



CyaSSL Benchmarks

CyaSSL provides lightning fast encryption in a small form factor. Embedded platforms are resource limited in both memory and MIPS. CyaSSL can provide efficient encryption for these limited systems. CyaSSL can also be leveraged onto high volume servers supporting many thousands of connections because it consumes very little memory per connection.

High Throughput

The upper graph compares the number of cleartext SQL queries per second against a database store and the same data accessed in cleartext connections to a memcached store showing a baseline access time. The graph also shows the same queries against the memcached store using connections encrypted with AES-256-SHA1, RC4-SHA1, and HC-128-MD5. The queries were made over existing connections to emphasize data throughput. All values are in queries per second.

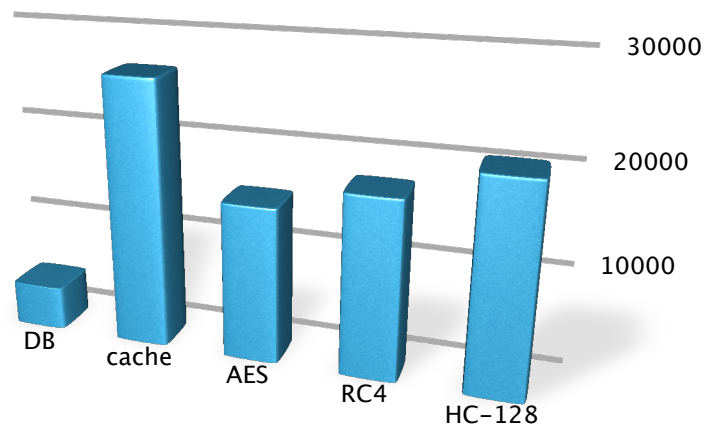
Low Server Load

The lower graph compares the number of new TLS connections per second using several SSL modes. Testing was performed by establishing 5,000 connections and normalizing the result to one second to emphasize server load.

Learn More

For more information about CyaSSL, please contact us at info@yassl.com, or visit our website www.yassl.com.

Queries per Second



New TLS Connections per Second

