

VKernel

Cost Visibility, Chargeback and Capacity Virtual Appliance

Data Sheet

In Brief

VKernel is the only VMware Certified Suite of Virtual Appliances for Cost Visibility, Chargeback and Capacity. When your organization is scaling up its ESX environment having visibility into IT costs from business users is a must. VKernel's plug and play virtual appliance solves this challenge within minutes. In addition, VKernel provides essential capacity management information so that you never run out of resources and prevent datacenter downtime.

Download Now at www.vkernel.com.

Benefits

- Measure resource consumption by applications, resource pools and clusters.
- Tight integration with Virtual Center
- No installation needed, 10 minute deployment.
- Gain instant visibility into resource utilization.
- Top-down reporting beyond Virtual Center's capabilities.
- Near zero administration time.
- Built on open source technology, Zero Microsoft fees.
- Never run out of resources.
- Eliminate datacenter downtime.

Why VKernel is needed.

Virtualization is causing the biggest datacenter overhaul in the last 25 years. To make this multi million dollar investment IT organizations must have visibility into and recover costs from its users. To do so requires software that provides visibility into actual resource consumption by business department. VKernel has developed a plug and play virtual appliance and methodology for allocating these costs. Organizations now have the ability to:

- Control VM Sprawl
- Proactively Manage Capacity and Scale with Confidence
- Recover Costs of ESX Environment
- Justify New Hardware

What the marketplace is saying.

"The VKernel appliance functioned well in the appliance model right from downloading from vkernel.com. I was very satisfied with the ease of use and the visibility it provided to the virtual infrastructure."

Rick Vanover, CNET

"While other software vendors target VM resource tracking, at press time VKernel had the virtual appliance market to itself."

Jonathan Berdyck, Network Computing

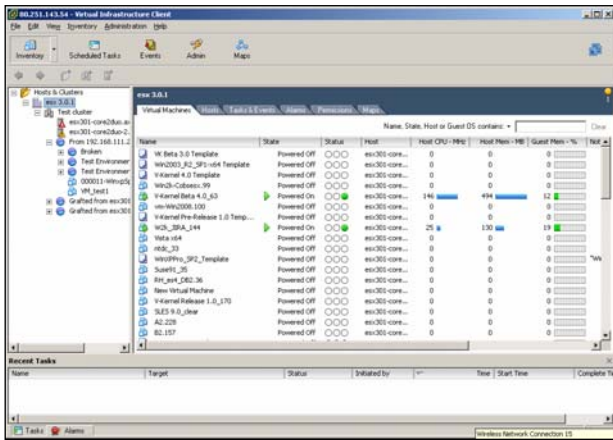
"As virtualization becomes more broadly implemented over the next few years, we expect forward-thinking IT leaders will change their IT chargeback processes now to get ready for it."

*Joseph Pucciarelli,
ITMS Principal Analyst, Technology Financing*

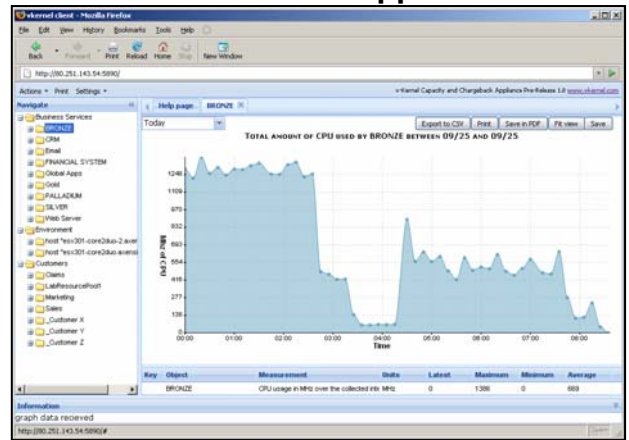
How VKernel works.

VKernel meters CPU, memory, storage and network utilization in your ESX environment. The appliance stores information in a database and generates capacity graphs and chargeback reports. VKernel snaps directly into your existing Virtual Center providing near zero administration effort.

Virtual Center



VKernel Virtual Appliance



- VKernel auto synchronizes with updates to clusters, resource pools and folders in VC.
- VMotion, DRS and HA aware.
- Generate resource consumption reports on the core four - memory, CPU, storage and network.

Enterprise cost visibility & chargeback made easy.

- Easily bill customers based on actual usage of CPU, memory, storage and network utilization.
- Automated invoice generation, set it up once and walk away.
- Add any chargeback items that you want to recover with custom fields such as license fees, cooling costs, labor, etc.

Chargeback report

For Claims
Created 9/25/07 13:12

The report contains cost of consuming resource for today: 25/9/07 - 25/9/07

BRONZE:
 esx301-core2duo.axensis.ru:
 VM list: Suse91_35_vm-Win2008.100
 esx301-core2duo-2.axensis.ru:
 VM list: V-Kernel Beta 4.0_60

Service	Resource	Price, \$/unit	Total units consumed	Cost, \$
BRONZE	CPU	1.0	75.0 Mhz	73.0
	Memory	1.0	141.86 Mb	141.86
	Storage	1.0	3.07 Gb	3.07
	Network	1.0	3.0 Kb/s	3.0
	Cooling Costs	4.6	25/9/07 - 25/9/07	1.76
License Fees	2.0	25/9/07 - 25/9/07	0.77	

* "Total units consumed" column shows the value of the sum average per day.

Total cost: \$ 223.46