

Coyote Point Equalizer™ VLB

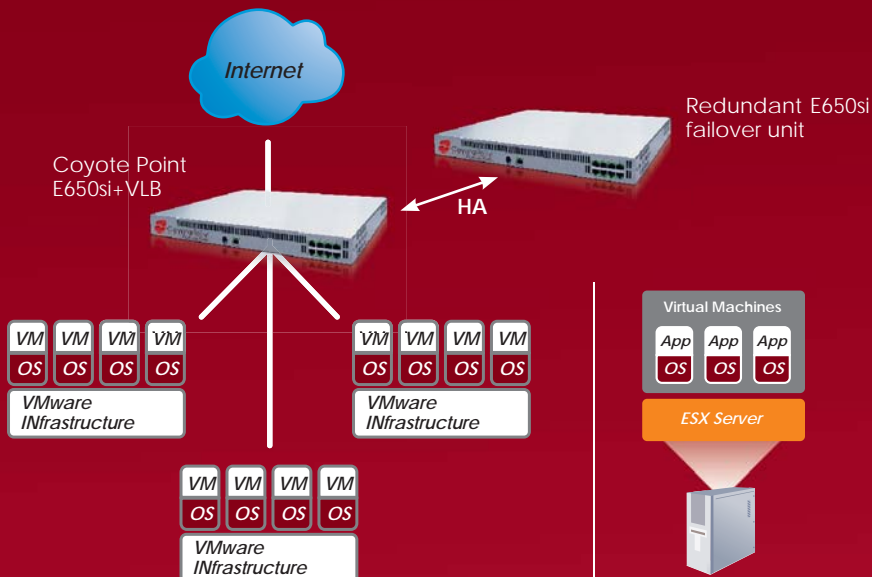


Coyote Point Enhanced Acceleration and Application Availability for VMware Infrastructure

- Enhances VMware to Guarantee Business Continuity
- Tightly integrates with VMware Hypervisor
- Adds Equalizer SSL acceleration, web compression and disaster recovery solutions

Coyote Point is a pioneer in application delivery, application acceleration technology and load balancing for real servers used in data centers. With the introduction of Equalizer VLB technology, optimized for VMware infrastructure®, Coyote Point again leads the pack by offering a low cost solution for enhancing load balancing of VMware virtual servers.

Phase one of Equalizer VLB™, utilizes VMware's management API, to retrieve the real-time virtual server performance information from VMware. This VMware information is combined with Coyote Point's application and network aware capabilities to manage the traffic flowing to VMware ESX server-based Virtual Machines. Equalizer VLB represents phase one of Coyote Point's integration with VMware infrastructure® and is a free download available to users of E350si, E450si, E550si and E650si Equalizer appliances.



Virtualization has firmly established itself as a significant technology changing the way IT manages everything including cost, application deployment, green computing, and storage. The merits of virtualization are felt in several areas, including cost reduction via server consolidation, improving application availability, and allowing desktop computers to be managed centrally. Operating systems and applications are no longer required to run on PCs, but can run on virtual machines in the data center remotely accessible from any PC in the world.

What the Equalizer VLB will do for VMware Servers

Equalizers running the initial version of Equalizer VLB will be able to monitor the VMware infrastructure to determine virtual machine status. Combining Equalizer expertise and awareness of application availability and server traffic trends with VMware's ability to monitor the VMware servers and physical resource utilization creates a synergy delivering overall higher application performance and availability for customers. Coyote Point's Equalizer™ will be able to extract information provided to it by the VMware API and load balance virtual machines with "enhanced knowledge" about what is going on inside the Virtual Machine. Improved plotting in the Equalizer GUI allows these new load balancing methods to be easily monitored.

Equalizer™ VLB_{Beta}

The Equalizer is designed to analyze and understand the HTTP or HTTPS performance environment in ways that ICMP or TCP cannot. For example, assume that a Web server has a database behind it and someone is running a report that takes all of the CPU of a Virtual Machine. Equalizer can pull statistics on the amount of memory in use by the Virtual Machine, the amount of memory by all Virtual Machines on the physical host, and CPU utilization routing traffic to the best available virtual server. All of these statistics guarantee that servers like the one in this example do not receive additional traffic. Equalizer VLB interacts with the VMware infrastructure directly, providing a closed secure system using all available information to adjust traffic loads.

Coyote Point manages changes in real time automatically. Once servers are identified and configured, Equalizer VLB automatically distributes network traffic to a pool of virtual servers. If the virtual server performance in the pool is uneven the Equalizer automatically detects the uneven latency and sends the new traffic to the best available Virtual Machine. If VMware migrates a Virtual Machine to a different physical server to allow the Virtual Machine more resources, Equalizer will simply detect that it has "come back up" and automatically starts sending traffic to it.

Examples of Coyote Point Benefits for VMware Users:

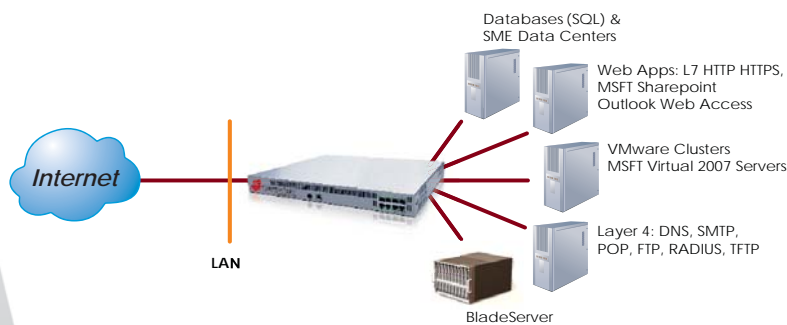
Problem	Without Equalizer VLB	With Equalizer VLB
Application "dies"	Service stops	Provides business continuity
Application Busy (High CPU utilization)	Poor resource utilization. Some users see very poor performance	Better utilization Consistent response times
Slow performance	Build a bigger VM? May not fix the issue plus takes away resources from other VMs	Accelerates applications to improve performance
Business Continuity	Single Data Center	Envoy enables business continuity amongst multiple locations
Poor physical resource utilization	Large VM's difficult to migrate	Fine grained utilization improves resource utilization

Phase Two of Equalizer VLB

Phase Two of Equalizer VLB currently has a release date targeted for the latter part of 2008. This cost effective software module provides even a greater integration with VMware servers and will be available as a software license on Equalizer appliances.

VMware can "slice" Virtual Machines and move them to a server with more available resources. Equalizer VLB Phase Two will enable additional functionality such as tying together multiple VMs to aggregate the performance of multiple VMware servers optimally and allow upward scalability of virtual servers. For example, Equalizer VLB will be able to "prompt" VMware to initiate moving Virtual Machines or when to manage it (shut it down, power it up, etc.) In addition VLB Phase Two

will enable more fine-grained virtualization monitoring of Virtual Machines. Hot spots and the need to overprovision to handle load spikes are eliminated. The fiscal impact is both in reducing capital expenses (fewer servers) as well as reducing operational expenses (power, cooling, and management).



BC Networks is a service provider focused on the healthcare and insurance markets that is already benefiting from this integrated solution. Dave Brewer, President of BC Networks, specifically cites the value of VMware and Coyote Point when talking about his infrastructure. "The tricky thing with blade [servers running a purpose built combination of VMware, Oracle, and Fortinet] is that you need to equip the blades for non-stop availability. This Tricky problem was solved by the highly intelligent Coyote Point Equalizer Series load balancer giving us the availability we needed."

Equalizer + Equalizer VLB - a comprehensive solution

With Equalizer VLB added to the Coyote Point appliance, users will be able to guarantee the uptime of applications delivered by virtual servers, and real servers alike. This provides a comprehensive load balancing and application acceleration solution for today's fast growing small to mid-market organizations. Advanced solutions like redundancy, business continuity and application acceleration can be easily addressed by enabling our traditional Equalizer functionality.

If you want more information on how Coyote Point can add value to your virtualization plans please contact info@coyotepoint.com

About Coyote Point

Coyote Point Systems, Inc. has emerged as the leader in Non-Stop, Affordable Application Availability for the small and midrange enterprise. Coyote Point's award-winning Equalizer Series load balancing and acceleration systems provide the industry's foremost combination of performance, affordability and ease of use. Thousands of customers worldwide deploy Coyote Point solutions to ensure non-stop operations, accelerated delivery and on-demand scalability of business-critical Websites and applications. Coyote Point is headquartered in San Jose, CA and works with leading channel partners in the U.S., Canada, Europe, Asia, Australia and Africa. The company can be reached at 1-877-367-2696 or <http://www.coyotepoint.com>.