

# **TIBCO® Order Management - Long** Running

## **Release Notes**

Version 5.0.1 April 2022



Copyright © 2010-2022. TIBCO Software Inc. All Rights Reserved.

## Contents

About this Product	3
New Features	4
Changes in Functionality	5
Deprecated and Removed Features	6
Migration and Compatibility	7
Closed Issues	8
Known Issues	. 14
TIBCO Documentation and Support Services	. 18
Legal and Third-Party Notices	. 19

#### **About this Product**

TIBCO<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> Order Management and TIBCO<sup>®</sup> 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 lowlatency orders
- TIBCO Order Management Long Running: This product continues to support the processing of longrunning orders

### **New Features**

No new features have been added in this release of TIBCO® Order Management - Long Running.

No functionality changes have been made in this release of TIBCO® Order Management - Long Running.

No features have been deprecated or removed in this release of TIBCO® Order Management - Long Running.

Migration and compatibility are not affected in this release of TIBCO® Order Management - Long Running.

### **Closed Issues**

Кеу	Summary
AF-13243	Attribute-based decomposition feature document enhancement has been added.
AF-13229	The vulnerability for Log4j issue CVE-2021-44228 has been fixed.
AF-13160	When temporary files are left in the production environment, the application logic and other sensitive information, such as user names and passwords, is exposed. To override this, old versions of files are now removed from the virtual directory.
AF-13159	Disable WebDAV or restrict HTTP methods that are not needed, to ensure that web pages, scripts, and files on the web server are not uploaded, modified, or deleted.
AF-13158	To prevent retrieval of information about the site's file structure that can help an attacker map the website, issue a "404 - Not Found" response status code for a forbidden resource, or remove it completely.
AF-13157	Sensitive cookies are leaked with improper, insecure, or missing SameSite Attribute. As a fix, review possible solutions for configuring the SameSite Cookie attribute to the recommended values.
AF-13156	Web application programming or configuration is not secured. As a fix, change the session identifier values after logging in.
AF-13155	Sanitation of hazardous characters is not performed correctly on user input. As a result, sensitive information such as username, password, credit card number, and social security number might be exposed.
AF-13154	Sanitation of hazardous characters is not performed correctly on user input. As a result, a hacker can steal or manipulate customer sessions and cookies, which might be used to impersonate a legitimate user.
AF-13153	Enforce account lockout after several failed login attempts, to prevent breach of user privileges and administrative permissions over the web application, due to insecure web application programming or configuration.
AF-13151	An insufficient authentication method is used by the application. As a fix, validate the value of the "Referer" header and use a one-time-nonce for each submitted form.
AF-12998	Overriding the "owner" element in planItemExecute request does not work as expected.

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

Кеу	Summary
AF-12996	TIBCO Order Management - Long Running fails to load tenantid_OfferIdMappings.xml file.
AF-12994	Order Lock is not released after an opd failure in the amendment.
AF-12992	The issue related to high CPU queries from Fulfillment Order Management to PostgreSQL has been fixed.
AF-12990	After the fourth amendment, plan items and dependencies are missing from the order.
AF-12988	When OPE starts refreshing the in-memory models, the OPE Health Endpoint generates a false (unhealthy) response.
	A flag is introduced to handle a scenario wherein the load-balancer uses a polling mechanism to check if the node is down, and the OPE node stops responding before the polling mechanism is introduced.
AF-12986	The Swing-Message tool listens for the OMS Model loading notification and it enables a switch between two OPE clusters.
AF-12983	The server_cache refresh delay is now configurable when you load models by using TIBCO EMS.
AF-12982	The model loading messages now have separate statuses as "Failed" and "Success" in two distinct topics.
AF-12920	The order submittedDate is overwritten when the order is canceled.
AF-12781	After some of the plan items are completed, the order remains in the EXECUTION status without showing any errors.
AF-12707	Support for Red Hat Enterprise Linux Server x86-64 is now added in TIBCO Order Management - Long Running 5.0.0
AF-12610	The userservice.sh script does not work for non-default tenants.
AF-12562	While processing OfferIdMappings.xml, the following exception occurs, and is sent to the failure directory upon publication:
	"Cannot find the declaration of element OFFERIDS"
AF-12552	Config files are overwritten from the database, even when the "configurator.db.enabled" flag is set to false in the configDBrepo.properties file of a service.
AF-12407	Order amendment does not work for some specific scenarios.
AF-12152	After some of the plan items are completed, the order remains in the EXECUTION status without showing any errors.

Key	Summary
AF-12063	The "Unencrypted Login Request" issue is identified in the vulnerability report.
AF-12062	"Password Parameter in Query" issue is identified in the vulnerability report.
AF-12045	TIBCO Enterprise Message Service <sup>™</sup> version 8.6.0 is now supported with TIBCO Order Management - Long Running 5.0.0
AF-11952	The "Cross-Site Scripting" issue is identified in the vulnerability report.
AF-11611	Support for Order Management services on Kubernetes cluster in Google Cloud Platform has been added in TIBCO Order Management - Long Running 5.0.0
	You must provide the correct image name for each service in the respective yml script present under \$OM_HOME/kubernetes directory.
	For example, configurator: 5.0.0-LR in kubernetes-deploy-run-configurator.yml file.
AF-11573	Support for PostgreSQL 12.4 is now added in TIBCO Order Management - Long Running 5.0.0
AF-11405	Amazon RDS for PostgreSQL is now supported with TIBCO Order Management - Long Running 5.0.0
AF-11397	Properties from the configDBrepo.properties file in the container environment variable are now exposed.
AF-11391	Database connections are now exposed in the container environment variable.
AF-11383	Order Management - Long Running fails to start and displays the following error:
	"org.hibernate.NonUniqueObjectException"
AF-11363	Amazon RDS for Oracle is now supported with TIBCO Order Management - Long Running 5.0.0
AF-11313	The configurator cannot encrypt passwords in the ConfigValues_OMS.xml file.
AF-11274	The following scripts are added in TIBCO Order Management - Long Running 5.0.0
	- setup.sh
	- setup.cmd
	- dbscripts/create_database_gcp.sql
	- dbscripts/create_user.sql
	- oms_seed_orderaddress.sql
AF-11241	In the ConfigValuesOCS.xml file, under the "Postgres schema name" config value, you can manually set the password value as false.
AF-11184	The user-defined field value is missing in the affinity plan item (Affinity Sequencing).

Key	Summary
AF-10881	In "JEOMS_colocated" mode, the Order Management System server generated an error during startup.
AF-10859	An error occurs if you send a HandlePlanitemInError web service request without providing any value in the "planid" field, which is an optional field.
AF-10842	In TIBCO Order Management - Long Running 5.0.0, the "notifyAtMilestoneID" tag is not generated after you amend an order.
AF-10821	When amending an order, at times an unexpected error occurs.
AF-10740	When you install a new version of TIBCO Order Management - Long Running, the current version of the database is lost.
	Reverse migration of the database is not supported. You must take a backup of the database before moving to a new version.
AF-10670	The truncate script has been added in TIBCO Order Management - Long Running 5.0.0
AF-10605	Support for Alpine Docker Image has been added in TIBCO Order Management - Long Running 5.0.0.
AF-10604	Support for Oracle 19C has been added in TIBCO Order Management - Long Running 5.0.0
AF-10532	The Order Capture System component of Order Management - Long Running 5.0 does not filter based on the segment.
AF-10513	After integration with TIBCO Fulfillment Subscriber Inventory 2.0, order processing failed during plan generation.
AF-10478	Null pointer is seen when user tries to submit planitem resolution option from Order Management System UI.
AF-10436	If you canceled one of the order lines involved in an affinity, then affinity plan items are re-created.
AF-10432	After the second amendment, the REDO plan items are not triggered for the completed plan items.
AF-10430	Automated Order Plan Development "generatePartialPlan" does not work in TIBCO Order Management - Long Running 5.0.0
AF-10428	An order remained in the EXECUTION status even after you performed the SUSPEND or RESUME action.
AF-10427	Sequencing does not work in REDO and COMPENSATE plan items of an amended plan.

Key	Summary
AF-10422	REDO plan items are added incorrectly after the second amendment.
AF-10420	Unexpected REDO plan items are generated in the plan after you amended a plan with affinity plan items.
AF-10419	The database columns for PLAN_ITEM.RETRYCOUNT and PLAN_FRAGMENT.RETRYCOUNT are not being updated.
AF-10418	When executing SyncSubmitOrder over JMS, Order Management - Long Running responded with SubmitOrderResponse instead of SyncSubmitOrderResponse.
	As part of this defect, OrderService wsdl and schema are changed.
AF-10417	The omsServer database connections are not exposed in the container environment variable.
AF-10412	The dependency between the plan items is in the wrong state after the second amendment.
AF-10387	During Order Management Server failure, batches are not loaded into the DEAD_LETTER table.
AF-10386	After you amend a plan, unexpected REDO plan items are generated in the plan.
	To eliminate this, the "DisableAffinityBrokeUDFImpact" flag is added in the ConfigValues_AOPD.xml file.
AF-10384	When the value of enableOfferValidation is set as true, an error occurred in processing the submit order request.
AF-10381	Product crosslink affinity and the ProductRequiredFor (PRF) relationships do not work as expected. When multiple products with the same plan fragment defined with affinity and the same action, got more than one plan item instead of a single plan item.
AF-10380	"Retry OPD" fails if Order Management Server fails at any time between two retry attempts.
AF-10377	Even if there are no changes in the orderLine user-defined field during amendment, REDO PlanItems are created for that orderLine.
	A flag is provided to disable parent items dependency impact functionality.
AF-10376	When a missing planItem has a dependent parent planItem, the amendment failed with a null pointer exception.
AF-10375	After the amendment, sequencing does not work in REDO plan items.
AF-9424	In the dependency view, the product ID is not displayed on the UI.

Кеу	Summary
AF-8870	In the Order Capture System user interface, the Quantity field validation for groups does not work as expected.
	For any selected quantity in the Quantity field, an error message is displayed and the order is not placed.
AF-6681	When the "headerUDF" filter is used in the request for the GetOrders webservice, the following error is shown: "NO_RECORD_LIST"

### **Known Issues**

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

Key	Summary and Workaround
AF-7662	<b>Summary:</b> 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	<b>Summary:</b> 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. <b>Workaround:</b> None.
	Workarounu: None.
AF-7651	<b>Summary:</b> 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	<b>Summary:</b> In Order Capture System, if the user makes a modification and then cancels it, the product customization does not get refreshed with the original values.
	Workaround: None.
AF-7632	<b>Summary:</b> In Order Capture System, pagination is missing for the Order History Details page.
	Workaround: None.
AF-7628	<b>Summary:</b> Order Capture System does not search a product or bundle that is mentioned in the search criteria.
	Workaround: None.
AF-7625	<b>Summary:</b> Order Capture System pagination is not displaying all pages listed. <b>Workaround:</b> None.
AF-7495	<b>Summary:</b> 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. <b>Workaround:</b> None.
AF-7454	<b>Summary:</b> Execute permission for all the micro services is not present. <b>Workaround:</b> None.
AF-7399	<b>Summary:</b> The inflow order gadget is not seen properly when you restore the minimized view of the gadget.
	Workaround: None.

Key	Summary and Workaround
AF-7382	<b>Summary:</b> The Order Management Server UI gives a scripting error when the user tries to add a custom header UDF to an order that is in a suspended state. <b>Workaround:</b> None.
AF-7381	<b>Summary:</b> The ProductId search pagination shows the wrong number of records. <b>Workaround:</b> None.
AF-6646	<b>Summary</b> : In the Configurator, you cannot edit the drop-down list for Pooled Data Source URL. <b>Workaround:</b> None.
	workaround: None.
AF-6349	<b>Summary:</b> Order Capture System is not able to load models with building blocks. <b>Workaround:</b> None.
AF-5928	<b>Summary:</b> In Order Capture System, the "Non Sellable Type" list configurable by the administrator user has no effect; types configured in this list are still displayed by the catalog pages.
	Workaround: None.
AF-5922	<b>Summary:</b> During the amendment flow in Order Capture System, the edit link for the order line might disappear after displaying the original order in the modal window.
	<b>Workaround:</b> Go back to the Shopping Cart page. Then go to the Checkout page; there you can edit the order line.
AF-5918	<b>Summary:</b> 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 refreshes this display.
AF-5908	<b>Summary:</b> 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	<b>Summary:</b> The Order Capture System server startup might take time to load the catalog file when it exceeds the threshold to reach the complexity, for example, when there are lots of groups defined in the catalog.
	Workaround: None.
AF-5844	<b>Summary:</b> When canceling the modification of an order, the confirmation window does not close in some cases.
	<b>Workaround:</b> When timeout occurs, refreshing the browser stops this endless behavior, and goes to the login page.

Кеу	Summary and Workaround
AF-5816	<b>Summary:</b> 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. <b>Workaround:</b> None.
AF-5768	<b>Summary:</b> When adding a product to the cart with some quantity in Order Capture System, the original price of the product is changed. <b>Workaround:</b> None.
AF-5767	<b>Summary:</b> Order Capture System with Internet Explorer, gives scripting error while viewing plan <b>Workaround:</b> 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	<b>Summary:</b> On IE11: When a 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 <b>Workaround:</b> None.
AF-5756	<b>Summary:</b> 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. <b>Workaround:</b> Refresh the page so the UI redirects to the login page.
AF-5666	<b>Summary:</b> In Order Capture System, sometimes the list of orders in order history is loaded twice, and might refer to a bad reference. <b>Workaround:</b> Refresh the page.
AF-5638	<b>Summary:</b> The pagination number is not consistent while displaying orders for order history in Order Capture System. <b>Workaround:</b> 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-4861	<b>Summary:</b> In TIBCO Configurator, when you hover over the icon, the tooltip is not shown. <b>Workaround:</b> None.
AF-4860	<b>Summary:</b> 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. <b>Workaround:</b> None.

Summary and Workaround
<b>Summary:</b> 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.
<b>Summary:</b> If an order submitted with a future date gets canceled, all the milestones go into the COMPLETE status. However, the time dependency remains in the PENDING status. <b>Workaround:</b> None.
<b>Summary:</b> For an order amendment, the incorrect plan is generated if the 'SequenceDirection' flag is used in the ProductDependsOn relationship. <b>Workaround:</b> None.
<b>Summary:</b> Sometimes background color of Gantt chart is lost when zoomed in at Millisecond level.
<b>Workaround:</b> Background color coding can be viewed correctly in zoom level seconds and above.
<b>Summary:</b> At a higher zoom level typical icon might appear coming ahead of the section level bar.
<b>Workaround:</b> Try viewing the Gantt at the 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 a typical end and section level bar.
<b>Summary:</b> Tooltip for attributes in the condition builder or template builder shows " " instead of line feed.

Workaround: None.

Key

AF-4857

AF-4245

AF-3597

AF-2379

AF-2373

AF-2337

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 integer valued properties such as timeout, HTTP port and so on.

Workaround: None. AF-1642 **Summary:** This is not a regular scenario. JavaScript error only appears when you perform maximize, minimize, and restore gadget actions in sequence in a 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.

### **TIBCO** Documentation and Support Services

For information about this product, you can read the documentation, contact TIBCO Support, and join the TIBCO Community.

#### How to Access TIBCO Documentation

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

The website is updated frequently and is more current than any other documentation included with the product.

#### **Product-Specific Documentation**

The following documentation for this product is available on the TIBCO® Order Management page.

- TIBCO<sup>®</sup> 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<sup>®</sup> Order Management Long Running Getting Started Guide
- TIBCO® Order Management Long Running Best Practices Guide
- TIBCO<sup>®</sup> Order Management Long Running Concepts and Architecture Guide
- TIBCO<sup>®</sup> Order Management Long Running Web Services Guide

#### How to Contact TIBCO Support

Get an overview of TIBCO Support. You can contact TIBCO Support in the following ways:

- For accessing the Support Knowledge Base and getting personalized content about products you are interested in, visit the TIBCO Support website.
- 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 TIBCO Support website. 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 TIBCO Community.

SOME TIBCO SOFTWARE EMBEDS OR BUNDLES OTHER TIBCO SOFTWARE. USE OF SUCH EMBEDDED OR BUNDLED TIBCO SOFTWARE IS SOLELY TO ENABLE THE FUNCTIONALITY (OR PROVIDE LIMITED ADD-ON FUNCTIONALITY) OF THE LICENSED TIBCO SOFTWARE. THE EMBEDDED OR BUNDLED SOFTWARE IS NOT LICENSED TO BE USED OR ACCESSED BY ANY OTHER TIBCO SOFTWARE OR FOR ANY OTHER PURPOSE.

USE OF TIBCO SOFTWARE AND THIS DOCUMENT IS SUBJECT TO THE TERMS AND CONDITIONS OF A LICENSE AGREEMENT FOUND IN EITHER A SEPARATELY EXECUTED SOFTWARE LICENSE AGREEMENT, OR, IF THERE IS NO SUCH SEPARATE AGREEMENT, THE CLICKWRAP END USER LICENSE AGREEMENT WHICH IS DISPLAYED DURING DOWNLOAD OR INSTALLATION OF THE SOFTWARE (AND WHICH IS DUPLICATED IN THE LICENSE FILE) OR IF THERE IS NO SUCH SOFTWARE LICENSE AGREEMENT OR CLICKWRAP END USER LICENSE AGREEMENT, THE LICENSE(S) LOCATED IN THE "LICENSE" FILE(S) OF THE SOFTWARE. USE OF THIS DOCUMENT IS SUBJECT TO THOSE TERMS AND CONDITIONS, AND YOUR USE HEREOF SHALL CONSTITUTE ACCEPTANCE OF AND AN AGREEMENT TO BE BOUND BY THE SAME.

This document is subject to U.S. and international copyright laws and treaties. No part of this document may be reproduced in any form without the written authorization of TIBCO Software Inc.

TIBCO, the TIBCO logo, the TIBCO O logo, ActiveMatrix BusinessWorks, TIBCO Runtime Agent, TIBCO Administrator, and Enterprise Message Service are either registered trademarks or trademarks of TIBCO Software Inc. in the United States and/or other countries.

Java and all Java based trademarks and logos are trademarks or registered trademarks of Oracle and/or its affiliates.

All other product and company names and marks mentioned in this document are the property of their respective owners and are mentioned for identification purposes only.

This software may be available on multiple operating systems. However, not all operating system platforms for a specific software version are released at the same time. See the readme.txt file for the availability of this software version on a specific operating system platform.

THIS DOCUMENT IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT.

THIS DOCUMENT COULD INCLUDE TECHNICAL INACCURACIES OR TYPOGRAPHICAL ERRORS. CHANGES ARE PERIODICALLY ADDED TO THE INFORMATION HEREIN; THESE CHANGES WILL BE INCORPORATED IN NEW EDITIONS OF THIS DOCUMENT. TIBCO SOFTWARE INC. MAY MAKE IMPROVEMENTS AND/OR CHANGES IN THE PRODUCT(S) AND/OR THE PROGRAM(S) DESCRIBED IN THIS DOCUMENT AT ANY TIME.

THE CONTENTS OF THIS DOCUMENT MAY BE MODIFIED AND/OR QUALIFIED, DIRECTLY OR INDIRECTLY, BY OTHER DOCUMENTATION WHICH ACCOMPANIES THIS SOFTWARE, INCLUDING BUT NOT LIMITED TO ANY RELEASE NOTES AND "READ ME" FILES.

This and other products of TIBCO Software Inc. may be covered by registered patents. Please refer to TIBCO's Virtual Patent Marking document (https://www.tibco.com/patents) for details.

Copyright © 2010-2022. TIBCO Software Inc. All Rights Reserved.