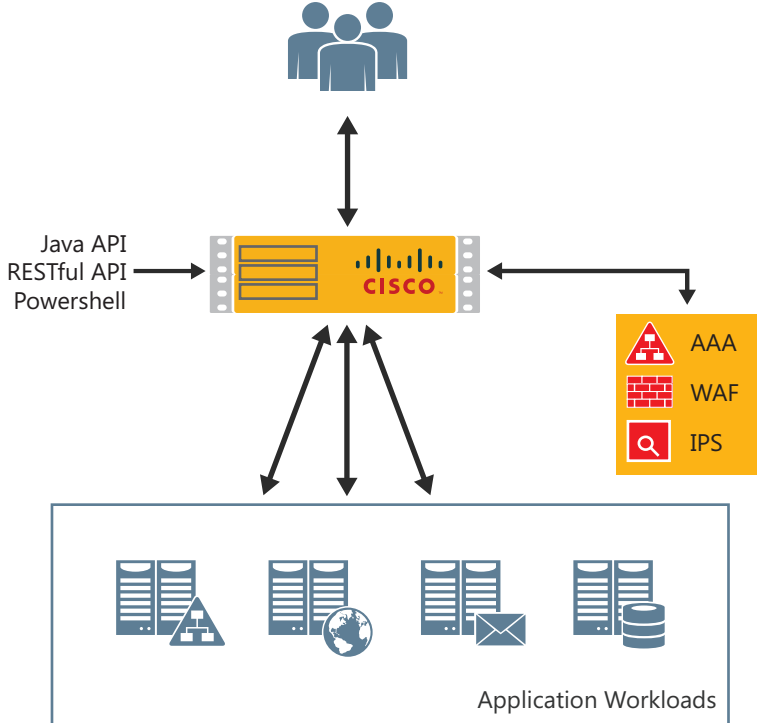


LoadMaster™ for UCS C-Series

Application Delivery & Load Balancing services powered by Cisco UCS



Data Sheet



When coupled with LMOS, all of the great assets of the C-Series platform are orchestrated into an advanced Layer 7 content switching ADC delivering unparalleled value and performance for any Enterprise environment.

The LoadMaster™ Operating System (LMOS) for Cisco Unified Computing System is part of KEMP Technologies' award-winning LoadMaster family of application delivery controllers. LoadMaster Operating System provides comprehensive application and server load balancing, high availability, security, workflow visibility and traffic acceleration. It is optimized to integrate directly onto the high-performance Cisco UCS C-Series rack mount servers leveraging their advanced compute and I/O capabilities.

Cisco UCS C-Series servers provide an agile unified computing platform capable of meeting the most demanding of processing, memory and I/O applications. When coupled with LoadMaster Operating system, all of the great assets of the C-Series platform are orchestrated into an advanced Layer 7 content switching Application Delivery Controller delivering unparalleled value and performance for any Enterprise environment.

LM-UCS includes the same core advanced software features offered by the entire LoadMaster product line, including L4/7 load balancing, L7 content switching, TLS (SSL) offload, web application firewall, server and application health checking, IP and L7 persistence, IPS, content caching and compression.

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
Integrated with UCS fabric	LoadMaster can take advantage of the scalability and low latency of the UCS fabric
Server and application health checking	Guarantees user requests will be only be directed to available servers 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) acceleration and 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

LoadMaster™ for UCS C-Series

Data Sheet

	LMB-1G	LMB-2G	LMB-5G	LMB-10G
Max Balancer Throughput † *	1 Gbps	2 Gbps	5 Gbps	10 Gbps
TLS(SSL) Transactions Per Second (TPS) † *	1,000	1,000	10,000	20,000
Max Real (Physical/VM) Servers †	1,000	1,000	1,000	1,000
Max Virtual Services (VIP) †	256	500	1,000	1,000
Layer 4/7 Load Balancing	✓	✓	✓	✓
Web Application Firewall Pack (AFP) **	✓	✓	✓	✓
Content Switching	✓	✓	✓	✓
Caching, Compression Engine	✓	✓	✓	✓
TCP/IP Multiplexing	✓	✓	✓	✓
IPS (SNORT-Rules compatible)	✓	✓	✓	✓
L7 Cookie Persistence (Active/Passive)	✓	✓	✓	✓
Optimized templates for all major application workloads	✓	✓	✓	✓
Active/Hot-standby Redundant Operation	✓	✓	✓	✓
Scale-Out Clustering	✓	✓	✓	✓
Edge Security Pack (TMG Replacement)				
- Pre-Authentication				
- Single Sign On				
- Persistent Logging	✓	✓	✓	✓
- Custom Login Forms				
- x.509 Certificate Client Authentication				
- Dual Factor Authentication				
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