



Eolas keeps hosting competitive

Eolas offers a snappier online experience for Web visitors and cuts energy use in its data center



“When the performance is smooth, it’s less stress for everyone in the data center. The higher performance of the Intel® Xeon® processor E5-2600 v3 product family improves operational stability for Eolas and helps us to cut our energy footprint.”

*Johann Locatelli
Manager, Hosting Business
Eolas*

Company

Eolas, part of Business & Decision Group France, provides Web hosting services to a range of clients, especially for public sector, marketing, and ecommerce applications. Its clients include Orange, Honda, Total, and BNP Paribas. Although customers can rent infrastructure from Eolas, the company usually provides a complete hosting service, which includes taking responsibility for uptime and performance.

Challenge

Hosting is a competitive business, so Eolas needs to continuously improve the performance and efficiency of its infrastructure to ensure that visitors to the websites it hosts have a smooth experience. If Eolas fails to meet its service level agreements (SLAs), it risks losing customers to rivals, as well as having to compensate customers financially. Eolas must be energy efficient, and publishes energy consumption metrics from its data center online.

Solution

Eolas ran a benchmark to test the performance of the Intel® Xeon® processor E5-2600 v3 product family compared to the Intel® Xeon® processor E5 family, which it was already using in its data center. One of its customers has a website that receives a peak of 30,000 transactions a day, so Eolas used this site for the test. Neoload* was used to simulate website visits, including navigating pages and filling in forms. StressLinux* was used to test the health of the processor under a high load.

Benefits

According to Eolas’s own internal tests¹, the Intel Xeon processor E5-2600 v3 product family has a faster response time than the Intel Xeon processor E5 family at equal frequency. This enables visitors to hosted websites to have a smoother experience with less delay and enables Eolas to offer a competitive SLA, even for a large number of simultaneous visitors. The newer processor offers an increase of 12 percent in the average number of pages displayed per second. Eolas’s data shows that the newer processor offers twice the processing performance at comparable power consumption levels, enabling greater hardware consolidation. Efficiency savings result from having less hardware to manage and keep cool. Eolas is now deploying servers based on the Intel Xeon processor E5-2600 v3 product family.

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