



“ We need to bring new services online quickly and meet expected service levels ”

THE COST OF INTEGRATING NEW APPLICATIONS

Very few IT organizations fully understand that correcting capacity and performance issues costs a lot less before deployment than after.

Source: *Forrester – The Capacity Planning Software Market, June 2007*

CHALLENGES

- Improving the speed of testing processes
- Reducing the costs of testing
- Increasing the flexibility of testing and conducting what-if experimentation
- Predicting service performance before putting into production
- Overspending on hardware to ensure performance

GOAL: LAUNCH NEW SERVICES QUICKLY

Integrating new applications into your server environment involves considerable risk. How do you ensure that the applications will perform as required? That your servers are adequately configured for the applications? That desired performance will be achieved when a production-level workload is applied? In order to prepare critical applications for production, you need a way to determine the optimal system configuration and to validate readiness for the workload stress of your production environment.

- What is your process for integrating new applications?
- Are you satisfied with this process in terms of results, time, costs, and required resources?
- What are your major challenges in provisioning and validating new applications?

RETHINKING THE PROBLEM

TeamQuest can help you bring new applications online quickly, cost effectively, and with confidence in the ability to meet desired service levels. Prior to deployment, you can use our modeling and performance monitoring software to pre-test applications and hardware configurations under real-world conditions and varying workload demands. This information helps you determine the optimal configurations to support your new applications while controlling the costs of their testing and deployment.

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CONSIDERATIONS

What if you could ensure that your applications performed to requirements before you put time and effort into configuring them?

What if you could determine the optimal software-hardware configuration prior to testing?

What if, when bringing a new version of software online, you could pre-test its performance against the current version being run?

What if you could significantly reduce time in the test lab while increasing the accuracy of your performance projections?

HOW TEAMQUEST CAN HELP YOU BRING NEW SERVICES ONLINE

Validate application performance

Validate new applications early in the development process to ensure performance before network integration.

Determine optimal application/hardware configuration

Determine optimal application/hardware configurations without changing any hardware and without delaying deployment schedules by predicting performance under scaled-up, production-level workloads.

Capture baseline performance data

Predict and prepare for performance issues that may result from software upgrades. Pre-test software upgrades and identify potential performance variations before they affect service levels.

Model production scenarios to test performance

Determine the most cost-effective server environment required to meet service objectives for new applications. Anticipate resource requirements for future workloads and experiment to find optimal configurations before you invest in changes to hardware or software.

In fact:

Orange, a service provider for both commercial and consumer wireless communications, relies on an enterprise-wide CRM system, called Orchidee, to manage all customer information. As the system architecture evolves, Orange uses TeamQuest software to ensure every application related to Orchidee is running properly. They use TeamQuest software in their test center to verify both hardware and application benchmarks before they are put into production throughout the enterprise.

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