



Federal Newsletter

December 2021

Q4 2021 Update

Here is a periodic update for Q4 2021 (Fed Q1) from the Kemp Federal team with a compilation of Kemp relevant information we believe may be of interest to you.

Kemp was recently acquired by Progress Software (a publicly traded US company) and Progress will continue to maintain, develop, enhance, sell and support LoadMaster and Flowmon. Progress has additional products used today within US Federal to include WhatsUp Gold (network management), Chef (deployment automation and security compliance), and MoveIT (reliable secure file transfer). Progress has additional products focused on the application developer to make building high quality applications easier.

Kemp Flowmon solutions support lossless flow generation and collection for data networks up to 100Gbps. Flowmon can be deployed into closed networks, something many of our competitors cannot do. Flowmon fills the gap often seen between perimeter and end point security solutions. Flowmon provides an easy to operate and deploy solution for Network Performance Monitoring and Diagnostics (NPMD) as well as Network Detection and Response (NDR). Customers that have a hard time answering the question "Is there a bad actor inside my network?" are implementing NPMD and NDR solutions. Flowmon uses network flow data collection and analysis. If you have bought packet capture and analysis solutions, you know that packet-based solutions are very expensive and have a challenge with long term data retention and analysis. Flowmon based solutions do not have this problem.

Kemp LoadMaster solutions are available for very small (500 Mbps) to extremely large (100 Gbps) requirements. Customers looking for an easy to operate and deploy application load balancer are the primary buyers of LoadMaster, which includes larger programs looking to manage cost and complexity with the ability to scale the LoadMaster for enterprise size workloads.

Customers looking to reduce the cost and complexity of their application load balancing portfolio are often concerned that change will be difficult. Kemp has helped many customers migrate off F5, Citrix, Cisco ACE, Microsoft Threat Management Gateway (TMG), and many other products with minimal impact to operations and mission. We can share a notional (or customer-specific) migration process document (no cost) and assist in your analysis regarding the value and cost of moving to Kemp for your mission/business. If you would like to know how much you could save by using Kemp, we can provide Total Cost of Ownership (TCO) comparisons at no cost, or we can assist your team in developing these comparisons. In most cases, we reduce overall costs by more than 50%.

Kemp LoadMaster appliances are much more than basic load balancers. LoadMaster includes a Web Application Firewall (WAF), global load balancer (GEO), a rules engine, and our Edge Security Pack (ESP). ESP allows for pre-authentication for users before they are allowed access to the application server (a core requirement for Zero-Trust architectures) and enables your application servers for CAC/PIV authentication.

LOADMASTER OPERATING SYSTEM (LMOS) Update Version 7.2.55

This release is now available and has interesting new capabilities and optional services:

New Features:

- Support for Newer AWS Machine Types
- Web Application Firewall Updates
- Clearing the False Positive Analysis Counters and Events
- Configurable OWASP POST Body Size
- Remote Logging TLS Version
- GEO: Capacity, Performance, and UI Enhancements

Security Updates:

- Update OpenSSL to Version 1.1.1k
- Strict Transport Security Header Settings
- Single Sign On: SameSite and Secure Options
- Console Support for WUI Cipher Reset
- Certificate Chain of Trust for UI Authentication
- Console Security Update
- ACL Security Update

For full details, consult the LoadMaster [7.2.55.0](#) Release Notes located here:

<https://support.kemptechnologies.com/hc/en-us/articles/360051367351-Download-LoadMaster-Firmware>

Common Criteria / National Information Assurance Partnership (NIAP)

Kemp has been working with a NIAP certified test laboratory to prepare our LoadMaster (virtual and hardware) appliances for formal certification under NIAP. This process has progressed to the final stages (minor bug fixes) and we will soon be submitted by the lab to NIAP for official “Under Test” status. The lab will submit final test results to NIAP within 30-60 days of when NIAP officially recognizes the LoadMaster as being “Under Test”. The bottom line is our process to gain NIAP certification is progressing, and we expect to complete all actions around Q1 CY2022.

Partnership Update

Dell EMC Federal continues to be our largest reseller in the US Federal market. Kemp LoadMaster, rebranded as ECS Connection Manager, is included in all Dell EMC Elastic Cloud Storage (ECS) material lists. The number of US Federal agencies with ECS deployments continues to grow. Check out the ECS content on our website to learn more about how load balancing applies to Dell EMC Elastic Cloud Storage:

<https://kemptechnologies.com/ecs-connection-manager/>

Training Reminder

Partner Sales and Technical training is available online at no charge

<https://pages.kemptechnologies.com/partner-training-certification.html>. 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>. End User Training is also 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/>

Past Newsletters

September 2020 - <https://pages.kemptechnologies.com/rs/799-WFC-748/images/Federal%20Newsletter%20Sept%202020.pdf>

December 2020 - <https://pages.kemptechnologies.com/rs/799-WFC-748/images/Federal%20Newsletter%20Dec%202020.pdf>

March 2021 - <https://pages.kemptechnologies.com/rs/799-WFC-748/images/Federal%20Newsletter%20March%202021.pdf>

July 2021 - <https://pages.kemptechnologies.com/rs/799-WFC-748/images/Federal%20Newsletter%20July%202021.pdf>

BLOG Posts

- Kemp Zero Trust Case Study- <https://kemptechnologies.com/blog/kemp-zero-trust-case-study/>
- 6 Reasons why you Need to Replace your F5 Load Balancer - <https://kemptechnologies.com/blog/kemp-f5-comparison/>
- How to simplify Kubernetes with load balancers - <https://kemptechnologies.com/blog/kubernetes-load-balancer/>
- Using Flow Data to Better Understand your Networks and Application Experience - <https://kemptechnologies.com/blog/flow-data-kemp/>
- Let's Encrypt on LoadMaster - <https://kemptechnologies.com/blog/lets-encrypt-kemp/>
- Detecting knock on Security Breaches due to Solarwinds & other supply chain Attacks - <https://kemptechnologies.com/blog/kemp-solarwinds-attack/>
- Put a load balancer in your home network - <https://freeloadbalancer.com/blog/put-a-load-balancer-in-your-home-network/>

- Kemp Flowmon ADS and Check Point Integration: Automated incident detection and response - <https://www.flowmon.com/en/blog/check-point-integration-detection-response>
- What to Look for in a Network Traffic Visibility Solution - <https://www.flowmon.com/en/blog/what-to-look-for-network-traffic-visibility>
- Surfacing LoadMaster SSO User Logins in Flowmon Collector - <https://kemptechnologies.com/blog/loadmaster-ssu-user-logins-flowmon-collector/>
- What's new in LoadMaster certificate management? - <https://kemptechnologies.com/blog/whats-new-in-loadmaster-certificate-management/>
- What is the Mitre Att@ck Framework? - <https://kemptechnologies.com/blog/mitre-attack-framework-kemp/>
- What is Ransomware and how do I stop it? - <https://kemptechnologies.com/blog/what-is-ransomware-attack/>
- General availability of LoadMaster7 .2.55.0 - <https://kemptechnologies.com/blog/kemp-loadmaster-update/>
- Progress to acquire Kemp - <https://kemptechnologies.com/blog/>
- Power(shell) your WAF deployment - <https://kemptechnologies.com/blog/powershell-kemp-loadmaster-waf/>
- The EMA Radar Report on Network Performance Management Tools - <https://kemptechnologies.com/blog/ema-radar-report-2021/>
- Manage Security Threats with Mitre Att&ck Framework - <https://kemptechnologies.com/blog/manage-security-threats-with-mitre-attck-framework/>

WEB Events

- Integrating Kemp Load Balancing with Kubernetes - <https://www.brighttalk.com/webcast/17702/497752>
- 5 Reasons Kemp Flowmon is Better for Security than Cisco Stealthwatch - <https://www.brighttalk.com/webcast/17702/503884>
- Early Ransomware Detection and Response - <https://www.youtube.com/watch?v=PCkeIEbCqCE>
- Application delivery in AWS with Kemp Loadmaster video - <https://kemptechnologies.com/videos/application-delivery-aws-kemp-loadmaster/>
- Updated Partner Contact page - <https://kemptechnologies.com/partner-resources/contact/>

- Flowmon Products & Documentation added to support site - <https://support.kemptechnologies.com/hc/en-us/categories/200294835>
- Flowmon SolarWinds comparison page is live - <https://kemptechnologies.com/flowmon-solarwinds-comparison/>
- Kemp Dominates Gartner Peer Insights Press Release - <https://kemptechnologies.com/news/kemp-loadmaster-dominates-adc-category-gartner-peer-insights/>
- Updated Partner Training page to accommodate both LoadMaster and Flowmon training - <https://kemptechnologies.com/partner-resources/partner-training-certification/>
- New Cantarus case study - <https://kemptechnologies.com/customers-success-stories/cantarus-grew-enterprise-grade-provider-kemp-load-balancing/>
- New F5 multi-form comparison page - <https://kemptechnologies.com/kemp-easy-deploy-affordable-alternative-f5/>
- Cloud Architects podcast Zero Trust Network Architecture - <https://podcasts.apple.com/us/podcast/episode-51-zero-trust-network-architecture/id1264479296?i=1000524265443>
- Kemp LIVE: Ask me anything with the support team - <https://www.linkedin.com/feed/update/urn:li:activity:6829101363453067264>
- Manage security threats with MITRE ATT&CK Framework - <https://www.brighttalk.com/webcast/17702/502057>
- Using NDR to Find IT Security Threats: A Live Chat with Propellent - <https://www.linkedin.com/feed/update/urn:li:activity:6844548617328447488>
- ActualTech Media event: Building a Robust Security Awareness Program - <https://events.actualtechmedia.com/register-now/637/building-a-robust-security-awareness-program/>
- Securing Business Networks in the New Remote Reality - <https://www.brighttalk.com/webcast/17702/512478>
- Why Network Detection and Response (NDR) is Critical to your Security Playbook - <https://www.brighttalk.com/webcast/17702/512451>
- Choosing a Load Balancer: A Buyer's Guide to Success - <https://www.brighttalk.com/webcast/17702/507627>
- Cloud Market Overview Q&A with ESG & Kemp - <https://www.brighttalk.com/webcast/17702/508062>

- Kemp Wins Customer Service of The Year Award 2021 -
<https://www.linkedin.com/feed/update/urn:li:activity:6859889748085895168>

External Articles and YouTube Videos

- Kemp Load Balancer for VMware Horizon deployment - pt.1 <https://nolabnparty.com/en/kemp-load-balancer-for-vmware-horizon-deployment-pt-1/>

- Kemp Load Balancer for VMware Horizon deployment - pt.2 <https://nolabnparty.com/en/kemp-load-balancer-for-vmware-horizon-configuration-pt-2/>

- Kemp Load Balancer for VMware Horizon deployment - pt.3 <https://nolabnparty.com/en/kemp-load-balancer-for-vmware-horizon-configure-ha-pt-3/>

- 18 companies hiring workers with automation skills right now -
<https://www.siliconrepublic.com/jobs/automation-skills-companies-hiring>

- Manage security threats with MITRE ATT&CK Framework -
https://www.youtube.com/watch?v=lorwg_MW5BA

- Using NDR to Find IT Security Threats: A Live Chat with Propellent -
<https://www.youtube.com/watch?v=k3CM0OfprhU>

- What is the future of load balancing? - Introducing Application Delivery Controller (ADC) -
<https://www.youtube.com/watch?v=n-E4O8xnDQM>

- Marriages Are Back On The Agenda – Even In IT - <https://www.computerweekly.com/blog/Networks-Generation/Marriages-Are-Back-On-The-Agenda-Even-In-IT>

- What a cult '90s TV show can teach us about Zero Trust Network Access -
<https://newsbytes.ph/2021/09/22/what-a-cult-90s-tv-show-can-teach-us-about-zero-trust-network-access/>

- Kemp Flowmon an extra layer to your security cake - <https://www.virtualisedfruit.co.uk/kemp-flowmon-an-extra-layer-to-your-security-cake/>

- Kemp's Michael Jimenez on Application Deployment in the Cloud - podcast
<https://www.youtube.com/watch?v=Anyq0VUiBgY>

- Deploy Kemp LoadMaster in Azure using Bicep - <https://blog.azinsider.net/deploy-kemp-loadmaster-in-azure-using-bicep-3b9f083997e9>