TIBCO® Order Management

Release Notes

Version 6.1.0 | October 2024

Contents

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.

New Features

The following features have been added in this release of TIBCO® Order Management.

Order Recovery Options in Order Management System UI

The Order Management System UI has been enhanced with options to facilitate the recovery of stuck orders. It has the following options:

- **Pending Tasks** tab: The **Order Details** page now includes a **Pending Tasks** tab.

- Enhanced **Grid Views**: Two distinct grid views have been added to improve task management and recovery actions:

  - **Order Grid**: It displays order information, including `OrderID`, `OrderRef`, `CustomerID`, `SubscriberID`, `OrderDescription`, `Task`, and `Action` options.

  - **Plan Item Grid**: It shows details of plan items with `plan item ID`, `plan item Name`, `plan item Description`, `plan fragment ID`, `plan fragment Name`, `plan fragment Description`, `Milestone ID`, `Tasks`, and `Actions`.

For more information, see the "Order Management System User Interface" section in the *TIBCO® Order Management User Guide.*

Order Management System UI Auto-Refresh

The Order Management System UI now includes an auto-refresh feature that keeps the bar charts and pie charts up to date in real time by refreshing them every 20 seconds. This feature ensures that you always view the most current data without requiring manual refreshes. You can also customize the auto-refresh interval to suit your requirements. For more information, see the "Order Management System User Interface" section in the *TIBCO® Order Management User Guide.*

New APIs in Archival Service

The following new APIs are added for the Archival service:

- Operation GetPieChartDetailsByCriteria

End point: `/v2/orders/pieChartDetails` (HTTP GET method)

- Operation GetPlanItemByCriteria

  End point: `/v2/orders/planItems` (HTTP GET method)

For more information, see the "Archival Services API samples" section in the *TIBCO® Order Management Web Services Guide.*

Changes in Functionality

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

Service and Functionality	Before 6.1.0 release	Starting from 6.1.0 release
Orchestrator listener queue	The Orchestrator manages listeners on many queues. When there are no messages on a certain queue, the threads are blocked as they are listening on the queue.	A bridge is created between existing queues and new queues with the selector as the originator. The original queue is modified to expire stale messages. You can set the expiration for the older message and then the Orchestrator listens to the `tibco.aff.orchestrator.inbound.queue` queue.
AOPD plan generation request	The plan generation requests are listened to on REST APIs.	AOPD now listens to the plan generation requests on EMS. Once a plan is generated, it is dispatched to EMS queues. The owner instance is assigned on order submission. The number of listeners is computed in AOPD during start-up.
Broker service recovery notifications	The Orchestrator saves notifications for recovery in its database.	The recovery notifications are dispatched to the Broker service through EMS. The Broker service saves notifications for recovery in its database. A new queue `tibco.aff.orchestrator.order.event.notification.queue` is introduced for the same.
Archival audit trail requests	The Orchestrator saves audit trails in its database.	The audit trails are dispatched to the Archival service through EMS. The Archival service saves audit trails in its database. A new queue `tibco.aff.orchestrator.order.event.no`

Service and Functionality	Before 6.1.0 release	Starting from 6.1.0 release
		`tification.queue` is introduced for the same.
`TriggerDeadOrder` API parameters	There is no parameter in the `TriggerDeadOrder` API. So if there is a large number of entries in the `dead_order_event` table, the Orchestrator processes all orders through `TriggerDeadOrder` API that causes a performance issue.	The `Number of orders` parameter is added to the `TriggerDeadOrder` API. Now you can set this parameter as per your requirements.
`FeasibilityReply` APIs	-	Along with the `FeasibilityReply` API, the `PreQualificationFailed` reply API is now part of order API.
Lock retry configuration of the orchestrator	If a thread failed to acquire a lock, an exception is generated immediately, leading to a transaction rollback and preventing any retry attempts.	This behavior has been modified. As a result, the retry configuration in `ConfigValues_OrchService.json` is removed to align with the new handling mechanism.
Locking in Jeopardy database	-	The need for locking in the Jeopardy database is removed.
Jeopardy database partitions	-	All the tables in the Jeopardy database are partitioned.
Error message and status code	-	Error messages and status codes are now included in the response body to provide clearer feedback on request outcomes.

Service and Functionality	Before 6.1.0 release	Starting from 6.1.0 release
`getJeopardyAlertMsg` API endpoint	The endpoint for the `getJeopardyAlertMsg` API is `v1/alerts`.	The endpoint for the `getJeopardyAlertMsg` API is updated to `/plan/alerts`.
Order Management System UI pie chart	-	Fixed an issue where OPDERROR orders are not displayed in the pie chart's `HasError` section of the Order Management System UI. Orders with errors are now accurately represented, enhancing error tracking.
Cache expiry periods in Orchestrator	The `planFragmentCacheExpiryPeriod` is set to 30 by default in the Orchestrator.	The default value for `planFragmentCacheExpiryPeriod` has been updated to 525600 to align with the default settings for `actionCacheExpiryPeriod` and `productCacheExpiryPeriod` in AOPD.
`catalogLoadingUsingEms` flag	The default value of the `catalogLoadingUsingEms` flag is set as false.	The default value of the `catalogLoadingUsingEms` flag is hard coded as true.
`signingKey` property	-	The `signingKey` property has been removed from the `ConfigValues_Common.JSON` file.
`UserRoleVerification` functionality	-	The AOPD service has been updated to include `UserRoleVerification` functionality.
Bulk Action screen on Order Management System UI	-	The **Bulk Action** screen has been updated to include **Created Date** and **Type** columns on the Order Management System UI.
Enhanced purge order API for multiple orders	-	The purge order API has been upgraded to support the handling of multiple orders simultaneously.

Service and Functionality	Before 6.1.0 release	Starting from 6.1.0 release
Orchestrator cache interval configuration	-	The interval at which the Orchestrator cache is refreshed can now be configured as a property through a Cron job.
`PlanItemExecuteRequest`	-	The `PlanItemExecuteRequest` has been updated to include a RetryCount parameter.
`v1/order/audit` API for the GET method	-	The `v1/order/audit` API is renamed to `/v1/orders/audit/bulk` (operation `getAuditTrailData`). A new API `/v1/orders/audit` is introduced for `getAuditTrail` operation. **Note:** The `v1/order/audit` API for the POST method is still functional.
Response Messages Namespace	-	Namespaces are changed from the response queue. For more information, see *TIBCO® Order Management Web Services Guide*.
API Response Codes	The calls are not asynchronous.	The calls are now asynchronous. Hence the response codes are changed accordingly. You can find more details about response codes on Swagger UI.
Maximum number of amendments	-	The PLANITEMID data type column has been updated. You can now perform an unlimited number of amendments. **Note:** It is a best practice to keep the maximum number of amendments under 30 for a particular order.
Configuration value	-	• In the `AopdService.JSON` file, the

Service and Functionality	Before 6.1.0 release	Starting from 6.1.0 release
properties		"EMS Configurations for Global Cache Clean" category is renamed as "EMS Configurations". • In the `OrchService.JSON` file, the "Status Messages Redelivery Policy Configuration" category is renamed as "Default jms Redelivery Policy Configuration".
Originator southbound requests	-	Requests to southbound systems, whether made via EMS or REST, now include a header named `originator` with the `instanceid` as its value.
Intermediate Milestones	After receiving a plan item execute reply, the plan item transitioned to the completed state even if some intermediate milestones are not completed.	For a plan item with intermediate milestones that are not completed, the plan item no longer transitions to the completed state after receiving a plan item execute reply. Instead, an error is generated, stating "Intermediate milestones are not completed".
In Progress jobs of Order Management System UI	-	The **In Progress jobs** tab of Order Management System UI shows the impacted plan item IDs list.
PostgreSQL database partitioning	-	The partitioning of the PostgreSQL database has been enhanced.
Find Orders page of Order Management System UI	-	You can select all the orders in one go by selecting the checkbox on the header row.
Response of recovery API	-	An enhancement is made in the response of the recovery API to include more details

Service and Functionality	Before 6.1.0 release	Starting from 6.1.0 release
(/v1/notifications/pending)		about the order level and plant item level pending notifications.
Criteria APIs of Archival service	-	`v1/order/criteria` and `v1/plan/criteria` APIs are replaced with the `v1/order/details` and `v1/plan/details` APIs respectively.
`enablePurgeCompleteOrder` flag of Archival service	-	The `enablePurgeCompleteOrder` flag is removed from the Archival service.
`enablePurgeCompleteOrder` flag of Orchestrator service	-	The default value of the `enablePurgeCompleteOrder` flag in Orchestrator service is set as `true`.
`CreateDate` column of Audit trail table	-	The `CreateDate` column of the Audit trail table has been updated from Date to timestamp. Previously, it used to show only the created date. Now, it shows more details, such as hour and minutes.
`archival_lock` table of Archival service	The `archival_lock` table manages to lock when notifications are provided in the Archival service.	The Archival database has been restructured. Instead of a single table, there are now multiple tables. With this change, the Archival service no longer requires locks to process notifications. The service directly updates the relevant tables.
Plan Items Dependencies tab of Order Management System UI	-	Pagination feature is introduced in the **Plan Items Dependencies** tab of Order Management System UI. Now, only one page loads at a time, making it easier to manage large amounts of data.
Audit trail	-	The **Audit trail messages for selected**

Service and Functionality	Before 6.1.0 release	Starting from 6.1.0 release
messages for selected orders section of Order Management System UI		**orders** section of has been removed from the Order Management System UI. The information present in this section can be found on the **Activity Log** tab.
`ConfigValues_OrchService.JSON` file	-	In the `ConfigValues_OrchService.JSON` file, under "Plan Item failure retry configurations" category, two new properties are added: `maxRetryCount` and `retryInterval`. With these settings, the retry mechanism uses the specified number of retries and time interval (in seconds). Instead of the plan item immediately going to the `ERROR_HANDLER` state on receiving a `planItemFailedReply` request, it makes the retry attempts first.
`enablePurgeCompleteOrder` flag in `ConfigValues_OrchService.JSON` file	-	The default setting for `enablePurgeCompleteOrder` is true. When this is true, orders are removed from the database once they reach a final state. As a result, APIs in the Orchestrator and Data service stop working for any orders that have been purged. Therefore, if you want to keep using these APIs for orders after they are completed, you must set `enablePurgeOnCompletion` to false.
Order amendment process enhancement	-	During the amendment process, the system now enforces a rule that at least one plan item must be in either a `Suspending` or `Suspended` state. This validation prevents invalid state transitions and ensures data integrity.

Deprecated and Removed Features

The following features have been deprecated or removed as of this release of TIBCO® Order Management.

> ✅ **Tip:** For deprecated features, if relevant, useful alternatives are listed. Any use of a deprecated feature should be discontinued because it might be removed in a future release. To avoid becoming dependent on deprecated features, ensure that you become familiar with the suggested alternative features.

Removed Features

Affected Component or Feature	Description	Deprecated in Version	Removed in Version
`Tibbr` and `File` notification	`Tibbr` and `File` notification types are removed from the Jeopardy rule schema.	6.1.0	6.1.0
Automating postinstallation configurations	Automating postinstallation configurations are not supported from this release.	6.1.0	6.1.0
Archival APIs	The following APIs are removed from this release: • /v1/orders/summary • /v1/ordersByCriteria • /v1/plansByCriteria • /v1/auditTrail/getAuditTrailDataForOrder • /v1/order/opdErrorHandlerReply	6.1.0	6.1.0
Orchestrator	The following APIs are removed from this	6.1.0	6.1.0

Affected Component or Feature	Description	Deprecated in Version	Removed in Version
APIs	release: • /order/plan • /v1/amend • /v1/audit • /order/audit • /v1/order/orderContentForArchival • v1/order/dead/all • v1/order/dead • v1/order/pending • /v1/plan/opd-error-handler-reply		
AOPD APIs	The following APIs are removed from this release: • /v1/plan/async • /v1/plan/amend/async	6.1.0	6.1.0
Jeopardy-related queues	The following Jeopardy queues are removed from this release: • tibco.aff.oms.events.jeopardy.update • jeopardy.order • jeopardy.planitem.execute.request • jeopardy.plan • jeopardy.plan.create • jeopardy.planitem.execute.response	6.1.0	6.1.0
Order DDL	The `dead_order_event` order DDL script is	6.1.0	6.1.0

Affected Component or Feature	Description	Deprecated in Version	Removed in Version
scripts	removed from this release.		
Service notification type in Jeopardy	The service notification type in the latest Jeopardy rule configuration is not supported.	6.1.0	6.1.0
Orchestrator properties	The following properties are removed from the orchestrator: • numCachedMachines • validateDuplicateOrder • recoverFailedOrder	6.1.0	6.1.0
Generate Authorization Header API	The `disappear` API has been removed from this release.	6.1.0	6.1.0

Closed Issues

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

Key	Summary
AF-18776	An enhanced query is introduced to add missing indexes in TIBCO Order Management.
AF-18616	Order Management service requests stalls for several seconds, even under low system load.
AF-18609	The Plan item status does not update to `Completed` even after Order Management receives a successful finish notification.
AF-18604	In AOPD, plan generation fails with the following error: `Caused by: java.lang.StackOverflowError`.
AF-18597	On the **Plan Items** tab of Order Management System UI, sorting functionality for the `Status`, `Plan Item ID`, and other columns is not working as expected.
AF-18534	Bulk selection option not available in the Order Management System UI to add orders in the work tray.
AF-17646	The execution plan is not generated correctly after the feasibility phase is finished.
AF-17514	On the Order Management System UI, the Dependency View (grid view) does not display properly.
AF-17498	Fixed an issue with the maximum number of amendments allowed on an order.
AF-17481	The businessTransactionID tag is not populated in the plan item execute request.

Key	Summary
AF-17463	Orders cannot be amended when they are in the feasibility state.
AF-17462	On the Order Management System UI, for the plan timeline, the productId is missing in the **Plan Item Display Name** checkboxes.
AF-17461	On the Order Management System UI, for plan item dependencies, the productId is missing in the **Plan Item Display Name** checkboxes.
AF-17460	Under the **Plan Items** tab on the Order Management System UI, the columns in the list of plan items do not display properly.
AF-17459	On the Order Management System UI, the dashboard page does not sort orders correctly.
AF-17353	After an order has received an amendment request, it stops responding appropriately.
AF-17341	The header elements are missing in the plan item execute request message.
AF-17329	The feasibility request is missing UDFs in the header section.
AF-17307	Performance has degraded for some product queries. As a fix, an index has been created for PostgreSQL and Oracle to improve performance.
AF-17297	Not all plan details are displayed when clicking an order in the MFA tenant.
AF-17158	The dependency is shown in the wrong state after the fourth amendment.
AF-17155	Support for the Debian 12 operating system has been added.
AF-17129	Support for TIBCO Enterprise Message Service 8.7 has been added.
AF-17109	The **submittedDate** column in the Order Management System UI main dashboard displays incorrect dates.
AF-16939	Support for Microsoft SQL Server 2022 has been added.

Key	Summary
AF-16933	A plan item in an error state cannot be retried, resumed, or completed for a single order.
AF-16922	An error generating a 500 error code occurs on the Order Management System UI for large plan orders. The logs display an OutOfMemory exception.
AF-16913	After migrating to TIBCO Order Management 6.0.0_HF-001, the statuses of non-executing order lines are displayed as PENDING, which were previously in COMPLETED status.
AF-16858	Submitting orders using the multi-factor authentication tenant from Postman generates an error with the 'lastmodifiedbyuser' column.
AF-16855	A script has been added in TIBCO Order Management 6.0.0_HF-002 to migrate from a default tenant to a multi-factor authentication tenant.
AF-16800	An error occurs in the order after sending the same amendment again.
AF-16790	Logging out from the configurator UI using a multi-factor authentication tenant redirects to the Microsoft login page instead of the configurator UI login page.
AF-16692	On the Order Management System UI dashboard, the status of the order lines is not visible.
AF-16686	The migration of global indexes to local indexes fails when the indexes are created because of unique constraints.
AF-16661	Filters are not working correctly on the Order Management System UI.
AF-16598	Now, when you update the audit trail, a message is displayed on the Order Management System UI. Previously, you had to check the logs for these details.
AF-16495	A documentation defect related to incorrect amendment while creating a COMP Plan item has been fixed.

Key	Summary
AF-16492	In Order Management 5.1.0_HF-007 Hotfix, the error handler name does not display for the Plan Item Failed Request Event.
AF-16463	In Order Management 6.0.0_HF01 Hotfix, the OPD retry does not function as expected.
AF-16336	Milestone status changes from 'Complete' back to 'Pending' after an amendment.
AF-16335	Orders migrated from the 5.1.0_HF-007 Hotfix that are in an execution state do not have a PlanFragment ID.
AF-16326	In Order Management 6.0.0_HF01 Hotfix, the `ID` and `Plan Item ID` are not available in the column picker.
AF-16316	On the Order Management System UI, the Start timestamp and End timestamp dates are incorrect for the submitted order.
AF-16315	An unexpected error is seen in the `Order Decomposition` view.
AF-16311	In Order Management 6.0.0_HF01 Hotfix, Activity Logs are missing.
AF-16275	A soapFault error occurs after submitting the Get Order Details request.
AF-16253	The search functionality does not work for plan/order/orderline level user-defined fields.
AF-16188	Scaling the Orchestrator leads to performance degradation.
AF-16175	The affinity inLink does not work after the first order line.
AF-16091	The Archival service fails to process messages.
AF-16089	Orders cannot be submitted when the 'enableSecureAPI' flag is set to false.
AF-16087	An unexpected error occurs when clicking the 'Show Execution Plan' tab on the Order Management System UI.

Key	Summary
AF-15947	Sorting by status does not work in the plan item and order lines table.
AF-15933	The dependency is shown in the wrong state after the second amendment.
AF-15926	On the Order Management System UI, there is a time zone issue with the 'Search By Dates' criteria. The UTC date range is not converted to a local date range.
AF-15899	The error codes and error messages for TIBCO® Order Management are updated on the Swagger UI. Now, you can refer to the Swagger UI pages of the respective services to view the error codes and messages.
AF-15895	The enableOPDErrorHandling configuration, missing in TIBCO Order Management 5.1.0, has now been added.
AF-15856	The Jeopardy system generates an 'Unable to acquire lock' error.
AF-15853	The option to choose a display name on the **Plan Timeline** tab has been added in TIBCO Order Management 6.0.0.
AF-15809	The toggle option to hide or show that the work tray has been added in TIBCO Order Management 6.0.0.
AF-15805	The plan items list should appear in a sorted manner, based on milestone dependency.
AF-15804	The page size is refreshed when a user navigates between multiple tabs.
AF-15803	An enhancement has been made to the 'Dependency View' on the Order Management System UI.
AF-15802	TIBCO Order Management microservices do not start if the SSL password is encrypted in the `application.properties` file.
AF-15800	An enhancement has been made to the pagination table of the OrderLines and PlanItems tabs on the Order Management System UI.

Key	Summary
AF-15781	Some orders are missing on the Order Management System UI.
AF-15779	The time zone received in the status change notification is incorrect.
AF-15756	The refresh functionality is missing in the Order Information widgets.
AF-15736	An error message is displayed when you submit an order with the order priority attribute value other than 4.
AF-15729	An error message "Plan is not generated yet." is returned on the Order Management System UI, although the plan has actually been generated.
AF-15725	An error message 'Plan is not generated yet' is returned on the Order Management System UI, although the plan has actually been generated.
AF-15723	An enhancement has been made to the PlanItems tab on the Order Management System UI to show various selection options.
AF-15720	The Amend Redo Plan item Request incorrectly includes an additional milestone.
AF-15717	Order amendment does not function as expected.
AF-15690	The order priority functionality has been added to TIBCO Order Management.
AF-15689	An issue related to database indexing has been resolved.
AF-15678	Messages accumulate in the tibco.aff.orchestrator.archival.notification queue, and orders are not visible on the Order Management System UI.
AF-15659	The **Get Plan Items** interface incorrectly returns the _nm_ and _ns_ values.
AF-15647	LDAP has been integrated with TIBCO Order Management.
AF-15568	A Java heap space issue has occurred in the Jeopardy system.

Key	Summary
AF-15532	In the Order Management System UI, on the **Order-Composition** tab, the AUTOPROVISION flag does not function as expected.
AF-15522	It is not possible to select all error plan items at the same time for the Bulk Action function from the Order Management System UI.
AF-15521	When navigating from the orderdetails page to the dashboard, the **Proportion of orders with errors** window displays the error: `No data found, chart could not be created at this moment.`
AF-15508	When TIBCO® Order Management and TIBCO® Offer and Price Engine are integrated, submitting an order results in the following error: `a soapfault 400 BAD_REQUEST.`
AF-15482	Migrated orders cannot be amended.
AF-15473	An unexpected error occurs when the server timezone differs from UTC.
AF-15467	The Orchestrator service cannot be started if the `enableNotification` flag is set to false.
AF-15457	An order is not purged from the Archival service if it is absent from the Orders database.
AF-15432	If multiple plan items are present on the **Plan Timeline** tab, the plan items are not displayed.
AF-15425	Order details can be fetched for the withdrawn order in case of an OPD error handler issue.
AF-15423	The audit trail still appears for the withdrawn order.
AF-15411	The `PlanItemBulkErrorHandlerReply` operation does not consider multiple plan items from a single plan.
AF-15410	The `bulkErrorHandlerReply` operation in the `PlanItemBulkErrorHandler` does not work as expected.

Key	Summary
AF-15403	A 404 error occurs when providing the correct plan ID and incorrect OrderRef for the API GETORDEREXECUTIONPLAN on the Orchestrator.
AF-15401	Jeopardy notifications are not migrated.
AF-15374	The planItemId is null for plan-level jeopardy alerts.
AF-15372	Differences were observed in the risk region between getPlanInJeopardy and generate plan timeline APIs.
AF-15370	Changing the riskRegion status from one state to another in the Jeopardy service generates a NullPointerException in the logs.
AF-15367	In the planTimeline response, planItemId is shown as null for the ERROR, ERROR_HANDLER, and START plan items.
AF-15366	Orders in the PREQUALIFICATIONFAILED and OPD_ERROR states are added to the work tray.
AF-15349	The ORDERAMENDMENT type audit trail is missing from the Order Management System UI.
AF-15348	When the Orchestrator is not operational, the Archival service is unable to provide a partial response for mixed-state orders.
AF-15319	The Archival server generates an error when the passed orderId does not have any audit trails.
AF-15316	The amendment request does not cancel all the plan items in the Plan state.
AF-15303	Dependencies are not properly shown in 'Plan items dependencies' in the case of an intermediate milestone with the status NOTIFYPENDING.
AF-15279	A NullPointerException is seen in the Jeopardy service when a user searches for rules with status criteria.

Key	Summary
AF-15268	It is not possible to create, view, or update jeopardy rules from the Order Management System UI.
AF-15267	After setting the 'Error handler' to 'Internal', the option to mark a plan item as complete is unavailable on the Order Management System UI.
AF-15266	On the Order Management System UI dashboard, the 'InFlow Orders' gadget is missing.
AF-15265	On the Order Management System UI dashboard, orders in the Jeopardy gadget are missing.
AF-15253	When sending a planItemExecuteReply request with a messages array detailing the order line, the details are not visible at the plan item level.
AF-15252	Users with ROLE_USER can submit orders, which is an unexpected behavior. Additionally, logs based on username and user ID are missing, hindering activity tracking.
AF-15228	Canceled plan items are not displayed in the plan timeline.
AF-15224	When OPDERROR orders are present, the Plan Fragment and Plan item Status are not displayed in the work tray.
AF-15208	An error is returned when using the filter processComponentNameList in the GetPlansByCriteria operation.
AF-15021	The API user failed to obtain an access token.
AF-15197	Jobs are loaded under the In-progress jobs section for withdraw action.
AF-15194	On the Order Management System UI, orders in the ERROR state are not loaded in the work tray.
AF-15010	The sample requests for the `/v1/planfragmentmodel/bulk` and `/v1/planfragmentmodel` APIs are not correct.

Key	Summary
AF-14939	The Orchestrator generates exceptions when configured with Redis.
AF-14906	When sending a `planItemExecuteReply` request with a messages array detailing the order line, the details are not visible at the plan item level.
AF-14901	In the Order Management System UI, it is not possible to take any of the following actions on a single order: Cancel, Suspend, Resume, Withdraw.
AF-14881	Clearing a checkbox for pagination displays incorrect information in the Activity Logs.
AF-14857	Orders with plan items in the ERROR state cannot be searched in the Order Management System UI.
AF-14797	The `Orders in Execution` gadget is missing from the Order Management System UI dashboard.
AF-14788	When a child product has two parents, the Catalog service GET API does not list the common child for both parents.
AF-14758	Orders do not appear on the **Jeopardy** tab of the Order Management System UI Dashboard.
AF-14625	Canceling one of the order lines involved in an affinity causes affinity plan items to be re-created.
AF-14464	Dynamic acknowledgment mode resolver functionality has been added, allowing for individual selection of Plan Item Execution technology.
AF-14405	Error caused by: org.apache.commons.scxml.model.ModelException: Initial state null or not a descendant of the state with ID 'ORDERAMENDMENT'.
AF-14214	`Tibbr` and `File` notification types are removed from the Jeopardy rule schema.
AF-14091	An error occurs when running the CANCEL command to amend an order for the second time.

Key	Summary
AF-13972	Support for Java 17 has been added to TIBCO Order Management.
AF-13840	Supports for the OpenID Connect (multi-factor authentication) for Authorization service in Order Management have been added.
AF-12362	Tenant Catalog cannot be purged with the Offline Catalog Purge service.
AF-12325	In AOPD, plan generation triggers a `StackOverflowError`.
AF-12031	RedHat UBI images are now being used instead of CentOS.
AF-10576	Support for Oracle 19c has been added to TIBCO Order Management.
AF-10450	Support for Kubernetes has been added in this release.
AF-9930	The database columns for PLAN_ITEM.RETRYCOUNT and PLAN_FRAGMENT.RETRYCOUNT are not being updated.
AF-9365	The issue related to the `CreateEMSChannel.txt` script has been fixed.
AF-9021	The `retryCount` information is included within the `PlanItemExecuteRequest` message when Order Management runs the retry automatically.
AF-8932	The database password is now securely encoded in the `configDBrepo.properties` files.
AF-8725	An integrity constraint error occurs due to a closed connection in jeopardy.
AF-8714	A document enhancement has been created for adding the `TenantID` field.
AF-8710	A document enhancement has been created regarding the modification of the `backUpThreshold` property.
AF-8008	An issue is resolved where the `ORDER_DETAILS` record is being deleted when an order's status is updated to complete.

Key	Summary
AF-7652	After changing the date format in the Configurator and restarting the Order Management Server UI, the date format does not update.
AF-7651	The layout of the Required By Date calendar on the Edit Order page of the Order Management Server UI is too confined for date selection.
AF-7454	Run permission for all microservices is absent.
AF-7399	The inflow order gadget does not display correctly when restoring the minimized view.
AF-7382	The Order Management Server UI produces a scripting error when adding a custom header user-defined fields to an order in a suspended state.
AF-7381	The ProductId search pagination displays an incorrect number of records.
AF-6732	A self-dependency error occurred in plan items with PCO combinations.
AF-6646	In the Configurator, editing the dropdown list for Pooled Data Source URL is not possible.
AF-5844	When canceling an order modification, the confirmation window does not close in some cases.
AF-5816	The UDF list in the configurator malfunctions. The scroll bar is only displayed when using the UP or DOWN key, and after the box for adding a new entry is deleted, it cannot be added again.
AF-5098	Canceling an order when AOPD is in stand-alone mode and feasibility is enabled results in failed error handling due to a `java.lang.IllegalArgumentException` error.
AF-4861	In the TIBCO Configurator, tooltips do not appear when hovering over icons.
AF-4860	In the TIBCO Configurator, after the session expires and the user acknowledges the `The session is expired. You need to relogin` pop-

Key	Summary
	up message, it is displayed again.
AF-4857	In the TIBCO Configurator, after clicking log out and then canceling the log out confirmation, the property configurator logs out automatically.
AF-4245	If an order submitted with a future date is canceled, all milestones enter the COMPLETE status, but the time dependency remains in the PENDING status.
AF-3597	For an order amendment, using the `SequenceDirection` flag in the `ProductDependsOn` relationship generates an incorrect plan.
AF-2379	The background color of the Gantt chart sometimes disappears when zooming in at the millisecond level.
AF-2373	At higher zoom levels, an icon disappear to precede the section level bar.
AF-2337	Tooltips for attributes in the condition builder or template builder display "
" instead of a line feed.
AF-2226	TIBCO® Fulfillment Order Management Configurator does not validate input values for configuration properties against the expected data type, allowing strings for properties expected to be integers, such as timeout and HTTP port.
AF-1642	A JavaScript error occurs only when maximizing, minimizing, and restoring gadget actions are performed in sequence within a short period.
AF-813	Invalid rows are retrieved when filtering orders using the Submitted Date filter (between <, <=, >, >=).

Known Issues

The following issues exist in this release of TIBCO® Order Management.

Key	Summary and Workaround
AF-19034	**Summary:** On the Order Management System UI work tray, you cannot take an action on plan items in the `ERROR` state when you select them all at once. **Workaround:** None
AF-19033	**Summary:** On the Order Management System UI work tray, the "Select All" option for plan items in an error state intermittently fails to function as expected. **Workaround:** None
AF-19031	**Summary:** The `evaluationPriority` field value is currently missing from the Archival plan User-Defined Field (UDF). **Workaround:** None
AF-18898	**Summary:** When attempting to log into the Order Management System UI with invalid credentials, the system does not display an appropriate error message. **Workaround:** None
AF-18890	**Summary:** You cannot cancel an order in the feasibility state through the amend order API. **Workaround:** None
AF-18884	**Summary:** Updates made to UDF via the Data service are not reflected in the Archival data. **Workaround:** None

Key	Summary and Workaround
AF-18866	**Summary:** Order amendment status is incorrectly shown as START in the archival database after migration to TIBCO Order Management 6.1.0. **Workaround:** None
AF-18849	**Summary:** When migrating orders from TIBCO Order Management 5.1.0 HF-8 to TIBCO Order Management 6.1.0, the submitted date is displayed incorrectly. **Workaround:** None
AF-18783	**Summary:** The Order Management System UI does not display order amendment details on the **Order Homepage**. **Workaround:** None
AF-18866	**Summary:** When you migrate orders from OM 5.1.0 HF-8 or OM 6.0.0 HF-3 to OM 6.1.0, the order amendment status stays as START instead of changing to COMPLETE as expected. **Workaround:** None
AF-18484	**Summary:** When attempting to retrieve an audit trail using only the order reference, the system is expected to display the audit trail. However, it fails to do so and instead returns a 404 error, indicating that the order ID was not provided. **Workaround:** None
AF-18445	**Summary:** Suspended future dated orders are not processed as expected when activated before the specified future time. **Workaround:** None
AF-18416	**Summary:** Amendment requests are accepted even if a previous amendment is in progress. **Workaround:** None
AF-18403	**Summary:** Failed messages are not routed to the dead queue as

Key	Summary and Workaround
	expected. **Workaround:** None
AF-18401	**Summary:** Incorrect values for `_nm_` and `_ns_` fields are sent in some replies under certain scenarios. **Workaround:** None
AF-18329	**Summary:** Jeopardy queues are not properly consumed for large orders, leading to message pile-up, slow execution, and EMS downtime. **Workaround:** None
AF-18222	**Summary:** Completing plan items on the OMS UI is not possible when the intermediate milestone is in a `PENDING` or `NOTIFYPENDING` state. **Workaround:** You can disable the option to complete plan items from the UI.
AF-18183	**Summary:** Database locking is removed for order processing, but locks for `order_in_play` and `order_sequencing` tables are still required during order sequencing. **Workaround:** None
AF-18120	**Summary:** Vulnerabilities are detected in Order Management images running on a Kubernetes cluster. **Workaround:** None
AF-18099	**Summary:** The Redis transaction manager lacks support for locking mechanisms. **Workaround:** None
AF-18090	**Summary:** Microsoft SQL Server does not support as a database for Order Management. **Workaround:** None

Key	Summary and Workaround
AF-18009	**Summary:** The `Select All` feature within the **Find Order** section of the Order Management System UI dashboard is not functioning as expected. **Workaround:** None
AF-18008	**Summary:** Error message `ORA-02291: integrity constraint violated – parent key not found` displayed during order sequencing operations in Oracle Database. **Workaround:** None
AF-17936	**Summary:** Error identified when using the `planitem suspendreply` API in Orchestrator. **Workaround:** None
AF-17801	**Summary:** SQL Server scripts are not included in the Order Management build package. **Workaround:** None
AF-17758	**Summary:** Missing refactoring of the Migration service. **Workaround:** None
AF-17696	**Summary:** The `REDO EPMR` action does not work for `EPMR_ACTION_CEASE` and `EPMR_ACTION_UPDATE` requests. **Workaround:** None
AF-17627	**Summary:** The product hierarchy is not correctly shown with the Redis cache. **Workaround:** None
AF-17601	**Summary:** A null pointer exception (NPE) occurs when attempting to invoke `com.tibco.fom.model.PlanAdjacencyEntity.getSectionNode()` on future dated orders. This issue arises because the variable `firstPage` is null. **Workaround:** None

Key	Summary and Workaround
AF-17559	**Summary:** Updating rules from the rule config UI or the Rule API for Jeopardy is not possible. **Workaround:** None
AF-17554	**Summary:** The OMS user interface does not allow filtering of orders by the exact time of the day. **Workaround:** None
AF-17548	**Summary:** An enhancement is required to encrypt passwords stored in database tables and within the configurator's file. **Workaround:** None
AF-17527	**Summary:** The Jeopardy Rule UI does not provide options to suspend or resume jeopardy rules. **Workaround:** None
AF-17526	**Summary:** The Jeopardy Rule UI does not provide options to update jeopardy rules. **Workaround:** None
AF-16774	**Summary:** The system lacks a mechanism similar to Apache Camel for retrying failed JMS events. **Workaround:** None
AF-16726	**Summary:** The logic required to process pending order events in the new Orchestrator version is not fully implemented. **Workaround:** None
AF-16691	**Summary:** Amendments remain in the "Start" state in the database but are not visible in the OMS UI amendment section. **Workaround:** None
AF-16668	**Summary:** The automation for postinstallation configurations has to be

Key	Summary and Workaround
	enhanced to make it API-based. **Workaround:** None
AF-16110	**Summary:** Issues identified in the `config.properties` files need resolution to automate postinstallation configurations. **Workaround:** None
AF-15965	**Summary:** Work tray data displays inconsistencies across different internet browsers for the same user. **Workaround:** None
AF-15428	**Summary:** Simultaneous Plan Item Failed Reply does not adhere to the `maxRetries` configuration. **Workaround:** None
AF-15369	**Summary:** Pagination does not work in `getJeopardyAlertMessage`. **Workaround:** None
AF-15217	**Summary:** The `SYNC_CONFIRM` and `SYNC_NOCONFIRM` acknowledge modes remain in the REST `TestHarnessBW6` project although they are not supported. **Workaround:** None
AF-15170	**Summary:** The `config-automation` tool requires modifications to include database changes necessary for migration. **Workaround:** None
AF-15167	**Summary:** The properties within the `config-automation` tool that have been renamed or removed must be identified. **Workaround:** None
AF-14783	**Summary:** Changes to orders in a suspended state cannot be saved through the OMS UI after adding order level user-defined fields.

Key	Summary and Workaround
	Workaround: None
AF-13999	**Summary:** Request for enhancements to documentation regarding XPath and decomposition for improved clarity and usability. **Workaround:** None
AF-13897	**Summary:** Enhancements are needed in the Python configuration automation scripts for better functionality and user experience. **Workaround:** None
AF-13837	**Summary:** The MetaData seeding within the `config-automation` process must be introduced to enhance configuration management and deployment processes. **Workaround:** None

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