ASYNCHRONOUS ADVANTAGES FOR WEB SERVERS

Realize multiple asynchronous advantages for your SDI environment with OpenSSL® 1.1.0, Intel® QuickAssist Technology, and NGINX® 1.10.

INCREASE PARALLELISM & THROUGHPUT

OpenSSL® is estimated to encrypt 66% of all active websites. Use processors more efficiently and reduce hardware costs by using asynchronous OpenSSL to enable parallel management of jobs.

GET UP TO 5.6X MORE CONNECTIONS PER SECOND²

Asynchronous support in OpenSSL 1.1.0, combined with Intel® QuickAssist Technology and NGINX® 1.10 load balancing, increased connections 5.6x over software and 3.9x over sync invocation for the same configuration.²

BOOST SERVER EFFICIENCY

Asynchronous mode, single thread/process

Synchronous mode, multiple threads/processes

GET STARTED

The Intel® Xeon® processor E5-2600 v3 product family with Intel® Communications Chipset 8950 and Intel® QuickAssist Technology enhances SDI capabilities.

Software and systems used in system-level tests may have been optimized for performance only on Intel® architecture. Performance tests are based on specific software, in specific situations. Performance tests may not be applicable to all users. Check with your system manufacturer or retailer or learn more at intel.com.

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