Virtual LoadMaster™

Data Sheet

Virtualized Application Delivery & Load Balancing

KEMP
KEMP
Active / Hot Standby

Web & Application | Operations & Management | Exchange, Lync & SharePoint | VDI & Virtual App Delivery

Virtual Environment
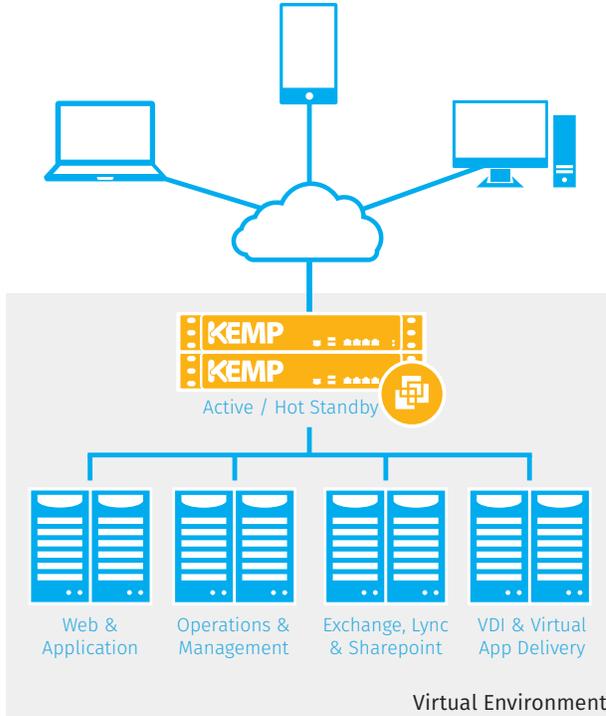
The Virtual LoadMaster™ is an advanced Layer 4-7 load balancing and content switching application delivery controller. Flexible deployment options on a wide array of hypervisor and cloud platforms, advanced software optimization and Enterprise application integration allows the Virtual LoadMaster™ to intelligently and efficiently distribute user traffic and make applications perform better in private and hybrid cloud deployments.

The Virtual LoadMaster™ is an essential component to include for the high availability of critical application infrastructures in virtualized and cloud environments. The latest advancements in Layer 4-7 application delivery technology along with continued platform support expansion makes the Virtual LoadMaster™ the load balancer of choice for providing high availability services in web, application and cloud infrastructures.

Investment Protection

- A single Virtual LoadMaster™ can support up to 1,000 servers, offering scalability for growing environments.
- Time-tested software optimized to take advantage of the underlying hypervisor platform ensures reliability
- Advanced application delivery and security optimization features like content switching, web application firewall, caching, edge security, data compression, intrusion prevention and TLS (SSL) termination provide all of the functionality needed in virtualized application infrastructures
- Native support for enterprise applications such as Microsoft Exchange, Lync, SharePoint, Remote Desktop and the VMware Horizon suite

Cost Containment

- With competitive pricing and unbeatable performance to cost ratio, the Virtual LoadMaster™ allows for shortened realization of ROI
- Comprehensive product maintenance and support included for the first year with every LoadMaster™
- Key functionality included in every Virtual LoadMaster's base price provides the most comprehensive feature set in the industry – further lowering TCO.
- With low overhead for training, administration and setup, Virtual LoadMaster allows for the quickest time to production for line of business and corporate wide applications and web services.

Ease of Use

- All LoadMasters come with an intuitive and simple to use Web User Interface (WUI) and CLI, enabling administrators to easily configure, maintain and integrate LoadMaster™.
- Wizard-driven setup and optimized configuration templates simplifies deployment in existing traditional datacenter and hybrid cloud infrastructures
- Secure SSH and HTTPS WUI remote access, real time performance and availability metrics, SNMP support and REST API allows LoadMaster™ and the applications it supports to be easily managed and monitored to ensure the health and performance of the environment.

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Specifications v7.1

Virtual LoadMaster Model	VLM-200	VLM-2000	VLM-5000	VLM-10G
Hypervisors & Cloud Platforms Supported				
VMware vCloud Air	✔	✔	✔	✔
Microsoft Azure	✔	✔	✔	✔
Amazon Web Services (AWS)	✔	✔	✔	N/A
VMware, Hyper-V, KVM, Xen, Oracle VirtualBox	✔	✔	✔	✔
Specifications				
Balancer Throughput License †	Up to 200 Mbps	Up to 2 Gbps	Up to 5 Gbps	Up to 10 Gbps
TLS (SSL) TPS License †	Up to 200	Up to 1,000	Up to 10,000	Up to 12,000
Layer 4 concurrent connections ‡	3,000,000	3,000,000	3,000,000	3,000,000
Max Servers / Virtual Clusters	1000/256	1000/1000	1000/1000	1000/1000
TMG Replacement	✔	✔	✔	✔
GSLB Multi-Site Load Balancing §	✔	✔	✔	✔

† Specifications are maximum licensed values
‡ As tested with 1 vCPU and 1 GB memory allocated. L4 concurrent connec0ons will scale linearly with addi0onal allocated RAM
§ Available as add-on for VLM-200, 2000, 5000 and 10G. Included with VLMs for public cloud platforms