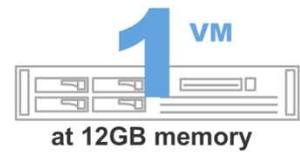


More Kingston server memory means more database virtual machines



Kingston
TECHNOLOGY



OUR FINDINGS

Consolidating database servers with virtualization technology allows companies to reduce energy usage, save data center space and lower management costs. In Principled Technologies' tests in our labs, adding Kingston® memory to a server dramatically increased the number of database virtual machines (VMs) the server could support. In fact, the increase in VMs the server could support increased proportionally with the increase in RAM.

OUR PROCESS

We used the open-source DVD Store benchmark, which provides a workload representative of a real-world database application, to determine how many comparably performing virtual machines a server could run with four different memory configurations. Our server ran VMware® vSphere 4,™ and the VMs ran Microsoft® Windows Server® 2008 R2 Enterprise Edition with Microsoft SQL Server 2008.® See our complete report at http://principledtechnologies.com/Clients/Reports/Kingston/Database_virtualization.pdf.

