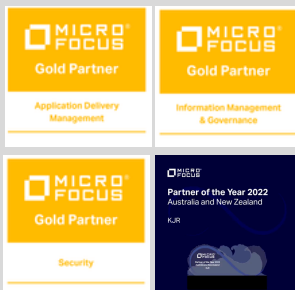


Client: Leading gaming and entertainment group

Project: Performance Testing

TOOLS & TECHNOLOGIES



ABOUT US

Our services are purposefully designed to provide a cohesive experience for organisations embarking on digital transformation. Our business aptitude is your advisory, our technical skills are your project delivery and our training roots enables your team to build upon success.

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BACKGROUND

This gaming and entertainment company's ecommerce platform faced challenges with performance during a promotional high concurrent user load event. Specifically, their ecommerce platform experienced slow response times during a promotional event, impacting user experience and overall business reputation. To address these issues, the client migrated their ecommerce platform to Kentico 13 and engaged KJR, a trusted software quality engineering consulting firm, to deliver performance testing services to quantify the new Kentico 13 ecommerce platform performance.

CHALLENGE

The client needed to improve the performance of their ecommerce platform to enhance customer satisfaction. The challenge was to identify and address the performance bottlenecks within their ecommerce platform and address these performance bottlenecks prior to the next promotional event.

SOLUTION

KJR consultants collaborated closely with the client team to design and execute a comprehensive performance testing approach. The team utilised various tools and technologies, including JMeter, Adyen payment gateway, Realistic Test Data, Groovy scripting, Azure (Front Door), and Kentico 13. KJR developed a comprehensive performance test plan, created a set of reusable automated JMeter scripts for testing, and executed performance testing using the KJR load farm. The performance testing was conducted on the client's Azure tenancy.

DELIVERABLES

The project deliverables included a detailed performance test plan, reusable automated JMeter scripts for performance testing, and comprehensive performance test execution reports describing the performance test outcomes in plain English. Throughout the engagement process KJR provided valuable recommendations for improving the performance and scalability of the ecommerce platform

KEY OUTCOMES

KJR identified performance issues that were addressed prior to go-live, resulting in highly efficient and high-quality end user experience. The project was completed two weeks ahead of schedule, providing the client with a competitive edge in the market.

VALUE TO CLIENT

The performance testing services provided by KJR added immense value to the client. The optimised ecommerce platform will improve overall operational end user experience. The enhanced user experience will result in increased customer satisfaction and loyalty. The client can now rely on their ecommerce platform to handle high concurrent user loads without performance degradation, ensuring smooth operations during promotional high concurrent user load periods.