



“We need to optimize our virtualization strategy.”

VIRTUALIZATION HAS ARRIVED

In a 2007 IDC survey of 19 North American-based IT organizations, 80% of the companies reported adding virtual machines to their systems management portfolios.

Source: “Survey Identifies Major Trends in Virtualization Management,” GRIDtoday, January 29, 2007

In an August 2007 survey of IT organizations participating in the Gartner Infrastructure, Operations and Management Conference, the top two challenges identified in managing virtual server environments were (1) controlling virtual machine sprawl (37%) and (2) pre-consolidation planning (34%).

Source: Gartner Research ID G00150070 August 29, 2007

CHALLENGES

- **Planning** — Identifying the right applications for virtualization
- **Configuration** — Creating the optimal environment for virtualization
- **Management** — Controlling and maintaining a virtualized environment
- **Cost Justification** — Demonstrating performance and impact to sell the business on 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 upgrades and maintenance?
- How comprehensive is your strategic planning for virtualization?

RETHINKING THE PROBLEM

TeamQuest’s cohesive set of provisioning and management software help you move into virtualization confidently, efficiently, and successfully. Our predictive modeling and capacity planning solutions enable you to easily and accurately identify the right applications for virtualization and configure the optimal virtualized environment — before you incur the time and expense of implementation.

Easy-to-use performance management tools offer integrated visibility and control over your physical and virtual environment to help you monitor performance and manage change effectively. And, with ongoing empirical data documenting the benefits of virtualization, you can construct 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

Identify 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.

Monitor, measure, and manage your virtualized environment

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.

Document 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.

www.teamquest.com
info@teamquest.com