QAD Digital Commerce Release Notes

QAD Adaptive Applications

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Overview

We are pleased to present the most recent developments in QAD Digital Commerce, which include a number of significant improvements aimed at improving your experience.

In this release, we have implemented critical compliance updates for SOC 2 and PCI standards ensuring your operations remain secure and aligned with industry best practices.

Additionally, significant performance and security enhancements have been implemented to strengthen system reliability, protect user data, and optimize efficiency, further improving the usability and responsiveness of Digital Commerce.

These release notes include information about the latest changes made to Digital Commerce. The changes consist of new functionality, enhancements to existing functionality, and fixes.

Review this document before proceeding with any phase of implementation.

New Features

Administrator

Import Orders from FTP

Administrators can now import orders from the FTP site and automate the process. A new business rule, Order History Import, is now available on the Rules page. This rule allows the administrators to set up and schedule it to run at regular intervals, such as every day at midnight.

When the rule runs, it retrieves the excel file from the FTP location and imports the new orders into the Digital Commerce website.

After the import, administrators can view the orders from the Orders option in the top menu, while users can access the orders on the View Order History/Status page or the View All Account Orders page.

This new feature streamlines the order import process, reducing manual effort.

Customer Invoice

A new checkbox, Backordered Inventory Column on Invoice, is now available in the Common Store Options in the administrator settings. This allows administrators to control if customers see backordered inventory information on their invoices.

Selecting the checkbox displays the Low Inventory column, and clearing it hides the column from customer invoices.

Force Password Change for Customers and Sales Representatives

Two new checkboxes, Customer and Sales Rep, are now available in the Force Password Change section of the administrator settings. These checkboxes allow the administrators to force the password change process for customers and sales representatives users.

When selected, users are redirected to the Password page, where they must update their password before they can access any feature within the Digital Commerce website.

Fig. 1: Customer Change Password Screen

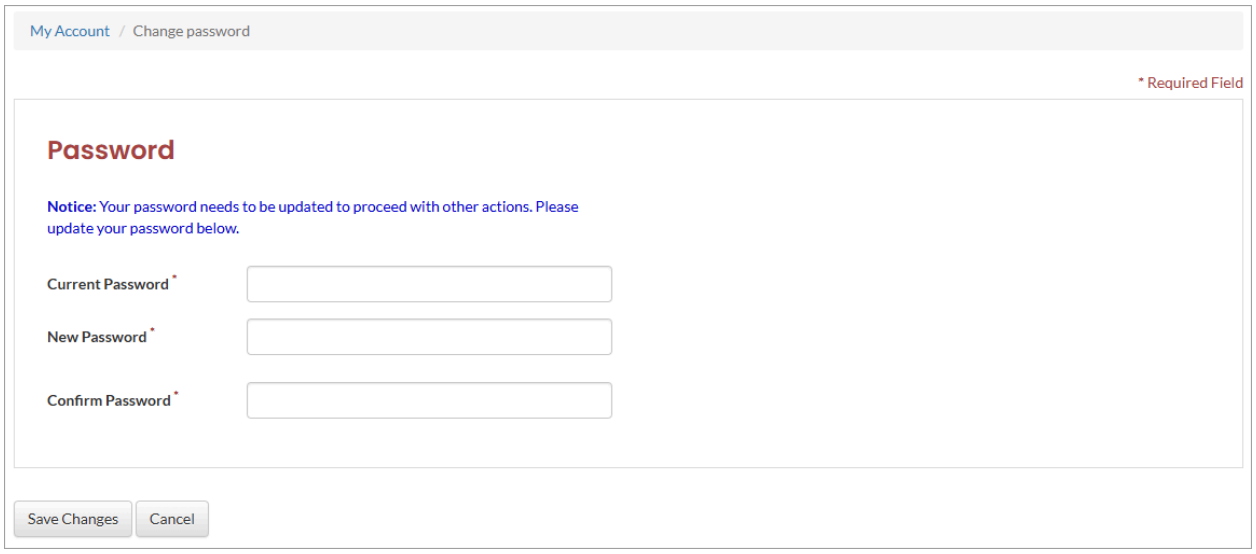
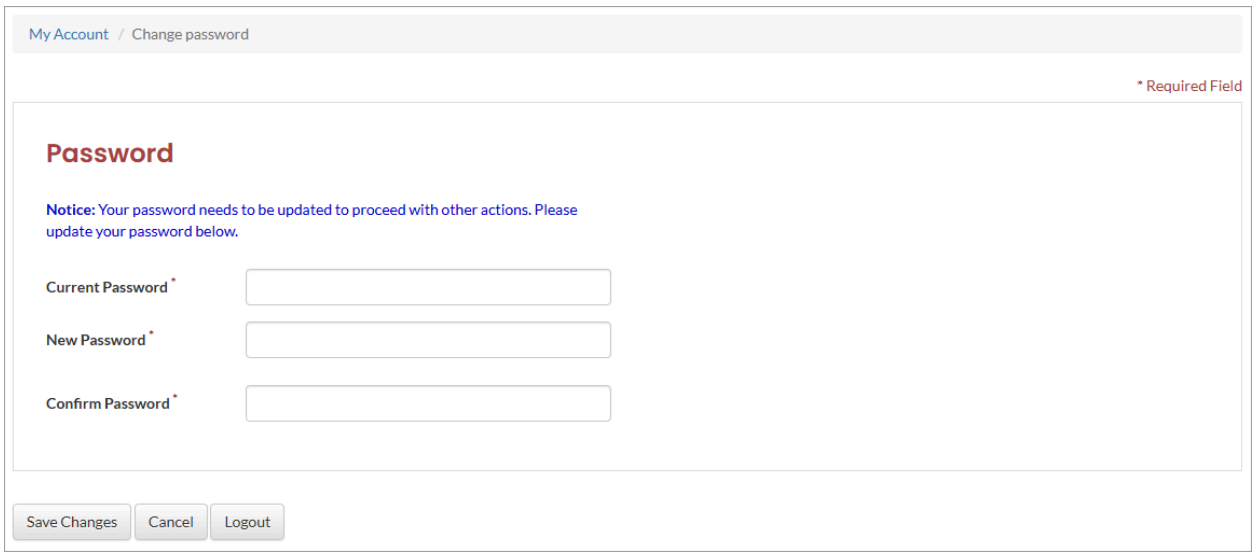


Fig. 2: Sales Representatives Change Password Screen



Integration with Auth0 Identity Provider (IdP)

A new authentication service has been implemented, integrating with Auth0 as the primary Identity Provider (IdP) to enhance authentication for administrators. The service is designed to be flexible, allowing easy integration with other IDPs in the future.

This service is decoupled from the Digital Commerce website, making it adaptable to new authentication providers as needed. By using Auth0 and other trusted IdPs, user authentication is securely managed, taking advantage of the strong security measures these platforms offer.

This approach improves security while providing the flexibility to expand authentication options in the future.

New Credit Card Payment Option

The Online Credit Card Billing System in the administration settings now includes Authorize.net Hosted Form as a new payment option. Authorize.net hosted form is a mobile-optimized, fully hosted payment form that allows the Digital Commerce website to accept payments while maintaining SAQ-A level PCI compliance.

This feature provides customers with enhanced payment security and reduces the risk of data breaches.

This feature is available only on request. For more information, contact your account manager or create a support ticket.

Enhancements and Changes

Administrator

Enhanced Password Security for Administrators

Password security has been enhanced for administrators. As part of this enhancement, existing administrators are prompted to change their password upon logging in with their old password. They are redirected to the Password page, where they must update their password before they can access any feature within the Digital Commerce website.

This enhancement improves the authentication process, making logins more secure and helping to protect against common security threats.

Add SKUs in Responsive Admin

Administrators can now add new SKUs on the Purchase Order > List page in New Admin (Responsive Admin). This feature, previously available only in the legacy admin, is now fully functional in the responsive version, making it easier to manage SKUs across all devices.

General

Upgrade to UPS 2.0 APIs

In June 2024, the Digital Commerce website added support for UPS 2.0 APIs, providing enhanced functionality and improved performance.

Credit Card Activation Validation

A vulnerability allowing order submission with inactive credit cards has been resolved. The Digital Commerce website now verifies card activation prior to order submission, ensuring proper payment processing and prevents the use of inactive cards.

Security

Enhanced Password Security for All User Types

Password security has been enhanced for all users. This update applies to access users, API access users, customers, and sales representative users.

As part of this enhancement, the existing users are prompted to change their password upon logging in with their old password. They are redirected to the Password page, where they must update their password before they can access any feature within the Digital Commerce website.

For customers and sales representative users, administrators have the ability to force password changes when they are ready. This is done by selecting the Customer and Sales Rep checkboxes in the Force Password Change section of the administrator settings. Selecting these checkboxes requires users to change their passwords upon their next login.

This upgrade significantly enhances the security of user credentials and helps protect against modern attacks, ensuring the integrity and safety of the Digital Commerce website.

Shipping Method Security Enhancement

The checkout process has been enhanced to prevent users from selecting invalid shipping methods.

This enhancement includes a security check to validate shipping selections, ensuring that only valid shipping options are used, making the checkout process more secure and reliable.

Enhanced Payment Method Validation

A security update has been implemented to prevent users from selecting invalid payment methods during checkout.

This enhancement includes a validation check to ensure that only valid payment options are used, making the checkout process more secure and reliable.

Enhanced NVP Payment Gateway Validation

A security update has been implemented that improves the accuracy of payments processed through NVP-based payment gateways, such as AliPay, PayPal, eBillMe, and AmazonPay.

The system now verifies that payment amounts are correct, preventing unauthorized changes.

Customer Support Ticket Security Enhancement

A security update has been implemented to improve the security of customer support tickets.

This update prevents users from entering potentially problematic characters in the Subject field, thereby addressing a potential security issue.

Enhanced Security for Sales Representative Accounts

A security update has been implemented to improve the security of sales representative accounts.

This update prevents unauthorized access by using a more secure password system, safeguarding sensitive data.

Enhanced Login Security for User Accounts

A security update has been implemented to improve the security of user account login.

This update addresses potential vulnerabilities related to unauthorized access, adds limits to the number of login attempts, and requires stronger passwords, significantly enhancing account security.

Enhanced Protection of User Data

A recent scan of the Digital Commerce website identified areas requiring enhanced user data protection. Security updates have been implemented to help prevent unauthorized access and safeguard user information.

Security Enhancements in Group Functionality

A recent scan of the Digital Commerce website identified areas in the group functionality requiring enhanced protection. Validation measures have been added to ensure users can only modify their own group lists, further strengthening data integrity and access control.

Security Enhancements in Ticket System

A recent scan of the Digital Commerce website identified areas within the ticketing functionality requiring enhanced protection. Updates have been implemented to strengthen access controls and ensure customer ticket data remains secure.

Security Enhancements to Prevent Unauthorized Redirects

A recent scan of the Digital Commerce website identified areas requiring enhanced protection against unauthorized redirection. Security updates have been implemented to prevent redirects to external websites, helping safeguard users from potentially harmful websites.

Security Enhancements to Prevent Cross-Site Request Forgery (CSRF)

A recent scan of the Digital Commerce website identified areas requiring enhanced protection against unauthorized actions within user accounts. Security updates have been implemented to better protect against Cross-Site Request Forgery (CSRF) attempts.

Veracode Security Enhancements

A recent Veracode scan of the Digital Commerce website identified areas requiring enhanced protection. Updates have been applied to improve overall security and reduce potential risks.

Enhanced Protection Against Cross-Site Scripting (XSS) in User Data

A recent scan of the Digital Commerce website identified areas requiring enhanced protection related to user data handling. Security measures have been taken to mitigate potential Cross-Site Scripting (XSS) risks.

Enhanced Protections Against Cross-Site Scripting (XSS)

A recent scan of the Digital Commerce website identified multiple areas requiring enhanced protection against Cross-Site Scripting (XSS), including critical components related to sales representative accounts. Security updates have been implemented to improve security and reduce Cross-Site Scripting (XSS) risks across the website.

Fixed Issues

Issue ID	Description
WEBJ-683	Administrators are unable to use the Quantity range (min, max) fields when adding items to a sales order, as no results are returned when the quantity ranges are applied.
WEBJ-1678	The login page for administrators takes a long time to load. As part of this fix, the load time is now reduced from 4 minutes to 1 second.

Issue ID	Description
PROMO-951	The product reviews do not load when you click the Review link.
WEBJ-1264	When viewing the Abandoned Cart report, a value of $0.00 is displayed in the Total Amount column for some customers. This issue is observed when customers are in a store other than the multistore and directly navigate to the Checkout page after adding a product to their cart, bypassing the View Cart page.
PROMO-3344	Previously, when customers clicked Pay Bill and then Charge Card from the View My Order History/Status page, the system authorized the card but did not mark it as chargeable. This caused the order to show a zero balance in the Administration Console, making it appear as already paid, and preventing the payment from being captured. With this fix, authorized cards are now correctly marked as chargeable, enabling successful payment capture from the Administration Console.