

nopCommerce 4.90.0 changelog

Packed with the largest collection of enterprise-grade features ever introduced in a single version, this release empowers companies to scale faster, automate smarter, and deliver a world-class shopping experience. From AI-driven content and SEO tools to advanced B2B workflows, enhanced personalization, and industry-specific modules, nopCommerce 4.90 sets a new standard for what an open-source eCommerce platform can achieve at the enterprise level.

Please note that nopCommerce 4.90 requires Visual Studio 2022 (v17.12.0) or above, .NET 9 SDK (9.0.100) ([download](#)), and ASP.NET Core Runtime (v9.0.0) - Windows Hosting Bundle ([download](#)). You can download .NET 9 SDK and ASP.NET Core Runtime 9.0.0 for other operating systems (e.g. Linux, macOS, Windows) and families of processors (e.g. Arm64, x64, x86) [here](#).

Highlight and Enterprise features:

- #7730 Automatic generation of product descriptions (AI)
- #7732 Automated SEO optimization with AI tools
- #7388 Automated translation of content in multiple languages
- #279 "Request for quote" and "Quote" support
- #7390 Mega menu
- #7411 Automotive. YMM (Year-Make-Model)
- #7643 Comply with "European Accessibility Act (EAA)"
- #1921 Multiple wishlists
- #6874 Multiple newsletter lists
- #6226 Cloudflare Images (image hosting)

Improvements:

- #7387 Products with "Minimum age to purchase"
- #1266 Include filters in Order History Page (public store)
- #7384 Allow customers to cancel orders (unpaid)
- #5345 Add availability period (start/end dates) to topics
- #5199 Use Markdown instead of BBCode on forums
- #7397 Replace TinyMCE with Summernote (rich editor)
- #5279 Search by product tags
- #4170 Copy campaigns
- #6407 Add new ActivityLogType for changing password
- #1779 Failed login attempts (activity type and notifications)
- #776 Store sample data in JSON (installation)
- #7685 Add a way to add sample data in plugins during a new installation
- #7588 Render "Orders", "Activity Log", and "Impersonation" blocks on the customer edit page based on the associated permission (#7589)
- #873 Add SEO settings for product tags
- #7779 robots.txt should disallow "returnurl" parameter ignoring case
- #3425 Add OrderCompleted.StoreOwnerNotification message template
- #7807 Improved accessibility for all frontend pages
- #7739 Maintenance page. Allow to delete image thumbs

- #2921 Maintenance page. Add "shrink database" functionality
- #7571 Add ReCaptcha setting for the "Check Gift Card Balance" page
- #7742 Online customers page. Allow to filter by customer roles
- #1892 Admin area. Use dropdownlists with search support
- #5818 Auto-rotate pictures and thumbnails
- #7711 PayPal Commerce plugin. Add notes to orders when payment is declined
- #7350 PayPal Commerce plugin. Preparing for recurring payments
- #2192 Requeue multiple emails from the QueuedEmail List page
- #1426 Added recommendation to update a store to the latest version
- #7545 Allow to search by "Name" on the specification attribute page (admin area)
- #7746 Add JS method to show bar notifications in the admin area
- #7625 Checkout Addresses. Prefill country based on customer profile
- #7694 Corrected spelling of "email" locales
- #7772 SEO. Discussion forum structured data (DiscussionForumPosting)
- #7748 SEO. Forum pages. Specify canonical URL
- #7747 SEO. Forum topic page. Specify meta description from the first post
- #7573 Improve permission edit popup
- #7629 Add "layout" property to DataTablesModel
- #7515 Allow to search by "Name" on the product attribute page (admin area)
- #5652 Display a database collation on the admin system information page
- #820 Allow to display currency chars in "currency" dropdownlist
- #7477 Replace QuestPDF with PdfRpt.Core
- #7405 Add the ability for Categories to do Import/Export of LimitedToStores
- #7549 Add %Customer.Company% to customer tokens (message templates)
- #7495 Don't display the "Purchased with orders" block (the product edit page) when the current user does not have a "View orders" permission (#7581)
- #7593 Render "Usage History" block on the gift card edit page based on the associated permission (#7595)
- #7803 Move Amazon plugin to marketplace
- #7580 Don't display the "Shipment List" block (Order edit page) when the current user does not have a "View Shipments" permission (#7585)
- #5771 Product tags. Allow a store owner to see products associated with a product tag (admin area)
- #7569 Drop the "PluginStaticFileExtensionsBlacklist" setting
- #7749 Default language name should be "English" (not "EN") after installation
- #7373 Provide Time-out for Bar Notifications from Back-End
- #7467 Null customer email when you have Guest checkout enabled
- #7498 Rename hints (admin area)
- #7398 Replace Shepherd.js with driver.js (product tours)
- #2184 Allow to limit the number of pictures per product for vendors
- #6590 Make content-header sticky in admin layout (configurable)
- #7562 Add provinces of Thailand
- #7073 Add Location field for the order CustomValues

Refactoring:

- #7873 Consistent plugin logo sizes
- #5182 Updated language files for the installation page
- #7871 The AsyncIQueryableExtensions.ToPagedListAsync method should not execute a query if there is no data for it
- #7392 Migrate ProductReview infrastructure to a dedicated service

- #7818 Renamed NopUrlHelper into NopUrl and added obsolete for methods from UrlHelperExtensions
- #5720 New changes on "Added the partial modifier to record and class"
- #7818 Remove UrlHelperExtensions
- #7858 Simplify the definition of empty classes
- #7849 Make a base class for Result classes such as VoidPaymentResult
- #7850 The PartialView class is in the wrong namespace
- #7852 GetCustomerRoleBySystemNameAsync in PermissionService and CustomerService
- #7843 Improved the process of switching MFA providers when forcing activation for all users
- #7840 Ensure all service methods are marked as virtual
- License terms accept
- #7809 Added the ability to apply database collation to columns (MySQL)
- #7819 Using a HashSet instead of a List in the GetCategoryBreadcrumbAsync method
- #7830 Docker. Remove entrypoint and make it possible to do cross platform build
- #5261 Allow a store owner to edit the robots.txt file in admin area. Use ISettingsModel for model
- #7802 Moved standard route names into a static class as const fields
- #7799 Add a new method with URL generation for the specified route name
- #7806 Add new method with URL generation for ISlugSupported entities
- #7798 Added new IStoreMappingService.SaveStoreMappingsAsync
- #7729 Rename AllowSVGUploads to AllowSvgUploads
- #7659 Fix popup notification setting usage
- #7787 Property MessageTokensAddedEvent.Tokens does not require a typed parameter U
- #7786 Property EntityTokensAddedEvent.Tokens does not require a typed parameter U
- #7783 Method EventPublisherExtensions.EntityTokensAddedAsync does not require a typed parameter U
- #7784 The MessageTokenProvider.GetListOfAllowedTokensAsync can lead to a null reference exception
- #7782 The MessageTokenProvider.GetListOfAllowedTokensAsync should not accept IEnumerable
- #7785 Method EventPublisherExtensions.MessageTokensAddedAsync does not require a typed parameter U
- #7789 Use ISO 8601 with timezone for DateTime properties in the JsonLd models
- #7775 Overly broad robots.txt language disallow rule (/ {languageCode} *)
- #7757 Make a single method for publishing ModelPreparedEvent events
- #7738 Split ShippingService to Frontend Workflow and Backend Admin
- #7759 Delete unused NopRazorPage class
- #7761 Delete empty region
- #7760 Replaced \$.bind with \$.on
- #7696 Move logic from StartEngineAsync to new AppStartedEvent consumer
- #7676 Performance: Add indexes to improve Product Search & Best Sellers Report
- #7721 Optimize entity deletions in multiple methods by batching operations into single transactions
- #7718 We moved the PluginUpdatedEvent trigger to the very end of the POST method — after:
- Typo (hyperlink) fixed
- #7379 Added a way to use a new order GUID when setting payment request
- #7687 Add an event invoked when the application starts

- #7584 Avalara tax plugin. Don't try to create a transaction if address is incomplete
- #7379 Avoid using sessions for storing ProcessPaymentRequest
- #7630 UK VAT check. Update hmrc.gov.uk API to version 2 (the previous one is depreciated)
- #7651 ImageResize method of PictureService use obsolete SKBitmap.Resize method
- #7667 ResizeImage method of RoxyFilemanFileProvider use obsolete SKBitmap.ScalePixels method
- #7653 removed the unused language parameter (#7655)
- #7660 Remove unnecessary duplicate code
- #5182 Updated language files for the installation page
- #7582 GetProductCount and SearchProducts results don't match for same product tag when showHidden
- #7649 Brevo plugin. BrevoManager.SetPartnerAsync Method should use ILogger.ErrorAsync call
- #7652 Simplify mouse event handling for cart flyout
- #7648 CustomerSearchModel.AvatarEnabled has internal property access
- #7575 Add "GuestCustomer" property "CustomerLoggedInEvent"
- #7528 Remove Prefixes property from CacheKey class
- #7613 Fix error with non-ASCII character on local redirect
- #7608 Optimize the configuration of the migration runner
- #6966 Use ReExecuteFeature to return 404 status code without redirect
- #7606 Remove unused properties and classes
- #7598 Refactoring of TransformAsync method from SlugRouteTransformer class (#7605)
- #7557 Typo fix (comments)
- #7596 Remove duplicate service injections from views
- #7602 Rename event files to match class names
- Change case of returnUrl parameter in authentication scheme
- #7422 Add new PostCopyProductEvent event
- #1020 Add boolean "StopProcessing" property to events
- #7597 Optimize code on ProductAttributeService class (#7583)
- #7591 Fix: correct index existence check for database migration in v4.9.0
- #7429 Add bulk insert activity methods into ICustomerActivityService
- #7577 Optimize Product Tag Mappings Deletion in ProductTagService (#7554)
- #7576 Refactor ClearDiscountProductMappingAsync to remove unnecessary join and optimize query (#7560)
- #7565 Rename AdminMenu.GetItemBySystem to AdminMenu.GetItemBySystemName (#7566)
- #7559 Delete "cacheable copy" comment from LanguageService class (#7567)
- #7440 Avoid using services during installation
- #7480 Update PictureService.cs - NullReferenceException remedy
- #7547 Optimize Get All Language Query by Applying Store Mapping at Database Level
- #7469 Move GenerateOrderGuidAsync method from IPaymentService to IOrderProcessingService
- #7537 Optimize GetAssociatedProductsAsync to Apply ACL & Store Mapping at Query Level
- #7504 Removing a redundant repository call from GetSetting and GetSettingAsync methods
- #7538 Apply store mapping constraints at the database query level for message template retrieval

- #7542 Refactored the ImportResourcesFromXmlAsync method to use ToDictionaryAsync (#7527)
- #7541 Refactor IsEntityAclMappingExistAsync for Async Query Execution (#7512)
- #7540 Optimize Async Query Handling in IsEntityMappingExistsAsync (#7511)
- #7507 Use ToListAsync in the GetProductManufacturersByProductIdAsync method
- #7376 Fixed ExportManagerTests tests class
- #7537 Optimize GetAssociatedProductsAsync by applying ACL and store mapping constraints at the query level to improve efficiency and reduce in-memory filtering
- #7439 Simplify IInstallationService interface
- #7376 Export/import. Refactoring of PropertyManager and PropertyByName classes
- #7526 IsCustomerShoppingCartEmpty method in ShoppingCartService with async database query execution
- #7505 Enhance Inventory Reservation with Asynchronous Query
- #7533 Optimize Reward Points Queries with Asynchronous Execution (#7509)
- #7532 Refactor ProductCategory and ProductManufacturer Search with LINQ for Improved Code Readability
- #7530 Use async KeyDeleteAsync in RemoveByPrefixAsync (#7525)
- #7522 #7513 Code cleanup
- Added Dynamics 365 promo plugin
- #405 Added more unit tests
- #196 Update datatables.net library to 2.3.4
- #196 Update fortawesome library to 7.0.1
- #196 Update chart.js library to 4.5.0
- #196 Update OverlayScrollbars library to 2.11.1
- #196 Update marked library to 16.3.0
- #196 Update Magnific Popup library to 1.2.0
- #196 Update JsRender library to 1.0.16
- #196 Update FilePond library to 4.32.9
- #196 Update driver.js library to 1.3.6
- #7484 Update AzureBlobConfig.cs to fix a typo
- #7484 Update ReaderWriteLockDisposable.cs to fix typo
- #7484 Update IShortTermCacheManager.cs to fix typo
- #7484 Update MsSqlDataProvider.cs to fix a typo
- #196 Update LigerShark.WebOptimizer.Core package version to 3.0.477
- #196 Update FluentAssertions package version to 7.2.0
- Change timeout
- #196 Update HarfBuzzSharp.NativeAssets.Linux package version to 8.3.1.1
- #196 Update Microsoft.AspNetCore.Authentication.Facebook package version to 9.0.9
- #196 Update ClosedXML package version to 0.105.0
- #196 Update MailKit package version to 4.13.0
- #196 Update NUnit3TestAdapter package version to 5.1.0
- #196 Update NUnit package version to 4.4.0
- #196 Update Microsoft.NET.Test.Sdk package version to 17.14.1
- #196 Update System.Configuration.ConfigurationManager package version to 9.0.9
- #196 Update MaxMind.GeoIP2 package version to 5.3.0
- #196 Update Markdig package version to 0.42.0
- #196 Update Microsoft.Extensions.Caching.StackExchangeRedis package version to 9.0.9
- #196 Update Microsoft.Extensions.Caching.SqlServer package version to 9.0.9
- #196 Update Microsoft.Data.Sqlite package version to 9.0.9

- #196 Update Microsoft.AspNetCore.Mvc.Razor.RuntimeCompilation package version to 9.0.9
- #196 Update Microsoft.AspNetCore.Mvc.NewtonsoftJson package version to 9.0.9
- #196 Update Svg.Skia package version to 3.0.6
- #196 Update System.Linq.Dynamic.Core to version 1.6.7
- #196 Update System.Linq.Async package version to 6.0.3
- #196 Update Google.Apis.Auth package version to 1.70.0
- #196 Update Azure.Identity package version to 1.16.0
- #196 Update PdfRpt.Core package version to 1.5.16
- #196 Update SkiaSharp packages to version 3.119.0
- #196 Update System.ServiceModel.Http package version 8.1.2
- #196 Update WebMarkupMin packages to version 2.19.0
- #196 Update AutoMapper to 14.0.0
- Update .editorconfig

Bugs:

- All bug fixes from minor versions of nopCommerce 4.80.X
- #7876 Multi-Factor authentication. Users cannot log in when "Public store. Allow navigation" for guests is disabled.
- #7862 Admin area. There is no way to make the base menu item invisible
- #7839 Review type caching issue when review type is deleted
- #7796 MySQL Container Fails: Identifier name too long
- #7697 RedisSynchronizedMemory - Clear cache and Remove by prefix doesn't delete all servers data