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[Lightning 4.55](#)[Lightning 4.55 for OpenCart 4.1](#)[Lightning 4.55 for old OpenCart 1.5](#)

Please follow [install](#) or [upgrade](#) instructions for smooth work.

Lightning Changelog

4.53, 4.54, 4.55

- fixes

4.52

- live requests display now displays more request types including CRON jobs
- fixes

4.51

- search in files now does not inspect JS/CSS files by default
- added Lightning header for backend with page generation statistics
- fixes

4.50

- OpenCart 4.1 support
- fixes

4.49

- fixes

4.48

- function to specify SQL queries with late cache update (up to 24 hours) for not time-critical queries
- fixes

4.47

- full compatibility with **Ronixa theme**
- **Optimize SQL queries** option is safe to use in live shops
- great LCP optimization for **Owl Carousel** banners
- fixes

4.46

- WebP images are now served to all clients without any support checks
- full support of third-party WebP extensions
- Lightning WebP function is now turned off by default
- fixes

4.45

- fixes

4.44

- automatic blocking of visitors with frequent bot-like requests
- automatic **Access Control** entries are removed after 3 days to keep **Access Control** fresh
- experimental SQL queries optimization - do not use at live shops without good testing
- **Single language or language is coded in every URL** option that may improve pregeneration in such setups
- fixes

4.43

- option to give cached pages to bots and search engines only
- "Single language or language is coded in every URL" option that may improve pregeneration in such a situations

- [li_sql](#) param that shows used queries now works for admin pages

- fixes

4.42

- uses Imagick WebP support if GD WebP support is missing

- fixes

4.41

- fixes

4.40

- fixes

4.39

- option to disable CSS optimization for desktop
- image originals for Journal 3.2 support

4.38

- ability to permanently block IPs that are not identified as bots and try to visit certain URLs (helps to automatically ban malicious bots)
- fixes

4.37

- fixes

4.36

- tool to see the latest modified files
- option to not speed up 404 (not found) answers (on redirect managers problems or giving 404 instead of URL)
- fixes

4.35

- folded Lightning widget on mobile
- fixes

4.34

- cart and login are now saved for 30 days even if Lightning is disabled
- fixes

4.33

- WebP quality selection
- slow queries inspection tool which gives the ability to test and add indexes
- fixes

4.32

- security fixes
- improved pregeneration
- Lightning tools link added to the bottom of the widget:
 - Lightning CRON Job Activity
 - Search in Files
 - Logs Viewer
 - Disk Space Analysis
 - inodes Analysis
 - DB Tables Info
 - Process Viewer
 - SQL Process Viewer
 - ocMods Viewer

4.30, 4.31

- fixes

4.29

- Github 3.0.x.x_Maintenance version support
- image cache creation speed up
- Journal 3.2 admins now get cached pages
- fixes

4.28

- improved WebP quality
- fixes

4.26, 4.27

- fixes

4.25

- option to load icons first (avoids squares on first visit, but lowers PageSpeed scores)
- inodes calculation (in disk space taken display)
- fixes

4.24

- improved PageSpeed score
- sessions table growth prevention
- fixes

4.21, 4.22, 4.23

- fixes

4.20

- option to improve resized images details ([example](#))
- image sizes propagation is improved and enabled by default
- automatic currency detection from browser language data
- improved language code in URLs support
- **referrer** display in error notices
- load cart by AJAX fix

4.19

- page caches update on new products addition fix
- separate page cache for logged-in customers troubleshooting option
- fake search bots now get pages from cache only

4.18

- admin password bruteforce protection
- search pages are now cached by default
- regular product views count queries are disabled for speed and can be enabled back in troubleshooting settings

4.17

- product views count and who's online info is not written for bots
- option to see SQL processes in Lightning processes viewer (that is opened by clicking at CPU bar)

4.16

- ability to forbid some URLs visiting for bots (even Google sometimes ignores **robots.txt** directives)
- **monitor for external products updates** is now separate option that is not enabled by default
- Journal 3.2 Beta compatibility
- **Speed up mail sending** option not sending mails on some setups fixed

4.15

- fixes

4.14

- largest page image is now pushed before everything else improving LCP
- ability to use image originals for big images of product to save server disk space is back
- ability to customize cookie notification
- better compatibility with SEO extensions
- products deletion with external DB access now updates page caches
- option to use default language instead of detected from browser

4.13

- plays nice with official [Facebook Business Extension for OpenCart](#)
- performance fix for Opencart 1.5-2.3

4.12

- Corresponding page caches are updated on new products creation
- Cart contents and session data now is preserved for 30 days
- Session data is not written for robots and search engines

4.11

- pages are now updated on admin visit even when "Do not show cached pages to admins" option is on
- fixes

4.10

- wishlist & compare modification in Journal3 fixes
- page update on admin visit fix

4.09

- repetitive requests now are remembered and served from memory
- compatibility with [Test Site](#) extension
- compatibility with new [Replacer](#) extension
- fixes

4.08

- option to disable **preload** directives removal from HTML

4.07

- OCMOD log is cleared before modification refresh
- while module is loading by AJAX, its old content (written when page was generated) is displayed
- modules AJAX loading now is more stable
- images lazy load is now recommended to turn off for any theme, including Journal3

4.06

- HTML preload directives removal is back, like in Lightning 3.38 (preloads hurts PageSpeed)
- products and other entities, that should be displayed in the future, are not respected anymore, making DB caches more useful
- various fixes

4.05

- option to disable image sizes propagation
- disabling bots overload protection clears Access Control list
- Journal3 admin missing links dropdown fix

4.01 - 4.04

- fixes

4.0

- optimized TWIG engine that can save up to 70ms CPU time at heavy templates
- CPU load display
- click on CPU meter shows the processes using CPU including processed URLs
- WebP support for Apple devices
- JPEG/PNG optimization is abandoned in favor of WebP
- new JS/CSS optimization techniques
- option to disable JavaScript for robots, search engines and PageSpeed Insight
- GZIP compression for admin area
- detailed IP info with map is working again
- all JS scripts work for AJAX-loaded modules as well
- [Clear Cache](#) button clears all caches except Lightning DB cache, making the procedure faster
- Lightning [Disable](#) button also clears Lightning DB cache

3.39

- events optimization issues fix
- smaller CSS critical path
- reduced page load flickering
- improved original images function
- third-party WebP extensions are automatically disabled
- more accurate preload directives removal

3.38

- important fixes

3.37

- use image originals feature for disk space saving
- additional Journal 3 filters speed up

3.36

- important fixes

3.35

- Mail sending speed up feature (for the cases of slow last checkout step)
- CRON Job problems warnings
- important fixes

3.34

- Access Control feature
- JOURNAL3 filter and search optimization

3.33

- ability to exclude some images from WebP conversion

3.32

- native images and frames lazy loading (for browsers that support it)
- option to load cart contents by AJAX

3.31

- old browsers warning in JOURNAL3

3.30

- clicking on the free space in Lightning shows the directories that occupy the most space

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OpenCart Lightning

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