



Load Testing for an Online Advertising and Marketing Software

About Us

Devstringx Technologies (www.devstringx.com),
Leader in Product Development, Mobile Apps Development and Independent
Software Testing Services, headquartered at Noida, India.
Devstringx is ISO 9001:2015 certified and also a NASSCOM member.
Devstringx has its own Mobile and IoT Test Lab.

The Client

Client is a global creative production hub with close to half a million market cap. A creative back-office that brands and publishers rely on for cross-platform marketing campaigns. Using application user can create, manage and deliver brand assets globally with their workflow technologies.

Business Challenge

Client was getting consistent complaints from his end user regarding the performance issue of the application. Earlier attempts to identify and resolve the performance bottlenecks by the internal team proved to be insufficient. Issues were coming up with load of around 100 concurrent users.

Solution

Client expected a concurrent user load of approximately 100 to 200 users with 250 users in two hrs.

We setup the load test architecture with in the form of hub-node system, where 2 node was used to generate load.

Identified business critical performance tests use cases and designed load test scripts to browse active projects, create and share new project, change status, filters, activity feed etc.

The system was tested with varying loads, tested with 100, 150 and 200 concurrent users performing over 3,000 transactions over a period of time to exceed the maximum expected load and verify the available usage level.

Benefits

Load test scripts revealed problems with various service like activity feed and project creation. These issues were corrected, and further test cycles completed within the expected deadline. Few more customisation allowed the test to successfully exceed the initial maximum load for the system under test. After analysis of test result and corrective actions, the client had a successful deployment of their system.