VMware Streamlines Enterprise Container Deployment and Cluster Management From Data Center to Cloud

New VMware Integrations With Docker Containers, Kubernetes, Mesosphere and Pivotal Cloud Foundry Help Customers to Achieve Simple Installation and Management of Containers; Provide Enterprises With Broad Support for Their DevOps Initiatives

PALO ALTO, CA -- (Marketwired) -- 12/05/14 -- VMware, Inc. (NYSE: VMW), the global leader in virtualization and cloud infrastructure, today announced technology integrations with Docker, Kubernetes, the open-source container orchestration project initiated and managed by Google, Mesosphere and Pivotal Cloud Foundry to further simplify enterprise container deployment and management. The integrations offer enterprises turnkey deployment of Docker containers on VMware Fusion®, VMware vCloud® Air™ and VMware vSphere® as well as simplified deployment of leading resource scheduling and cluster management solutions for containers on their VMware infrastructure, empowering them to develop and run applications rapidly and securely across private, public and hybrid clouds.

Today, VMware also announced that it is collaborating with Mesosphere to provide enterprises with broader choice for the deployment and scheduling of containers, containerized applications, and related applications data center services such as Hadoop, Spark, and Cassandra. Mesosphere organizes physical servers, virtual machines, and cloud instances and lets applications draw from a single pool of intelligently- and dynamically-allocated resources, increasing efficiency and reducing operational complexity.

Delivering a Common Platform to Meet Developer Needs
By enabling enterprises to quickly deploy containers, virtual machines or containers within virtual machines along with associated management solutions on a common platform, VMware helps DevOps teams to build, deploy and scale their applications with confidence. VMware today released technology integrations that enable:

- One-click deployment of Docker containers from the desktop to the cloud through integration between VMware Fusion, VMware vCloud Air and VMware vSphere with Docker Machine. Learn more here.
- Rapid installation and deployment of Kubernetes via VMware vSphere for container cluster deployment, management and orchestration. Learn more here.
- Simple and fast installation and deployment of Mesosphere via VMware vSphere to run and manage data center applications and services at scale. Learn more here.
- Rapid deployment and management of Linux container application instances via simple virtual machine installer of the Pivotal Cloud Foundry platform on VMware vSphere.

Today's integrations follow on the heels of VMware's collaboration with Mesosphere to provide enterprises with broader choice for the deployment and scheduling of containers, containerized applications, and related applications data center services such as Hadoop, Spark, and Cassandra. Mesosphere organizes physical servers, virtual machines, and cloud instances and lets applications draw from a single pool of intelligently- and dynamically-allocated resources, increasing efficiency and reducing operational complexity.

Supporting Quotes
"Our focus is to provide enterprises with the common platform for building, operating and managing applications at scale," said Kit Colbert, vice president and CTO, Cloud-Native Apps, VMware. "In conjunction with our broad partner ecosystem, we are empowering enterprises to minimize the integration costs, time and effort to securely run and manage containerized applications wherever they choose -- whether on-premises on VMware vSphere or in the cloud on VMware vCloud Air."

"Enterprise customers are excited about VMware's integration with Mesosphere. The integration of Mesosphere and VMware vSphere will make it easy for them to write, deploy and manage containerized applications at scale," said Matt Trifiro, vice president of Marketing, Mesosphere. "Containers are a great format for packaging tasks, but you need to pair them with Mesosphere's technology if you want to run and operate them at scale."

"Pivotal Cloud Foundry, together with VMware vSphere and VMware vCloud Air infrastructure, automates software delivery in the data center or the cloud," said James Watters, vice president, Product, Marketing and Ecosystems for Cloud Foundry at Pivotal. "With application metrics and four layers of high availability built into the platform, Pivotal Cloud Foundry is the enterprise choice for automating Linux container deployments."
VMware at DockerCon Europe 2014
VMware is a sponsor of DockerCon Europe 2014 in Amsterdam, The Netherlands, Dec. 4-5, 2014. VMware's Kit Colbert is participating in the partner panel on Friday, December 5, 2014 at 10:00 a.m. CET. VMware's booth (#15) features demos of VMware's integrations with Docker containers, Kubernetes, Mesosphere and Pivotal Cloud Foundry.

Additional Resources

- Read Kit Colbert's blog post on [Container Orchestration on vSphere](#)
- Keep up with VMware on [Facebook](#), [Google+](#), [Twitter](#) and [YouTube](#)

About VMware
VMware is the leader in virtualization and cloud infrastructure solutions that enable businesses to thrive in the Cloud Era. Customers rely on VMware to help them transform the way they build, deliver and consume Information Technology resources in a manner that is evolutionary and based on their specific needs. With 2013 revenues of $5.21 billion, VMware has more than 500,000 customers and 75,000 partners. The company is headquartered in Silicon Valley with offices throughout the world and can be found online at [www.vmware.com](http://www.vmware.com).

About Mesosphere
Mesosphere (Twitter: @Mesosphere) is dedicated to helping enterprises unlock the next generation of datacenter scale, efficiency and automation with the power of Apache Mesos. Mesos is open source software that pools datacenter resources and automates IT operations. Backed by Andreessen Horowitz, Data Collective, Fuel Capital and Kleiner Perkins Caufield & Byers, Mesosphere is headquartered in San Francisco with a second office in Hamburg, Germany.

About Pivotal
Pivotal offers a modern approach to technology that organizations need to thrive in a new era of business innovation. Our solutions intersect cloud, big data and agile development, creating a framework that increases data leverage, accelerates application delivery, and decreases costs, while providing enterprises the speed and scale they need to compete. More at [www.pivotal.io](http://www.pivotal.io).

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