KEMP | APPLICATION DELIVERY

# LoadMaster™ for Microsoft Exchange

Solution Brief



External Clients

Edge Servers

Exchange Servers

Highy Available Application Delivery Controllers

Highy Available Application Delivery Controllers

Internal Clients
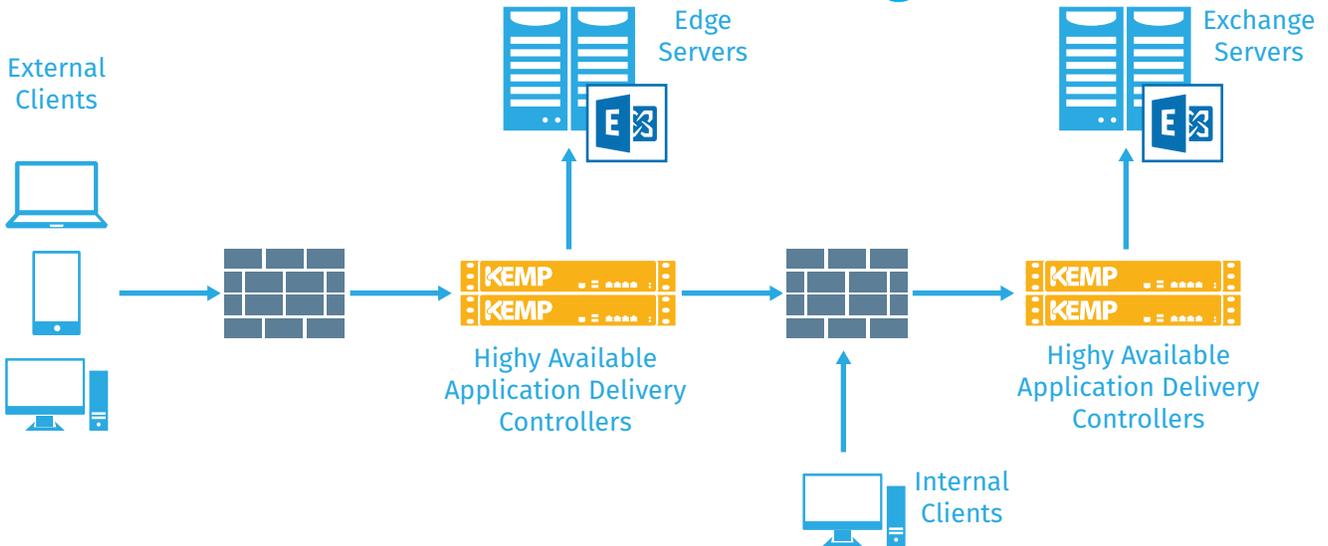
- Exchange Templates
- TLS (SSL) Acceleration
- Web Application Firewall

Exchange 2016
**Certified**

Microsoft® Exchange™ allows for an innovative connected user experience transforming communication into an interaction that is more collaborative, engaging, and accessible from anywhere. For IT, the benefits are equally powerful, with a highly secure and reliable system that works with existing tools and systems for easier management, lower cost of ownership, smoother deployment and migration, and greater choice and flexibility. The entire KEMP LoadMaster product line is optimized for Exchange 2010 and 2013 and is a Microsoft-approved solution.

Microsoft Exchange Server 2010, 2013 and 2016 allow users to connect in new ways and to stay connected, regardless of their physical location by supporting integration of multiple forms of communication onto a single platform.

A highly available Enterprise deployment of Exchange Server requires deploying multiple Client Access Servers for client connectivity along with multiple Hub Transport Servers that may be used for external applications and services to leverage for relaying SMTP traffic. Load balancing is necessary in both of these cases and an intelligent load balancing solution distributes the traffic among the servers.

Exchange Server 2010 requires session affinity and load balanced services that operate at Layer 7 while minimum requirements for Exchange Server 2013 and 2016 are no session affinity and services that operate at Layer 4. Despite this, many benefits come from enabling the more advanced form of load balancing for both versions of Exchange such as content switching which allows for granular control of traffic flow, pre-authentication and single sign-on.

The KEMP LoadMaster™ combines versatility and a robust feature set with ease-of-use to speed deployment of the complete portfolio of advanced messaging applications and protocols used by Microsoft Exchange Server 2010, 2013 and 2016. Layer 7 health checking at the LoadMaster™ ensures that should one of the services become inaccessible on a server, the load balancer will take that service instance offline, while automatically re-routing and reconnecting users to other functioning servers.