



kemp

# Federal Newsletter

December 2020



## Significant Industry Events:

- **Pandemic impact on remote worker solutions.** The recent pandemic has placed extraordinary demand on your existing remote worker solutions. Remote Access VPN services have been overwhelmed as has remote desktop services. To add capacity and scale these services often require the use of 3rd party load balancers. Kemp has significant experience load balancing remote worker solutions and is here to help make this change as painless, fast, and affordable as possible. If you are experiencing pain in meeting your remote worker needs, please contact us.
- **Exchange 2010 reached end-of-life on 13 October 2020.** The product will continue to run, but there is no support available, and no patches (security, stability, bug fix) of any kind will be created. Exchange 2010 did not require 3rd party load balancers to operate. All versions of Exchange after version 2010 require the use of 3rd party load balancers. Kemp can assist you in your migration off Exchange 2010, so if you are running this version, reach out to us.
- **Microsoft Forefront Threat Management Gateway (TMG) reached end-of-life on 14 April 2020.** If you are still running TMG, you are doing so at risk as Microsoft will not support you in the event of a system failure. Microsoft will not create any new patches, security or otherwise for TMG as of that date. Kemp Edge Security Pack, part of Kemp LoadMaster, includes the necessary functionality to replace TMG for the majority of current TMG users. If you are still running TMG and need a fast and affordable solution to replace it, please contact Kemp.
- **Cisco Application Control Engine (ACE) reached end-of-life 31 January 2019.** If you are still running ACE, you are doing so at risk as Cisco will not support you in the event of a system failure. Cisco will not create any new patches, security or otherwise for ACE as of that date. Kemp LoadMaster includes the necessary functionality to replace ACE for most current ACE users. If you are still running ACE and need a fast and affordable solution to replace it, please contact Kemp.
- **F5 Big-IP models that have or will reach End of Software Development (EoSD) in 2021:** 1600, 2000, 3600, 3900, 4000s, 4200v, 5000s, 5050s, 5200v, 5250v, 6400, 6900, 6900 FIPS, 7000s, 7050s, 7200v, 7200v, 7250v, 8900, 8950, 8950s, 10000s, 10050s, 10200v, 10250v, 11000, and 11500. If you are using these models, you will not be able to receive security, bug fixes, or performance updates as of this EoSD date. Please contact Kemp to discuss your replacement options.  
<https://support.f5.com/csp/article/K4309>
- **Kemp LoadMaster models LM-2400 and LM-5000 hardware appliances will reach end of life in April 2021.** If you are using these models, please contact Kemp to begin the process of upgrading these to our newest LoadMaster models. <https://kemptechnologies.com/end-life-eol-product-lifecycle-support-policy/>

## Functionality Updates:

- **Citrix VDI:** LoadMaster now includes support for Citrix VDI (specifically external user access to StoreFront). Since load balancing is necessary for external access to StoreFront, Kemp provides affordable solutions to your Citrix load balancing needs.
- **Kerberos:** As of release 7.2.52.0, LoadMaster now allows customers to increase security related to Kerberos. Specifically, we are enabling customers to lock down encryption related to Kerberos protocol to only AES256. This matches the current best practices and US Federal guidelines related to hardening Microsoft Domain Controllers.
- **Kubernetes:** As of release 7.2.53.0, LoadMaster now supports kubernetes integration and provides the capability of an Ingress Controller along side traditional load balancing. If your kubernetes requirements include developing hybrid or multivendor solutions, a 3rd party Ingress Controller that also includes application load balancing functionality is a must have.

## Certification Updates:

- **DODIN APL:** Kemp is listed as an approved cyber security tool on the DoD Information Network Approved Products List. <https://aplits.disa.mil/processAPList.action>
- **IPv6 (NEW):** Kemp is now officially USGv6 certified! Please see the Kemp entry on the USGv6 registry site. <https://www.iol.unh.edu/registry/usgv6?name=Kemp>
- **FIPS (UPDATE):** Kemp completed FIPS 140-2 recertification and we now own our own FIPS Certificate. <https://csrc.nist.gov/projects/cryptographic-module-validation-program/certificate/3736>
- **NIAP/CC (UPDATE):** We are deep into the process to get National Information Assurance Partnership Common Criteria certified under the new Network Device Collaborative Protection Profile – We expect to complete this process by the first half of 2021

## Product Updates

- **LM-XHC-25G:** The LoadMaster model LM-XHC-25G is our first hardware appliance to support SFP28 transceivers operating at 25Gbps (25Gbase-SR) and has a 55Gbps sustained throughput.
- **LM-XHC-40G:** The LoadMaster model LM-XHC-40G is our first hardware appliance to support QSFP+ transceivers operating at 40Gbps (40Gbase-SR4) and has a 75Gbps sustained throughput.
- **LM-XHC-100G:** The LoadMaster model LM-XHC-100G is our first hardware appliance to support QSFP28 transceivers operating at 100Gbps (100Gbase-SR4) and has a 90Gbps sustained throughput.

- **VLM-MAX:** The LoadMaster virtual model VLM-MAX is “unlimited” and will run as fast as the hypervisor allows. We have online guidance on how much virtual machine resources to assign to the VLM-MAX to achieve specific performance levels.

## Training Updates:

- Partner Sales and Technical training is available online at no charge.  
<https://pages.kemptechnologies.com/partner-training-certification.html>
- End User Training is now available as a service that can be purchased from Kemp. Training is offered at levels matching the enabled features on the LoadMaster (101, 201 and 301 levels).
- <https://kemptechnologies.com/support/professional-services/end-user-training/>
- Kemp Federal will continue to offer End User technical training online at no cost. Schedule with our federal solutions architect Mike Bomba - [mbomba@kemptechnologies.com](mailto:mbomba@kemptechnologies.com)

## Press Releases:

- Gartner Peer Insights Reviews rates Kemp LoadMaster higher than F5, Citrix and A10. In addition to our 98%+ customer satisfaction rating and our extensive client base with over 100,000 deployments, we are now the highest rated Load Balancer / ADC vendor based on Gartner Peer Insights, 4.9 out of 5 stars! <https://www.gartner.com/reviews/market/application-delivery-controllers>
- Flowmon Networks, a global network intelligence company, today announced it has been acquired by Kemp, the leader in powering always-on application experience [AX]. The acquisition brings together application delivery and security services with deep network visibility and automated security incident response.  
<https://www.flowmon.com/en/company/news/releases/kemp-acquires-flowmon>
- Kemp, the leader in powering always-on application experience [AX], today announced it has won “IT Optimization Product of the Year” as part of the annual Network Computing Awards. Kemp’s highly innovative LoadMaster X15 load balancer was awarded based on end-user IT staff and integrator voting that took place over the course of a year.  
<https://www.globenewswire.com/news-release/2020/10/13/2107608/0/en/Kemp-Wins-IT-Optimisation-Product-of-the-Year.html>

## Application Support Updates:

- **Kemp optimizes Application Experience for Citrix Virtual Apps and Desktops:**  
<https://kemptechnologies.com/news/kemp-optimizes-application-experience-citrix-virtual-apps-and-desktops/>

- **BMC Remedy Solution Page:** <https://kemptechnologies.com/solutions/bmc-remedy/>
- **VMware Horizon Solution Page:** <https://kemptechnologies.com/solutions/virtual-desktop-infrastructure-vdi/vmware/>
- **Parallels RAS Solution Page:** <https://kemptechnologies.com/solutions/virtual-desktop-infrastructure-vdi/parallels/>
- **Microsoft RDS Solution Page:** <https://kemptechnologies.com/load-balancing-remote-desktop-services/>
- **AGFA Solution Page:** <https://kemptechnologies.com/solutions/agfa/>

## Blog Posts:

- Best Federal Practices for Application Delivery <https://kemptechnologies.com/blog/best-federal-practices-application-delivery/>
- Kemp and BMC Partnership take Remedy to the next level <https://kemptechnologies.com/blog/kemp-and-bmc-partnership-take-remedy-to-next-level/>
- Kemp Technologies LoadMaster and Azure Sentinel <https://kemptechnologies.com/blog/kemp-technologies-loadmaster-azure-sentinel/>
- Azure Sentinel Kusto query language for Kemp Technologies ESP CEF logs <https://kemptechnologies.com/blog/azure-sentinel-kusto-query-kemp-technologies-esp-cef-logs/>
- Legacy Applications + Azure AD = Secure Hybrid Access (SHA) <https://kemptechnologies.com/blog/azure-ad-secure-hybrid-access-sha/>
- Load Balancer Exchange 2013 Deployment Guide – Ansible Playbook <https://kemptechnologies.com/blog/exchange-2013-deployment-guide-ansible-playbook/>
- 7 Reasons Why Customers Prefer Kemp Over F5 <https://kemptechnologies.com/blog/kemp-f5-load-balancer-comparison/>
- What having Kemp's K8s Controller means to me <https://medium.com/@KempAX/what-having-kemps-k8s-controller-means-to-me-894ecea280ea>
- Going Full NetSecOps with Kemp Acquisition of Flowmon <https://kemptechnologies.com/blog/kemp-acquisition-of-flowmon-networks-netsecops/>
- All the Ops. What are they? <https://kemptechnologies.com/blog/all-the-ops-what-are-they/>

## LinkedIn Videos:

- Ask me Anything: With Kemp Support – Session 1.  
<https://www.linkedin.com/feed/update/urn:li:activity:6714171550934802432>
- Ask me Anything: With Kemp Support Session 2.  
<https://www.linkedin.com/feed/update/urn:li:activity:6714216828303880192>

## YouTube Videos:

- 5in5 Series. GSLB [https://www.youtube.com/watch?v=h5fdj06\\_SF8](https://www.youtube.com/watch?v=h5fdj06_SF8)
- 5in5 Series. User Authentication <https://www.youtube.com/watch?v=x-M4S2nsoXA>
- 5in5 Series, Parallels <https://www.youtube.com/watch?v=uvWAMXBJu3o>
- Stabilizing Critical IT Services – Decision Maker Workshop  
<https://www.youtube.com/watch?v=SvyplsSMcPA>
- Kemp Dell EMC ECS News Update <https://www.youtube.com/watch?v=FmW9l-FaVjg>
- Kemp Acquires Flowmon Networks: Ray Downes and Jiri Tobola  
<https://www.youtube.com/watch?v=xxppsStM0uo>
- Improve Security & Decrease Deployment Risks with Global Server Load Balancing  
<https://www.youtube.com/watch?v=WQbpq7LZBjs>
- Introducing Kemp High-Performance Load Balancers  
<https://www.youtube.com/watch?v=eJAvar63Fag>
- Quality of Service (QOS) and rate limiting for ECS using ECS Connection Manager  
<https://www.youtube.com/watch?v=WkH9MbDC8rc>