

Title:

Scalability testing: 7 steps to success

Word Count:

636

Summary:

Very large scale software systems are a breed apart: scalability is vital to their success. I

Keywords:

Scalability, Load Testing, Performance Testing, Risk Based Testing

Article Body:

Systems that work well during development, deployed on a small scale, can fail to meet perform

An apposite example of this comes from a major blue chip company that recently outsourced the

This is not an isolated case. IT folklore abounds with similar tales. From ambulance dispatc

Recent trends towards Service Oriented Architecture (SOA) attempt to address the issue of scal

Better practice is to start the development of a large scale software system with its performa

1. Research and quantify the data volumes and transaction volumes the target market implies.

2, Determine the way features could be presented to users and the system structured in order t

3. Recognise that an intrinsic part of the development process is load testing at representati

4. Ensure load testing is adequate both in scope and rigour. Load testing is not just about m

5. Don't forget that failures will occur. Large scale systems generally include server cluster

6. Don't forget catastrophic failure could occur. For large scale problems, disaster testing a

7. Recognise external services if you use them. Where you are adopting an SOA approach and are

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