

## **nopCommerce 4.60.0 changelog**

We've migrated nopCommerce to .NET 7 (the latest available version of .NET platform). No other major features have been introduced with this release as our development efforts were focused on architecture improvements, source code refactoring, further enhancements and fixing bugs.

Please note that nopCommerce 4.60 requires Visual Studio 2022 (17.4.0) or above, .NET 7 SDK (7.0.101) ([download](#)), and ASP.NET Core Runtime (v7.0.1) - Windows Hosting Bundle ([download](#)). You can download .NET 7 SDK and ASP.NET Core Runtime 7.0.1 for other operating systems (e.g. Linux, macOS, Windows) and families of processors (e.g. Arm64, x64, x86) [here](#).

Important upgrade instructions. We moved customer related fields from the "GenericAttribute" table to the "Customer" table (see details in <https://github.com/nopSolutions/nopCommerce/issues/4601>). If your database has a lot of "Customer" records, auto migration (during the first application start) can take a long time, so we have prepared scripts to update the database. Execute `customer_data_migrate.sql` (depending on the db provider) script over your database.

### **Highlight features:**

- #6225 Upgrade to .NET 7
- #6417 Integration with PayPal Zettle
- #6415 Integration with Cybersource

### **Improvements:**

- #7 Products. Added support for video
- #1933 Display all pictures on catalog pages
- #3997 Added Instagram to default social media links
- #3075 Support searching products by manufacturers names and categories names
- #5947 Search customers by last activity and registration dates
- #5261 Allowed a store owner to edit the robots.txt file in admin area
- #3777 New activity log types added
- #1961 Allow VAT number to be entered in guest checkout
- #6182 reCAPTCHA added to guest checkout
- #5705 A way to enable/disable discounts: IsActive property added
- #524 Localized export/import for Products, Manufacturers and Categories
- #5604 Show product thumbnail on order details page
- #3511 New products page pagination added
- #5802 Adding header and footer custom HTML from admin area
- #5123 Upload multiple product images at the same time

- #29 Catalog pages. Display "From" prices for products with attributes with price adjustments
- #5979 Scroll page up on product load
- #5313 Order import from excel functionality added
- #508 Added support for SVG images
- #5427 Toggle button added for show/hide ajax filter on catalog page in mobile screen
- #5809 Added automated way to delete inactive customers and their personal data
- #6198 Ignore cancelled orders for discounts with N-Time use
- #5241 Added additional WidgetZones for Login, Register, Wishlist and other
- #6062 Successful message in account details
- #5905 Message template search by active status added
- #6115 Display product short description on catalog pages
- #6248 Add ada attributes to anchor tag
- #6235 Fixed height of the cookie notification dialog
- #385 Added support for product URLs with a category in path
- #5120 Sendinblue plugin - New attribute added for customer language
- #5627 Added minification error logging
- Fix container path for app data
- #1933 Fixed default image display if product images are not set
- #5753 Uploading default image from admin area
- #5226 Facebook authentication plugin. Data deletion request handling
- #5607 ACL rules for the multi-factor authentication
- Added a restriction on the format of the image (\*.svg) that a vendor can upload in their personal account and on the 'Apply for vendor account' page
- #4591 Added a scheme-specific action to switch SSL setting.
- #6328 Added the virtual keyword for DeleteDirectory and GetFileInfo methods in NopFileProvider
- #6296 Fixed sorting and filtering by date in the sales summary report
- #6332 Added UI filter by vendor for the Sales summary report
- #385 Fix some incorrect views location
- #6301 Use name for specification attribute option as CustomValue when exporting products
- #6353 Display warning when admin enters the same discount coupon code
- #6056 Replace sample pictures
- #196 Updated some third-party packages
- #6378 Added "Allow SVG uploads in admin area" media setting
- #6387 PayPal Commerce. Added a link to our documentation
- #6418 PayPal Standard plugin removed
- #6278 ShipStation plugin removed
- EasyPost shipping plugin removed
- #6340 Added some HTML attributes missed from Nivo Slider widget
- #6372 Don't display "first steps" wizard for vendors
- #5250 Moved display the order.CustomValuesXml on the Customer Order Details page to under the Payment Details

- #6039 Added possibility editing of billing and shipping addresses during checkout
- #4987 Require a customer to re-login on all devices after password changing
- #43 Localized main website keyword, meta title and meta description

### **Refactoring:**

- #6102. Refactoring of plugin system
- #6128 Don't set microdata price to zero when "Call for price" option is used
- #6123 Filter featured products by available start date
- #4601 Customer attributes moved to customer table
- #5832 Removed the ability to enable/disable IMisc plugins
- #5702 Currency store restricted for the system customer
- #5792 Optimized the bestsellers reports
- #5102 Fixed search of products by localized terms
- #5606 Allowed sitemap access even when the public store navigation is closed
- #6081 Used ViewComponent's type instead of name for strong typing
- #6139 Fix for table schemas
- Prevented some open redirect cases when the redirect URL is not local
- Added check for allowed redirect Uri schemes
- #6179 Don't use 'review' microdata when reviews are disabled for the product
- #6165 The AntiForgeryToken must be present on any page in the public store
- #6102 Fixed problem on clean installation process
- #5089 Added product information about low stock
- #6154 Renamed Nop.DataTests to Nop.Data.Tests
- Fixed two regex for url on BBCodeHelper
- Some refactoring of CustomerController class
- Changes to uploading avatar images and vendor images
- #6172 Some refactoring of FilePermissionHelper class
- #6101 Fixed typo in locale about uninstalled plugins
- #6171 Fixed html viewport value in the admin popup layout
- Fixed a possible issue with database backup filenames
- #6089 Fixed some controller actions that are not consistent with PRG pattern
- #6153 upgrade scripts added to move customer fields from GenericAttribute table to Customer table
- #6156 Keep attribute quotes during HTML minification
- #6131 Google Analytics plugin. Update description
- #6179 Fixed problems with Google latest microdata
- #6111 Updated a hint of the "Quantity returned to stock" field
- #6092 Allow AdditionalTokens used in Message Templates to be filtered by TokenGroups
- #5874 Facebook pixel conversions API functionality added
- #6170 Added logging of decoding and image processing errors
- #5969 Back In Stock Notification on products import
- Sendinblue plugin. Update package to 3.3. Add Marketing Automation directly to the plugin

- #6257 Renamed MigrationType file to UpdateMigrationType
- Removed routing compatibility with old 1.x and 2.x versions
- Removed unused event
- Move SitemapGenerator from Nop.Services to Nop.Web
- Convert SitemapGenerator to the factory
- Move sitemap methods to the separate factory
- Refactoring of SlugRouteTransformer
- #5254 Use async methods in IUploadService
- #5962 Refactoring of NopHtmlHelper class
- Additional check on requesting static files
- Removed redundant parameter from AddressEdit method
- Added parameter GenerateRuntimeConfigDevFile to the Nop.Web proj file
- Fixed concatenation errors when NULLify omits trailing semicolons during minification
- #5928 Allow selecting default product sorting option
- accessiBe plugin. Configuration instructions updated
- #3651 Order processing notification
- #3651 Single generic event for order status changes
- #6294 Bump LINQ to DB to 4.1.0
- #5985 Connector/NET has been replaced by MySqlConnection data provider
- #6271 Added a timeout setting for query commands
- #5741 Fixed accuracy mapping of date and time columns
- #6303 Added saving version information of update migrations during installation
- When saving a picture in the file system, its extension will not be specified if an incorrect Content-Type is passed
- The URL path of the redirect when returning from the login page must be local
- Cookies headers are no longer shown on the System information page
- Removed the ability to export passwords from the export of customers
- Improved image mime type checking when importing products
- Added html encoding of vendor description
- #6316 Fixed typo in ExportProductAttribute.ProducAttributeCellOffset
- #5134 Refactored some conditions for checking store mappings
- #5720 Added the partial modifier to record and class definitions
- #6348 Refactor GetWareHouseByIdAsync method
- #196 Update of Azure Storage Blobs client library to the latest version
- #3529 Changed the PerRequestCache onto ConcurrentDictionary
- #6339 Add parameter name in filter attribute calls
- #5570 Sitemap XMLs have been moved to the file system
- #5035 Added migration running entry point immediately after the migration runner becomes available
- #5096 Added implementation of the ISoftDeletedEntity interface to the Store entity
- #196 Update some packages to the latest version
- #5593 Improved clear function of distributed cache
- #5287 Price calculations based on store
- #6355 Added missing end tag

- Fixed problem with getting store on PrepareProductAttributeModelsAsync method
- Added tests for SettingService
- Restored the work of the CanPrepareProductReviewsModel test
- Added tests for LocalizedEntityService
- Added jQuery UI Touch Punch client library
- #6336 Fixed point validity exception issue
- #6370 Fixed test on linux OSs
- #6396 Rename some locales
- #6395 Fixed a typo in product availability range option
- #6213 Added the ability to delete minification files on the maintenance page
- #6366 Changed bundle naming
- #6336 Added missed locale
- #6402 Returned function of the redirect to the home page after installation
- #6359. Increased performance of PreparePlaceOrderDetailsAsync method
- Avalara tax plugin. Fix validation address error
- #6411 Added missed locale string
- #5599 Added possibility to use default email address to use us 'to' fields for store owner notifications
- For consistency added StoreOwner prefix to some methods and properties
- #5599 Fixed Sendinblue plugin to use default email address to use us 'to' fields
- Use the SkiaSharp library to resize image in the FileRoxyFilemanService class instead of System.Drawing
- Fixed possible problem with wrong language on gift card email
- #6422 Added sync version of methods for startup and migration
- #4622 Replaced iTextSharp with QuestPDF
- PayPalCommerce plugin. Suppress redundant exception
- SendinBlue plugin. Downgrade RestSharp to match packages in other plugins
- #196 Updated browscap.xml
- #6008 IAdminMenuPlugin can set own active menu item
- #5701 Added possibility to choose between Autofac and .Net IoC containers
- #5838 Added notification about restart after changing language
- #228 Added abstractions for search plugins
- #5182 Updated language packs for the installation page
- #6444 Trim IP address to search in admin area
- #6445 Hide price filter if a product is not available on the search result
- #6458 Added asterisks to indicate that some fields on the News details page are required

#### **Bugs:**

- #5974 PayPalCommerce plugin. Fix shipping tax issue
- #6104 Fixed wrong HTML tag
- #6105 Fixed a bug on one-page checkout that made it impossible to place an order
- #5656 Fixed problem with failing scheduled tasks on startup on Linux
- #6107 Correct saving of nullable app settings from the admin area (null by default, not 0)
- #3946 Fix URL encoding in RouteUrlAsync

- #6142 Fixed problem with running Down migrations during plugins uninstall process
- #6134 Fixed problem on importing product with categories which has limitation to specific stores
- #6145 Fixed a bug where it was impossible to save settings if the model passed to the view has complex dependent objects
- #6150 Fixed sorting by name issue
- #6177 Facebook Pixel plugin. Fixed script preparing
- #6168 Fixed bug when custom address fields are not saved for vendor
- #6199 Fixed editor postfix output contains Unicode characters
- #6038 Fixed editing of custom address attributes during checkout
- #6155 Fixed styles of the <pre> element
- #6209 Fixed encoding of localization resources in estimate shipping
- #6161 Fixed a bug that occurred when decoding an image from a stream (FileRoxyFilemanService)
- #6254 Fixed bug with using an incorrect result of GetFinalPrice method
- #6260 Added support of environment specific appsettings.json files
- #6295 Fixed ACL copying when copying a product
- #6300 Cancel adding products to the cart if at least one of the required products has failed validation
- #6306 PayPalCommerce plugin. Fixed bug when voiding an order
- #6310 PayPalCommerce plugin. Fixed bug with currencies that do not support decimals
- #6314 Fix bug with ignoring store mappings for languages in the sitemap
- #6327 Added filtering by vendor for the Sales summary report
- #5939 Added some permission checks for the Sales summary report
- #6334 Fixed problem with possible null reference exception during getting shipment tracker
- #6338 Added missed Distinct methods
- #6344 Fixed checkout attributes formatting in current language
- #5027 Fixed PDF generating for right-to-left languages
- Fixed problem with FilterableSpecificationAttributeOptionsPrefix cache key prefix
- #6397 Fixed case of image URLs in BBEditor
- #6393 Customer Phone Number Validation Issue fix for when Phone Number Not Required
- #6403 Added missed vendor access check to order invoice
- #6404 Rejection of List<T>.ForEach due to its incorrect work with Async methods
- #6429 Fixed currency in gift card notification
- #6349 Fixed number of Sitemap.xml elements
- #6443 Fixed an incorrect adding of script for pictures
- #6456 Fixed problem with selecting two language at the same time in robots.txt
- #6460 Fixed redirect error when site navigation for guests is disabled
- #6462 Fixed incorrect calculation of tier price and attribute price adjustment
- #6451 Fixed incorrect price range filter when selected price is the most minimal

