



Release Notes - Active Commerce 3.1 Update-1

This is a product update release, focused primarily on fixes and performance improvements.

Important Changes

- Active Commerce has discovered a bug in the SES 2.1 VisitorShopResolvingProcessor, which results in a significant memory leak if shop-specific containers have been initialized by the ConfigureShopContainers processor. We do not recommend utilizing the ConfigureShopContainers processor, which enables site-specific Unity registrations, at this time. This issue has been fixed in SES 2.2, which will be supported in the next release of Active Commerce. See [AC-514] below for corresponding fix.

Upgrading from Active Commerce 3.1

Active Commerce 3.1 Update-1 can be installed over an existing 3.1 instance. The following steps should be taken before doing so:

- It is recommended that you upgrade to [Sitecore 7.1. Update-2](#) (rev 140324). Given the number of bug fixes and other improvements in Update-2, this is the recommended Sitecore version for Active Commerce 3.1 Update-1.
- Always backup your filesystem and databases before upgrading.
- Ensure any configuration adjustments have been applied using configuration patches, rather than edits directly to Active Commerce provided configuration files.
- In your web.config, add to <system.web> section (after last node):

```
<outputCache>
  <outputCacheSettings>
    <outputCacheProfiles>
      <add name="AC/Catalog/GetProductForCategory" enabled="true"
        duration="86400" varyByParam="*" varyByHeader="host"
        location="Any" />
      <add name="AC/Utility/Countries" enabled="true"
        duration="86400" varyByParam="none" varyByHeader="host"
        location="Any" />
      <add name="AC/Utility/States" enabled="true"
        duration="86400" varyByParam="id" varyByHeader="host"
        location="Any" />
    </outputCacheProfiles>
  </outputCacheSettings>
</outputCache>
```

```
</outputCacheProfiles>
</outputCacheSettings>
</caching>
```

Upgrading from Active Commerce 3.0

Active Commerce 3.1 Update-1 can be installed over an existing 3.0 instance. Follow the previous *Upgrading from Active Commerce 3.1* steps, with the addition of the following steps:

- Before installing Active Commerce 3.1 Update-1, you should delete the entire “skins” folder. Following installation, you can reinstall any custom skins to the folder.
- If you have an existing site structure created on 3.0, you should create a new Active Commerce website, and use the <site>/Home/shop item tree (display name *Active Commerce*) to replace the same within your existing site. The structure of the shopping cart and checkout pages has changed significantly. You will then need to adjust links on the following items:
 - <site>/Site Settings/General
 - <site>/Home/shop/checkout/Components/Credit Card Payment

Improvements

- [AC-522] - Improved performance of listing and filtering products.
- [AC-532] - Product list filter results are now cached. The cache settings are defined using an outputcache profile (*AC/Catalog/GetProductForCategory*). See upgrade instructions for related web.config change.
- [AC-520] - A “Display stock in product lists” setting has been added to general settings. Disabling this (default) increases performance on product lists, particularly in staged environments.
- [AC-521] - Default Product and Product Code cache sizes were increased.
- [AC-481] - A “Run Now” ribbon button is now enabled on Extended Schedule items by default. This allows manual triggering of scheduled tasks.
- [AC-541] - During place order on checkout, don’t emit “order-failure” event until after dialog is displayed. This allows responding to the event in new ways (e.g. reloading page) while still allowing the message to be read.

Issues Resolved

- [AC-537] - On product detail page, main image would “jump” when clicking among gallery thumbnails.
- [AC-536] - Sitecore7SearchProvider field search would fail if using a Guid value which is missing braces *[via custom code only]*.
- [AC-535] - In certain scenarios, the URL to use for rendering the templated email body was constructed incorrectly (double hostname), and the send email would fail.

- [AC-530] - It was possible for CheckoutController/AppControllerBase to set an invalid HTTP response status message (e.g. newline character) causing undesirable results (TCP connection forcibly closed) *[via custom code only]*.
- [AC-529] - Entity providers would return items with no versions.
- [AC-528] - Product-specific promo action wouldn't work for variable products.
- [AC-526] - Price sorting high-to-low didn't work correctly.
- [AC-525] - Price sorting didn't consider variants, only the variable (parent) product.
- [AC-524] - If a configured filter field's value is empty for a product, the empty value would show up as "00000000000000000000000000000000" in the product filter.
- [AC-513] - Add/remove/update quantity of cart line items didn't force re-evaluation of selected shipping provider.
- [AC-514] - Removal of SES ConfigureShopContainers processor in xActiveCommerce.config to prevent memory leak (*see Important Changes section above for explanation*).
- [AC-511] - On My Account - Address tab, country changes were not updating states.
- [AC-510] - In certain race conditions in load-balanced web farms, the in-session customer and membership user could become out of synch, and user data could be written to the Anonymous user.
- [AC-509] - ShopContextSwitcher did not retain changed database.
- [AC-507] - Product Compare didn't work for multi-valued fields.
- [AC-505] - Billing/Shipping info was not populated during checkout directly after new account creation.
- [AC-504] - Stock decrementing could use an incorrect, cached, stock value.
- [AC-503] - Users were unable to clear previously-entered Address 2 value during checkout.
- [AC-502] - Fixed "customerid" typo in xActiveCommerce.ContentSearch.config.
- [AC-488] - Google Analytics Ecommerce call wouldn't work for products with quotes in the title.