



“We need to optimize our virtualization strategy.”

VIRTUALIZATION HAS ARRIVED

In an online survey of 226 global IT decision-makers, the top two challenges identified in managing performance in a virtual environment were 1) performance problems are more difficult to resolve (50%), and 2) the server size needed to support the virtual containers is difficult to evaluate (42%).

Source: 2009 online survey conducted by Forrester Consulting on behalf of TeamQuest

CHALLENGES

- **Planning** —
Verifying you've chosen the right applications for virtualization
- **Configuration** —
Predicting performance in order to identify the lowest-cost environment
- **Management** —
Alerting, monitoring, reporting and analyzing performance to ensure service levels are met
- **Cost Justification** —
Providing objective data as input to a business case for virtualization

YOUR GOAL: LOWER COSTS AND INCREASE EFFICIENCY IN A VIRTUALIZED ENVIRONMENT

Virtualization has proven to be a breakthrough in networking infrastructure. With its flexibility, adaptability, and reduced technology requirements, virtualization alleviates many problems associated with the traditional client-server environment, such as low resource utilization, management control, and security issues.

Unless the transition to virtualization is carefully planned, implemented, and managed, however, IT managers can find themselves contending with a similar set of problems in the new environment. A cohesive virtualization strategy – combined with the tools to develop and implement it – is critical to realizing all the advantages of virtualization.

- How prepared are you to transition to a virtualized environment?
- Have you performed capacity planning for virtual servers?
- Do you have a plan for monitoring and managing performance?
- How will you handle hardware changes and upgrades?
- How comprehensive is your strategic planning for virtualization?

RETHINKING THE PROBLEM

TeamQuest's cohesive set of performance monitoring, reporting and capacity planning software helps you move into virtualization confidently, efficiently, and successfully. Our predictive modeling and capacity planning solutions enable you to verify accurately which applications will perform in a virtualized environment. Further, our modeling technology can help you find the optimal configuration of your virtualized environment – before you incur the time and expense of implementation.

TeamQuest's easy-to-use performance and capacity management tools offer integrated visibility over your physical and virtual environment. And, with our capacity planning tools, you have objective performance data to use as input to a business case demonstrating to business unit managers the functional and economic value virtualization delivers.

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CONSIDERATIONS

What if you could acquire empirical data that would confirm the applications selected for virtualization will meet your cost-reduction and/or performance improvement objectives?

What if you could avoid costly and time-consuming provisioning errors by accurately predicting virtualized application performance before implementation?

What if you could manage performance and capacity of your virtual and physical environment with one management tool?

What if you could easily provide empirical data to business managers demonstrating the functional and economic value of virtualization?

HOW TEAMQUEST HELPS YOU OPTIMIZE VIRTUALIZATION

Verify applications for virtualization

Eliminate guesswork and approach virtualization with greater confidence. TeamQuest's capacity planning and modeling solutions deliver empirical data on server and application resource utilization, enabling you to confirm that the applications selected for virtualization will meet your cost-reduction and/or performance improvement objectives.

Model and test virtualization scenarios prior to implementation

Easily determine how applications will perform in a virtualized environment before you incur the time, expense, and disruption of implementing them. TeamQuest's predictive modeling capabilities enable you to establish a baseline environment and test various scenarios to quickly and accurately predict virtualized application performance.

Alert, monitor, report and analyze performance to ensure service levels are met

Proactively and precisely monitor performance and manage change after transitioning to a virtualized environment. TeamQuest's easy-to-use management tools give you integrated visibility and control over your physical and virtual environment.

Provide objective data as input to your business case for virtualization

Present independent, unbiased results to support your business case for moving to a virtualized environment. TeamQuest's predictive modeling and reporting capabilities can help you demonstrate to unit managers that their business objectives and SLAs will continue to be met — or even exceeded — through virtualization.

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