

# Bulk Product Options - Feature Release Notes

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**Feature:** Bulk Product Options

**Module:** Shop

**Release Date:** March 22, 2026

**Reference:** SVN r323348

## 1. Release Overview

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This release significantly expands the Bulk Product Options feature, focusing on UX consistency, operational safety, scheduling reliability, per-store delivery control, and bulk pricing automation with validation reporting. The result is a materially faster and safer workflow for high-volume catalog operations.

## 2. What Changed in This Release

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### 2.1 Navigation and tab model

- General tab relabeled to Product Settings.
- Added Sub-Product Gallery Images tab.
- Added Sub-Product Content tab.
- Applied consistent panel-style layout across all tabs for predictable interaction patterns.

### 2.2 Selection and control UX

- Replaced keyboard-dependent multi-select patterns with checkbox-based picker controls.
- Added inline filtering, selected counts, Select All, and Clear actions to multi-select pickers.

- Improved status/category/store selection readability and control state feedback.

### 2.3 Category and attribute enhancements

- Maintained category tree display in bulk selection UI.
- Added optional auto-select of category children when parent is selected.
- Product and sub-product attributes now exclude define\_product\_variant groups.
- Product Attributes tab now supports page-size selection: 100, 250, 500, 1000 with default 100.

### 2.4 New Pricing tab (formerly Sku Prices)

- Added Pricing tab as the last tab in Bulk Product Options.
- Supports copying pricing from one active price level to another active price level.
- Target price level list excludes the selected source level to prevent self-copy operations.
- Supports optional calculation transform (Discount/Markup with % off or \$ off).
- Supports apply targets: All Products, Specific Categories, Specific Products.
- Added independent toggle to filter updates by selected product statuses.
- Pricing tab includes full Schedule Future Updates support using database-time semantics.

### 2.5 Tab-by-tab coverage (all 9 tabs)

Tab	Primary Release Changes
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Product Settings	General tab relabeled; enhanced change toggles; improved multi-select controls; Export Google Feed control; role-aware store visibility rules
Product Attributes	Group eligibility filter updated to exclude <code>define_product_variant</code> groups; page-size selector added (100, 250, 500, 1000; default 100)
Product Gallery Images	Independent Change Images and Change Image Tags flows; tag-only updates; add/remove modes separated and toggle-gated
Product Content	Panel-layout consistency updates and schedule support aligned with other tabs
Sub-Product Settings	Schedule section placement updates; Delivery Settings added with per-store targeting and permission-based store filtering
Sub-Product Gallery Images	Added as a first-class tab; same improved image/tag update model as Product Gallery Images, scoped to sub-product galleries
Sub-Product Content	Added as a first-class tab to support bulk sub-product content updates with consistent UI controls
Sub-Product Attributes	Group eligibility filter updated to exclude <code>define_product_variant</code> groups; panel and selection UX aligned to standard
Pricing	New tab for level-to-level price copying, optional calculations, apply-target scoping, status filtering, partial-success handling, and XLSX validation-failure reporting

### 3. Scheduling and Time Handling Improvements

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- Schedule Future Updates is available on every bulk-update tab.
- Schedule logic only runs when schedule toggle is YES.
- Datetime input is future-only and validated with database-time context.
- Client validation and server validation both enforce schedule correctness.
- Datetime is treated in database timezone semantics to avoid browser-timezone drift.

### 4. Delivery Settings Expansion (Sub-Product Settings)

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- Added Delivery Settings section with Change Delivery Settings toggle.
- Delivery controls remain hidden until one or more stores are selected.
- Supports different delivery-method configurations per selected store in one operation.
- Administrators see all stores; non-admin users see only assigned stores.
- Respects store-level, vendor-level, and vendor-product delivery restrictions.

Behavioral guarantee: if Change Delivery Settings is NO, delivery updates are not written.

### 5. Gallery Workflow Expansion

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- Added independent Change Images and Change Image Tags controls for both product and sub-product gallery tabs.
- Each feature area has its own add/remove mode, allowing independent operation intent.
- Enabled tag-only updates so tags can be applied/removed without adding/removing images.

- Gallery manager visibility now depends on whether at least one of the two gallery features is enabled.
- Tag picker supports multi-select with 10 visible rows and filtering tools.

## 6. Product Settings Improvements

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- Added Export Google Feed toggle alongside visibility/search settings.
- Retained add/remove workflow for status, categories, and stores while improving picker usability.
- Applied consistent store visibility rules aligned with role-based access expectations.

## 7. Validation and Safety Controls Added or Strengthened

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Area	Rule	Operational Benefit
Scheduling	Future datetime required when enabled	Prevents accidental immediate execution
Gallery	At least one of image/tag features must be enabled	Prevents no-op submissions
Tag updates	Tag selection required when Change Image Tags is enabled	Prevents ambiguous tag operations
Delivery	Store selection required when delivery updates are enabled	Ensures explicit store targeting
Permissions	Store options filtered by role/assignment	Prevents unauthorized store edits

Pricing copy levels	Source/target levels required and must differ	Prevents invalid self-copy operations
Pricing calculation	Numeric-only calculation value validation	Prevents malformed pricing transforms
Pricing statuses/categories	Required selections when corresponding filters are enabled	Prevents ambiguous target scope
Pricing apply execution	SKU-level validation failures are skipped and reported (modal + XLSX)	Preserves successful updates while surfacing actionable exceptions

## 8. User-Visible Behavior Changes to Communicate

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- Multi-select no longer requires Ctrl/Cmd key behavior.
- Schedule controls are explicit and tab-local, with clear enable/disable state.
- Gallery image and tag operations can now be intentionally separated.
- Delivery method controls appear contextually after store selection.
- Attributes page-size control appears inline before grid summary in Product Attributes tab.
- Pricing confirmation modal now summarizes: apply target, source level, and target level.
- Pricing validation failures render an in-modal report and support Download Excel in true XLSX format.

## 9. Backward Compatibility and Data Integrity

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- Legacy payload compatibility paths for delivery settings are retained.

- Server-side validation remains authoritative even when UI validation is bypassed.
- Schedule snapshot infrastructure remains compatible with current scheduled job execution patterns.

## 10. Deployment and Verification Checklist

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1. Deploy updated controller, form model, view partials, and CSS assets.
2. Clear relevant caches and ensure updated CSS/JS bundles are loaded.
3. Validate each tab with at least one Add and one Remove scenario.
4. Validate schedule OFF and schedule ON for each tab.
5. Validate admin vs restricted-user store visibility.
6. Validate delivery toggles and per-store delivery method updates.
7. Validate gallery image-only, tag-only, and combined operations.
8. Validate Pricing tab copy flow for each apply target mode.
9. Validate Pricing tab status filter toggle behavior.
10. Validate Pricing validation-failure modal report and XLSX export output.

## 11. Support Notes for Operations Teams

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- If a user reports missing store options, verify role and store assignments first.
- If schedule submission fails, validate datetime format and future constraint relative to database timezone.
- If gallery tag updates appear partial, confirm image file-path match exists in target galleries.

- If delivery methods do not enable as expected, inspect store/vendor/vendor-product method constraints.
- If Pricing updates skip SKUs, download the validation report and review source-level regular/sale price values and validation errors before rerunning.