

Sitecore Experience Commerce 10.3 Release Notes

December 2, 2022 – Released Sitecore Experience Commerce 10.3.

June 12, 2023 – added a known issue to this document (ref: 587933)

Sitecore Experience Commerce 10.3 is a maintenance release comprising bug fixes and providing compatibility with Sitecore Experience Platform and dependent third parties.

Improvements

Area	Improvements	ID
Compatibility	Compatible with the Sitecore 10.3 stack: SXP 10.3 SXA 10.3 PowerShell Extensions 6.4 Sitecore Identity 7.0 Sitecore.ContentSearch.SolrProvider 10.1	
Compatibility	Added compatibility to latest third party software versions: Windows Server 2022 Windows 11 Visual Studio 2022 .NET 6.0 Application Insights 2.20 Solr 8.11.2 Braintree payment provider .NET Library 5 Knockout library 3.5.0 IdentityModel 3.10.10	

Resolved Issues

Area	Resolved Issues	ID
Indexing	Resolved an intermittent issue where Solr indexing can fail in certain situations, if <code>GetSolrIndexOperations()</code> is called before indexes are properly initialized. This fix was also delivered as a hotfix for XC 10.0.	528940
Indexing	Resolved an issue where a solr server error or connection loss does not correctly result in the <code>Sitecore.Commerce.Plugin.Search.FullIndexMinion</code> stopping its processing, which results in no data being indexed and a failure to search correctly. This fix was also delivered as a hotfix for XC 10.0.	552849

Area	Resolved Issues	ID
Indexing	Resolved an issue where Sitecore master indexing and switch-on-rebuild processing would continue even when an error occurred in commerce catalog indexing, which resulted in search for catalog items being unusable. This fix was also delivered as a hotfix for XC 10.0.	556894
Promotions	Resolved a cart calculation issue in a scenario where after a product had been removed from the cart, a free gift promotion was not correctly removed. This fix was also delivered as a hotfix for XC 10.0.	554021
Inventory	Resolved an invalid operation exception when running a <code>GetBulkStockInformation</code> request on a product ID that does not exist in the database. This fix was also delivered as hotfixes for XC 10.1 and XC 10.2.	501030
Import/Export	Resolved an issue where the re-import of an exported catalog did not correctly associate categories to the catalog. The issue was that obsolete versioning code was interfering, after having removed the versioning of catalog relationships in a previous release.	557187
Performance	Allowed the <code>ValidateShopBlock</code> to have for more than one shop on the global context, so that lookups do not need to continually make calls to fetch the entity.	560451
Deployment	Moved the storage location of language files, to make it easier for developers to handle their own custom language files across an upgrade. Moved the language files from <code>engine.connect.items.master/web.dat</code> to new separate item resource files: <code>\Content\Website\sitecore modules\items\master\engine.connect.languages.items.master.dat</code> <code>\Content\Website\sitecore modules\items\web\engine.connect.languages.items.web.dat</code> In the scenario where developers have their own custom language files stored in the same location as the Sitecore default files but have different Sitecore IDs, this change allows developers to remove or delete the default files during an upgrade. This fix was also delivered as a hotfix for XC 10.2.	507436
Deployment	Corrected a deployment issue causing Sitecore's Workbox to function incorrectly. The problem was that XC's <code>CatalogProvider</code> was patched in to the <code>Sitecore.Commerce.Engine.DataProvider.config</code> file ahead of Sitecore's default Data Provider, which resulted in Workbox trying to reference the Catalog Provider instead of its own default Data Provider and not being able to find the expected items. This fix was also delivered as a hotfix for XC 10.1.	513305

Known Issues

Area	Known Issues	ID
Publishing a single content item	A specific scenario of publishing is unnecessarily slow. Scenario: Publish Item, Smart publish, Publish Subitems enabled. Starting in 10.3 this combination of publish settings can trigger the item's descendants to be accessed as part of its evaluation process, which can unnecessarily access	587933

Area	Known Issues	ID
	<p>descendant catalog items and make calls to the Commerce Engine (even though there are no deltas to publish).</p> <p>To resolve this specific scenario, a developer could implement an override (in various ways) that prevents the catalog tree from being walked.</p> <p>Note that the Publish Site (full publish) scenario is not impacted by this issue.</p>	
Sample BrainTree payment provider plugin	<p>Using the sample XC Storefront website, an error occurs in a scenario where the user is re-validating a payment. For example, proceed through the checkout process including the validate payment step; then go back and add another product to the cart and repeat the checkout process. The result is the sample BrainTree plugin fails. To resolve, ensure your implementation of a BrainTree payment integration uses supported BrainTree UI js code.</p>	539676

Removed and Obsoleted Code

Area	Removed or Deprecated	ID
	[none]	

Breaking Changes

Area	Breaking Changes	ID
Compatibility	.NET Core 3.1 replaced by .NET 6	
Compatibility	A minor policy change, associated with Solr upgrade to Solr 8.11.2	
<p>Note: the Commerce database schema has not changed in XC10.3, so no database upgrade from 10.2 to 10.3 is required.</p>		