SCALEARC

Case Study

IGNITETECH'S SCALEARC HELPS HOMECEU WITH LOAD BALANCING

Company
HomeCEU

Industry
E-Learning

IgniteTech Product
ScaleArc

Customer Website
homeceuconnection.com

HomeCEU is a leading provider of online continuing education and training for physical therapists, occupational therapists, speech language pathologists, athletic trainers, massage therapists and certified strength and conditioning specialists.

BUSINESS CHALLENGE

HomeCEU provides online courses and professional training for healthcare professionals online. They maintain a Learning Management System (LMS) that is home to courses for B2B and B2C customers, where users can search for courses based on region, license type and duration.

With HomeCEU growing at an unanticipated rate, the business needed a reliable and quick way to serve course information to their customers without any delays or downtime.

SOLUTION

We spoke with HomeCEU's Senior Software Engineer, Carlos Copto, who explained how their technical team knew that the sudden growth they were experiencing would impact the speed at which their databases were performing and serving course content. To avoid degradation in service, early signs of which had been observed in how the DB was reading, the HomeCEU team made the decision to use IgniteTech's ScaleArc solution.

The solution was selected for its core caching ability which dramatically improved the speed and availability of their database.

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Copto went on to explain how not too long ago, they had a senior developer working on the application to get requirements from stakeholders, while an infrastructure engineer helped ensure all systems and services were kept online. As the business grew, this type of application and infrastructure management was no longer sustainable, and the need for managed services began to surface. Coupled with the increased number of courses and registered users, the HomeCEU LMS application slowed down significantly, bringing to light the need for high availability, scalability and speed.

The technical team at HomeCEU reviewed and tested several solutions but found ScaleArc to offer the best experience. "We initially used proxy SQL for a little while for load balancing, as at the time ScaleArc did not have the feature," explained Copto. "We tried the solution for a short while, but the caching really wasn't very good."

ScaleArc, with fewer resources, was able to deliver superior performance over competing solutions.

"ScaleArc was performing better with one server compared to proxy SQL that was running on multiple servers."

For HomeCEU, cost was not a deciding factor when selecting ScaleArc as a solution. Their priority was to provide users with the best performance and customer experience possible.

Copto and team aim to continue using ScaleArc to support the company's growing number of courses and application userbase.

BENEFITS

- ✔ **Improved Performance** — ScaleArc enables the HomeCEU LMS application to deliver service without experiencing any degradation in performance.

- ✔ **Scalability** — With ScaleArc, HomeCEU is able to add courses and support more users.

LEARN MORE

To learn more about how IgniteTech's ScaleArc solution can help enable uptime, performance and scale for your critical applications visit ignitetech.com/scalearc.

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