

TIBCO® Order Management - Long Running

Release Notes

Software Release 5.0.0 December 2019



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About this Product

TIBCO Order Management is an elastic, catalog-driven order management system for digital service providers. It accepts orders from any customer engagement system and orchestrates the tasks required for fulfilling the orders.

TIBCO Order Management is the next generation of TIBCO® Fulfillment Order Management and partially replaces the old product. To better align TIBCO Fulfillment Order Management with market demand, the product's capabilities have been reorganized into two new products: TIBCO® Order Management and TIBCO® Offer and Price Engine.

TIBCO Order Management is further divided into variant products:

- TIBCO® Order Management Low Latency: Use this new product for scalable processing of low-latency orders
- TIBCO Order Management Long Running: This product continues to support processing of longrunning orders

TIBCO Documentation and Support Services

How to Access TIBCO Documentation

Documentation for TIBCO products is available on the TIBCO Product Documentation website, mainly in HTML and PDF formats.

The TIBCO Product Documentation website is updated frequently and is more current than any other documentation included with the product. To access the latest documentation, visit https://docs.tibco.com.

Product-Specific Documentation

Documentation for TIBCO® Order Management - Long Running is available on the TIBCO® Order Management Documentation page.

The following documents for this product can be found on the TIBCO Documentation site:

- TIBCO Order Management Long Running Release Notes
- TIBCO Order Management Long Running Installation and Configuration Guide
- TIBCO Order Management Long Running User's Guide
- TIBCO Order Management Long Running Administration Guide
- TIBCO Order Management Long Running Getting Started Guide
- TIBCO Order Management Long Running Best Practices Guide
- TIBCO Order Management Long Running Concepts and Architecture Guide
- TIBCO Order Management Long Running Web Services Guide

How to Contact TIBCO Support

You can contact TIBCO Support in the following ways:

- For an overview of TIBCO Support, visit http://www.tibco.com/services/support.
- For accessing the Support Knowledge Base and getting personalized content about products you are interested in, visit the TIBCO Support portal at https://support.tibco.com.
- For creating a Support case, you must have a valid maintenance or support contract with TIBCO.
 You also need a user name and password to log in to https://support.tibco.com. If you do not have a user name, you can request one by clicking Register on the website.

How to Join TIBCO Community

TIBCO Community is the official channel for TIBCO customers, partners, and employee subject matter experts to share and access their collective experience. TIBCO Community offers access to Q&A forums, product wikis, and best practices. It also offers access to extensions, adapters, solution accelerators, and tools that extend and enable customers to gain full value from TIBCO products. In addition, users can submit and vote on feature requests from within the TIBCO Ideas Portal. For a free registration, go to https://community.tibco.com.

New Features

The following features have been added in this release of TIBCO Order Management - Long Running.

Bulk Order Action

By using the bulk order action functionality, you can **SUSPEND**, **RESUME**, or **WITHDRAW** a group of orders in Order Management Server UI.

Enabling or Disabling Order Sequencing

You can make the order sequencing enable or disable.

If you do not enable the Order Sequencing, all the incoming orders are processed directly. If the Order Sequencing is enabled, only a single order is processed at a time and any other incoming order is stored in a queue (tibco.aff.oms.ordersSequencer.submitOrder) till the previous one gets processed.

Enhanced Dependency View

The dependency view has enhanced UI for better readability to show the relationships between tasks (plan items).

OpenShift Container Platform Support

OpenShift Container Platform is supported. For more information about OpenShift, see https://docs.openshift.com/

Changes in Functionality

The following functionality and features have been changed in this release of TIBCO Order Management - Long Running.

- Get Orders request is modified to accept complex criteria with operators unlike before only EQUALS (=) was supported.
- Alternate plan fragment (process component) mapping is added for Internal Error Handler.

Deprecated and Removed Features

The following feature has been removed as of this release of TIBCO Order Management - Long Running.

Removed Features

Affected Component	Description	Removed Release
Offer and Price Engine	The Offer and Price Engine has been removed from this release of TIBCO Order Management - Long Running and now it is available as TIBCO® Offer and Price Engine, which is a separate TIBCO product .	5.0

Migration and Compatibility

The following information provides migration procedures and a compatibility matrix for this release of TIBCO Order Management - Long Running.

Migration of TIBCO Fulfillment Order Management 4.0.2 HF3 to TIBCO Order Management - Long Running 5.0 is supported.

For migration procedure, see "Migrating TIBCO Fulfillment Order Management 4.0.2 HF3 to TIBCO Order Management - Long Running 5.0" section in the TIBCO® Order Management - Long Running Installation and Configuration guide.

Closed Issues

The following issues have been fixed in this release of TIBCO Order Management - Long Running.

Key	Summary
AF-9171	Product crosslink affinity and ProductRequiredFor (PRF) did not work as expected. Expected to have only one plan item but got more than one, when multiple products with same plan fragment defined with affinity and same action.
AF-9137	Retry OPD failed when Order Management Server was failed in between retry interval.
AF-9120	Custom headers in Order Management Server UI were not displayed.
AF-9099	Flag was provided to disable parent items dependency impact functionality.
AF-9076	Amendment failed with nullpointerexception because of the dependent parent planItem of missing planItem.
AF-9071	Sequencing did not work in REDO plan items after amendment.
AF-8958	You could not add bundles to the shopping cart, and the following message was displayed: "500 internal server exception."
AF-8957	Order Management Server UI was not accessible due to HF build issue.
AF-8942	Due to certain queries issued by Fulfillment Order Management, Oracle System Global Area increased over time.
AF-8937	Support for OpenShift has been added in TIBCO Order Management - Long Running.
AF-8933	The Customization Summary page did not cover all information as it did in Fulfillment Order Management 3.0.2.
AF-8893	Automated Order Plan Development generated the plan before the startup process was completed.
AF-8890	The "userservice.sh" delete action could not delete a user.
AF-8886	Fulfillment Order Management log4j did not provide the orderRef value in logs.
AF-8806	Order Capture System UI had rendering issues.
AF-8804	Order Capture System failed to start when OFFERID was included in the catalog.
AF-8802	Order Capture System UI did not display the child products of a parent product (when the child products were retrieved from the group).
AF-8801	When you choose any item other than the first item in a group, a validation error was displayed.

Key	Summary
AF-8792	When TIBCO Enterprise Message Service (EMS) with SSL was enabled, Fulfillment Order Management could not connect to the EMS server.
AF-8759	From the Order Management Server User Interface, a user with role "ROLE_USER" could not force complete a plan item.
AF-8732	Even after a request was cancelled, the PlanItem remained in ERROR_HANDLER status.
AF-8730	When the requiredByDate is changed while amending an order, the following error message was displayed: "Action and requiredByDate cannot be modified simultaneously in a order line".
AF-8729	Data in the STATEMACHINE_RUNTIME and STATEMACHINE_METADATA tables was not deleted after withdrawing the order.
AF-8728	The order remained in the EXECUTION status because some PlanItem objects were pointing to the PlanItemSID of another plan.
	After the fix, PlanItemSID must have the format of PL-1-PI-1. All other models except offer model must have the format DATAID-XMODEL. The dead letter SID must have the format DEADLETTERID-BATCH.
AF-8724	In the Order Capture System user interface, the Quantity field validation for groups did not work as expected. For any selected quantity in the Quantity field, an error message was displayed and the order could not be placed.
AF-8713	If the TENANTID value was not set in plan item execute response, then the plan item execute response messages related to orders processed by a failed node could not be consumed by the backup node.
AF-8698	The order processing remained in EXECUTION status because the START milestone of the compensation plan item was dependent on its own END milestone.
AF-8688	The Order Management System user interface did not start and an error message "java.lang.NoSuchMethodError: com.google.common.collect.ImmutableSet exception" was seen on startup.
AF-8656	Instead of the original ID that was sent, an auto-generated ID was returned in Order Management Server callback notification.
AF-8628	SubmitOrder failed when "Enable User Name token based Security" was set to false.
AF-8615	Primary keys were missing in a few tables.
AF-8603	A null pointer exception occurred when the following flag reached the set threshold value: com.tibco.fom.orch.generator.splitStateMachineThreshold andcom.tibco.fom.orch.axNoMilestonesLoadedinMemory.

Key	Summary
AF-8586	Encountered Soap Fault while trying to hit GetOrderExecutionPlan with User Defined Format value as xml.
AF-8579	The Execute request or response were not processed for plan items in case of frequent or simultaneous calling.
AF-8528	When http://hostname:port/Login/ Login.jsp was replaced with http://hostname:port/com an empty file was downloaded.
AF-8519	Same product model with different product IDs was created, hence high memory consumption due to processing of duplicate models.
AF-8518	The plan item could not be moved from execution to error in the user interface.
AF-8497	The X-Frame-Options header was not included in the HTTP response to protect against clickjacking attacks.
AF-8496	The Anti-MIME-Sniffing header X-Content-Type-Options was not set to "nosniff".
AF-8495	CORRELATIONID sent while loading model is mapped back in model loading notification.
AF-8494	From the Order Management Server user interface, a plan item could be force completed that was still running.
AF-8493	The count of orders in Execution state and Feasibility state displayed in the order summary dashboard did not match with actual number of orders.
AF-8491	Cookies were not set with secure and httponly flags.
AF-8490	Background image on login window and the header image could not be changed post login on the Order Management Server user interface.
AF-8476	HTTP PUT and DELETE methods were not allowed.
AF-8464	Subscriber ID was not displayed on the Order page of the Order Management Server user interface.
AF-8223	In grid view, you could not hide or display the Non-Execution plan item when needed.
AF-8104	While executing the processPurgeModel and processMessage purge methods due to duplicate call, an error occurred.
AF-7945	Clicking Jeopardy on the dashboard, caused an exception in the omsui logs.
AF-7944	On the Order Management Server user interface, Gantt chart displayed the message "Too small grid size."
AF-7152	The GetOrders web service generated a SOAP error on filtering based on the orderheaderUDF.

Known Issues

The following issues exist in this release of TIBCO Order Management - Long Running:

Change Request ID	Summary
AF-7662	Summary: When using Internet Explorer 11 for Order Capture System, the user cannot add product or bundle in the cart.
	Workaround: Use a different compatible browser such as Google Chrome or Firefox.
AF-7652	Summary: After changing the date format for Order Management Server UI Dashboard in Configurator and restarting the Order Management Server UI, the date format is not updated.
	Workaround: None.
AF-7651	Summary: The layout of the Required By Date calendar on the Edit Order page of the Order Management Server UI is too tight to select the date.
	Workaround: Type the date manually.
AF-7636	Summary: In Order Capture System, if user makes a modification and then cancels it, the product customization does not get refreshed with the original values.
	Workaround: None.
AF-7632	Summary: In Order Capture System, pagination is missing for the Order History Details page.
	Workaround: None.
AF-7628	Summary: Order Capture System does not search product or bundle that is mentioned in the search criteria.
	Workaround: None.
AF-7625	Summary: Order Capture System pagination is not displaying all pages listed.
	Workaround: None.
AF-7544	Summary: The node finder requires all clients to be in the same time zone when using a PostgresSQL database.
	Workaround: None.
AF-7495	Summary: After the Order Capture System login page loads, an exception in the logs is seen: com.tibco.fom.ocs.security.login.ServerException: Invalid XSFR token.
	Workaround: None.

Change Request ID	Summary
AF-7454	Summary: Execute permission for all the micro services is not present. Workaround: None.
AF-7399	Summary: The inflow order gadget is not seen properly when you restore the minimized view of the gadget. Workaround: None.
AF-7396	Summary: In MOPD, the Gantt chart does not display milestone details when the plan is in draft state. Workaround: None.
AF-7391	Summary: Order Management Server UI shows the message Changing product will remove existing dependencies on PLANITEM. Do you wish to continue? while adding a new PlanItem for the first time. Workaround: None.
AF-7386	Summary: Order Management Server UI hangs when you change the milestone ID of an existing intermediate milestone. Workaround: None.
AF-7385	Summary: GetOrderExecutionPlan for a MOPD order with time dependency gives the error Invalid content was found starting with element 'ns6:timeDelta'. Workaround: None.
AF-7384	Summary: The Gantt chart does not show the product ID for a newly added plan item after selecting only productid. Workaround: None.
AF-7383	Summary: After amending an MOPD order, the UI gives an error saying Amendment failed contact system administrator. Workaround: None.
AF-7382	Summary: Order Management Server UI gives a scripting error when the user tries to add a custom header UDF to an order that is in suspended state Workaround: None.
AF-7381	Summary: The ProductId search pagination shows the wrong number of records. Workaround: None.
AF-7377	Summary: Order Management Server UI does not show the newly added planitem when the user navigates from the Order Details page to the Manual Plan page Workaround: None.

Change Request ID	Summary
AF-6681	Summary: If the filter "headerUDF" is used in the request for the GetOrders webservice, a "NO_RECORD_LIST" error appears in the response.
	Workaround: None.
AF-6646	Summary : In the Configurator you cannot edit the drop down list for Pooled Data Source URL.
	Workaround: None.
AF-6349	Summary: Order Capture System is not able to load models with building blocks.
	Workaround: None.
AF-5928	Summary: In Order Capture System, the "Non Sellable Type" list configurable by the administrator user has no effect; types configured in this list are still be displayed by the catalog pages.
	Workaround: None.
AF-5922	Summary: In Order Capture System during the amendment flow, the edit link for the order line might disappear after displaying the original order in the modal window.
	Workaround: Go back to the Shopping Cart page. Then go to the Checkout page; there you can edit the order line.
AF-5918	Summary: In Order Capture System after a subscriber search, when the home link is clicked, the number of subscribers from the previous search stays on the screen
	Workaround: The next subscriber search clears and refresh this display.
AF-5908	Summary: The Order Capture System application might not work if the catalog data files reach a high level of complexity (more than 1000 files with groups defined in products).
	Workaround: None.
AF-5906	Summary: The Order Capture System server startup might take time to load the catalog file when it exceeds a number of reach a complexity, for example, when there are lots of groups defined in the catalog.
	Workaround: None.
AF-5896	Summary: On Rule Config Search, the filter by Creation Timestamp and the filter by Last Update TimeStamp does not work.
	Workaround: None.
AF-5894	Summary: With TIBCO Fulfillment Provisioning orders, a scripting error occurs if user searches order using the same filter a couple of times.
	Workaround: None.

Change Request ID	Summary
AF-5893	Summary: With TIBCO Fulfillment Provisioning orders, the activity log for FP order id search shows the wrong number of notifications when the user comes back from FP orderLine ID search.
	Workaround: None.
AF-5844	Summary: When canceling the modification of an order, the confirmation window does not close in some cases.
	Workaround: When timeout occurs, refreshing the browser stops this endless behavior, and goes to login page.
AF-5816	Summary: UDF list in the configurator does not work properly. The scroll bar is not present to navigate through the list until typing the UP or DOWN key on the keyboard, and once the box for adding a new entry is deleted, there is no way to add it again. Workaround: None.
AF-5783	Summary: On the Jeopardy Management SMTP notification channel, the "From" field does not support multibyte characters. Workaround: None.
AF-5768	Summary: When adding a product in the cart with some quantity in Order Capture System, the original price of the product gets changed. Workaround: None.
AF-5767	Summary: Order Capture System with Internet Explorer, gives scripting error while viewing plan Workaround: Configure the X-XSS-Protection header on the server side (OMS). This tells IE to disable XSS protection on Order Capture System side.
AF-5766	Summary: On IE11: When user accesses Demo Subscriber Inventory in Order Capture System, an error is thrown in the log, LoadBalancer-Https: ERROR [ajp-bio-8016-exec-4] SignatureSecurityFilter Invalid body in request for signature method HmacSHA1 Workaround: None.
AF-5756	Summary: In Order Capture System, when the page is open for a long time, it might not redirect to the login page; therefore, an operation on the displayed page might raise an error. Workaround: Refresh the page so the UI redirects to login page.
AF-5725	Summary: When using the TIBCO Configurator, selecting Jeopardy Management, and then selecting configuration change to Order Management System, the cluster outline remains to JEOMS. Workaround: None.

Change Request ID	Summary
AF-5666	Summary: In Order Capture System, sometimes the list of orders in order history is loaded twice, and might refer to a bad reference.
	Workaround: Refresh the page.
AF-5638	Summary: The pagination number is not consistent while displaying orders for order history in Order Capture System. Workaround: None.
AF-5620	Summary: Throttling does not work for orders sent in bulk. More orders than what is set for the Default Load Capacity goes into execution. Workaround: None.
AF-5135	Summary: If invoking a purge using SQL scripts when data is in ORDER_UDF_DATA_MAPPER, a constraint violation error occurs.
	Workaround: Perform the following steps to add the changes manually:
	1. Add the following entry in the MigrateForPurge.sql file:
	ALTER TABLE ORDER_UDF_DATA_MAPPER DROP CONSTRAINT <name column="" foreign="" key="" of="" on="" orderid="">; ALTER TABLE ORDER_UDF_DATA_MAPPER ADD (FOREIGN KEY (ORDERID) REFERENCES ORDERS (ORDERID) ON DELETE CASCADE);</name>
	2. Run the script MigrateForPurge.sql.
	3. Execute the purge.
AF-5102	Summary: External Dependency does not wait for dependency to be released if eventID or eventName element value is empty. External Dependency is sent before planitem is sent to the ProcessComponent. PlanItem is directly sent to the ProcessComponent for the order to complete.
	Workaround: None.
AF-5098	Summary: If you want to cancel an order when AOPD is in stand-alone mode and feasibility is enabled, the error handling for feasibility fails with a java.lang.IllegalArgumentException.
	Workaround: None.
AF-4867	Summary: The categories below "Order Management Server - Web Service Configuration are not seen on TIBCO Configurator UI.
	Workaround: Click on the "Advanced" tab on Configurator. There you can see the properties with "Basic" visibility, and also with the "Advanced" visibility with the proper scroll bar.
AF-4861	Summary: Tool tip when hovering over icon in TIBCO Configurator is not shown.
	Workaround: None.

Change Request	
ID .	Summary
AF-4860	Summary: When the session has expired in TIBCO Configurator, the pop-up message: "The session is expired. You need to re-login." is displayed once again after clicking OK.
	Workaround: None.
AF-4857	Summary: In TIBCO Configurator after clicking logout, and then clicking cancel when asked "Are you sure that you want to log out?," the property configurator automatically logs out.
	Workaround: None.
AF-4245	Summary: If an order submitted with a future date gets cancelled, all the milestones goes into the COMPLETE status. However, the time dependency remains in the PENDING status.
	Workaround: None.
AF-4226	Summary: The purge product web service is incorrectly purging products bifurcated using comma separated values.
	Workaround: None.
AF-3597	Summary: For an order amendment, the incorrect plan is generated if the 'SequenceDirection' flag is used in the ProductDependsOn relationship.
	Workaround: None.
AF-2379	Summary: Sometimes background color of GANTT chart is lost when zoomed in at Millisecond level.
	Workaround: Background color coding can be viewed correctly in zoom level seconds and above.
AF-2373	Summary: At higher zoom level typical icon might appear coming ahead of the section level bar.
	Workaround: Try viewing the Gantt at Millisecond level. You find that the icon is placed correctly or see the tooltip by hovering over the typical end icon and section level bar. You can find out the exact time for typical end and section level bar.
AF-2337	Summary: Tooltip for attributes in the condition builder or template builder shows " " instead of line feed.
	Workaround: None.
AF-2226	Summary: TIBCO Fulfillment Order Management Configurator does not validate the input values for the configuration properties against the expected data type thereby allowing even strings for an integer valued properties such as timeout, HTTP port and so on.
	Workaround: None.

Change Request ID	Summary
AF-1642	Summary: Not a regular scenario. JavaScript error only appears when you perform maximize, minimize, and restore gadget actions in sequence in small duration of time. Workaround: None.
AF-813	Summary: Invalid rows are retrieved while filtering the orders based on the Submitted Date filter (between < , <=, >, >=). Workaround: None.