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Kove To Showcase Its Breakthrough Software-Defined Memory Solution, Kove:SDM™

At FMS: Future of Memory and Storage 2024

Memory virtualization trailblazer enables enterprises to maximize performance on AI/machine learning jobs, high-demand applications and Edge computing environments using all existing hardware, while reducing energy consumption.

[CHICAGO, August 1, 2024] – Kove, an innovator in high-performance computing solutions, will showcase Kove:SDM™, the first-of-its-kind software-defined memory solution, for attendees and tech industry leaders at FMS 2024, August 6–8 at the Santa Clara Convention Center. Kove Founder and CEO John Overton will also deliver a keynote on Wednesday, August 7, at 2:20pm, **‘Software-Defined Memory is here: It performs like local memory, scales, and works on any hardware’**. He will be joined by partners Thomas Zschach, Chief Innovation Officer, Swift, and Ian Hood, CTO/Chief Strategist, Red Hat.

“In the era of AI/ML and memory thirsty applications, it is well past time for agile enterprises to move beyond the concerns of the memory wall,” said Overton. “We’re excited to take the stage at FMS and share how Kove:SDM™ gives any server the flexibility to meet large server needs and can transform smaller servers into any size server to meet real-time demands on-the-fly. Whether it’s AI-intensive workloads, such as model training with enormous datasets, in-memory databases or containers, technologists can now achieve what was previously impossible.”

During the keynote, Overton and Hood will illustrate the technology and operational benefits Red Hat achieved with Kove:SDM™ — backed by empirical test results of Kove:SDM™ configured on Red Hat OpenShift application platform using StressNG, Intel P- States, and standard Supermicro server hardware.

Comprehensive test data shows power savings up to 54%, near-local CPU performance, and superior performance from remote memory compared to local memory—all on existing infrastructure, with no code changes. Additionally, Overton and Zschach will close with a discussion of how Kove and Swift are revolutionizing financial crime prevention. They will explain how Kove:SDM™ is being used to help protect customers’ transactions when the stakes are the highest.

In addition to the keynote, Kove experts will also be available to discuss and share demos of Kove:SDM™, the world's first and only fully mature, commercially deployed software-defined memory solution, at Booth 321. Kove is also in consideration across multiple categories of the 'Best of Show' innovation awards at FMS. These prestigious awards recognize the most significant and influential technologies showcased at this premier global event for key players in the multi-billion-dollar high-speed memory, storage and SSD markets.

About Kove's Keynote at FMS

As part of our keynote, Red Hat will share empirical test results that highlight how Kove:SDM™ helps business-critical applications gain performance while saving time and energy and reducing costs and complexity. Swift will explain how Kove:SDM™ is helping them prevent economic crime for their global customers, and showcase how the pooled memory solution works on standard, existing infrastructure with no code changes.

FMS attendees will learn why their memory limitations are a thing of the past thanks to the wide range of computing needs that Kove:SDM™ addresses, including:

- + Getting more out of hardware with 60x faster workloads than virtual machines
- + Processing jobs 125x faster by running them all in memory and avoiding swap
- + Increasing the number of containers running on a cluster by 100x
- + Delivering power savings up to 54%
- + Providing superior, near-local performance from remote memory
- + Right-sizing memory for optimal CPU utilization by pooling and provisioning memory
- + Scaling up your memory for improved utilization, simplicity, efficiency, and performance, no matter how large your data size or computational need

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About Kove

Founded in 2003, Kove has a long history of solving technology's most vexing problems, from launching high-speed back-ups for large databases to setting sustained storage speed records. Most recently, after years of development, testing and validation, Kove launched the world's first patented and mature software-defined memory solution – Kove:SDM™. Kove:SDM™ enables enterprises and their leaders to achieve more by maximizing the performance of their people and infrastructure. Kove's team of passionate software engineers and technologists understand the importance of access to high performance computing technology and have worked with clients across a variety of industry verticals from financial services and life sciences to energy and defense. Kove is committed to delivering the products and personalized service that enable every enterprise to reach their full potential. To learn more, visit kove.com.