

Manage resources within your virtual machines - guarantee performance for mission critical applications and run multiple applications safely in the same guest

Maintaining a stable environment on both the guest and the host is critical when hosting multiple virtual machines on a server. Enterprise virtualization solutions allow resource management at the host level, but after the resource is delivered to the guest there is no guarantee as to where or how this resource is utilized within each virtual machine. SmartPeak WLM extends the resource management of virtualization products to offer an end to end solution of how your resource is managed.

Guarantee performance

Running one mission critical application per virtual machine is no guarantee of performance - other processes within the guest such as anti-virus, management tools and agents can compete for resource, affecting the performance of the key application. By dynamically allocating resources within the guest, SmartPeak WLM ensures quality of service is not compromised by secondary system processes.

Higher consolidation ratios

With SmartPeak WLM you can guarantee resources to your key applications without needing to isolate them in individual VMs. Because SmartPeak WLM gives you control at the application level within the virtual machine, you can now run multiple mission critical applications within a single guest, reducing virtual server sprawl. The benefits are obvious – less operating systems means less to manage and less cost!

Cost Effective Licensing

SmartPeak WLM is licensed based on the number of physical processor sockets available to the host virtual system. This license allows you to install the product agent on all Windows virtual machines hosted on the server, providing economical workload management and a cost effective solution for any server or application consolidation.

Key benefits

- ➔ Improve virtualization server consolidation ratios
- ➔ Prevent performance degradation by eliminating resource contention
- ➔ Dynamically allocate resources within each virtual machine
- ➔ Improve QoS from your guest operating systems

Read the HP white papers:

- ➔ SmartPeak WLM with VMware ESX Server
- ➔ SmartPeak WLM and Microsoft Virtual Server

“When virtual machines were required to perform system-intensive tasks that resulted in resource conflicts, SmartPeak WLM allowed the primary application to complete in 20-38% of the time taken without SmartPeak WLM”

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End-to-End Resource Management in a virtualized environment

Inside each virtual machine, SmartPeak WLM's market leading technologies distribute processor usage, optimize virtual and physical memory allocation and manage network bandwidth utilization in line with the importance of each application to your business.

By dynamically managing each process's usage of available resource, SmartPeak WLM ensures that your virtual machine continues to run in its optimal state. As a result you can host more applications or support more users per virtual machine while guaranteeing quality of service.

