

Magento Enterprise Edition (EE) Release Notes (1.14 and later)

Contents

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Important Upgrade Information



Important: Use EE 1.14.1.0 or later for all new EE installations and upgrades to get the latest fixes, features, and security updates.

Magento EE 1.14.2.0 Release Notes

See the following sections for information about changes in this release:

- [Highlights](#)
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Highlights

Magento Enterprise Edition 1.14.2 and new ecosystem partnerships empower merchants to further accelerate their sales growth by providing them with automated tools to optimize their product category merchandising to feature best-selling and high margin products; unprecedented insight into their business through an integration with Google Tag Manager; and the ability to expand their mobile coverage and build brand loyalty by making it easier to create iOS Magento applications.

Visual Merchandizer

Five new automated product category sorting rules give merchants even more power to drive customer engagement and incremental sales from category pages. Selecting a sorting rule enables merchants to completely re-arrange a category page to feature best sellers, highest-margin products, lowest-stock items, or the newest products at the top of the category. Merchants can also sort products by color within a category to easily implement color groupings

or seasonal campaigns. As products are added, removed, or changed, the category sorting rules continue to make adjustments, so the merchandising strategy is maintained without requiring any intervention from the merchant.

Google Tag Manager

Magento Enterprise Edition 1.14.2 now comes with Google Tag Manager built in so merchants can easily add tracking tags to a Magento site for audience measurement, personalization, retargeting, and search engine marketing without modifying code. Using Google Tag Manager can enable faster time to market for new marketing campaigns because marketers can add tags on their own, without waiting for IT. It can also enable more accurate data collection, which supports stronger campaigns and better marketing results. Another benefit is that Google Tag Manager can directly transfer data and events to Google Analytics Enhanced Ecommerce and other 3rd party analytics solutions, giving merchants a clearer picture of how well their site, products, and promotions are working.

Technology Updates

Magento Enterprise Edition 1.14.2 includes the latest versions of the Zend 1 Framework and Redis integration, as well as refinements to full-page caching that enable more pages to be served from cache. Additionally, this release includes many enhancements as part of our commitment to continually improve product quality and to integrate previous patches into the core code.

Magento Mobile Software Development Kit (SDK)

The SDK for Enterprise Edition customers. The Magento Mobile SDK enables merchants to more easily create a full-featured Magento app that includes all the important ecommerce features you'd expect, such as the checkout process, customer accounts, promotions, and store credits, as well as an API for connecting the app to a Magento store.

For more information, see [Magento MobileConnect Update](#)

Magento Automated Testing Framework

Magento Enterprise Edition 1.14.2 includes nearly 170 automated functional tests, which can help improve implementation quality and time to market by making it easier to do basic acceptance testing when adding extensions, making customizations, or upgrading.

Security Enhancements

We resolved the following security issues

- [Resolved a Cross-Site Scripting \(XSS\)](#) exploit that used `CACHED_FRONT_FORM_KEY`.
- Resolved potential exploits related to data deserialization.
Magento thanks security researcher Matthew Berry for contributing to this fix.
- Passwords in the Magento Admin Panel now expire at the specified time.
(Access the configuration setting at **System > Configuration > ADVANCED > Admin > Security.**)
- Resolved potential JavaScript injection exploits with the wishlist.
- Resolved potential remote code execution exploits.
Magento thanks [Netanel Rubin](#) for contributing to this fix.
- All pages served using the HTTPS protocol now POST using HTTPS.
- Resolved potential SQL injection vulnerabilities related to advanced search.
- Resolved a PHP bug in `libxml` that could cause the site to crash.
- Added `.htaccess` to the `shell` subdirectory.
Magento thanks Phillip Jackson for contributing to this fix.
- The default access for access control list (ACL) nodes for which there is no value is now DENY by default.
- Resolved a potential XSS exploit using JavaScript in the Visual Merchandizer window.

Performance Enhancements

- Magento thanks Thomas Birke for contributing [several performance enhancements](#) and Ivan Chepurty for inspiration.
- Addressed performance degradation with downloadable products.

Magento MobileConnect Update

Magento is adding a new mobile software development kit (SDK) to create custom iOS applications, giving Magento Enterprise Edition merchants yet another tool to grow their mobile sales and build brand affinity and loyalty.

With 199.5 million US mobile app users expected by the end of 2015, mobile shopping and lifestyle app usage soaring 174% in 2014, and a dedicated 22% of shoppers who prefer to use mobile apps, adding a mobile app channel can play a critical role in capturing greater mobile sales.

The Magento Mobile SDK provides a full library of resources that helps significantly reduce development effort and time to market when creating iOS applications for the Magento platform. With full access to the source code, merchants are also empowered to make enhancements and customizations as needed.

The mobile SDK includes a Native iOS library for implementing Magento features in the app, such as the checkout process, customer accounts, promotions, and store credits, as well as an API for connecting the app to a Magento store.

A sample, fully functioning iOS app is provided to help merchants quickly learn how to use the SDK, and they can even choose to customize the sample app to accelerate development.

The Magento Mobile SDK works with Magento Enterprise Edition 1.11 or later, Magento Mobile Connect v.24, and iOS 7 and later.

To get the updated extension, go to <https://www.magentocommerce.com/products/downloads/magento/>.



Note: You must use Magento Mobile Connect v.24. Version 23 is packaged with EE 1.14.2 and it will not function properly.

Known Issue

Products from the shopping cart display in the related products block when full page caching is enabled.

Changes

We introduced the following changes in this release:

- We added additional sort options to the Visual Merchandizer.
For more information, see the [Magento User Guide](#).
- We updated the Zend framework version to 1.12.10.
- Customer created dates and customer address created dates are now correct.



Note: Any customers created before you upgrade to EE 1.14.2 are unaffected; only customers and addresses created *after* you upgrade show the correct dates.

- You can now download products over HTTPS.
- Magento now supports IPv6 addressing.
- Cron jobs now execute at the time they're scheduled, not at in the order in which they were created.
- Fixed a fatal error when you provide more values for a constant value condition for product relation rule; for example, a category has a constant value like 4.



Note: If you have product relation rules like this already, you must delete and re-create them.

Fixes

The following sections discuss fixes in this release:

- [Admin Panel Fixes](#)
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- [Payment Processor Fix](#)
- [Import and Export Fixes](#)
- [Visual Merchandizer Fixes](#)
- [Full Page Caching Issues](#)
- [Solr Search Engine Fix](#)
- [Rule-Based Product Relation Fixes](#)
- [Catalog Price Rule Fixes](#)
- [Translation Fixes](#)
- [Shopping Cart and Checkout Fixes](#)
- [API Fixes](#)
- [Responsive Theme Fix](#)
- [Other Fixes](#)

Admin Panel Fixes

- The **Updated at** value for all indexers now displays the correct date and time.
- The **Fetch** button now works properly for the Authorize.Net/Direct Post payment method.
- JavaScript errors no longer display after you create an order and perform a return in the Admin Panel.
- You can now add widgets to CMS pages.
- Newly created ACL resources are now enabled.
- The CMS preview page uses the configured theme.
- You can now view orders in the Admin Panel without errors.
- You can now use the % character in an order comment; before this fix, the comment did not display.
- CMS pages that use the Generic Content layout display normally.
- Deleting large numbers of products in the Admin Panel no longer results in SQLSTATE errors.
- The Bestseller dashboard displays the correct prices.
- Duplicate attribute sets no longer display if they are several pages long.
- Saving a customer in the Admin Panel no longer results in errors.
- You can save a price using a comma as the separator.
- Resolved an issue with reindexing flat category data.
- Scheduled reindexing does not affect the value of store scope.
- Disabled products no longer display in the flat category table.
- Resolved issues with uploading images using the WYSIWYG editor.
- Resolved issues with filtering customer attribute groups.
- Added validation to make sure the special price is not greater than the actual price.
- Corrected the profit calculation used in the Sales Ordered Report.
- Thumbnails now display in the WYSIWYG editor.
- Resolved issues with the way Magento handles error codes from FedEx.
- The RMA header now prints properly.
- **Search** product visibility now works as expected.
- Alerts are now sent for configurable products.
- Returns now refund money to a gift card used to make the purchase after the order is edited in the Admin Panel.
- Enabling compilation now allows a customer to register with a site and check out.

Payment Processor Fix

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- The **Fetch** button now works properly for the Authorize.Net/Direct Post payment method.

Import and Export Fixes

- Dataflow now exports products where images are *not* used as media attributes.
- Importing and exporting postal codes set to * (asterisk, wildcard character) now works as expected.
- Custom options are preserved on import.
- Importing a product no longer changes its visibility setting.

Visual Merchandizer Fixes

- When you add or remove products in the Visual Merchandizer window using a mass product assignment, the SKU dialog box displays regardless of whether SKUs were added or not.
- The down arrow button and attribute labels are now visible when moving a search product into the Visual Merchandizer window.
- Products are not cleared with a smart rule defined when you enable **System > Configuration > Catalog > Visual Merchandiser, Rebuild Category Products for Smart Categories** or using the Visual Merchandizer cron job.
- You can configure a maximum of seven columns in the Visual Merchandizer window. (Validation was added.)
Configure this option in the Admin Panel at **System > Configuration > Catalog > Catalog > Visual Merchandiser Options, Set Column Count**.

Full Page Caching Issues

- Subcategory ordering changes made in the Magento Admin are now reflected on the storefront.
- Users with different tax rates now see their own tax rates and not the rates for a previously cached user.
- A disabled product no longer displays on a previously cached category page.
- The blocks cache now works when full page caching is enabled.
- The XmlConnect module now works properly when full page caching is enabled.
- Full page caching now works consistently for all themes, including the responsive theme.
- Resolved several issues related to full page cache invalidation related to saving products.
- A product with 0 price no longer displays in the related products block after the block has been disabled.
- When the indexing mode is set to **Update when scheduled**, the cache flushes properly.
- Resolved an issue with the gift cards price block after flushing the cache.

Solr Search Engine Fix

- Suggestions for search results no longer display if the option is disabled.
(**System > Configuration > CATALOG > Catalog > Search Catalog, Show Results Count for Each Suggestion** set to **No**.)

Rule-Based Product Relation Fixes

- Resolved an issue with a rule-based relation not displaying related products in the storefront.
- Saving a rule-based product relation now prompts the administrator to flush the Magento cache.

Catalog Price Rule Fixes

- Resolved a performance issue related to catalog price rules with a large number of configured quotes.

Translation Fixes

- Implemented proper escaping for translations.
- You can now use international characters in a Magento storefront domain name.
Magento thanks Yihao Peng for contributing to this fix.

- Resolved issues with inline translation links and the Chrome browser.
- Fixed a typo in the Austrian province Vorarlberg.
- Fixed missing translation for a shipping method error message.
- Chinese locales now display in the **Interface Locale** list.

Shopping Cart and Checkout Fixes

- Resolved JavaScript errors with one-page checkout (for example, issues with reward points).
- Customers can edit custom options in a shopping cart without issues.
- Customers can move an unconfigured item from the wishlist to the shopping cart without errors.
- Removing the printed gift card option during checkout now adjusts the order total.
- The region list on the checkout page now displays regions in alphabetical order.
- A message displays as soon as you add an item to your shopping cart.

API Fixes

- The SOAP API now properly populates the `min_sale_qty` field.
- REST call to `Mage_Sales_Model_Order` no longer results in errors.
- The **form_key** field now displays on the OAuth login page.
- Creating a partial invoice using SOAP V2 `salesOrderInvoiceCreate` no longer changes the value of `$itemsQty` of subsequent orders.
- Added fields to the SOAP API `CategoryInfo` method: `Include_in_menu`, `UseParentSettings`, and `ApplyToProducts`.
- The SOAP WSDL URL (`/api/v2_soap?wsdl`) no longer displays the Admin Panel, which is unreachable by SOAP.

Responsive Theme Fix

- Fixed a display issue with the **Zip/Postal Code** field.

Other Fixes

- Removed extraneous fields from Google Universal Analytics settings.
You can access these settings in the Admin Panel at **System > Configuration > SALES > Google API**, option **Google Analytics Enhanced Ecommerce** section.
- Recently Viewed items display on the storefront.
- You can now load small web format (SWF) files from a content delivery network (CDN)
Magento thanks Sean N. Heukels for contributing to this fix.
- A customer's middle name or initial now displays in both the Admin Panel and the storefront.
- One error saving a product no longer causes errors in all other products you attempt to save.
- The correct date now displays in reports configured to run for a period of a month or a year.
- Scheduled index cleanup no longer results in errors.
- Opening a staging website no longer results in errors.
- Password reset e-mails now enable customers to reset the password for the correct store view.
- Administrators no longer must enter a postal code if the customer's locale does not require one.
- Errors no longer display when reindexing data if there are duplicate values for multi-select attribute values.
- Resolved an issue that caused the `core_cache_tags` database table to grow in size.
- The customer segment option **Customer Created At** now creates a from and to date.
- Reindexing from the command line no longer results in errors in `system.log`.
- You can change the price of a product using the website scope without errors.
- Resolved an issue where [Cross-Site Request Forgery \(CSRF\)](#) protection caused issues with Varnish caching.

- The correct content now displays in the storefront when the store cookie is set.
- Configurable swatch images no longer change size when you click on them in search results.
- Printed invoices display the correct price for bundled products.
- When a customer logs in to the storefront, their customer account page displays instead of the last page visited.
- Enhanced address validation.
- You can now install extensions without errors from Magento Connect using the database backup option.
- You can now upgrade the Magento software using the Magento Connect Manager.
- The **Add New Review** link now works with multiple configured stores.
- Automated e-mail reminders now work properly.
- Rollback now completes without error with PHP 5.5.
- You can change the value of `php_value memory_limit` in `.htaccess` without encountering "out of memory" errors.
- Fixed potential issues with extensions.
- Customer who uses the same e-mail address to register with two websites no longer receives an e-mail stating they have unsubscribed from a newsletter after placing an order.
- Customers who use the same e-mail address to subscribe to a newsletter now all receive newsletters to which they subscribed.
- Google Analytics—Universal Version now displays information about customer orders.
- No fatal errors choosing the FedEx shipping method during checkout.

Magento EE 1.14.1.0 Release Notes

See the following sections for information about changes in this release:

- [Highlights](#)
- [Solution for Magento Mobile Issue](#)
- [Patches for EE 1.14.0.1 and EE 1.14.1.0](#)
- [Security Enhancements](#)
- [Changes](#)
- [Fixes](#)

Highlights

The following sections discuss highlights of the EE 1.14.1 release.

Visual Merchandiser (*EE only*)

Magento EE only. Organizing products on category pages is now dramatically faster and easier. Our new drag-and-drop visual merchandising tool lets you see precisely what a category page will look like to shoppers—and makes it easy to adjust product positions and to feature "hero" products at the top of a category.

Plus, access to critical information in the tool—like pricing and inventory levels—helps you make smarter merchandising choices. You can also save time by cloning categories, setting up rules to automatically assign products to categories, or by creating dynamic categories, such as "new products," "on sale," or "gifts over \$100," based on product attributes.



Note: Visual Merchandiser is intended to be used *only* with EE 1.14.1. To add the Visual Merchandiser to earlier versions, contact [On Tap](#). Magento does not support Visual Merchandiser in versions earlier than EE 1.14.1.

For more information, see the [Magento User Guide](#).

Configurable Swatches

Configurable swatches help you optimize the way products are presented on your site. New "swatch" capabilities make products more appealing—and

boost conversion rates—by offering shoppers quick access to information, like available colors, fabrics, sizes, and more.

Clicking on a swatch automatically updates the product image so shoppers see exactly what a color or fabric looks like, giving them confidence to proceed with their purchase.

For more information, see the [Magento User Guide](#).

Responsive Design Improvements

It has never been easier to create a mobile-friendly site now that Magento's responsive design reference theme includes *all* core Magento features, including gift registries, downloadable products, multiple wish lists, add-to-cart by SKU, and private sales.

It even boasts responsive default email templates so customers can read your order confirmation emails and newsletters on any device.

For more information, see the [Magento EE 1.14.1 and Magento CE 1.9.1 Responsive Email Developer's Guide](#).

Technology Updates

Magento Enterprise Edition boosts performance and security by adding support for MySQL 5.6 and PHP 5.5.

With MySQL 5.6, you benefit from improved site speed and scalability, reduced memory usage on the database server, and enhanced debugging tools.

PHP 5.5 provides security improvements and ensures you have continued access to code updates. And, for those of you who haven't already upgraded from PHP 5.3, there are potential performance improvements—up to 25% based on reports from some customers.

Magento Enterprise Edition 1.14.1 has been updated to support Universal Analytics, the new standard for Google Analytics. With this update, merchants can define more custom dimensions and metrics for tracking, incorporate offline and mobile app interactions, and gain access to ongoing feature updates that will only be available on Universal Analytics.

Magento EE System Reports (*EE only*)

Magento EE only. Now administrators can generate a detailed report about your installation to help support teams more easily diagnose and resolve issues.

These reports provide information about your Apache version, MySQL settings, PHP extensions, database corruption status, and much more, giving support teams information needed to start debugging, minimizing back-and-forth conversations with you.

For more information, see the [Magento User Guide](#).

Multi-Administrator Support

This release significantly improves backend scalability and eases administrative tasks by enabling many administrators to make product updates at the same time—without causing deadlocks or critical data errors.

This support for larger teams gives merchants power like never before to achieve their aggressive goals.

If you're using an EE version earlier than 1.14.1, this feature is available in a patch as discussed in [Recent Patches](#).

Other Improvements

Magento Enterprise Edition 1.14.1 includes updates to promotions, product import/export capabilities, security, and other features as part of our commitment to continually improve product quality.

Solution for Magento Mobile Issue

Magento Mobile uses the `XmlConnect` module to provide mobile phone storefront.

`XmlConnect` is disabled by default and, as a result, users who attempt to view your mobile storefront might see the error `The server responded with invalid data.`

To resolve this issue:

1. Log in to your Magento server as a user with root privileges.
2. Open the following file in a text editor:

```
[your Magento install dir]app/etc/modules/Mage_XmlConnect.xml
```

For example,

```
vim /var/www/html/magento/app/etc/modules/Mage_XmlConnect.xml
```

3. Change this:

```
<active>false<active/>
```

to this:

```
<active>true<active/>
```

4. Save your changes to Mage_XmlConnect.xml and exit the text editor.
5. Clear the Magento cache:
 - a. Log in to the Magento Admin Panel as an administrator.
 - b. Click **System > Cache Management**.
 - c. Click **Flush Magento Cache**.
 - d. You can log out of the Admin Panel.

Patches for EE 1.14.0.1 and EE 1.14.1.0

Magento has recently released patches for the following:

- Magento backup and restore now work without errors if you use PHP 5.5 in Magento EE 1.14.1.0 and EE 1.14.0.1. The name of this patch for EE 1.14.1.0 is `PATCH_SUPEE-4776_EE_1.14.1.0_v1-2014-11-21-08-34-53.sh`. The name of this patch for EE 1.14.0.1 is `PATCH_SUPEE-4776_EE_1.14.0.1_v1-2014-11-21-08-45-52.sh`.
- Configurable swatch images in search results no longer enlarge when you click them. The name of this patch is `PATCH_SUPEE-4829_EE_1.14.1.0_v1-2014-11-21-08-36-31.sh`.
- Localized swatch image fallback works properly. The name of this patch is `PATCH_SUPEE-4830_EE_1.14.1.0_v1-2014-11-21-08-37-37.sh`.
- Enables the following locales to be selected for a store: German, French, Dutch, Spanish, Portuguese, and Chinese. The name of this patch is `PATCH_SUPEE-4859_EE_1.14.1.0_v1-2014-11-21-08-39-01.sh`.
- Translations for German, French, Dutch, Spanish, Portuguese and Chinese. The name of this patch is `translations-1-14-1-0-2014-11-26-11-01-39.zip`.

To get Magento patches, see [How to Apply and Revert Magento Patches](#).

Security Enhancements

We fixed the following security issues in this release:

- Resolved potential issues as discussed in [Resolving a Remote Code Execution Exploit](#). Magento thanks Matt Barrah for contributing to this fix.
- Resolved a potential [XML External Entity Processing \(XXE\)](#) exploit with the potential to cause a Denial of Service attack.
- Customer passwords are no longer stored in clear text during registration.
- Storefront users no longer see each others' user names in certain circumstances.
- To change an administrator password using the Admin Panel, you must first enter your existing password.
- Added a secure cookie flag for the storefront to prevent man-in-the-middle attacks. Configuration options haven't changed; they are still under **System > Configuration > GENERAL > Web**, option groups **Secure** and **Unsecure**.

Changes

This section discusses changes in this release:

- Changed the following PayPal Express Checkout configuration options (**System > Configuration > SALES > Payment Methods, PayPal Express Checkout**):
 - **Shortcut on Shopping Cart** renamed to **Display on Shopping Cart** and moved from Basic to Advanced.
 - The recommended **Display on Shopping Cart** option is now worded **Yes (PayPal recommends this option)**.
- It's more important than ever for you to configure a [Magento cron job](#). In addition to indexing and other core functions, all Magento e-mails (including order confirmation and transactional) are now queued and sent according to your configured cron schedule.

Important: You *must* configure cron to run as the web server user; otherwise, you will experience issues, such as not being able to reindex from the Magento Admin Panel. Consult the preceding Knowledge Base article for more information.
- The **Update on Save** reindexing option works without performance issues when multiple Magento administrators are updating products at the same time.
- The PayPal Bill Me Later logo and name has been replaced by PayPal Credit.
- Bill Me Later options now display only in U.S. stores.
- The Zend Framework version has been updated to 1.12.7.
- **Check out with PayPal** and **PayPal Credit** buttons now display on product pages for gift cards and dynamic bundled products.
- Updated PayPal buttons for US-based stores.
- Orders with PayPal viewed on the Admin Panel have a link that enables a Magento administrator to view the order on the PayPal site.
- You can use full page caching with the HTTPS protocol. You don't need to use [SSL offloading](#) (also referred to as *SSL acceleration*) to take advantage of this change.

Magento thanks Florinel Chis of Elastera for contributing to this fix.
- The PayPal Standard API has been replaced with the newer PayPal Express Checkout API.
- Magento CE and EE now use [Google Universal Analytics](#).
- When defining a tax rate, you can now use a wildcard character for State in any locale.
- Implemented [responsive transactional e-mails](#).

Fixes

The following sections discuss fixes in this release:

- [Responsive Theme Fixes](#)
- [Payment Processor Fixes](#)
- [Solr Search Engine Fixes](#)
- [Rule-Based Product Relation Fixes](#)
- [Catalog Price Rule Fixes](#)
- [Indexing Fixes](#)
- [General Magento Connect Fixes](#)
- [Other Fixes](#)

Responsive Theme Fixes

- Minimum advertised products (MAP) fixes:
 - A product with a minimum advertised price displays on a product page with the price crossed out.
 - On the product detail pages, the links **Click for price** and **What's this?** display on separate lines.
 - For a grouped product with a minimum advertised price (MAP), product and pricing information display correctly in the shopping cart.
 - Configuring MAP to display **On Gesture** causes the MAP price to display in alignment with other elements on the page.
 - The Manufacturer's Suggested Retail Price (MSRP) displays properly on all pages.

- Related product prices excluding and including tax display properly in the detail page.
- You can add products from the detail page to multiple new or existing wish lists.
- You can download products to a mobile device.
- Multi-address checkout works on a mobile device.
- The year field displays in the proper location after a customer enters an invalid credit card expiration date.
- With full page caching enabled, related products display properly.
- With full page caching enabled, a message displays after a user adds a product to their comparison list.
- Community contributions:
 - Hard-coded, untranslatable words were removed from `.phtml` templates.
Magento thanks Janwillem Oostendorp and Yannis Livasov for contributing to this fix.
 - Layout improvements to my account pages.
Magento thanks Martin Steudter for contributing to this fix.
 - Items in lists display properly in Google Chrome on Windows 8.
Magento thanks Stewart Kelt for contributing to this fix.
- Layout improvements to:
 - Gift registry.
 - Polls widget.
 - Page breadcrumbs.
 - Sitemap.
 - Private sales pages.
 - Billing agreement pages.
 - CAPTCHA.
 - Pages with tags.
 - Pages with recurring profiles.
 - Pages with popular searches.
 - Gift option check box.
 - Order by SKU.
 - Gift messages in checkout.
 - New products created using the Catalog New Product List widget.
 - The PayPal Credit logo. (PayPal Credit was formerly known as *Bill Me Later*.)
 - Products with fixed product tax.
 - Product prices on a search results page.
 - Recently viewed products.
 - Sale countdown ticker.
 - Category event countdown tickers.
 - Prices excluding and including tax in the product detail page on checkout and mini-checkout pages.
 - Cross-sell products on the product detail page.
 - **Verify by Visa** and **Master Card SecureCode** logos when checking out using Authorize.net.
 - Pages with both **PayPal Express Checkout** and **PayPal Credit** buttons.
 - **PayPal Credit** banner displays properly on a checkout page with bundled products.
 - Product's original price when there is a special price and prices including/excluding taxes.
 - Configurable product prices do not change position.
 - Product review links (that is, the **Be the first to review this product** link displays on a single line and descriptions of each of the four-star ratings also display on a single line).
 - Firefox display issues related to the PayPal Credit banner. We observed display issues that affected bundled products and gift card products in the storefront.

Payment Processor Fixes

This section discusses payment processor fixes:

- Gift cards are no longer issued if the payment method fails.
- PayPal Instant Payment Notification (IPN) for a refund now persists in the transaction's comment history and no exception displays in Payment Bridge logs.
- IPN postback now sends a verification after an error.
- An order status can be changed to Processing if a transaction is accepted on PayPal Admin Panel.
- Updated the URL redirect for PayPal Express Checkout (Payflow Edition).
- Corrects errors with PayPal checkout in the event of a one-cent rounding error.

Solr Search Engine Fixes

- Disabled, Out Of Stock, and associated or simple products are no longer indexed by Solr.
- When `allow_url_fopen = Off` in `php.ini`, Magento uses `Varien_Http_Client` as a curl wrapper.
- Search by partial SKU works.
- A search term that uses the German umlaut character works.

Rule-Based Product Relation Fixes

- Upsells display the correct product
- With full page caching enabled, you can refresh the page containing upsell or related products without errors.
- With full page caching enabled, unrelated upsell products display.
- Fixed an intermittent issue with the **Starting at** price for grouped products disappearing when used in an upsell
- Improved product save performance with a large number of rule-based product relations.

Catalog Price Rule Fixes

- Catalog price rule expiration dates are observed.
- The database and prices update properly when catalog price rules are created or edited.
- Catalog price rules apply to customer groups properly.
- Resolved intermittent issues applying catalog price rules.

Indexing Fixes

- Improved indexing performance.
Magento thanks Tim Bezhasvly for contributing to this fix.
- Resolved index lock issues.
- The **Update on Save** option works properly (reindexing is not required).
- Removed the false message `One or more of the Indexes are not up to date` following a change to product attributes.

General Magento Connect Fixes

- When you install a community-created translation package, the translation provided by the package overwrites any existing translations for the same items. This enables you to more easily install packages with translations.
- To improve security, Magento Connect now uses HTTPS by default to download extensions, rather than FTP.
- Extension developers can now create an extensions with a dash character in the name. Merchants can install those extensions without issues.
- Magento administrators who attempt to install an extension with insufficient file system privileges are now informed. Typically, the Magento

Admin Panel runs as the web server user. If this user has insufficient privileges to the *your Magento install dir/app/code/community* directory structure, the Magento administrator sees an error message in the Magento Connect Manager.

To set file system permissions appropriately, see [After You Install Magento: Recommended File System Ownership and Privileges](#).

Other Fixes

- Resolved a caching-related issue that caused the storefront to be unresponsive.
- Gift cards are no longer issued if the payment method fails.
- If a price rule is applicable to more than one item in the cart, all eligible items get the discount.
- A discount is applied to all members of an eligible customer group.
- Magento correctly calculates the Daylight Savings Time offset.
- Resolved the following issues with URL rewrites in the form `product/{product_id}`:
 - You can now create more than one such rewrite per store, per product.
 - The canonical URL in search results is the actual URL, not the rewrite URL.
Magento thanks Colin Mollenhour for contributing to this fix.
- Resolved the following issues with the wish list:
 - You can now add multiple items to your wish list.
 - You can now share the wish list.
- Resolved the following issues with the CMS widgets Catalog Category Link and Catalog Product Link:
 - Links on the storefront work after upgrading Magento.
 - Catalog Category links to subcategories no longer result in an HTTP 404 (Not Found).
- Improved calculation performance on configurable products with thousands of attributes.
- Resolved exceptions when the category flat index is enabled (in the Admin Panel, **System > Configuration > ADVANCED > Index Management**. Under Index Options, **Category Flat Index**).
- Errors no longer display when you switch to website scope when editing payment methods in the Admin Panel.
- The **Check out with PayPal** button displays with full page caching enabled.
- The CMS handles HTML5 tags properly.
Magento thanks Alan Storm for contributing to this fix.
- You can now ship to an Armed Forces Middle East address using USPS.
- Links in the sitemap have the proper search engine optimized (SEO) URLs.
- Products with visibility set to Catalog, Search now consistently display in search results.
- The **System > Cache Management > Flush Cache Storage** button flushes the cache as expected.
- With full page caching enabled, switching between any HTML5 viewport works properly. (For example, switching from a mobile device to a desktop device displays the desktop theme.)
- Shopping cart price rules apply properly for bundled products.
- With full page caching enabled, cross-border taxes display properly.
- Category search works properly when category permissions are enabled.

Magento EE 1.14.0.1 Release Notes

EE 1.14.0.1 resolves the following issues:

- Customers can no longer apply a coupon from an inactive shopping cart price rule to a purchase.
- Customers using a smartphone or other small viewport can expand subcategories in the web store that uses the new responsive theme.

Recent Patches



Note: The patches discussed in this section are built in to EE 1.14.1; you need to get them only if you're running an earlier EE version.

We'd like to draw your attention to several new patches that were recently posted to the Partner Portal and Support Center. These patches deliver important improvements, such as enabling several concurrent administrators to work with the product catalog, and to make it easier to install community-created translation packages.

Details about the patches follow. To install these patches, see [How to Get Patches For Magento EE](#).

- [General Magento Connect Patches](#)
- [Magento Install Page Displays After SOAP v2 Index Page Refresh](#)
- [Multiple Simultaneous Magento Administrators](#)
- [How to Get Patches For Magento EE](#)

General Magento Connect Patches

Patch name: PATCH_SUPEE-3941_EE_1.14.0.1_v1-2014-08-12-12-10-06.sh

- When you install a community-created translation package, the translation provided by the package overwrites any existing translations for the same items. This enables you to more easily install packages with translations.
- To improve security, Magento Connect now uses HTTPS by default to download extensions, rather than FTP.
- Extension developers can now create an extensions with a dash character in the name. Merchants can install those extensions without issues.
- Magento administrators who attempt to install an extension with insufficient file system privileges are now informed. Typically, the Magento Admin Panel runs as the web server user. If this user has insufficient privileges to the *your Magento install dir/app/code/community* directory structure, the Magento administrator sees an error message in the Magento Connect Manager.
To set file system permissions appropriately, see [After You Install Magento: Recommended File System Ownership and Privileges](#).

Magento Install Page Displays After SOAP v2 Index Page Refresh

Patch name: PATCH_SUPEE-3762_EE_1.14.0.1_v1.sh. Refreshing the SOAP v2 index page (http://your-magento-host-name/index.php/api/v2_soap/index/) results in all administrators and customers viewing the Magento installation page.

Multiple Simultaneous Magento Administrators

Patch name: PATCH_SUPEE-3819_EE_1.14.0.1_v1.sh. Multiple Magento administrators can simultaneously add new products; or edit descriptions, edit prices, or edit stock quantities of existing products without causing deadlocks, key violations, or critical data errors. Together with applying the patch, you must set all indexers to Update when scheduled as follows:

1. Log in to the Magento Admin Panel as an administrator.
2. Click **System > Configuration**.
3. In the left navigation bar, from the ADVANCED group, click **Index Management**.
4. Expand **Indexing Options**.
5. From each list, click **Update when scheduled**.
6. Click **Save Config** in the upper right corner of the page.

How to Get Patches For Magento EE

This section discusses how to get patches referenced in these Release Notes. Magento has other patches available from the EE support portal and the [partner portal](#); you can use the following instructions to install any of those patches as well.

To get patches for Magento EE:

1. Log in to www.magentocommerce.com.
2. In the left pane, click **Downloads**.
3. In the right pane, click **Magento Enterprise Edition**.
4. Follow the prompts on your screen to download a patch for your version of EE.
5. Apply the patch as discussed in [How to Apply and Revert Magento Patches](#).

Magento EE 1.14.0.0 Release Notes

See the following sections for information about changes in this release:

- [Highlights](#)
- [Security Enhancements](#)
- [Changes](#)
- [Tax Calculation Fixes](#)
- [Fixes](#)

Highlights

This section lists the key new features in Magento EE 1.14. For more information about these new features, see the [Magento User Guide](#).

- The default theme in Magento EE 1.14 uses [Responsive Web Design](#) principles to provide a better experience for users of mobile devices in particular. Benefits include:
 - You can get a tablet and smart phone friendly responsive site in about half the time as before, speeding time to market and freeing up resources for other projects.
 - Your responsive site makes you better able to participate in the fast growing mobile commerce space, gives you the ability to more easily adapt to new opportunities, and is less expensive to maintain. A responsive site also offers potential search engine optimization (SEO) benefits because it uses Google's preferred approach to mobile-optimizing sites.
- Magento EE 1.14 now supports Solr versions up to 3.6.2 natively (that is, without a patch). Catalog indexing happens efficiently and automatically in the background, with no manual intervention required, resulting in better administrative performance. For more information about using Solr with Magento EE, see the [Magento User Guide](#).

Note: If you're using the Solr search engine with EE versions 1.13.1 or earlier, you must perform an additional step during upgrade due to the fact that the Solr schema changes in EE 1.14. You must copy two files to your Solr server—`schema.xml` and `solrconfig.xml`. For details, see [the section on upgrading Solr in the Magento upgrade guide](#).
- Cross-border trade: (Also referred to as *pricing consistency*.) We support European Union (EU) merchants operating across regions and geographies who want to show their customers a single price. Pricing is clean and uncluttered regardless of tax structures and rates that vary from country to country.

To enable cross-border trade in the Admin Panel, click **System > Configuration > SALES > Tax > Calculation Settings**, option **Enable Cross Border Trade**.
- Supports [PHP 5.4](#). For more information, see [the PHP changelog](#).
- The Zend Framework has been upgraded to [version 1.12.3](#)
- Checkout improvements:
 - You can capture up to 18% more sales by providing customers access to financing using the Bill Me Later service at no additional cost to you.
 - You can offer your customers a smoother, more streamlined PayPal Express Checkout experience, which tries alternative payment options when a customer's credit card is rejected
 - Improve the PayPal Express checkout experience by eliminating the following steps in the checkout process:
 - The order review page can be enabled or disabled
 - Eliminate the necessity of clicking **Update Order** before **Place Order**

(*Conversion* means helping customers stay interested and complete their purchases.)

Security Enhancements

- Addressed a potential cross-site scripting (XSS) vulnerability while creating configurable product variants.
- Addressed a potential security issue that could result in displaying information about a different order to a customer.
- Users can no longer change the currency if the payment method PayPal Website Payments Standard is used.
- Removed an `.swf` file from the Magento distribution because of security issues.

- Improved file system security.
- Enhanced the security of action URLs, such as billing agreements.
- Addressed a potential session fixation vulnerability during checkout.
- Improved the security of the Magento randomness function.

Changes

- A default setting for configurable and bundled products has changed. When you create a configurable or bundled product in the Admin Panel, click **Manage > Products**. Create a new configurable or bundled product and click the **Design** tab. The default option for **Display Product Options In** has changed to **Product Info Column**.
- The Google Websites Optimizer has been disabled because it has been deprecated by Google. (In earlier EE versions, this option was available in the Admin Panel at **System > Configuration > SALES > Google API > Google Website Optimizer**).
- Two new options to prevent "**clickjacking**" if you run Magento in a `frame` or `iframe`:

- Enable frames only in the same domain.
- Enable frames.



Note: For security reasons, Magento strongly recommends against running the Magento software in a frame.

The options are available in the Admin Panel at **System > Configuration > ADVANCED > Admin > Security** and are named **Allow Magento Backend to run in frame** and **Allow Magento Frontend to run in frame**.

Enabling the option causes the `X-Frame-Options` request header to be sent.

- FedEx changed their endpoints for sandbox and production to the following:
 - Production: `https://ws.fedex.com/web-services`
 - Sandbox: `https://wsbeta.fedex.com/web-services`

Because of these changes, Magento cannot retrieve shipping rate information or print shipping labels for FedEx unless this fix is applied.

- EE 1.14 includes a fix that prevented some Discover credit cards from validating properly. The issue was that certain Discover credit card number ranges were not recognized as being valid. As a result of the fix, all Discover cards should validate properly.



Note: This is *not* a security threat. No data has been compromised or misused. It affects only the ability to validate certain credit card number ranges as valid Discover card numbers.

- If you use the Solr search engine, you no longer need to manually reindex the Catalog Search Index (except after you upgrade to EE 1.14 from an earlier version).
 - The default values for two configuration options changed. Both options can be found in the Admin Panel under **System > Configuration > CATALOG > Catalog > Frontend**. The new default values follow:
 - **Products per Page on Grid Allowed Values** is now **12, 24, 36**.
 - **Products per Page on Grid Default Value** is now **12**.
 - On the New Rule page for shopping cart price rules (**Rule Information** tab page), explanatory text **Usage limit enforced for logged in customers only** was added to the **Uses per customer field**. This is to avoid confusion encountered by some Magento merchants.
 - Changes to PayPal Express checkout:
 - Changes to both **Proceed to Checkout** and to **Pay With PayPal**:
 - Customers cannot edit their billing address on the PayPal site—in fact, the billing address does not display on the PayPal site.
 - Magento EE uses the customer's PayPal address information, not the address information stored in Magento EE. The customer does not need to enter Magento CE or EE address information.
 - When the customer is redirected to the PayPal site, they can click **Change** next to their payment method to change it.
- The Magento administrator can set billing address information in the Admin Panel as follows: **System > Configuration > SALES > Payment Methods**. For any payment method that includes Express Checkout, in Basic Settings, set the value of the **Require Customer's Billing Address** list.
- Changes to **Pay With PayPal** only:

- If the Magento administrator does not require the customer's billing address, the customer's billing address is set to the customer's PayPal *shipping* address.
- If the Magento requires the customer's billing address, the customer's billing address is set to the customer's PayPal *billing* address.
- On the PayPal site, the customer can click **Change** next to their shipping address to change it. The customer can choose any shipping address configured with PayPal.
- Because the customer's configured address in Magento is not used, the customer's shipping address stored in PayPal is never changed.
- Changes to **Proceed to Checkout** only:
 - No **Change** link displays next to a customer's shipping address on the PayPal site.
 - In the event of a shipping address mismatch between Magento and PayPal, the following message displays when the customer attempts to pay using PayPal:

```
The address you entered on store-name is different than your PayPal preferred shipping address.
Return to store-name if you'd like to change the shipping address
```

The user can select the **Use as preferred shipping address** check box to instruct PayPal to change their shipping address.

Tax Calculation Fixes

- Fixed price and dynamic price bundled products where the price is configured to include tax display prices correctly regardless of tax settings. (For example, customer's default tax rate is different from the origin tax rate.)
- Resolved a one-cent rounding issue when Fixed Product Tax (FPT) is enabled and the option **Apply Discount to FPT** is set to **Yes**. (These options are available in the Admin Panel by going to **System > Configuration > SALES > Tax > Fixed Product Taxes**.)
- Resolved issues with calculating the credit memo amount when FPT is discounted and the customer purchases more than one item.

Fixes

Fixes in this release can be divided into the following categories:

- [Web Store and Shopping Cart Fixes](#)
- [Promotional Price Rule Fixes](#)
- [Administrative Ordering, Invoicing, Credit Memo Fixes](#)
- [Import Fixes](#)
- [Payment Method Fixes](#)
- [Solr Search Engine Fixes](#)
- [Other Fixes](#)

Web Store and Shopping Cart Fixes

- With full page caching enabled:
 - Customers can no longer see each other's wish list or previously viewed products.
 - Related products set to not rotate display on the web store. (In other words, an administrator set **System > Configuration > CATALOG > Catalog > Rule-Based Product Relations**, option **Rotation Mode for Products in Related Product List** set to **Do not rotate**.)
 - The product ratings block refreshes on the storefront after a new rating has been approved.
 - Tier pricing is calculated properly.
- Resolved a 404 (Not Found) error navigating from a product in one category to an upsell product in a different category.
- A customer can update quantities of items in their mini shopping cart from their My Account page.
- The Minimum Advertised Price pop-up works properly in the web store. When the customer clicks **Click for price**, the price displays as expected.

- The "customer since" date is correct.
- Switching stores when viewing a product with store-scoped URL keys works as expected.
- Setting **System > Configuration > CATALOG > Inventory**, option **Display Out of Stock Products** to **Yes** no longer causes all products to appear as out of stock.
- Entering accented characters in the zip code field during checkout results in a validation error instead of an exception message.
- Gift card codes are sent only after an item is purchased.
- A customer who attempts to log in as another customer with incorrect credentials is denied.
- Resolved issues with applying a 100% discount to an order.
- Customers are no longer redirected to the home page when they have permission to view a category.
- Discount amount displays correctly for products with custom options.
- Issues with placing PayPal Payments Advanced or PayPal Payflow Link orders using Internet Explorer 9 have been resolved.

Promotional Price Rule Fixes

The following fixes relate to administering and using shopping cart price rules and catalog price rules:

- Shopping cart price rules apply properly to grouped products.
- Two catalog price rules applied to the same product work properly.
- The setting **Stop Further Rules Processing** is honored.
- A user with read-only privileges in the Admin Panel cannot save changes to a price rule.
- Applying a shopping cart price rule does not display an exception.
- Coupon codes apply only to products eligible for the price rule.

Administrative Ordering, Invoicing, Credit Memo Fixes

- An administrative user with access to only one website from which a product was deleted no longer sees a stack trace when attempting to create an RMA for that product. In other words, after a customer placed an order for a product on Website1, an administrator with privileges to all websites removes the product. Later, when an administrator with access to only Website1 attempts to create an RMA for the deleted product, that administrator no longer sees an error message; instead, they see an expected `Access Denied` message.
- Resolved an issue with incorrectly calculating the amount of an invoice when some items were discounted by a shopping cart price rule.
- Credit memo amount is calculated correctly when processing a partial invoice with a discount.
- Making comments in a credit memo no longer returns items to stock. (Prerequisite: an administrator set **System > Configuration > CATALOG > Inventory > Product Stock Options**, option **Automatically Return Credit Memo Item to Stock** set to **Yes**.)

Import Fixes

- A product with a custom attribute set imports successfully.
- A fatal error caused by `Mage_ImportExport_Model_Scheduled_Operation` was fixed. Magento thanks Tim Bezhashvyly for contributing to this fix.

Payment Method Fixes

- If guest checkout is disabled, a customer must log in to check out with PayPal Express.
- Eliminated errors in the logs when an administrator clicks **System > Configuration > SALES > Payment Methods**.
- You can now use New Zealand dollars as the base currency with the eWAY Direct payment bridge.
- Store credit is applied correctly when using Website Payments Pro Hosted Solution.
- If the merchant country is Germany (DE), disabled guest checkout for the express checkout method and PayPal Website Payments Standard.

Solr Search Engine Fixes

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- Eliminated a spurious error from the logs when Solr is enabled as the search engine.
- Solr sorts search results by score.
- A quick search by SKU works with the Solr search engine if the SKU contains hyphen characters.
- Solr search works properly if you set `allow_url_fopen = Off` in `php.ini`.
- Using layered navigation filtering no longer returns the wrong results. (For example, filtering by brand works properly.)
- Resolved an issue where search results don't display correctly after a Magento upgrade.
- Catalog navigation works properly.
- Products display as expected in categories if the products have a Date attribute with the option **Used for Sorting in Product Listing** set to **Yes**. There are no exceptions in Magento logs after reindexing.
- Corrected the sort order of products searched by SKU.
- Search results of products with names and/or SKUs that contains numbers, letters, and a hyphen character (-) are as expected.
- Resolved issues with search results for products in a locale other than en_US with numeric SKUs.
- Resolved issues with Solr not returning product search results.
- Search results no longer include products that are either Disabled or Out of Stock.

Other Fixes

- Restored images on a customer's Reward Points page.
- Categories on the storefront now display with spaces between category names for cached and non-cached pages.
- A customer can now initiate a return from the storefront.
- An administrative user can subscribe to low stock RSS feeds without errors.
- Category URLs work as expected, regardless of the setting of **Create Custom Redirect for old URL** for the category's URL key.
- Setting `allow_url_fopen = Off` in `php.ini` has no effect on the CMS WYSIWYG editor.
- No fatal error displays when a role-restricted user previews a newsletter in the Admin Panel.
- Google Sitemap files now include the `.html` suffix for category and product URLs.
- Customers can use advanced search on your storefront if Magento EE is configured to use the default MySQL Fulltext search engine and the server uses MySQL 5.6.
- A role-restricted user can preview a newsletter in the Admin Panel to which the user has privileges.
- After synchronizing media files with the database, `media/customer/.htaccess` is present with the correct data. (Prerequisite: an administrator set **System > Configuration > ADVANCED > System > Storage Configuration for Media** set to **Database**).
- cron now restarts indexers if they previously failed to run.
- You can save changes to a category that has more than 1,000 products.
- Deactivating one of several banners no longer causes exceptions in `system.log`.
- Resolved issues with the WSDL cache.
- Improved the efficiency of product searches.
- Resolved issues with the full page cache crawler.
- Resolved issues with the DHL International shipping method.
- Resolved 404 (Not Found) errors in layered navigation.
- Resolved a SQL error when attempting to assign a bundled product to another website.
- Rules-based product relations perform as expected after being saved.
- Resolved an issue with sending duplicate `Content-Type` headers when using `mod_fastcgi` with the Apache web server.

Open Source Software Licensing Agreements

Some versions of Magento EE use open source software licensing. Following are license agreements for that software.

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