



Get the Most Out of Your
Existing Infrastructure

LiteSpeed Cache & QUIC

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The Challenge

To keep your existing infrastructure while:

- Increasing the number of sites per box
- Decreasing overall server load
- Decreasing web site loading times

All while keeping customers happy, increasing profits, and reducing resources!

How do we accomplish this?

It is simple with 2 small adjustments....

Remove the need to process dynamic content

Use cutting edge technologies to improve overall speed



LSCache

Removing the need to process dynamic content



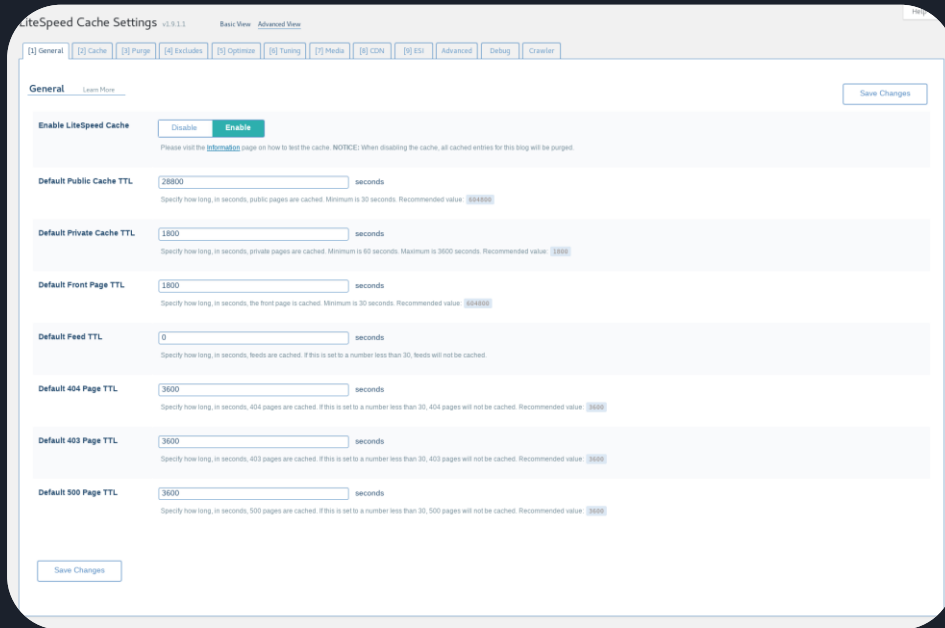


How does LSCache do it?

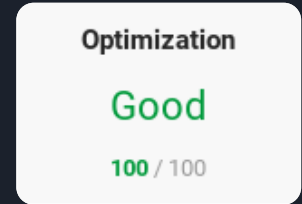
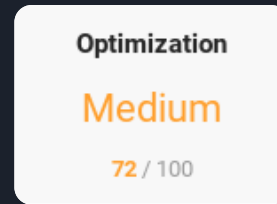
LSCache accomplishes this by:

- Creating static pages of dynamic pages
- Being built-in directly to LiteSpeed Web Server
- Being intelligent
- Supporting multiple different Applications
- Mass enabling via WHM

LSCache for WordPress



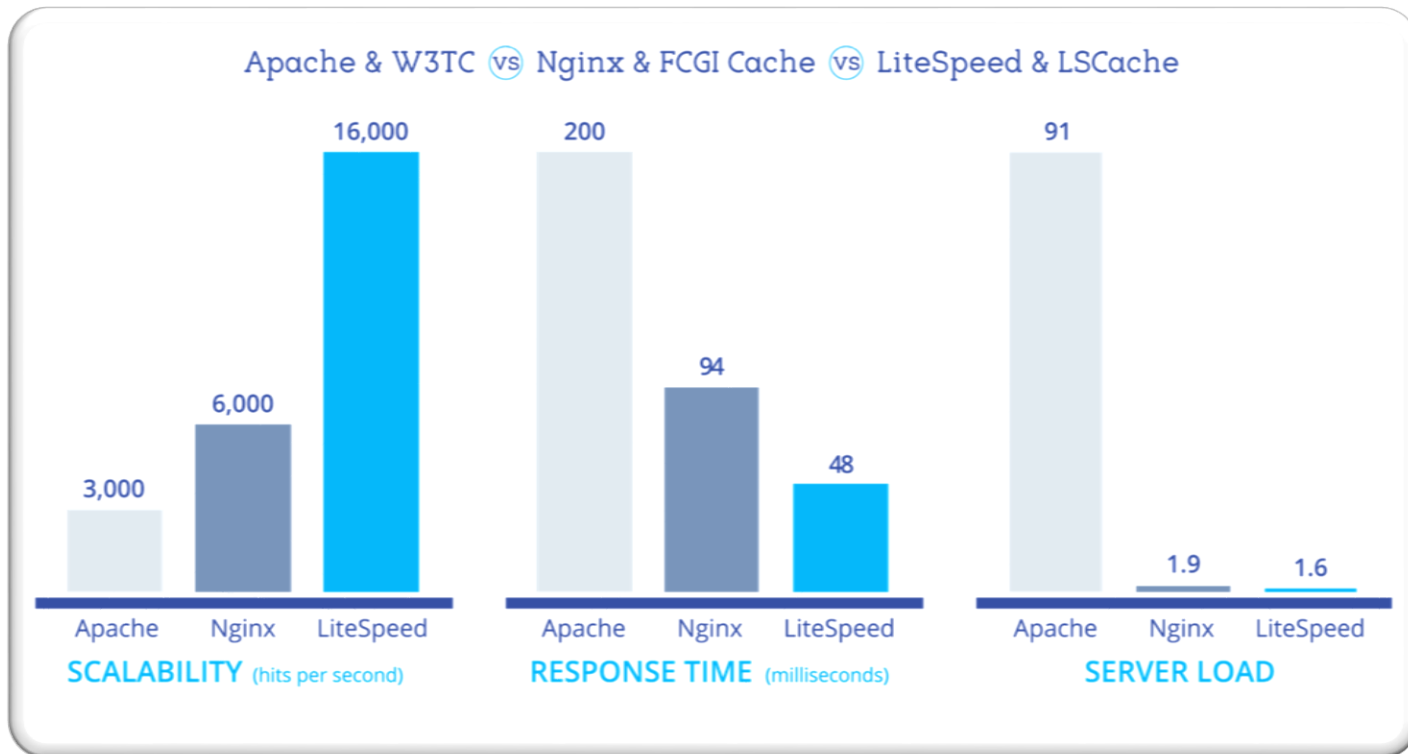
PageSpeed Before and After



Installation Growth



How does LSCache hold up?



WHM PLUGIN

1



Cache Root Setup

You can view your current cache root settings below. Both Server and Virtual Host cache roots should be set before attempting to install and use the LiteSpeed Cache for WordPress plugin.

	Current	Recommended
Server level	/home/lscache/	/home/lscache/
VHost level	lscache*	lscache*

* Virtual host cache root path is relative to each users home directory.

2



Discovering New WordPress Installations...

Scanning 19 out of 19 ... Scan Complete!

Currently scanning for all WordPress Installations located under a /public_html/ directory.
If performing a **Scan/Re-scan**, all installations will be found and added to the Cache Manager list.
If **Discovering New**, only installations belonging to users not already in the Cache Manager list will be discovered.

3

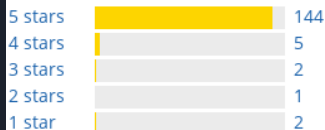
Mass Enable

LiteSpeed Cache will be enabled for all WordPress installations not currently flagged. For WordPress installations that do not already have the plugin, **LiteSpeed Cache for WordPress 1.8.3 will be installed**. This can be changed anytime in the [Version Manager](#).

Start

What users are saying about LSCache...

Ratings



GreatRubino (@greatrubino)

6 days, 7 hours ago

Simply the best caching plugin out there.



Bjarne (@oldrup)

4 months, 3 weeks ago

Impressive. Properly configured and tested, its possible to achieve excellent ratings on GTmetrix and Pingdom (and real life load speeds).



All4Diving Phuket (@all4diving)

4 months, 1 week ago

Great plugin and easy to use. If you are using Litespeed solution, this is the perfect plugin for.

The Best ★★★★★ Started by: webtium	1	0	22 hours, 16 minutes ago webtium
Great plugin ★★★★★ Started by: adriansuhanea	1	0	2 days, 5 hours ago adriansuhanea
Excellent! ★★★★★ Started by: jesspine	1	0	6 days, 2 hours ago jesspine
Great ★★★★★ Started by: GreatRubino	1	0	6 days, 7 hours ago GreatRubino
Super Awesome ★★★★★ Started by: aCstudent	1	0	2 weeks ago aCstudent
For our server clients, it's the go to ★★★★★ Started by: gerard70	1	0	2 weeks, 1 day ago gerard70
Fails to purge - Revisited ★★★★★ Started by: weebiz	5	12	2 weeks, 4 days ago LiteSpeed Lisa
Works well, good documentation, and fantastic support responses ★★★★★ Started by: icepicku	1	0	3 weeks ago icepicku



Our LSCache Plugins



QUIC

Cutting Edge Technology To Improve Overall Speed





What makes QUIC quick?

Reduced connection-establishment time for a speedier page load.

Multiplexed to avoid blockages caused by lost packets.

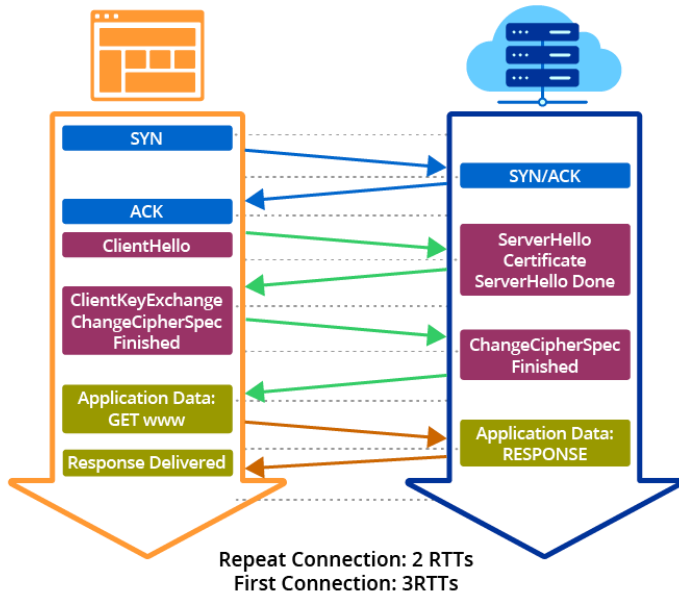
Improved congestion control and network efficiency for a better user experience.

Effectively handled connection migration in a highly-variable network environment.

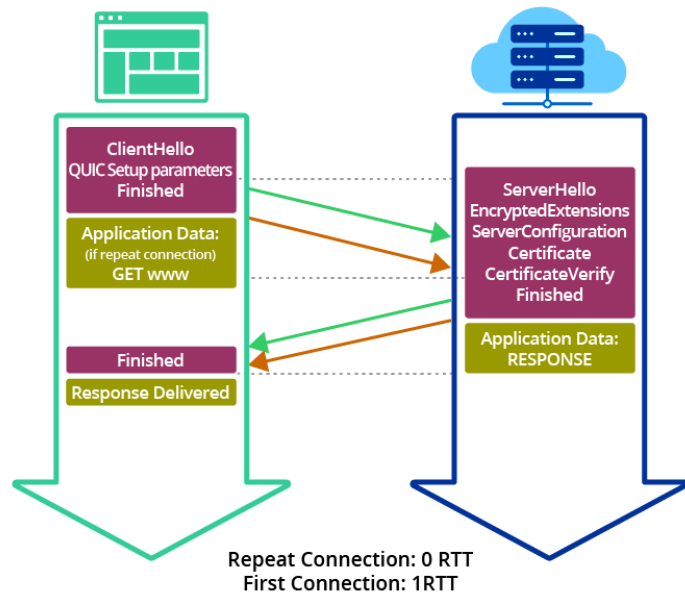
Engineered to reduce latency due to handshake and packet loss.

Now, isn't this QUIC?

HTTP/2 handshake



QUIC handshake



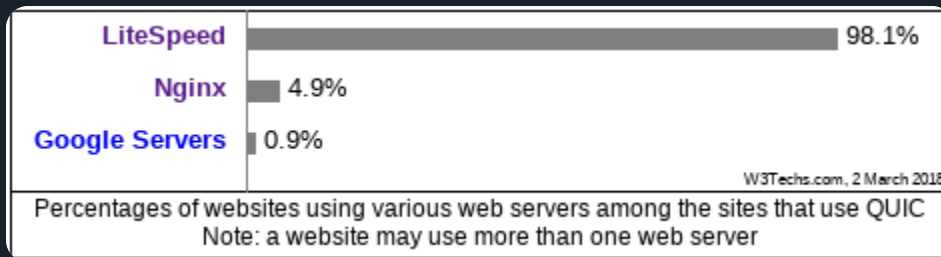
How do you get QUIC?

QUIC is still a new protocol developed by Google.

QUIC is already enabled by default in Chrome since August 2013.

LiteSpeed Web Server is the only production ready Web Server that supports QUIC.

LiteSpeed also has an Open Source QUIC client available on GitHub for anyone to use.





What does all this mean for your current infrastructure

You can...

- Keep your current infrastructure
- Fit more clients on your hardware without overloading
- Reduce the overall server load
- Drastically speed up web sites

This all means achieving your goals of keeping customers happy, increasing profits, and reducing resources!



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