause with lockId, which results in SQLException even if the updated table does not contain a column lockId.

Defect ID	249691, 249912, 250891
Case ID	Internal
Description	All the globalization issues in the application have been fixed.

Defect ID	249815
Case ID	00331110
Description	The system must throw an exception, when a user calls the modifyItemAssociations API to associate BundleItem with the RegularItem as a substitute.

Defect ID	250047
Case ID	00329642
Description	When a user performs the following sequence of actions, the OrderComplete flag must be set to "N":

1. Creates an order.
2. Schedules the order and releases it.
3. Ships the order.
4. Runs the CloseOrder agent to set the OrderComplete flag to "Y" for the order.
5. Performs unconfirmShipment task.

   The OrderComplete flag is still set as "Y" instead of "N".

Fix Pack 5

Defect ID	248187
Case ID	00314133
Description	The REALTIME_AVAILABILITY_CHANGE event of the Real Time Availability monitor agent must be enhanced to publish the following element:

```
<InventoryItem InventoryOrganizationCode="" ItemID=""
UnitOfMeasure="" ProductClass=""/>
```

Solution: For more information about the REALTIME_AVAILABILITY_CHANGE event, refer the *Selling and Fulfillment Foundation: Javadocs*.

Defect ID	249687
Case ID	00328118
Description	When the changeRelease API is passed with Action=CANCEL containing the quantity less than the OrderedQty, the changeRelease API cancels the entire release line instead of partial cancellation.

Fix Pack 4

Defect ID	244520
Case ID	Internal
Description	When a user performs the following sequence of actions, the ship node value for the backordered line is blank, if the value of the requested cancel date is an earlier date:

1. Selects the 'When a line is backordered, backorder against the highest priority ship node' check box.
2. Creates an order.
3. Schedules the order.

Defect ID	247778
Case ID	Internal
Description	The Date, Radio, and Combo fields do not have a displayValue attribute like a check box, which stores the localized value that can be used to generate a report.

Fix Pack 3

Defect ID	245896
Case ID	00304001
Description	In an agent, when a message is included in the JMS queue, the system creates a new connection and session, which results in performance degradation.

Solution: The following properties have been added in yfs.properties:

- agent.bulk.sender.enabled - The default value of this property is set to false. If a user set this property to true, the JMS messages are added in batches in the internal JMS queue. 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 determines the batch size and the number of messages to be sent to the JMS queue using the same QueueSender object. The optimum value of the property may vary for different JMS vendors.

Defect ID	246737
Case ID	00313171
Description	The *Selling and Fulfillment Foundation: Extending the Database Guide* must be updated with the information that custom or hang-off entity must have CREATETS, MODIFYTS, CREATEUSERID, and MODIFYUSERID columns.

Solution: The requisite information has been included in the 'Creating Custom and Hang-off Tables' section of the *Selling and Fulfillment Foundation: Extending the Database Guide*.

Defect ID	246740
Case ID	00313685
Description	The *Selling and Fulfillment Foundation: Extending the Database Guide* must be updated with the information that BLOB datatype is not supported.

Solution: The requisite information has been included in the 'Adding a Column to a Standard Table', 'Steps to Create a Custom Table', and 'Steps to Create a Hang-off Table' sections of the *Selling and Fulfillment Foundation: Extending the Database Guide*.

Defect ID	247038
Case ID	00310753
Description	While creating a database index with number of columns more than 16, the system throws an error.

Solution: The validation for limiting the number of columns in an index to 16 has been removed.

Fix Pack 2
Sterling Selling and Fulfillment Foundation

Defect ID	242471
Case ID	Internal
Description	Prior to this version, the createOrderFromQuote API raised an event only for the immediate quote that was being converted to an order. This fix pack adds the capability for all alternative quotes to also raise ON_ORDER_STATUS_RELEASE event while the primary quote is getting converted. This event is configured at the ORDER_CHANGE transaction for document type 0015.

Defect ID	242602
Case ID	Internal
Description	Error displayed on selecting Discount Advisor in IBM Sterling Call Center and IBM Sterling Store.

Defect ID	243061
Case ID	Internal
Description	A NoClassDef Found error is displayed when a user tries to configure the automatic note logging from Channel Application manager.

Defect ID	243077
Case ID	Internal
Description	An error occurs while creating a zone while defining replenishment strategy.

Defect ID	243086
Case ID	Internal
Description	Unable to release a return order with a bundle whose components are out of ratio.

Defect ID	243358, 244878, 245338
Case ID	Internal
Description	Prior to this fix pack, customers using Oracle WebLogic 10.3.2 may have experienced errors when attempting to access URLs that referenced applets. This happened because Oracle changed the default value of a weblogic.xml session parameter called cookie-http-only. When the HTTPOnly flag was set to true or the default value was used, applets and high-speed data entry (HSDE) screens did not load because session information was not passed.

Resolution: This fix pack now provides support for HTTPOnly=true for the Applications Manager, System Management Console, and HSDE screens. |

Defect ID	243389
Case ID	Internal
Description	The manageCategory API failed on SQLServer functional tests.

Defect ID	243489
Case ID	Internal
Description	The FIFO number in Global_Serial Num was getting blanked out on performing ConfirmWorkOrder.

Defect ID	243498
Case ID	Internal
Description	In delayed inventory allocation mode, releaseMoveRequest does not throw an error when the system cannot allocate the tasks that are in draft status.

Defect ID	244465
Case ID	Internal
Description	Fix pack installation using the InstallService utility takes lot of time due to unnecessary documentation merge.

Defect ID	244703
Case ID	Internal
Description	Wrong Error Message is displayed when providing incorrect details in Create Count Request Console.

Defect ID	245257
Case ID	Internal
Description	Because this fix pack now provides support for HTTPOnly=true for the Applications Manager, System Management Console, and HSDE screens, as described in Defect ID 243358, the following sections have been removed from the *Sterling Selling and Fulfillment Foundation: Installation Guide*:

- "Web Security Planning - HttpOnly Cookie Flag May Require Change (WebLogic Users Only)"
- Setting the HttpOnly Cookie Flag for WebLogic"

Defect ID	246103
Case ID	Internal
Description	The Applications Manager and System Management Console would not open through the HTTP proxy.

Defect ID	246716
Case ID	Internal
Description	Microsoft Windows 7 support was added to Sterling Call Center and Sterling Store, requiring a documentation update.
	Resolution: Microsoft Windows 7 was added as a supported operating system configuration for Rich Client Platform in *Selling and Fulfillment Foundation: System Requirements*.

Defect ID	247773
Case ID	Internal
Description	Decimal digits are not displayed for computed numeric values in the application.

Resolution: The issue has been fixed. The following new methods in sc.platform.Util have been added:

1. getNumberStrFromDataType - This method will take two parameters, base number, and datatype name. It will process the base number and return a numeric string with the datatype definition.
2. padDecimalDigits This method will pad number zero to base number that is passed to this method.

Sterling Selling and Fulfillment Foundation - Localization/ Globalization

Defect ID	219114
Case ID	Internal
Description	The Strategy Status was not displayed according to the user's locale.

Defect ID	219564
Case ID	Internal
Description	In the Applications Manager, some alert names are not translated in a localized environment.

Defect ID	221456
Case ID	Internal
Description	In the System Management Administrator, the word 'Confirm' in dialog boxes is not translated according to the user's locale.

Defect ID	221457
Case ID	Internal
Description	In the System Management Administrator, the word 'loading' is not translated per user's locale.

Defect ID	230982
Case ID	221791
Description	In the Application Console, Save, Help and Close buttons in the Modify Ship To dialog box appear truncated in a localized environment.

Defect ID	231843
Case ID	Internal

Description	Localized CSS files are not being picked up in the payment screens.

Defect ID	231958
Case ID	Internal
Description	In the Applications Manager, organization names are not translated according to the user's locale.

Defect ID	236700
Case ID	Internal
Description	A "Nombre non valide" error is thrown for a French locale user when picking a task with 1000 quantity or more at a time, because Sterling Warehouse Management System Mobile Application for Windows CE / Pocket PC devices does not encode the number separator for French locale (non-breaking space) when sending request to the server.

Defect ID	237827
Case ID	Internal
Description	In the Applications Manager, the Process Modeling screen does not display multibyte character sets correctly in a localized environment.

Defect ID	237828
Case ID	Internal
Description	In the System Management Console, API and Agent group names appear truncated in a localized environment.

Defect ID	238529
Case ID	Internal
Description	Some hot keys/mnemonic keys may not work in the Applications Manager when Sterling Selling and Fulfillment Foundation is localized.

Defect ID	241436
Case ID	Internal
Description	The disposition code field in Receiving HSDE console does not display locale specific data.

Defect ID	243363, 243364, 244757
Case ID	Internal
Description	The screen layout in the Applications Manager and HSDE do not automatically adjust according to the length of the translations.

Defect ID	244505
Case ID	Internal
Description	Places where "Country" (in value) is given should be replaced by "Country/Region."

Defect ID	245565
Case ID	Internal
Description	Outbound picking is not working in French locale when picked from case/pallet for more than 1000 quantity.

Defect ID	247771
Case ID	Internal
Description	The LengthChecker Tool when run in CHECK mode does not list the literals from the translatable columns in the SubClass entities.

Defect ID	247772
Case ID	Internal
Description	In validation.js files, comments are missing that help translators to understand which values to change and what impacts these changes.

Sterling Business Center

Defect ID	220478
Case ID	Internal
Description	IBM Sterling Business Center does not support the thousands separator for numerical fields.

Defect ID	220495
Case ID	Internal
Description	The "Communication Failure" error message should be displayed in localized text (Kommunikationsfehler for German locale) and not in English.

Defect ID	226222
Case ID	Internal
Description	Locale-specific decimal separators are not being displayed for numeric values.

Defect ID	238038
Case ID	Internal
Description	Country names listed in a combination box should reflect IBM standards. Also, the label name used to display country names should be "Country/Region" instead of "Country." Hong Kong must be referred to as "Hong Kong S.A.R. of the PRC." Macao must be referred to as "Macao S.A.R. of the PRC."

Defect ID	239996

Case ID	Internal
Description	The menu does not come up in Sterling Business Center for Chinese locale. All Chinese characters are represented in Unicode format when they are translated, but the menu is not encoded in UTF-8, so the Unicode literals are garbled when they are displayed.

Defect ID	241258
Case ID	Internal
Description	When a service is associated to an item, service skills do not appear in the details list even though they are configured for a service.

Defect ID	242244
Case ID	Internal
Description	"For filter" check box is not displayed for derived attributes used for price range filtering.

Defect ID	242477
Case ID	Internal
Description	In the Customer Assignments tab of Customer Entitlement screen, select the radio button to assign the entitlement to all the customers and then save the entitlement. Change the customer selection to "This entitlement is applicable to the following customers." The check boxes under it are still disabled.
	Resolution: Select any other radio button and then select the radio button for "This entitlement is applicable to the following customers" again. The check boxes will be enabled.

Defect ID	242581
Case ID	Internal
Description	Some of the terms used in the bundle entries for Sterling Business Center are not compliant with IBM standards.

Defect ID	243121
Case ID	Internal
Description	The folder for the Sterling Business Center Upgrade Analysis reports contained only the Properties folder and was missing others folders, such as Struts, Css, and Mashups.
	Resolution: This problem has been corrected.

Defect ID	243453
Case ID	Internal
Description	There are date format discrepancies between the Validation.js files.

Defect ID	244130
Case ID	Internal

Description	In the *Sterling Selling and Fulfillment Foundation: Upgrade Guide*, the path mentioned for the Sterling Business Center Upgrade Analysis reports was not correct.

Solution: The *Upgrade Guide* has been updated to reflect the correct path to the Sterling Business Center Upgrade Analysis reports.

Defect ID	244482
Case ID	Internal
Description	Some of the terms used in the bundle entries for Sterling Business Center were not compliant with IBM standards.

Solution: The documentation has been updated to reflect IBM standard compliancy changes to bundle entries.

Defect ID	245305
Case ID	Internal
Description	Error-"'sc.plat.NumberFormatter' is null or not an object" is thrown in Sterling Business Center.

Defect ID	245392
Case ID	Internal
Description	The Total price of the item should be shown with the name of price list from which the price has been taken.

Defect ID	245479
Case ID	Internal
Description	There should be no change in the previous value of the attribute, and the new added value should get saved successfully.

Defect ID	245800
Case ID	Internal
Description	The Web UI framework does not support the grouping of numbers.

Solution: The Web UI framework has been enhanced to support the grouping of numbers. *Sterling Selling and Fulfillment Foundation: Localizing the Web UI Framework* has been updated to describe this enhancement.

Fix Pack 1

Defect ID	242918, 240797
Case ID	Internal

Description   A security issue has been identified that may allow a cross-site scripting (XSS) attack in Sterling Business Center and in Sterling Selling and Fulfillment Foundation.

Solution: These security issues have been corrected in this fix pack.

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