LiteSpeed Web Server Changelog

> **Note**
>
> We do our best to update this changelog in a timely manner. However, if a build is missing, you can always find the release announcement in our LiteSpeed Edge Google Group.

Check the currently installed build number:

```
cat lsws/BUILD
```

Update to the latest build:

```
/usr/local/lsws/admin/misc/lsup.sh -f -v 6.3.7
```

Version 6.4 Release Candidates

RC2

Build 6

Released: November 3, 2026

- [Security] Address a critical LSQUIC vulnerability.
- [Bug fix] Address a few ModSecurity corner cases.
- [Tuning] Add the `alt-php44` and `alt-php51` handlers back (removed in build 7).

Build 5

Released: October 30, 2026

- [Security] Fix build server issue and update Brotli library to v1.2.1.
- [Bug fix] Fix false positive for duplicate `Authorization` headers.
- [Feature] Add PHP 8.6 suEXEC support.

Build 4

Released: October 23, 2026

- [Bug fix] Fix an IPv6 regression caused by a disabled WebAdmin Console.

Build 3

Released: October 22, 2026

- [Security] Update the `admin_php` binary for CVE-2026-109618 and CVE-2026-109619.
- [Security] Update the brotli library to v1.2.1 for CVE-2026-111497.
- [Security] Disable WebAdmin by default. Manual activation is required.
- [Bug fix] Fix an issue where Anubis and CAPTCHA configurations were mixed up.
- [Bug fix] Fix an SSI engine file size output format issue.
- [Bug fix] Fix a request parser `NUL` byte handling issue.
- [Bug fix] Update lsquic to v4.10.2.
- [Bug fix] Harden HTTP/2 protocol and header handling.

Build 2

Released: September 23, 2026

- [Bug fix] Fix corner cases in `lsnode.js`.
- [Bug fix] Fix the regression affecting relative SSI includes.
- [Bug fix] Fix the long startup delay for detached external applications.
- [Bug fix] Fix the external application STDERR logging regression.
- [Bug fix] Fix intermittent 404/403 errors.
- [Bug fix] Fix intermittent PHP suEXEC failures.

Build 1

Released: September 16, 2026

- [Security] Further harden `lscgid`.

Build 0

Released: September 14, 2026

- [Security] Enhance `lscgid` request authentication and validation.
- [Security] Apply stronger validation of internal redirect URLs.

- [Security] Block setting of important internal-use environment variables from `.htaccess`.
- [Feature] Add JSON request body processing for ModSecurity engine.
- [Feature] Add `ctl:ruleRemoveTargetById` and `ctl:ruleRemoveTargetByTag` support for ModSecurity engine.
- [Feature] Enable post-quantum cryptography key exchange.
- [Bug fix] Address Anubis handling corner cases.
- [Bug fix] Include all bug fixes applied to 6.3.x releases.

RC1

Build 2

Released: August 13, 2026

- [Bug fix] Address an issue in Anubis sub-request handling.
- [Bug fix] Address an Anubis configuration issue.
- [Bug fix] Address Node.js application process management issue that leaves multiple worker processes running.
- [Bug fix] Address an ESI/SSI sub-request cancellation corner case.

Build 1

Released: August 3, 2026

- [Bug fix] Allow `\` in query string for HTTP/2 and HTTP/3 request headers.
- [Bug fix] Address another HTTP/2 request body length corner case that caused `400` status codes from proxy backends.
- [Improvement] Support for multiple remote ACL URLs.

Build 0

Released: July 28, 2026

- [Feature] Add Anubis proof-of-work support.
- [Feature] Add ALTCHA CAPTCHA support.
- [Feature] Add Zstandard compression support.
- [Feature] Add background cache refresh support.
- [Feature] Add new UI for WebAdmin management console.

- [Feature] Strengthen HTTP/2 and HTTP/3 resource abuse protection.
- [Bug fix] Include all bug fixes applied to 6.3.x releases.

Version 6.3.7

Build 8

Released: November 3, 2026

- [Security] Address a critical LSQUIC vulnerability.
- [Bug fix] Address a few ModSecurity corner cases.
- [Tuning] Add the `alt-php44` and `alt-php51` handlers back (removed in build 7).

Build 7

Released: October 29, 2026

- [Security] Fix build server issue and update Brotli library to v1.2.1.
- [Bug fix] Fix false positive for duplicate `Authorization` headers.
- [Feature] Add PHP 8.6 suEXEC support.

Build 6

Released: October 22, 2026

- [Bug fix] Fix an IPv6 regression caused by a disabled WebAdmin Console.

Build 5

Released: October 22, 2026

- [Security] Update the `admin_php` binary for CVE-2026-109618 and CVE-2026-109619.
- [Security] Update the brotli library to v1.2.1 for CVE-2026-111497.
- [Security] Disable WebAdmin by default. Manual activation is required.
- [Bug fix] Fix an SSI engine file size output format issue.
- [Bug fix] Fix a request parser `NUL` byte handling issue.
- [Bug fix] Update lsquic to v4.10.2.

- [Bug fix] Harden HTTP/2 protocol and header handling.

Build 4

Released: October 5, 2026

- [Bug fix] Address `lsphp` process management issue under CageFS.
- [Bug fix] Address a corner case in handling the rewrite rule for EWWW Image Optimizer.
- [Bug fix] Fix minor bugs in `lsns` management scripts.

Build 3

Released: September 23, 2026

- [Bug fix] Fix corner cases in `lsnode.js`.
- [Bug fix] Fix the regression affecting relative SSI includes.
- [Bug fix] Fix the long startup delay for detached external applications.
- [Bug fix] Fix the external application STDERR logging regression.
- [Bug fix] Fix intermittent 404/403 errors.
- [Bug fix] Fix intermittent PHP suEXEC failures.

Build 2

Released: September 16, 2026

- [Security] Further harden `lscgid`.

Build 1

Released: September 15, 2026

- [Security] Address another corner case in internal redirect URL validation.

Build 0

Released: September 11, 2026

- [Security] Enhance `lscgid` request authentication and validation.
- [Security] Apply stronger validation of internal redirect URL.

- [Security] Block setting of important internal-use environment variables from `.htaccess`.
- [Feature] Enable post-quantum cryptography key exchange.
- [Improvement] Add support for the `MKCALENDAR` request method.
- [Bug fix] Address a race condition corner case for ModSecurity engine.
- [Bug fix] Address an internal URL cache corner case.
- [Bug fix] Improve Node.js process management to avoid lingering idle workers.
- [Bug fix] Address HTTP/3 idle connection timeout issue.
- [Bug fix] Address a namespace issue for natively configured vhost.
- [Bug fix] Address a corner case in SHM locking.

Older versions

- Version 6.3
- Older release logs back to v5.3.3.
- Older release logs back to v1.0

November 3, 2026