



Securing MySQL with wolfSSL

Progressive Performance and Security

Switching from Old to New

MySQL Community Edition has traditionally shipped with and been secured by the yaSSL (yet another SSL) SSL/TLS library. yaSSL was written in C++ and created in 2004 by the founders of wolfSSL for the purpose of securing the MySQL database.

Although yaSSL has been maintained through bug fixes and vulnerability patches, active development now takes place on wolfSSL. wolfSSL is an Open Source, lightweight SSL/TLS library written in C by the same founders that wrote yaSSL. It brings with it portability and security advantages in addition to progressive features in the field of SSL/TLS and cryptography.

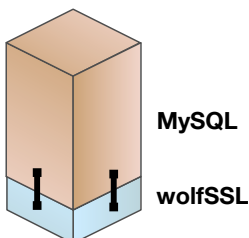
Interested in being a BETA tester?

wolfSSL has completed a port of wolfSSL SSL/TLS and wolfCrypt into MySQL. We have the patch ready to go and are interested in finding passionate BETA testers like you! If this sounds interesting to you, or you want to take the port for a “test drive”, introduce yourself or contact us at info@wolfssl.com!

Advantages to wolfSSL over yaSSL

wolfSSL provides full documentation, examples, and API reference for wolfSSL and wolfCrypt. These references, along with a simple API, allow developers to get up and running with SSL/TLS and crypto quickly and efficiently.

- **Protocol Support**
 - Up to TLS 1.2 support
 - yaSSL only supports up to TLS 1.1
- **Memory Usage**
 - Optimized runtime memory usage
- **Progressive algorithm Support**
 - ChaCha20, Poly1305, Curve25519, Ed25519, NTRU, BLAKE2b, and more!
- **Hardware cryptography Support:**
 - Intel AES-NI, AVX1/2, RDRAND, RDSEED
 - Cavium NITROX
 - STM32, Freescale, and more!
- **Platform / OS Support**
 - More extensive platform support
 - Available from Ubuntu repositories
- **Widely Used and Tested**
 - Securing over 1 Billion endpoints
 - Most tested SSL/TLS in the world



Learn More

For more information about using wolfSSL with MySQL, please contact wolfSSL at info@wolfssl.com, or visit www.wolfssl.com.

www.wolfssl.com

Copyright © 2016 wolfSSL Inc. All Rights Reserved