ZENQ

PERFORMANCE TESTING FOR A LEADING E-COMMERCE SOLUTIONS PROVIDER

ABSTRACT:

A Case study on how performance of an e-commerce application has improved significantly after the load test execution by ZenQ.

Client:
A leading E-commerce solution provider

Industry:
E-commerce

Offering:
Performance Testing

Client

Client is an ecommerce company based in U.K developing online shopping applications for its customers across the globe.

Product and Challenge

Our client had a shopping cart application developed that was expected to go-live in the Holiday Season. The client observed a couple of outages due to performance issues in the smoke tests performed by the In-house QA team. In order to minimize these issues in the production site client was interested in knowing about the number of simultaneous end users that can be handled by the application.

Solution Offered

Client has chosen ZenQ for evaluating the capacity of the application for its reputation in executing the load test projects.

Our dedicated Performance Test Engineers from the Performance Testing Centre of Excellence (CoE) identified the core business scenarios of the application from Client requirements and developed load test scripts for the capacity test.

After the first run our team was able to identify the performance bottlenecks in the application by analysing the results collected from the test.

A report with detailed analysis about the performance bottlenecks and suggestions to improve the performance of the application were shared with client which made the developers' job easy to fix the performance issues. Test runs were repeated to validate the fixes provided by developers and thus make steady improvement in the performance of the application.

After several test runs executed by ZenQA, client was able to achieve its business requirement on the number of concurrent users supported by the application.

Apart from the capacity test our team was able to identify 'Memory Leak' issues by executing stress test for long durations.

Outcome

Load tests conducted by ZenQ have increased the revenue generated from the product. Improved performance in the application has resulted in good reputation in the competitive market and fetched large number of customers for their application.

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About ZenQ

ZenQ is a global provider of high quality Software Development & Testing Services, offering cost effective value-add outsourcing solutions to our clients. Our highly competent IT Professionals, Domain experts, combined with industry best practices & our investments in state-of-the-art technologies makes us a dependable and long-term IT service partner to all our clients

For more information, email us at : **sales@zenq.com**   **OR**   Visit us at   **www.zenq.com**