



MOZU Q4 2014

Release Notes

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# Mozu Admin Updates

See what's new in this release for Mozu Admin. Most features are automatically available unless otherwise specified.

## Catalog

The following features are new for Catalog:

- [Duplicate Products](#)
- [Set Alt Text on Product Images](#)
- [Save and Create New Catalog Actions](#)
- [Ships By Itself Product Editor Checkbox](#)
- [Discount UI updates](#)
- [Programmatically Search Discounts](#) (manual)

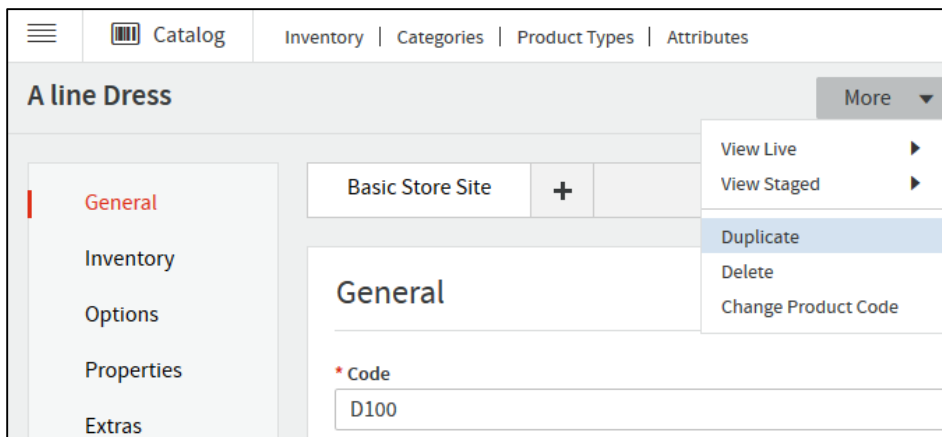
## DUPLICATE PRODUCTS

Save time building or maintaining your catalog by duplicating the following types of existing products:

- Standard product: all fields duplicate except product code and inventory information
- Configurable product with options: all fields duplicate except product code, inventory information, and child variants
- Product bundle: all fields duplicate except product code and inventory information
- Bundle component: all fields duplicate except product code and inventory information

To use this feature:

1. From the Product Grid or Product Editor, select the product you want to duplicate.
2. In the Grid actions menu, select **Duplicate**.
3. Enter a new product code for the duplicated product.



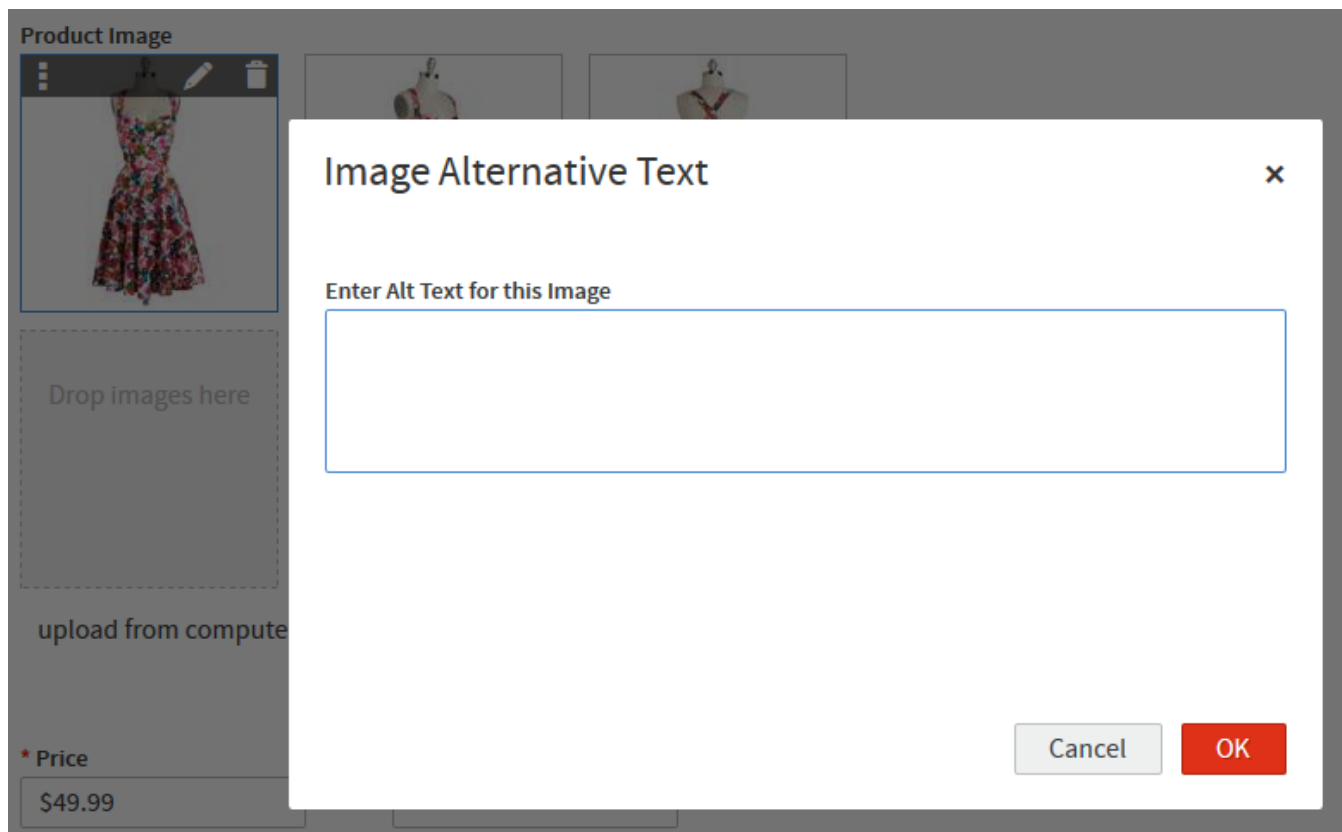
## SET ALT TEXT ON PRODUCT IMAGES

Improve your SEO and accessibility by setting Alt text on product images. Alt text is limited to 150 alphanumeric characters.

Alt text is content that displays on your storefront when an image does not display. Typically, you want this information to quickly describe what the image displays. The common use for alt text is for accessibility support for shoppers with special needs. But alt text also provides vital metadata for search engines and crawlers to locate and index data. This information gives a snapshot of deeper data, within tags accessible by search engines, to further drive the SEO of a product or category page and your storefront landing page.

To use this feature:

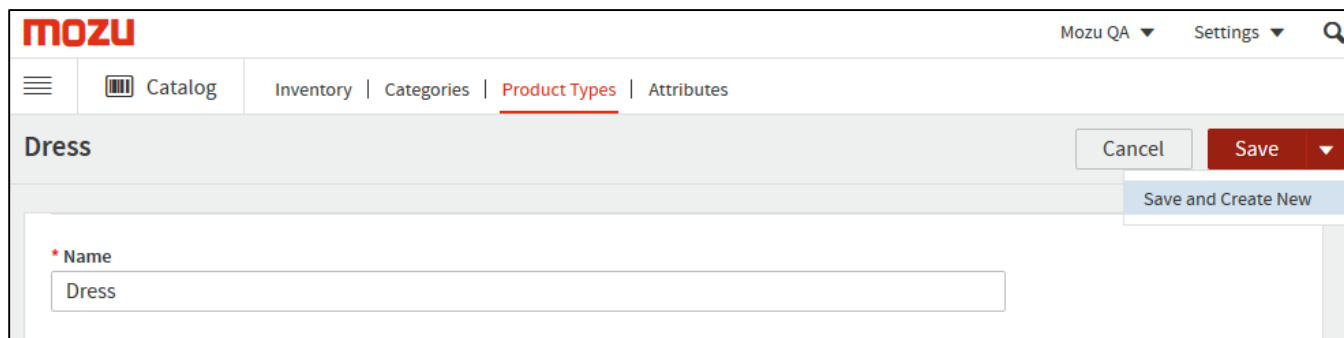
1. In the Product Editor, hover over the image to see the action menu.
2. Select **Alternative Text** from the menu and enter your text in the dialog box.



## SAVE AND CREATE NEW CATALOG ACTIONS

Quickly save and create new items within your catalog. You can use the Save and Create New split button option on the following Catalog editors:

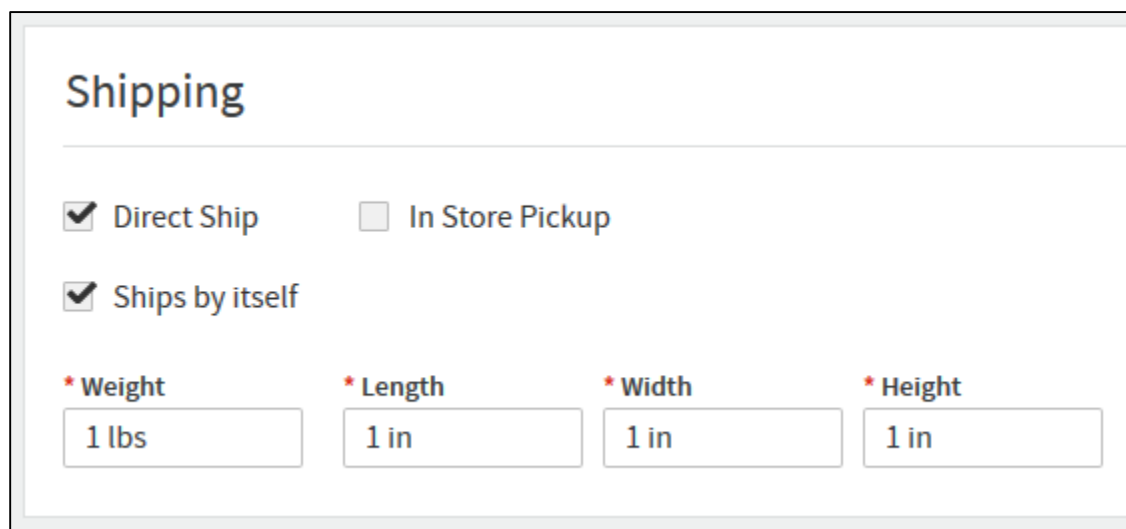
- Catalog | Attributes
- Catalog | Product Type
- Catalog | Categories
- Catalog | Product



The screenshot shows the Mozu Product Editor interface. At the top, there's a navigation bar with the Mozu logo, a search icon, and dropdown menus for 'Mozu QA' and 'Settings'. Below this is a breadcrumb trail: 'Catalog' > 'Inventory' > 'Categories' > 'Product Types' > 'Attributes'. The main section is titled 'Dress'. On the right side of this section, there are two buttons: 'Cancel' and 'Save'. A 'Save and Create New' button is visible as a tooltip or secondary option next to the 'Save' button. Below the title, there's a form field labeled '\* Name' with the text 'Dress' entered.

## SHIPS BY ITSELF PRODUCT EDITOR CHECKBOX

The Product Editor now includes a **Ships by itself** option in the Shipping section. Setting this option helps you more accurately view items that you could ship separately, such as items that are very large in size or weight, or packages that are extremely fragile. This option does not display for product bundles or product components.



The screenshot shows the 'Shipping' section of the Mozu Product Editor. It features two checkboxes: 'Direct Ship' (checked) and 'In Store Pickup' (unchecked). Below these is another checkbox labeled 'Ships by itself', which is also checked. At the bottom, there are four input fields for dimensions, each with a red asterisk indicating a required field: '\* Weight' (1 lbs), '\* Length' (1 in), '\* Width' (1 in), and '\* Height' (1 in).

## DISCOUNT UI UPDATES

R6 includes two updates to the Discount UI:

- New options in how to apply discounts
- New Discount Limitations section

In the Create Discount Editor, in the Target Criteria section, you define which products or categories receive the discount if the conditions are met. Target Criteria sets limitations per line item.

To use this feature:

- Select **Applies to all Products** for the discount to apply to all of your products. Setting this condition applies the discount to all products for unlimited redemption.
- Select **Applies to Specific Products** for the discount to apply to specific products or categories you choose. Setting this condition allows you to define how many times the discount can be redeemed.
- To create a discount for all products that has a limited redemption quantity, complete the following steps:
  1. Create a category that includes all of your products.
  2. Select **Applies to Specific Products**.
  3. Choose the category you created that includes all products.
  4. Set the quantity.

### Target Criteria

Choose which products or categories are eligible to receive the discount if the conditions are met

☐ Applies to All Products ☒ Applies to On Sale Products

☒ Applies to Specific Products

Select the quantity of products that the shopper will receive the discount on:

☒  of

Select the quantity of products from the categories that the shopper will receive the discount on:

☐  of

The Discount Limitations information was available in previous versions of the Discounts Editor, but is now in its own section. The information you set here applies to all shoppers.

## Discount Limitations

Discount limitations specify the limit a coupon/discount can be redeemed.

**Total Number of Redemptions:**

unlimited

☐ Create coupon

☐ Discount Can Be Redeemed One Time Per Shopper

## PROGRAMMATICALLY SEARCH FOR DISCOUNTS

To refine your discount queries, we have added additional filtering and sorting parameters for programmatic discount searches. Filtering returns objects that fulfill the entered content. If an object requested for the resource does not match the filtered parameters, it is not included in the returned JSON. This allows you to reduce the returned objects to a refined or required subset. Each endpoint includes detailed information regarding the supported operators for code.

Filtering uses the following expression to refine the returned objects for an operation:  
key+operator+value. The keys include the following:

- sw- Starts with - Entered string found at the beginning of the data.
- cn- Contains - Entered string is found within the data.
- eq- Equal to - Entered string/number exactly matches the data.
- ew- Ends with - Entered string found at the end of the data.
- ge- Greater than or equal to - Entered number is greater than or equal to the data.
- gt- Greater than - Entered number is greater than the data.
- le- Less than or equal to - Entered number is less than or equal to the data.
- lt- Less than - Less than - Entered number is less than the data.
- ne- Not equal to - Entered string/number is not equal to the data.

Sorting provides a sorting method of ascending (asc) and descending (desc) for alphanumeric ordering of content. To sort all returned results from A to Z or 1 to 100, you would enter &sortBy=asc.

You can programmatically filter discounts from the GetDiscounts call using the filter parameter in the URI.

For example, here is an example of the URI:

[Mozu.ProductAdmin.WebApi/commerce/catalog/admin/discounts/?startIndex={startIndex}&pageSize={pageSize}&sortBy={sortBy}&filter={filter}&responseFields={responseFields}](https://mozu.com/ProductsAdmin/WebApi/commerce/catalog/admin/discounts/?startIndex={startIndex}&pageSize={pageSize}&sortBy={sortBy}&filter={filter}&responseFields={responseFields})

To receive this feature, you will need to manually add it.

`filter` and `sortBy` are supported differently for each endpoint that returns a filterable collection.

For discounts the supported filters are:

Property Name	Operators	Valid Values	Example
<b>Id</b>	eq, ne, gt, ge, lt, le, in	Any positive integer	id eq 1 id in[1,2,3]
<b>Scope</b>	eq, ne	Order Lineitem	scope eq order
<b>AmountType</b>	eq, ne	Percentage Amount Free	amounttype eq free
<b>Amount</b>	eq, ne, gt, ge, lt, le	Any decimal value	amount ge 10.00
<b>StartDate</b>	eq, ne, gt, ge, lt, le	Valid UTC date time value	startdate gt '2014-06-15T13:45:30.0000000Z'
<b>EndDate</b>	eq, ne, gt, ge, lt, le	Valid UTC date time value	startdate gt '2014-06-15T13:45:30.0000000Z'
<b>RequireCoupon</b>	eq, ne	True False	requirecoupon eq true requirecoupon ne true
<b>IncludeAllProducts</b>	eq, ne	True False	includeallproducts eq true
<b>CouponCode</b> <b>Conditions.CouponCode</b>	eq, ne, sw, cn	Any string that is valid in the URI; strings with spaces need to be quoted. Special characters may need to be escaped.	couponcode eq 'foo bar bing' couponcode ne 10%Off couponcode sw foo couponcode cont foo
<b>MaxRedemptions</b>	eq, ne, gt, ge, lt, le	Any positive integer	Maxredemptions gt 1000
<b>CurrentRedemptionCount</b>	eq, ne, gt, ge, lt, le	Any positive integer	
<b>CreateDate</b>	eq, ne, gt, ge, lt, le	Valid UTC date time value	
<b>CreateBy</b>	eq, ne, sw	Any string that is valid in the URI; strings with spaces	Createdby sw 123



Property Name	Operators	Valid Values	Example
		need to be quoted. Special characters may need to be escaped. See filtering docs.	
UpdateDate	eq, ne, gt, ge, lt, le	Valid UTC date time value	
UpdateBy	eq, ne, sw	Any string that is valid in the URI; strings with spaces need to be quoted. Special characters may need to be escaped.	
Discount.Content.Name Content.Name	eq, ne, sw, cn	Any string that is valid in the URI; strings with spaces need to be quoted. Special characters may need to be escaped.	Content.name eq 'foo boar' Content.name sw foo Content.name cont foo
Target.Type	eq, ne	Shipping Product	Filter=target.type eq shipping
Target.Products.ProductId Target.Products.Id	eq, ne	Any positive integer This is the product sequence and not the product code.	
Target.Categories.CategoryId Target.categories.id	eq, ne	Any positive integer	
Target.MinimumLifetimeValueAmount	eq, ne, gt, ge, lt, le	Any positive decimal value	
Target.ShippingMethods.Code	eq, ne, sw, cn	Any string that is valid in the URI; strings with spaces need to be quoted. Special characters may need to be escaped.	Target.shippingmethods.code sw fedex
Target.ShippingZones.Zone	eq, ne, sw, cn	Any string that is valid in the URI; strings with spaces need to be quoted. Special characters may need to be escaped.	Target.shippingzones.zone eq usa Target.shippingzones.zone sw mexico
Target.CustomerGroups.Id	eq, ne	Any positive integer	
Conditions.Products.ProductId	eq, ne	Any positive integer This is the product sequence and not the product code.	
Conditions.Categories.CategoryId Conditions.Categories.Id	eq, ne	Any positive integer	

## Orders

Orders receives the following updates:

- [Bulk Orders](#)
- [Viewable External Order ID](#)
- [Override Package Weight in Order Fulfillment Editor](#)

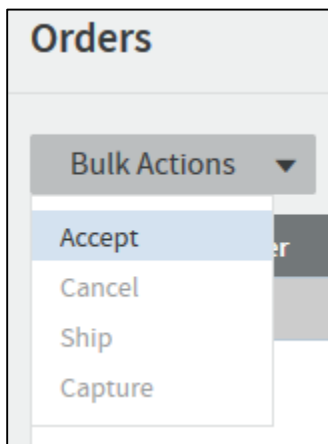
## BULK ORDERS

Work more efficiently by changing multiple orders at the same time. You can process the following actions in bulk:

- Accept order (Requires a validator application installed and enabled, such as the Kount Application by Mozu)
- Cancel order, ending all payment pending or fulfillment for the orders.
- Complete fulfillment by marking orders as shipped.
- Capture payments to continue and complete processing

To use this feature:

1. In the Orders grid, use the checkboxes to select the orders you want to process in bulk.
2. In the Bulk Actions menu, select the action you want to perform.



Tips for using this feature:

- If any actions cannot be completed, an Error dialog appears with those orders numbers listed.
- The Accept order action requires a validator application enabled. You can only process bulk accept orders when they are in the Pending Review status.
- You cannot bulk process orders that are fulfilled by check.

## VIEWABLE EXTERNAL ORDER ID

If you import orders into Mozu from external sources, these orders might include an ID number that you need to retain. Mozu now displays this external order ID in the Order details, viewable in the Order Editor. External order IDs must not contain more than 50 alphanumeric characters.

ACCOUNT Demo Demo

Order #1

Order Date: 08/14/2014 09:08 am  
Last Updated: 08/14/2014 09:13 am  
Site: R5 Mike  
Channel: Online  
IP Address: 10.20.60.113

Order Status: Processing

PAYMENT

Order Total: \$605.00  
Collected: \$605.00  
Balance: \$0.00

FULFILLMENT

Items: 3  
Fulfilled: 1  
Remaining: 2

Order Addresses

(Change)

BILLING ADDRESS

Demo Demo  
1835 Kramer Ln  
Austin, TX 78681 us

SHIPPING ADDRESS

Demo Demo  
1835 Kramer Ln  
Austin, TX 78681 us

Reference Order #: 10000

External Order #: 013456789012345672345678901234567

## OVERRIDE PACKAGE WEIGHT IN ORDER FULFILLMENT EDITOR

In the Order Fulfillment Editor, you can edit the Total Weight field. You can edit the default package weight for any packages that have not yet been marked as shipped. Once Mozu generates the shipping label, the package weight becomes read only. If you need to edit the weight after printing the label, you must delete and regenerate the package.

To use this feature:

1. In the Order Fulfillment Editor, click the **Edit** link next to Total Weight to change this field.
2. Enter the new weight and click **Save**.

## Site Builder

Site Builder receives the following updates:

- [Image Widget Enhancements](#) (manual)
- [Core 6 Theme and Theme Updates](#) (manual)

## IMAGE WIDGET ENHANCEMENTS

This release provides greater control of image editing for your site. To use these new enhancements, you must upgrade to the Core 6 theme.

These enhancements include the following:

- Maintain aspect ratio to scale images
- Set horizontal justification
- Set vertical justification
- Snap a widget to an adjacent widget or move it back to its previous position

To use this feature:

1. In Mozu Admin>Site Builder, select **Edit** for the site you want to revise.
2. Click **Widgets** and select the Image Widget.
3. Add your image.
4. Click **Style**.
5. In the Style dialog, you can edit the image ratio and justification.

**Caution:** You must upgrade to the Core 6 theme to receive the new image widget functionality.

## CORE 6 THEME AND THEME UPDATES

Refer to the [Theme Development](#) section for these updates.

# Dev Center Updates

## General Dev Center

Mozu Dev Center receives the following updates:

- [Delete Projects](#)
- [Community Enhancements](#)
- [Dev Center Content Search](#)

### DELETE PROJECTS

If you no longer need a Dev Center Project, you can delete it.

1. In the Projects grid, select the project you want to delete.
2. In the Grid actions menu, select **Delete**.

### COMMUNITY ENHANCEMENTS

Engage with the Mozu community by signing up for email notifications per thread on the Mozu forum. Sign up for notifications by clicking the Subscribe link on an existing thread. When new responses post in the thread, Mozu sends an email of the updated replies. You can unsubscribe at any time.

### DEV CENTER CONTENT SEARCH

Find support faster by searching Dev Center content. Now you can search forum posts and Learn content. Search results provide exact matches and associated content based on your entered search terms.

## Application Development

Application Development receives the following updates:

- [New Ping Event](#)

### NEW PING EVENT

You can test connectivity between Mozu and your application by firing a ping event directly from Dev Center. This event is available for all application root items. It sends a mock payload to the application you want to test.

To use this feature:

1. In the Events tab, select the event you want to test.
2. From the Gear icon, select **Fire Test Event**.

3. Verify your application received the event.

## Theme Development

### CORE 6 THEME AND THEME UPDATES

This release includes a new Core 6 theme and enhancements for current themes:

Feature	Core 4	Core 5	Core 6
Changes to theme-ui.json settings for UI configuration and to theme.json for widget configuration. The Core theme now uses the newly released library of officially sanctioned mz-input form control components for its own settings and widgets. The result is new, cleaner and smoother rendering of interactive options including drop-down menus, multi-selects, product pickers, and color pickers.			✓
Sorting and pagination controls on category of search pages is flatter, smaller, and more concise.			✓
New dropzones for category and login pages.			✓
Removed unnecessary dropzones on home, search results, and 404 page templates. Page.hypr now wraps the "body-bottom" dropzone tag in a block. You can override or remove this block in inherited pages.			✓
Removed duplicate "category navigation" and "navigation subsection" widgets. Renamed the default category widget to "navigation subsection" because it can now be rooted at either a category or a cms page			✓
Removed "allow wishlist" from theme settings. Wishlist switch is now in General Settings for the site.			✓
Reorganized theme settings in core theme settings UI			✓
Default theme settings UI saves without having to select a default page size.			✓
"forgot password" link works on login page			✓
Search results properly sort when progressing to a second page of results.		✓	✓
The In-stock request widget correctly displays stock		✓	✓
Enter key properly enacts a search in search suggestions		✓	✓
The back button works when selecting a category to drill down from the faceting panel.		✓	✓
Modified Backbone.MozuModel for a Product to reduce the payload size of a product configuration request. This update improves performance on page loads and refines debugging for theme issues during custom development	✓	✓	✓
Resolved an issue that incorrectly specified the year 2023 as 2024 in credit card forms.	✓	✓	✓
The shipping method properly resets after changing the shipping address during checkout.	✓	✓	✓

# Integrations Updates

## Application Updates

- In the Bronto integration application, you can now send marketing emails about discounts and wishlists to an email list that is defined in Bronto.

## SDK UPDATES

The following SDKs were refreshed for this release:

- Java
- .NET
- PHP

Java and .NET SDKs now include:

- An event handler for the Product Code Change event
- Removed exiting CustomerSegment Account delete and add new ones that confirm to REST standards

Updates to the Java SDK include:

- HTTP client code in the Java SDK now supports connection pooling and better management of idle connection closing and re-use.
- Added the `MozuHttpClientPool.java` class for managing the `HttpConnection` strategy.

Note for Java users: Call `MozuHttpClientPool.shutdown()` when you shut down your application to clean up the threads and connections created by the Mozu Java SDK.