



MOZU JANUARY 2015 SERVICE UPDATE

Release Notes

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What's New in January 2015 Service Update

The following sections detail all the new features and updates included in the Mozu January 2015 Service Update.

Mozu Admin Updates

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

GENERAL ADMIN SETTINGS

General Admin Settings receive the following new features and updates:

- [New U.S. Military Shipping Zone](#)
- [Grid Views Remember Custom Column Widths](#)

U.S. Military Shipping Zone

Use the new U.S. Military shipping zone to easily send orders to any APO, FPO, or DPO address. You automatically receive this feature for any new tenants and sandboxes that are using a Mozu Core 6 or later theme, but you must manually update any older versions of the Mozu Core theme to receive this update. The new shipping zone impacts Shipping Zones and Shipping Addresses.

SHIPPING ZONES

To view the shipping zone:

1. In Mozu Admin, select **Settings>Shipping>Zones**.
2. Double-click **US Military** to view the zone details.

Code	Description
Americas	North, Central, and South America
APAC	All Asian countries in addition to Australia and New Zealand
Asia	All Asian countries
Austin	This is Austin
Brazil	Brazil only
EMEA	All Europe, Middle East, and Africa
Europe	All European countries
Global	All countries in the World
HI and AK	Includes Hawaii and Alaska only
LATAM	Mexico and countries from South and Central America
North America	Includes United States, Canada, Mexico, and Central American countries
South America	Includes all South American countries
United States	All 50 States
United States - Lower 48	Lower 48 States of the US
US Military	US Diplomatic and Armed Services Shipping Zone

This zone is ready for you to use in your shipping configurations. If you are using a previous version of Mozu, you can also create the shipping zone:

1. In Mozu Admin, select **Settings>Shipping>Zones**.
2. Click **Create New Zone**.
3. Enter **US Military** for name and **US Diplomatic and Armed Services Shipping Zone** for description.
4. Enter this regular expression for Expression: `CountryCode eq "US" and (StateOrProvince eq "AA" or StateOrProvince eq "AE" or StateOrProvince eq "AP")`

SHIPPING ADDRESSES

This shipping zone is built with a combination of the US country code and three new state codes:

- AA: Armed Forces Americas (APO/FPO)
- AE: Armed Forces Europe (APO/FPO/DPO)
- AP: Armed Forces Pacific (APO/FPO/DPO)

For these state codes to appear in your storefront in the Country drop-down list, you need to enable them:

1. In Mozu Admin, select **Shipping>Carriers and Settings>Eligible Shipping Address Locations**.
2. Select the AA, AE, and AP state codes. If you are using a Core 6 or later theme, these address locations appear in your Country drop-down list.

State	Code
<input checked="" type="checkbox"/> Armed Forces Americas	AA
<input checked="" type="checkbox"/> Armed Forces Europe	AE
<input checked="" type="checkbox"/> Armed Forces Pacific	AP
<input checked="" type="checkbox"/> Alabama	AL
<input checked="" type="checkbox"/> Alaska	AK
<input checked="" type="checkbox"/> American Samoa	AS
<input checked="" type="checkbox"/> Arizona	AZ

To add the state codes to your theme (prior to Core 6), update the settings.usStates object in your theme.json file.

Grid View Remembers Column Widths

When you customize the width of columns in any grid, your changes will persist the next time you log in.

To use this feature:

1. Adjust the width of a column.
2. Log out of Mozu.
3. Log back in and navigate to the column you changed.
4. Note that the column width is as you left it.

Before: The product code is obscured and the Name field is too wide.

Products for Max Apparel Site ▼

Y

Code	Name	Price ▲
je-1001	Multi-Color Stacking Bracelet	\$19.00
▶ 1012	Ollie Oscar Snake Pump	\$49.00
▶ wm-dress-001-...	Blue Peasant Dress	\$50.00
▶ 1001	Treven Getta Patent Pump	\$50.00
▶ 1006	Parsons Trench-89 Pump	\$50.00

After: These updated columns will persist after logout.

Products for Max Apparel Site ▼

Y

Code	Name	Price ▲	Sale P
je-1001	Multi-Color Stacking Bracelet	\$19.00	--
▶ 1012	Ollie Oscar Snake Pump	\$49.00	--
▶ wm-dress-001-455-787	Blue Peasant Dress	\$50.00	--
▶ 1001	Treven Getta Patent Pump	\$50.00	--
▶ 1006	Parsons Trench-89 Pump	\$50.00	--

LOCATIONS

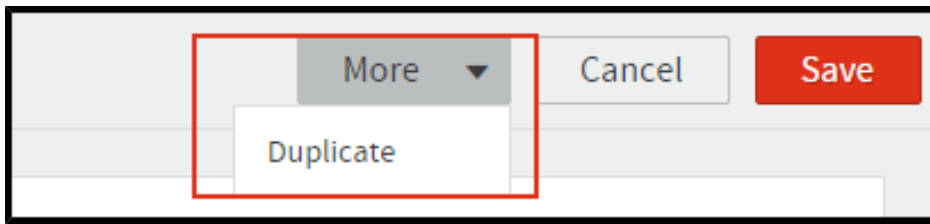
Locations receives the following update:

Ability to Duplicate Locations

You can now duplicate an existing location. Duplicating a location makes an exact copy of the location, changing only the name. For example, a duplicate of the location “Austin Warehouse” will be named “Austin Warehouse – Copy.”

To use this feature:

1. Open the location you wish to duplicate.
2. Select **More > Duplicate**.
3. Enter a new location code.
4. Save the new location.



CUSTOMERS

Customers receives the following new features and updates:

- [View shopper account status from the Customer Grid](#)
- [Change shopper account user name](#)
- [Change shopper account status](#)
- [Updated customer attribute behavior](#)

Mozu considers everyone who makes a purchase a customer and lists them in the Customer Grid. However, any customer who creates an account when checking out also has a *Mozu shopper account*.

Shopper accounts in Mozu are created in two ways:

- During checkout, the shopper selects your site's version of **Create an account for easy checkout on future orders** checkbox and provides his or her information.
- During an offline order, your representative selects the **Create shopper account** checkbox when creating a new customer and enters the information.

You manage shopper accounts from the Customers module.

View Shopper Account Status

In Mozu Admin, select **Customers**. The Customer Grid displays whether or not each customer has an associated shopper account and the status of the account. Accounts are either:

- Active: Shopper can use their account credentials to log in to your site.
- Locked: Shopper has fifteen failed password attempts.
- Disabled: Shopper credentials are no longer valid.

Customers								
<div> <div>Y</div> <input type="text"/> </div>								
Customer Number	First Name	Last Name	Email	Shopper Acct	Status	Fulfilled Ord...	Lifetime Value	Total Visits
1000	Amy	Shi	amy_shi@volusion.com	Y	Active	1	\$152.44	3
1001	Lily	Zheng	lily_zheng@volusion.com	Y	Active	0	\$0.00	0
1002	David	Wang	david_wang@volusion.com	N	Active	0	\$0.00	0
1003	David	Puddy	dpuddy14@gmail.com	Y	Active	0	\$0.00	0

Change Shopper Account Status

If you are a Super Admin, Admin, Order Manager, or Customer Manager, click a shopper to change their account status:

Unlock Account: Fifteen failed password attempts will lock a shopper's account, preventing him or her from logging in to your site. Select **Unlock Account** and **Save** to re-open an account. Changes are immediate, and a shopper may then re-enter their existing log in credentials.

Disable Account: You may need to disable a shopper account to protect your business from fraudulent activity, or a customer may ask you to disable an account. Select **Disable Account** and **Save** to immediately prevent a customer from using their log in information on your site. You can re-enable the account by unchecking **Disable Account**.

Reset Password: Click the **Reset Password** button to send an email to the shopper prompting him or her to reset the password. Resetting the password also unlocks the account.

The customer details page showing an Active account. **Note:** If these options are unavailable on a customer's detail page, he or she has not created a shopper account.

* First Name	Lifetime Value	Fulfilled Orders	Total Visits
David	\$0.00	0	0
* Last Name	Customer Since: 04/22/2014		
Puddy			
* Email			
dpuddy14@gmail.com			
* User Name	Customer Segments		
dpuddy14@gmail.com			Add
<input type="checkbox"/> Opt-in to Marketing	View Wishlist		View Gift Cards & Store Credits
<input type="checkbox"/> Tax Exempt	Account Status:		Unlock Account
<input type="checkbox"/> Disable Account	Active		Reset Password

Change Shopper Account User Name

Mozu uses the shopper's email address as the shopper account user name, and you can update this user name at any time. In Mozu Admin, select **Customers**. Click on the customer you want to edit, enter a new username, and click **Save**.

Note: The User Name field is unavailable in customer records without shopper accounts.

Updated Customer Attribute Behavior

Customer attributes help you gather and record details about your customers. For example, you might want to track whether or not customers are satisfied, or you might want to save their frequently used information, such as what size of t-shirt they wear. Attributes can be either details you enter and keep private in Mozu Admin, or they can be listed publicly on your storefront so shoppers can enter or select their information. For example, you might want to keep customer satisfaction internal, but you might want shoppers to select their t-shirt size from a list on their My Account page.

This service update includes UI changes to customer attributes on Core 6.

- We've removed the "This attribute is required" option. This option will be considered False on all existing attributes. Attributes cannot be required.
- We've removed the Hide in Website checkbox; the existing Display Group drop-down menu now controls where the attribute is displayed. Any attributes that were configured to display in Admin and Storefront and had Hide in Website set to True **will now be visible** in the storefront.
- We've added the Value Source drop-down, where you can select who can enter values for this attribute.

To use these features when you're creating an attribute:

- Choose a Display Group
 - **Admin & Storefront:** the attribute is visible to Admin and Storefront users (shoppers)
 - **Admin Only:** the attribute is only visible to Admin users
- Choose a Value Source
 - **Shopper Entered**
 - **Admin or Shopper Entered**
 - **Admin Entered**

Create New Customer Attribute

* Attribute Label

T-shirt size

* Administration Name

T-shirt size

* Attribute Code

t-shirt-size

* Display Group

Admin & Storefront

* Value Source

Admin or Shopper Entered

Shopper Entered

Admin or Shopper Entered

Admin Entered

Note on Yes/No inputs displayed on the storefront: Yes/No attributes default to No in the storefront. This could result in undesirable appearance for attributes that have not been input. For example, a Yes/No field asking if customers are satisfied will display as No on the storefront, even if the admin or the customer has not selected No.

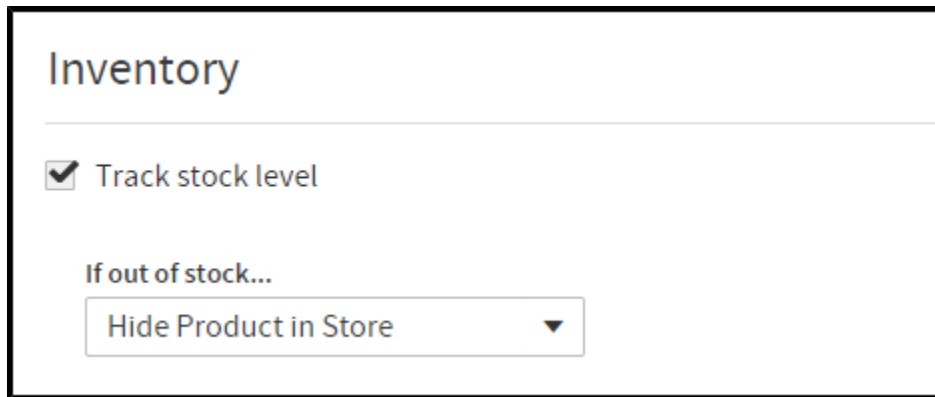
CATALOG

The following features are new for Catalog:

- [Improved Out of Stock SEO Handling](#)
- [Product Variants Inherit Fulfillment Type from Base Product](#)
- [Category Code](#)
- [View Next and Previous Products in Product Editor](#)
- [Ability to Sort All Facet Values](#)

Improved Out of Stock SEO Handling

Pages for hidden products (products you have set *if out of stock...* to *Hide Product in Store*) now appear when a customer navigates to them. This previously resulted in a 404 error. Now the customer can see the product page, but cannot add the item to their cart. Hidden products will remain hidden in search and category pages, benefitting site SEO.



The screenshot shows a web form titled "Inventory". Below the title is a horizontal line. Under the line, there is a checkbox labeled "Track stock level" which is checked. Below this is a label "If out of stock..." followed by a dropdown menu. The dropdown menu is open, showing the option "Hide Product in Store" selected.

Product Variants Inherit Fulfillment Type from Base Product

When you create product options, each option's default fulfillment type is now *Same as product*, reducing the need to manually edit the fulfillment type of all product variants. If a product variant's fulfillment type differs from the base product's, you may still edit the fulfillment type in Product Options.

To use this feature:

- Creating a Configurable Product with Options
 - If all product variants have the same fulfillment type as the base product, make no changes.
 - If some variants have different fulfillment types, edit those variants in product options.
- Editing the Fulfillment Type of the base product
 - All variants with fulfillment type *Same as product* will reflect the change.
 - Any variants with other fulfillment types will not change.

In the following example, the black variant will keep the In-Store Pickup fulfillment type, even if the base product's fulfillment type changes.

Edit Variants
×

Enabl...	color	Product Code	Fulfillment Types	+
<input checked="" type="checkbox"/>	beige	sh-3004-1	Same as product	
<input checked="" type="checkbox"/>	black	sh-3004-2	In Store Pickup	

Category Code

Categories now have an optional Category Code field. The Category Code serves as an identifier for theme and application developers.

To use this feature:

- Your existing categories will have a category code automatically assigned.
- When you create a new category, you can manually enter a code, or one will be assigned.
- If you manually enter a code, it must be:
 - unique
 - less than 30 characters
 - composed of alphanumeric characters, dashes, and underscores

MOZU

☰
📦 Catalog
Inventory
Categories
Product Types
Attributes

Create New Category

Category Code

* Category Name

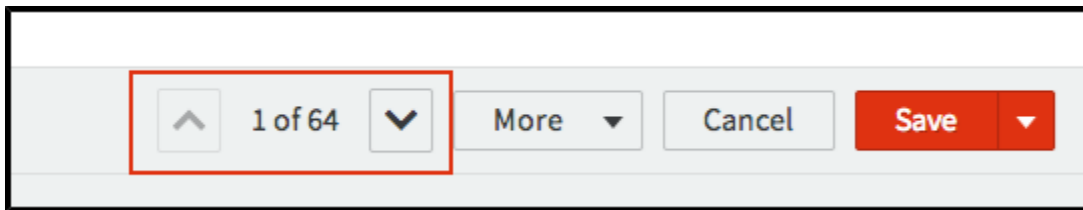
Assign to Other Category

View Next and Previous Products in Product Editor

You may now browse through products in the Product Editor, enabling you to quickly examine or make changes to multiple products.

To use this feature:

- Edit a product.
- Use the arrow buttons in the upper right to navigate to the next or previous product.
- **Note:** If the next and previous arrows are not displayed, refresh the page.
- **Note:** The order of products in the browse matches the sort order of the Product Grid. Best practice is to sort the grid by a parameter you will not be changing, like the product code.



Ability to Sort all Facet Values

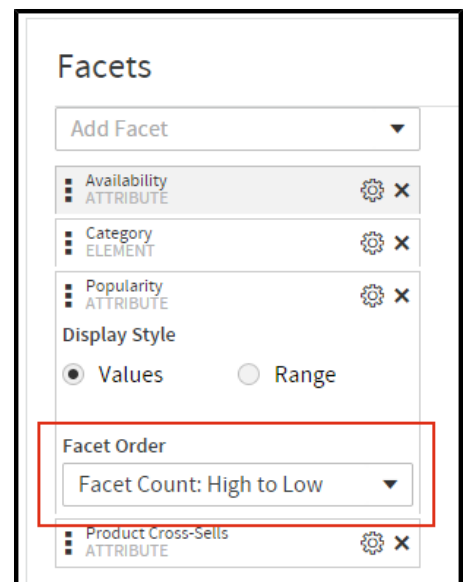
All product attributes can now be sorted.

To use this feature:

1. In Site Builder, hover over your site and select **Edit**.
2. Navigate to the navigation category you wish to sort facets in.
3. Select **Settings**.
4. In Facets, select the settings icon for the facet you want to sort.

Available sort methods depend on the data type of the attribute:

- String
 - Alphabetical: A to Z
 - Alphabetical: Z to A
- Numeric
 - Numerical: Low to High
 - Numerical: High to Low
- Boolean
 - Alphabetical: A to Z
 - Alphabetical: Z to A



SITE BUILDER

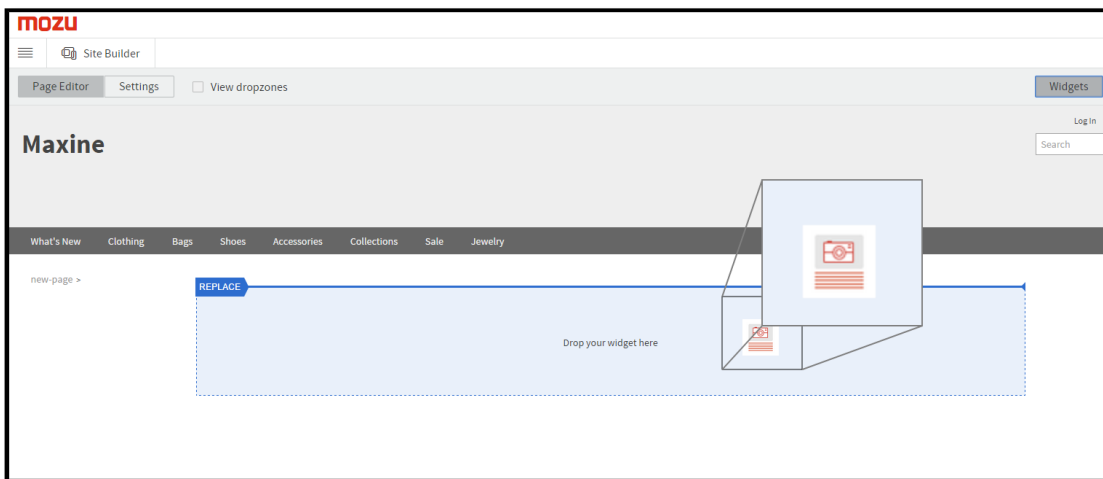
Site Builder receives the following update:

Widget Visibility

When you drag a widget from the Widgets menu into a dropzone, you can now see the widget icon, making it easier to see which widget you've selected.

To use this feature:

- In Site Builder, drop a widget onto a page.
- Note that you can see the widget icon you selected as you move it into the dropzone.



ORDERS

The following features are new for Orders:

- [Search Orders by Pending Status or Customer Information](#)
- [Order Header Updates](#)
- [Customized Invoice and Packing Slip options \(manual\)](#)

Search Orders by Pending Status or Customer Information

You can find orders faster with the new quick filter search fields:

- Pending Status
- Unpaid Order
- Customer First Name
- Customer Last Name
- Customer Email

To use these new filters:

1. In Mozu Admin, select **Orders**.
2. Click the Quick Filter icon and select the filter drop down or field you want to search by:
 - a. **Pending Orders:** The Pending Orders filter searches offline orders by default. Change Order Type to search for online or all orders.
 - b. **Unpaid Orders**
 - c. **Customer Information:** Enter the customer's first name, last name, or email address into the corresponding fields.
3. Click **Filter** to view the results in the Order Grid.

The screenshot shows the 'Orders' section of the Mozu Admin interface. At the top, there is a search bar with the text 'paymentstatus:Unpaid orderStatus:Open'. Below this, an 'Advanced Filter' dialog box is open. The dialog box has a title bar with a close button (X). Inside, there is a 'Quick Filter' section with a dropdown menu. The dropdown menu is currently open, showing a list of filter options: 'Open Orders', 'Unpaid Orders' (which is highlighted), 'Paid, Pending Fulfillment Orders', 'Pending Offline Orders', 'Fulfilled Orders', 'Cancelled Orders', 'Errored Orders', and 'All Orders'. At the bottom of the dialog box, there are two buttons: 'Cancel' and 'Filter'.

Order Header Updates

The order header contains a summary of order details, which now includes the shopper's email address. The Order Header also displays a Pending Amount, the total of any non-captured payment transactions. This field only displays if there are pending order transactions that have not been captured on the order.

To view these updates, click on any order in the Order Grid.

Customized Invoice and Packing Slip Options

Customized invoices and packing slips help reinforce your brand to customers.

You can customize the format and layout of your invoice and packing slips by using the Mozu Core theme templates in Site Builder or by manually updating your theme.

USING THE MOZU CORE THEME TEMPLATES IN SITE BUILDER

1. In Mozu Admin, select **Site Builder**.
2. Hover over your theme and select **Edit**.
3. Select **Orders Templates>Order Details** or **Orders Templates>Packing Slip**.
4. Add your site name, address, and URL. Click **Save**.

You can override the templates for invoices and packing slips with any format and style you want to add, such as your company logo, a footer with your company contact information, and so on. Make these changes in the corresponding Hypr template files in your theme.

MARKETING

The following features are new for Discounts:

- [Maximum Discount Value Per Order and Maximum Redemptions Per Order](#)
- [Minimum Order Dollar Value Discount Condition](#)
- [Ability to Duplicate Discounts](#)

Maximum Discount Value Per Order, Maximum Redemptions Per Order

Refine your discounts to limit redemptions and discount totals. Set limits on the dollar value of a discount and the number of times a discount can be redeemed in an order. You may use either or both limits in a discount.

Maximum Discount Value Example

A 10% discount on a \$300 product results in a \$30 discount. If Maximum Discount Value is set to \$25 for the discount, the customer will receive only a \$25 discount across the order.

Maximum Redemptions per Order Example

A “Buy a Camera, Get a Lens Free” discount with a Maximum Redemptions per Order set to 2 would cap the discount to 2 lenses per order, regardless of the number of cameras in the order.

To use these features:

- When creating a discount:
 - specify a Maximum Discount Value in dollars to limit the value of a discount.
 - specify a Max Redemptions per Order to limit the times a line item discount can be applied to an order.

Discount Limitations

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

Maximum Discount Value

Total Number of Redemptions: Max Redemptions per Order

☐ Create coupon

☐ Discount Can Be Redeemed One Time Per Shopper

Minimum Order Dollar Amount Condition for LineItem Discounts

You may now create line item discounts with the condition of a minimum order total of X dollars.

To use this feature:

- Configure a discount that applies to a line item.
- Under Discount Conditions, specify a Minimum Order Amount.

Example: Shopper receives \$25 off of any cycling jersey with any order over \$150.

Create

* Name

\$25 off Cycling Jersey with Purchase of \$150 or More

Description

B

I

U

A

A

ab

* Discount Applies To

LineItem

* Discount Affects

Product

* Discount Type

Dollar Amount

\$25.00

Discount Conditions

Discount conditions specify rules which must be met before a discount or coupon will be valid.

Starts

Now

Ends

1/31/2015 4:01 pm

Minimum Order Amount

\$150.00

Customer Segments

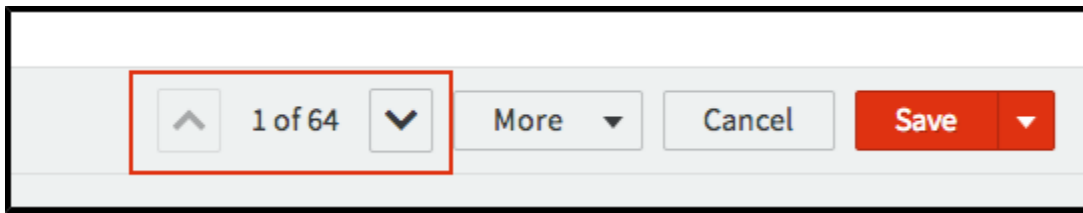
Add

View Next and Previous Discounts in Discount Editor

You may now browse through discounts in the Discount Editor, enabling you to quickly examine or make changes to multiple discounts.

To use this feature:

- Edit a discount.
- Use the arrow buttons in the upper right to navigate to the next or previous product.
- **Note:** If the next and previous arrows are not displayed, refresh the page.
- **Note:** The order of discounts in the browse matches the sort order of the Discount Grid. Best practice is to sort the grid by a parameter you will not be changing, like the discount name.



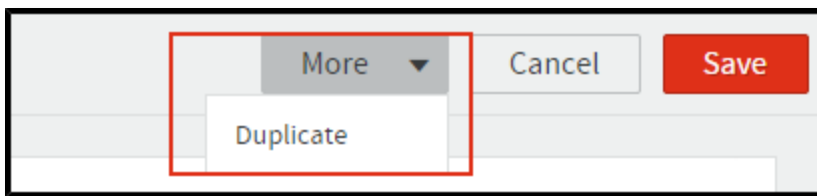
Ability to Duplicate Discounts

You can now duplicate an existing discount. Duplicating a discount makes an exact copy of the discount, changing only the name. For example, a duplicate of the discount “15% Off Cameras” will be named “15% Off Cameras – Copy.”

To use this feature:

5. Open the discount you wish to duplicate.
6. Select **More > Duplicate**.

Note: If the discount you are duplicating uses a coupon code, you will be prompted to enter a unique coupon code.



Dev Center Updates

Dev Center includes updates to application and theme development.

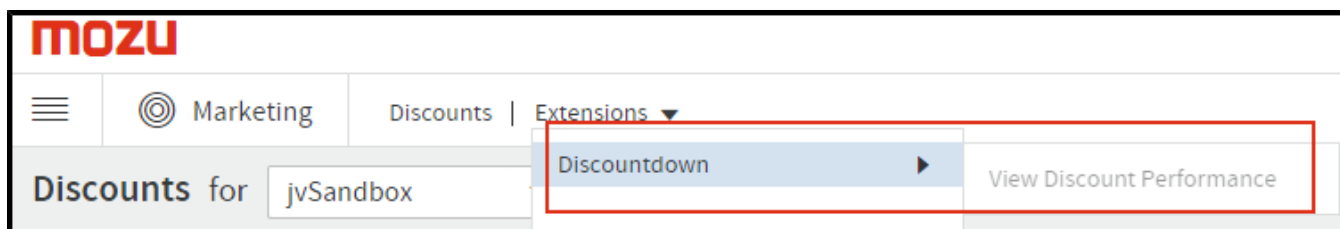
APPLICATION DEVELOPMENT

Application Development receives the following update:

Registered SubNav Links Can Now Pass Context Information

SubNav links that an application registers can read context information from the page, allowing for improved user experience. Adding context to your code to invoke a SubNav link will allow your application to receive the context from the record or page the user is on. You can also use context to determine which context the link is active in.

This image shows a SubNav link for an application called Discountdown. Because the user is not in a discount record, they cannot select View Discount Performance.



To use this feature:

- Add a requiredContext to your call to invoke a SubNav link
 - Example (from .NET SDK):

```
var subNavlink = new SubnavLink
{
    ParentId = Parent.Orders,
    Href = String.Format("{0}/orders", _appUrl),
    Path = new []{ "MyApp", "Orders" },
    RequiredContext = Context.Orders
    WindowTitle = "My Extension App Orders"
};
_extensionHandler.AddUpdateExtensionLinkAsync(TenantId, subNavlink).Wait();
}
```

- Available contexts are below. These parameter fields are validated based on which sub module the link is being registered for, only allowing the parameters below.
 - Order
 - Order ID
 - Order Number
 - External Order Number
 - Customer Email
 - Customer Name
 - Customer ID

- Store Credits
 - Customer ID
 - Credit Code
- Catalog
 - Product Code
 - Catalog ID
 - Product Type
 - Product Usage
- Customer
 - Customer ID
 - Customer Account Email
 - Shopper Account Email
- Location
 - Location Code
 - Location Type
- Discounts
 - Discount ID
 - Coupon Code
- Customer Segments
 - Customer Segment ID
 - Customer Segment Code
 - Customer Segment Name

THEME DEVELOPMENT

Theme Development receives the following updates:

New Query Accessor in Hypr

You may now access the URL query string as an object in Hypr, using `{{pagecontext.query.qskey}}`, where `qskey` is the key of a query string value. This allows you to implement custom paging or drive behaviors on your page based on query strings.

To use this feature:

- Use the query property of the pagecontext Hypr tag to access URL query strings

For example, the URL for the second page of a results on a category page may look like this:
`http://www.example.com/c/752/?startIndex=15&categoryId=752`

To access the `startIndex` of the URL in a Hypr template, use `{{pagecontext.query.startIndex}}`

By default, the returned query string values escapes the following characters:

- Characters between tags, including `</>`, `<!-->`, `<?>`
- `#`
- `&`
- `+`

You can include all characters in the query string value by using the safe filter: `{{pagecontext.query.____|safe}}`

Google Analytics Revenue Reporting Shows Correct Discounted Totals

The Mozu Core theme has been updated to allow Google Analytics eCommerce reporting to accurately report revenue for products with discounts applied. Line-item level discounts are not directly supported in Google Analytics. As a workaround, the Core theme now adds an extra Google Analytics transaction item with a negative price for each line-item discount. All themes inheriting from Core 6 or later receive this update.

Integrations Updates

Integrations receives the following updates:

- [Available Applications](#)
- [SDK Updates](#)

AVAILABLE APPLICATIONS

Visit <http://www.mozu.com/ecommerce-app-center> to learn more about applications available for integration with Mozu.

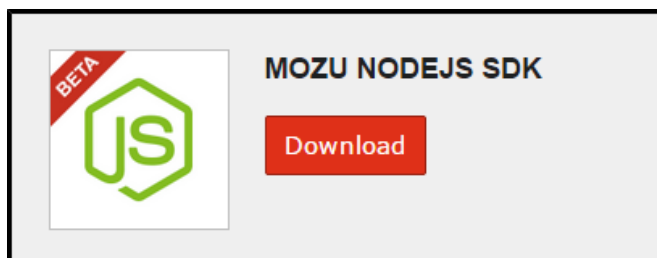
Visit <http://developer.mozu.com/tools> to find links to the Mozu In-Store Sales Assistant and the Mystic Sports storefront.

- In-Store Sales Assistant App: An extension of the Mozu platform giving sales associates immediate access to product, customer and order data. It is designed to help sales associates be more responsive to consumer needs.
- Mystic Sports: A Mozu storefront complete with products and customer data designed with current best practices. Use this storefront to learn more about the Mozu platform.

SDK UPDATES

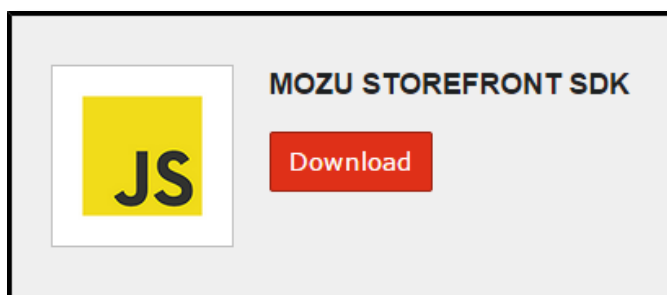
NodeJS SDK (Beta) Now Available

The Mozu NodeJS SDK is now available on <http://developer.mozu.com/tools>. Note that this SDK will have limited support and documentation while in beta.



Storefront SDK

The JavaScript SDK is now the Storefront SDK.



Changes to SDKs

The following SDKs were refreshed for this release:

- Java
- .NET

You can view changes for this release at:

<https://github.com/Mozu/mozu-dotnet/blob/master/SDK/ChangeLog.txt>