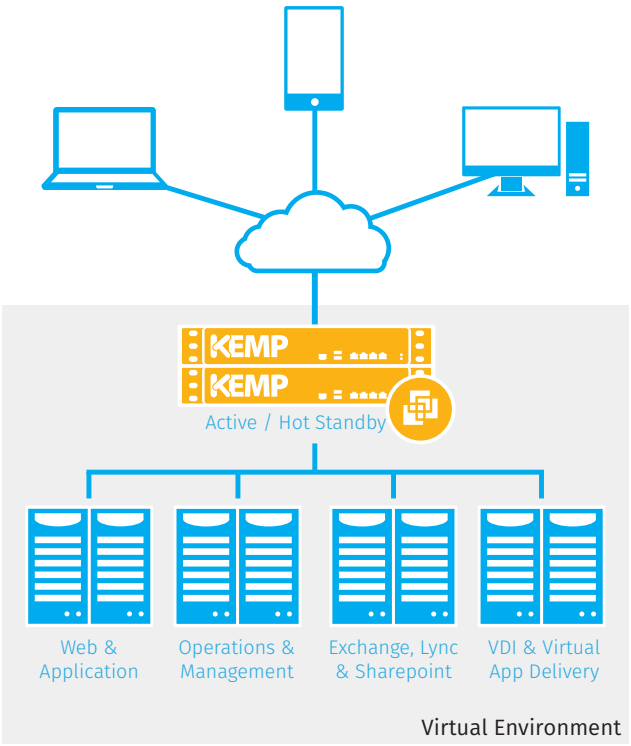
KEMP | LOAD BALANCERS

LoadMaster™ VLM

Data Sheet

- Application Delivery Optimization
- Server Load Balancing
- SSL Offload



The Virtual LoadMaster™ is an essential component to include for high availability of critical line of business applications, internet facing web services and corporate intranets in private and hybrid cloud deployments.

FEATURE	BENEFIT
High performance L4/L7 server load balancing	Ensures each user gets the best application experience possible
Web application firewall pack (AFP)	Protection against application level attacks and simplifies PCI-DSS compliance
Server and application health checking	Guarantees user requests will be only be directed to available severs and available applications
IP and L7 persistence	Ensures that users maintain continuous connections with the specific server where their transactional data is available even if the IP address changes during session
Layer 7 content switching	Optimize server traffic according to content type
TLS (SSL) offload	Optimizes server performance and user experience for encrypted application content
Compression and caching of content	Reduces internal network latency and optimizes bandwidth for best possible client experience
Intrusion Prevention Systems (IPS)	Thwarts application threats in both non-encrypted and encrypted traffic streams

Hardware-Level Performance in a Virtual Package

The Virtual LoadMaster™ (VLM) delivers the award-winning LoadMaster™ advanced server load balancing and application delivery functionality on VMware, Hyper-V, KVM, Xen and Oracle Virtual Box.

Virtual LoadMaster™ installs and runs as a hardened virtual appliance on a dedicated VM. It features the same capabilities of hardware-based LoadMasters™ including L4 load balancing, L7 content switching, SSL Offloading, Application Health Checking, L7 Persistence, Content Caching, Data Compression and Intrusion Prevention. Controlled by an intuitive Web User Interface, the VLM provides an easy-to-use platform for delivering application delivery in virtualized environments.

The Virtual LoadMaster™ is an essential component to include for high availability of critical line of business applications, internet facing web services and corporate intranets in private and hybrid cloud deployments.

Combining the latest advancements in Layer 4 to Layer 7 application delivery technology, LoadMaster™ is the Load Balancer of choice for providing high availability services in cloud, web and application infrastructures.

KEMP | LOAD BALANCERS

LoadMaster™ VLM

Data Sheet

	VLM-200	VLM-2000	VLM-5000	VLM-10G
Support Level Included	1st Year Basic	1st Year Basic	1st Year Basic	1st Year Basic
Max Real (Physical/VM) Servers †	1,000	1,000	1,000	1,000
Max Virtual Services (VIP) †	256	1,000	1,000	1,000
Max Balancer Throughput † *	200Mbps	2,000Mbps	5,000Mbps	10Gbps
TLS(SSL) Transactions Per Second (TPS) † *	200	1,000	10,000	12,000
Layer 4/7 Load Balancing	✓	✓	✓	✓
Web Application Firewall Pack (AFP) **	✓	✓	✓	✓
Content Switching	✓	✓	✓	✓
Caching, Compression Engine	✓	✓	✓	✓
IPS (SNORT-Rules compatible)	✓	✓	✓	✓
L7 Cookie Persistence (Active/Passive)	✓	✓	✓	✓
Optimized templates for all major application workloads	✓	✓	✓	✓
Active/Hot-standby Redundant Operation	✓	✓	✓	✓
Edge Security Pack (TMG Replacement) - Pre-Authentication - Single Sign On - Persistent Logging	✓	✓	✓	✓
Global Server Load Balancing (GSLB - Multi-site)**	✓	✓	✓	✓

† All figures are maximum licensed values.
* Actual performance is dependent on the blade configuration including processor, memory, networking, and overall system architecture.
** Feature Supported via an Add On Pack