



Microsoft®

System Center Virtual Machine Manager 2008

Performance and Resource Optimization Solution Brief



Quest Software's PRO-enabled management pack for non-Windows® operating systems and non-Microsoft® application technologies enables intelligent virtual machine tuning based upon non-Microsoft system resource, network storage, and application monitoring as well as user-definable numeric thresholds.

- Microsoft System Center Operations Manager 2007
- Microsoft System Center Virtual Machine Manager 2008
- Quest Management Xtensions - Operations Manager 2007 Edition
- QMX for Operations Manager - System Center Virtual Machine Manager PRO Tips Management Pack
- Windows PowerShell™
- WSF
- Jscript
- VBScript

Quest Management Xtensions - Operations Manager 2007

Enable virtualization alerts from non-Windows® systems and applications to render in the Microsoft® System Center Virtual Machine Manager 2008 console in the form of Performance and Resource Optimization (PRO) Tips.

Today's IT environments are very complex, typically including a mix of physical and virtual environments running both Windows® and non-Windows operating systems and applications—making end-to-end administration cumbersome. Administrators often use multiple tools, scripts, and consoles to manage their environment, but this is highly inefficient and prevents organizations from maximizing their investment in both human and technological resources.

Quest Management Xtensions - Operations Manager 2007 (QMX) comes with a System Center Virtual Machine Manager PRO Management Pack enabling virtualization alerts from non-Windows systems and applications to be exposed in the System Center Virtual Machine Manager 2008 (SCVMM) console along with PRO Tips. These PRO Tips enable virtualization administrators to identify which resource(s) in the virtualization stack (both hardware and software) are impacting the health of the overall virtual environment and give prescriptive guidance for resolution.

Integrating QMX into SCVMM is a logical move because the solution allows for management of *nix systems and heterogeneous applications (in addition to hardware level monitoring) from a single pane of glass - making SCVMM a more comprehensive virtualization management and administrative tool. The ability to manage non-Windows systems complements the native Microsoft desktop and server workload optimization that is delivered in SCVMM by System Center Operations Manager 2007 (SCOM). Like SCVMM, QMX supports both Microsoft's Hyper-V™ virtualization technology as well as VMware hosts. Again, QMX natively integrates into the System Center infrastructure - providing a common interface for administrators. QMX and its nearly 250 management packs including the PRO Tips pack, is delivered on an agent-less

Make System Center Virtual Machine Manager a more complete virtualization management and administrative tool:

Leverage one centralized management console to manage your entire heterogeneous enterprise—for both your physical and virtual infrastructures.

For More Information:

www.quest.com/QMXPROManagementPackTechnet

E-mail:

SystemCenterSales@quest.com

PRO Partners:

www.microsoft.com/systemcenter/virtualmachinemanager/en/us/pro-partners.aspx

architecture and provides coverage for non-Windows operating systems (AIX, Solaris, any *nix, Mac), databases (Oracle, DB2, MySQL), networking devices/appliances (Cisco, NetApp, APC [power/cooling]), and mid-range/mainframe environments (IBM AS400, IBM z/OS), plus much more!

Quest enables administrators working in heterogeneous IT environments to ensure that applications and services in both physical and virtual environments are available and operating at optimal levels across the enterprise, at the lowest possible cost—regardless of platform.

About Microsoft Virtualization Management Solutions

Microsoft System Center Virtual Machine Manager 2008 is a comprehensive multivendor virtualization management solution that enables easy and fast consolidation of physical servers and rapid provisioning of new virtual workloads. Another feature of System Center Virtual Machine Manager is performance and resource optimization (PRO) which helps ensure that physical resources within a virtualization environment are being managed efficiently and that virtualized workloads are meeting service level agreements. PRO also provides an open and extensible framework, enabling partners to utilize this new technology for the creation of management packs for virtualized applications or associated hardware. In building these management packs enabled for PRO, partners can create a customized solution combining their offerings with the comprehensive monitoring and issue-resolution capabilities of PRO.