# October 19, 2021 — 1.2140 Service Update

## Production Tenant Features

### eCommerce & Order Management Functionality

- **Refund Amount Update:** Following up to the 1.2136 update to the Refund API, KCCP will utilize the shipping, handling, and processing fees for returns provided per that update. When values are provided for the return processing fee and a Boolean flag indicating whether or not to include the S&H fee in the return, this data will now be factored into refund calculations. This ensures that the proper refund amount after all fees are charged is reflected in the Admin UI and the API response. For where these values can be set via the Admin UI, see the Return guide.
- **Monetate Replacements:** The term "Monetate" has been replaced with "Kibo Personalization" wherever it was named in the KCCP Admin UI, specifically under the theme settings for personalization configuration.

### Order Management Functionality

- **Location Group Setting Updates:** When a carrier is enabled in location group settings, you are required to configure at least one shipping method or type as well as its default options. If you attempt to enable a carrier without making these selections, an error will now be displayed that prompts you to set those options. If you cannot provide that information at the time, you are still able to save incomplete carrier settings without enabling the career. Additionally, the Location Group Config API can support custom carriers. The type (whose value should begin with "custom_" as the prefix), name, shipping method names, and default carrier options can be set to a custom carrier (such as BoxKnight). Then, viewing the order's tracking information in the Admin UI will display the custom carrier name and the tracking number (text only, not a hyperlink). Custom carriers are not yet displayed in the Fulfiller UI, but support will be added in an upcoming release. See the Location Group documentation and the Configuration API for more information
- **Site Builder Pick Wave Updates:** To support recent changes to display item options in pick wave documents via the site theme, a few relevant parameters have also been added to the fields available in the Site Builder tool. This includes productOptions and *locatorName* (the inventory locator name, e.g. the aisle where an item is located in the store) which can be used in the Hypr template for pick wave sheets.
- **Delivery Preparation Update:** When a Delivery shipment is in the Delivery Preparation step, the button to proceed said "Ready for Pickup" and the instructional pop-up that

appeared after clicking that button described pickup instructions as well. This button has been changed to say delivery instead of pickup and the pop-up now explains the intended delivery instructions. See the Delivery user guide for more information about this process.

- **Order Routing Filter Update:** Adding filters to a group in the Order Routing UI (via the Add Filter button while viewing the Routes page) now displays an updated pop-up modal that matches the one used when adding filters while creating a new group. The user will be presented with a list of available filters and check one or more that they wish to add. See the Order Routing guide for more information about this UI and routing groups.

## eCommerce Functionality

- **Schedule Categories**: Static and dynamic categories can now be given start and end dates during which they will be automatically displayed on the storefront. This provides flexibility in setting up categories in advance for a particular time period, such as holiday-themed categories, without having to manually enable and disable them. See the updated user guides for static and dynamic categories for more information.
- **Quick Edit - Assign Categories** : The product Quick Edits feature now supports assigning categories to products. This includes removing or replacing existing category assignments, adding new category assignments, and updating primary category selections on a set of products in child catalogs. See the updated Quick Edits documentation for more information.

# Production Sandbox Features

## eCommerce & Order Management Functionality

- **User Interface Updates:** Several minor updates have been made across the Kibo Composable Commerce Platform Admin interface:
    - The login page now says "Username or Email" instead of only "Email," as admins can log in with either.
    - Shipment numbers displayed on the order details page are now hyperlinks to the respective shipment in the Fulfiller UI, allowing faster customer care and fulfillment. (The link will not be active if the Admin user doesn't have access to that fulfillment location.)
    - In the order details tab, the internal notes have been moved underneath the basic order information and attributes.
    - Labels in the order notes section of the order details tab have been updated for a better user experience. This section has been renamed to "Internal Order Notes," the "Add Internal Notes" button is now simply "Add," and these labels are now consistent across

the order details and order creation flow, as well as both the Admin and Fulfiller UIs.

- When creating a return in the Fulfiller UI, a Quantity Shipped column is now displayed that will display the amount of that item on the shipment. The existing Quantity column has been renamed to "Quantity to Return" and will default to the Quantity Shipped amount. The return reason drop-down value can now default to a "returnReason" set in the tenant settings of the theme language file.

- **ReCAPTCHA Site Setting:** The ability to enable Google ReCAPTCHA when adding payments to an order has been added to the general site settings. This setting can be found in the Storefront section of the settings and also includes a form to specify a site key, secret password, and desired validity score (which defaults to 50%). When enabled, a user will be forced to validate when they add payment information.

- **Refund to Existing Gift Card Update:** If the Refund On Existing Gift Card site setting is selected, then the system will distribute the amount between multiple existing cards accordingly if more than one was used to pay for the order. When issuing refunds, the modal has also been updated by moving the line items in order to display a field for whether a Return Processing Fee has been applied.

- **Bulk Delete Inventory API:** A new version of the Delete Inventory API can now accept more than one item at a time. This endpoint is `.../v5/inventory/deleteItems` and accepts arrays for item UPCs and location codes where the inventory should be deleted from. The Inventory API documentation will update after release.

- **Batch Custom Data API:** A new API has been created for batch custom data creation, which takes in multiple key:value pairs and adds them to the order item specified in the endpoint. This does not support adding custom data to multiple items or shipments at once, but allows all custom data to be configured for an item in one call rather than making a separate request for each key:value pair. This endpoint is `.../v2/orderItem/{orderItemId}/customData/batch?orderID={orderId}` and accepts an `orderId`, `itemId`, and `customDataList` array of objects with the key `name` and `value` strings in the body. The Order API specs will update after the release.

- **Disable Backorder Re-Auth:** Voiding and re-authing credit cards can now be turned off for implementations using subscription tokens that don't expire, so that backorders can be released by the automatic backorder job without attempting to re-auth payments. Previously, this would place those orders into Customer Care and require the client to manually manage backorders. There is not yet an Admin UI site setting for this, so this update only allows re-auth to be turned off in the back-end for implementations that need it.

## Order Management Functionality

- **Location Mapping Updates:** Location mappings are now synced in locations and location groups when deletion events occurs. When a location is removed from a group or a location group is deleted, the mappings on any connected locations or groups and their retailer IDs are updated accordingly. See the Location Management and Location Group user guides for more information about these features.

- **Refund S&H in Fulfiller UI:** To make the Admin and Fulfiller UIs more consistent in how they handle returns and shipping/handling tax, a "Refund Shipping & Handling" checkbox has been added to the Fulfiller UI's modal for processing returns. If disabled, the return total will be the sum of the subtotal and item tax (which is the existing functionality). If enabled, the return total will now be calculated as the sum of the subtotal, item tax, and shipping/handling tax. This option is enabled by default. Additionally, the automatic Refund API has been updated to better support refund functionality in the Fulfiller UI by handling partial refund cases in which only some line items are refunded OR less than the total quantity of a line item is refunded. See the Fulfiller UI user guide for instructions on how to process returns.

- **Fulfiller Custom Carriers:** Version 1.2138 introduced the ability to configure custom carriers and shipping types via the Location Groups API, such as for BoxKnight. Now, the Fulfiller UI is able to display this information after it has been set – the custom carrier name and service types will be selectable options in the Prepare For Shipment step. Tracking numbers can then be added and removed for that shipment as usual, and the appropriate information will be displayed on the shipping label. Note that for the particular BoxKnight use case, BoxKnight will only be supported for Canadian locations. Additionally, any language translation or customization of the buttons must be done via the fulfiller theme. See the Fulfiller UI user guide for information about the Prepare for Shipment flow, and the Customization documentation for how to edit the fulfiller theme.

- **Payment Errors Block Fulfillment:** The shipment workflow has been updated with new behavior in which the fulfillment process now considers an order's payment status to determine if a shipment can be fulfilled. This changes how the Fulfiller UI and the Fulfillment APIs may be used to process shipments and fulfill orders. Now, a shipment can only be fulfilled if the order's rollup payment status is Pending, Paid, Pending and Errored, or Paid and Errored. If the status is Unpaid or Errored, then all shipments on the order will be blocked from being fulfilled through either API or UI until the order is no longer in that errored state. Learn more about these changes, payment statuses, and how to opt out via your site theme settings here. Refer to the Fulfiller UI guide to see how blocked shipments are displayed in that interface.

## Translated OMS Functionality

- **Customer Custom Data:** Translated APIs now map customer custom data fields properly from the legacy Create Order API to the Kibo Composable Commerce Platform. Previously, this custom data was not properly handled and created in KCCP after the Create Order call was translated. With this update, placing an order with `customer.customData` results in the data being displayed on the Customer page of the Admin UI. See the translated Create Order API doc here.

## Search Functionality

- **User Interface Updates:** The configuration settings in the Search Settings have been updated to better align buttons, table data, and whitespace. Button colors have been changed in the Search Schema.
- **Spell Correction:** Two types of spellchecks are now supported for the site search, providing Auto Correct and Did You Mean? functionality. For these options to be available, spell correction must first be enabled in the schema settings. When that is done, a new "Spell Correction" section will be editable on the site search configuration page. Here, the Auto Correct and Did You Mean? features can be toggled on or off individually. Note that spellcheck mappings are automatically performed and thus cannot be manually configured in the schema. The Search documentation will be updated with more information will be updated with the production release.

# Bug Fixes

The following list summarizes resolved issues for this release.

| Status | Resolution |
|---|---|
| Targeted for Production Tenants | If a configuration is using `productCode` fields to track part numbers and `variationProductCode` fields as the actual product codes, then the Order Admin's shipment tab would display the part number value twice instead of displaying separate product codes and part number values. The product code field in the UI will now reference the `variationProductCode` value instead of the `productCode` in this case. |

| Status | Resolution |
|---|---|
| Targeted for Production Tenants | Transaction logs displayed an incorrect quantity of 0 for items in reassigned shipments, generally for orders with more than 13 items. This was due to the logs being generated while very recent item data was still being updated in the database. These transaction logs will now skip any data that is still in the process of being updated, avoiding this problem in the future. |
| Targeted for Production Tenants | Importing catalog data to perform updates was not working correctly, resulting in a Catalog Not Found error despite the data being copied and pasted from a previous export as recommended. This has been fixed so that catalogs can be successfully updated via import. |
| Targeted for Production Tenants | The product ranking rules page of the Admin UI was not loading, preventing users from viewing the second page of rules or performing a search. This page has been updated so that it can load all existing rules and search results. |
| Targeted for Production Tenants | A product validation error was experienced on the checkout page while attempting to place an order. This was caused by a 404 being returned when the API retrieved all variations of the product instead of the customer's selected option. This has been fixed so that the checkout will check for the specified variation code to successfully place the order. |
| Targeted for Production Tenants | B2B Welcome and Password Reset emails linked to incorrect Site IDs when an account was manually activated, so recipients were unable to reset their passwords and log in. This was due to the sites being in different customer sets, preventing a user from logging into their intended site if the account was activated in the context of the other site. This has been fixed to fetch the correct site ID when approving B2B accounts, but a UI prompt will be added in the future for the approver to select the site they are activating the account for. |

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|---|---|
| Targeted for Production Tenants | The default limit filter in the Inventory API sometimes prevented records from being reported to order routing, resulting in incorrect item assignments and cancellations. As the limit places a cap on the number of records that will be returned, this issue would occur when there were more inventory records in the system than the limit would allow. This logic has been adjusted to allow a higher number of records to be passed to order routing. |
| Targeted for Production Tenants | After clicking the New Shipment button while viewing an order in the Order Admin UI, not all fulfillment locations were accessible by scrolling and attempting a search resulted in an error. After selecting another location and clicking Request Shipment Creation, nothing would happen in the UI while an error was experienced on the back-end. This has been corrected so that locations can be properly selected, searched, and shipments can be requested. |
| Targeted for Production Tenants | Particular configurations with a very large number of locations could not load the Fulfiller UI dashboard when the store selector was set to ALL STORES, due to how much data was being requested. When this option is selected, the UI will now retrieve the user's assigned location codes before querying for only those locations instead of querying for all locations first. This will allow the dashboard to load more easily for these users. |
| Targeted for Production Sandboxes | Subtotals were getting cut off in the order details tab of the Order Admin UI when image sizes did not fit the order grid. This has been fixed so that this page better handles image sizes and can display the full order pricing values and total. |
| Targeted for Production Sandboxes | The System > Applications page of the Admin UI only displayed up to 200 items, even if the implementation had more than 200 items. This has been corrected so that all applications will be displayed as expected and pagination works properly on the page. |

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|---|---|
| Targeted for Production Sandboxes | The Shipments API was returning the incorrect tax amount for canceled items by truncating a decimal, e.g. displaying tax as 0.1 instead of 0.13. This has been fixed so that the taxes are accurately calculated and passed in full. |
| Targeted for Production Sandboxes | When changing the account password in the Admin UI while SSO-based authentication is set up, an error would always be returned indicating that the current password did not match. This has been corrected so that the error message better explains to the user that they should change their password through their external identity provider. |
| Targeted for Production Sandboxes | A newly created collection was not displaying in its category on the storefront, due to out of stock errors that occurred despite all member products being in stock. This error has been fixed so that it is not erroneously thrown and the collection can be properly displayed. |
| Targeted for Production Sandboxes | When editing product attributes, the values were not able to be dragged and dropped into a different order. This has been fixed so that attribute values can be successfully reordered. |
| Targeted for Production Sandboxes | A delivery service item's SKU was being displayed in the Validate Stock step of the Fulfiller UI, even though service items do not have any stock to be validated. This has been corrected so that these services are not included in stock validation and if they are the only item left on a shipment to be validated, then the shipment will automatically progress to the next step as intended. |
| Targeted for Production Sandboxes | When changing shipment level fields in the Fulfiller UI, appeasement reasons were not mapped to the item level and item level fields would not be displayed correctly. This has been fixed so that shipment edits will result in the item values also properly updating. |