



# Performance Testing of Enterprise Application using JMeter



TalentPace brought in standardized performance testing processes provided ability to handle additional 500 concurrent users without additional hardware procurement.

## Customer Profile

The client is a leading fortune 500 company established with operations in more than 25 countries, the IT systems support cloud based system.

## Business Scenario

- Customer is having Sales Management product which is a globally accessed application used by 3000 concurrent users. Business users raised concerns at organizational IT forums about the application's problematic performance.
- IT personnel decided to conduct performance testing to determine the root cause/bottleneck, as well as to fine tune the application in order to enhance performance. Performance response time requirement defined as within 5 seconds of end user request.
- Application should be stable and responsive with 3000 simultaneous users under peak loads and under stress/capacity load.

## Solution Delivered

- Conduct technical feasibility study to determine that JMeter is most appropriate for carrying out performance testing
- Devise a performance test plan that includes critical business processes, approaches and strategies
- Generate test scripts and scenarios
- Discuss performance reports with all stakeholders
- Suggest fine tuning for improving performance
- Verify that the application responds to user requests in < 5 seconds.

## Business Benefits

- The performance testing processes were standardized and the metrics are reused across projects to monitor the health of the program.
- Enhanced performance with no additional hardware procurement
- Ability to handle additional 500 concurrent users
- Better and faster IT service
- 48 Stored procedures were optimized and 17 Indices were added.

## Technologies

- Java
- HTML5/CSS3
- JMeter
- Perfmon
- Amazon EC2 Cloud



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*Talentpace expertise in QA services had made us believing that we have chosen a right off-shore partner. They helped us achieving our business goals on time without compromising on quality. We would look forward to work with Talentpace in the future.*

**Malai Banerji**

Chairman  
Oakdene, UK

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## About TalentPace

TalentPace is a leading new generation information technology and global consulting services company delivering IT enabled solutions to the customers from across the geographies. Deep industry experience combined with customer centric approach makes TalentPace a remarkable partner in successful business outcomes. Our strong commitment and demonstrable capabilities TalentPace always delivered measurable and sustainable services to our customers. For more information, please visit [www.talentpace.com](http://www.talentpace.com) or write to us at [info@talentpace.com](mailto:info@talentpace.com)

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