



Performance Testing for a Customer Portal in Airline Domain

Client

Client is the world's largest independent provider of airline catering and provisioning services. They are dedicated to culinary excellence, superior service and technological expertise, which they deliver daily on a global basis to more than 250 airline customers.

Challenge

- The client was facing scalability issues with their portal applications
- There was no support/dependency on performance testing and engineering.

Marlabs Solution

- Performance testing for 300 concurrent users using NeoLoad
- Tests covered load testing and scalability testing
- Scalability testing was executed to support 300 users
- Provided independent testing services from our offshore delivery center
- Identified the business critical scenarios to be used for performance testing
- Published a performance test plan to set the expectations for the stake holders
- Created v-user scripts in line with business flow and executed using NeoLoad
- Executed performance testing for each new release on application hosted on test-environment that replicated production-environment
- Profiling of the Application Server for memory issues and bottleneck analysis

Benefits

- The cost effective model resulted in better performance of the application
- Identified performance bottlenecks and reduced the defect turn-around time
- Independent testing increased overall focus on quality processes and improvement
- Expedited software launch to production and reduced effort by 15%
- Reduced the total cost of ownership.

Technologies

- J2EE
- Web HTTP/S
- SOAP-GUI
- Apache
- JBoss
- Oracle
- NeoLoad
- JIRA

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