



NEWS RELEASE

Cisco and Docker Team to Modernize Cloud and Data Center Application Environments

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Companies to Provide Validated Docker Solutions on Cisco UCS and Container Automation with Open Source Cisco Contiv

SAN JOSE, CA -- (Marketwired) -- 03/02/17 -- Today, Cisco (NASDAQ: CSCO) and Docker Inc. announced a strategic alliance for worldwide engineering, sales and support to deliver essential container capabilities for application-centric data center and cloud infrastructure.

Customers can modernize applications using Docker Enterprise Edition (EE) with Docker Datacenter, and deliver them securely and efficiently across [Cisco Unified Computing System](#) (UCS) and Cisco validated Converged Infrastructure solutions with Cisco partners. Cisco and Docker will deliver unified and certified solutions for the entire application journey, whether organizations are containerizing traditional applications, refactoring applications to microservices, or creating new applications. Docker EE with Docker Datacenter running on Cisco UCS will provide application developers a seamless way to deploy, iterate, re-deploy, and monitor applications onto production infrastructure.

This worldwide initiative between two industry leaders will deliver:

- Reduced complexity for improved manageability and automation, leveraging the unified, highly scalable architecture of Cisco UCS, with consistent management across all computing environments -- traditional and modern. Cisco UCS is ideal for distributed, microservices application architectures with high performance networking and comprehensive infrastructure controls via application programming interfaces.
- Scalable, resilient, secure networking for containerized applications using Contiv, a Cisco-initiated open source project that allows IT organizations to implement comprehensive network policy enforcement.

"The powerful combination of Cisco's leading UCS product line for Cloud infrastructure and Docker's containerized technology will offer customers high levels of security, manageability and scale," said Liz Centoni, Senior Vice President and General Manager, Cisco Computing Systems Product Group.

"Developers and IT, working together, can now build ship and deploy container applications anywhere."

"Enterprises are increasingly looking to Docker to modernize their traditional applications so their investment in Linux and Windows Server applications can achieve major operational efficiencies while making these applications more agile, cloud-ready and more secure," said Ben Golub, CEO, Docker. "This strategic partnership brings even more opportunity for these enterprises by running Dockerized applications on a validated Cisco UCS infrastructure that is optimized for security, availability, performance and scale."

Docker EE is the leading container platform for enterprise developers and IT teams that are looking to converge a diverse set of application pipelines under one uniform packaging format, API & tooling for all their applications across the entire application lifecycle. Docker EE establishes the foundation for a Containers as a Service (CaaS) model that becomes the framework for an enterprise software supply chain where any applications (traditional and microservices) can be managed centrally and uniformly across any infrastructure.

Joint sales and support programs across Docker, Cisco and Cisco channel partners ensure that Docker EE works seamlessly for applications deployed across hybrid cloud, converged infrastructure, converged storage, hyperconverged infrastructure, and Cisco servers. Enterprise customers have the assurance of Cisco-supported Docker platform as part of this strategic relationship.

Cisco and Docker plan to deliver joint solutions, which will be available through Cisco's partner channels with full support:

- **[Contiv](#)**: Contiv is a Cisco-sponsored, completely open source networking fabric for heterogeneous Docker deployments across virtual machines, bare-metal, and public or private clouds. As the industry's most powerful container networking fabric, Contiv, with its Layer2, Layer3, overlay and ACI modes, natively integrates with Cisco infrastructure and complements Docker by directly mapping the application intent with the infrastructure capabilities using rich networking and security policies. At Cisco Live! Berlin 2017, Cisco announced the availability of [Contiv 1.0](#). Cisco and Docker announced today that Contiv is now a Docker Certified plugin, through participation in the Docker Certification Program, a framework for partners to integrate and certify their technology to the Docker Enterprise Edition commercial platform. Contiv is available as a certified plugin in the Docker Store.
- **[Cisco Validated Design \(CVD\) for Docker Data Center on Cisco UCS](#)**: Customers can quickly deploy Docker Datacenter in a development or production environment on Cisco UCS B-Series blade servers or C-Series rack servers by leveraging a certified reference architecture and best practices for deployment. This solution is targeted at stateless container deployments and comes with entry and mid-range configurations; it is ideal for customers who want to jump start their container journey.
- **[Cisco Validated Design \(CVD\) for Docker Data Center on Converged Infrastructure](#)**: Cisco, a leader in the converged infrastructure market, brings its proven data center architecture to containerized deployments through its CVD "Flexpod with Docker Data Center for Container Management." This CVD delivers a highly available and scalable converged infrastructure solution including how to deploy and configure Docker Datacenter on FlexPod to utilize both virtual and bare-metal instances of [Docker Universal Control Plane](#) (UCP) nodes. The reference architecture also includes manual deployment and automated deployment processes for Cisco UCS and the [Docker volume plugin for NetApp storage](#).

Cisco has a proven history of working with partners to develop solutions that deliver business value. The Cisco Unified Computing System (Cisco UCS™) and Cisco Application Centric Infrastructure (Cisco ACI™) are open infrastructure frameworks supported by broad, mature partner ecosystem. The

alliance with Docker will extend benefits of Cisco's data center architectures to container environments, and the two companies will collaborate going forward to bring additional solutions to the marketplace.

Availability

Contiv is available now at <http://contiv.io> and can be downloaded from Docker Store and [GitHub](#). [Cisco Validated Design \(CVD\) for Docker Data Center](#) is available now. The [Cisco Validated Design \(CVD\) for Converged Infrastructure](#) is available now.

Additional Resources

Learn more about: [Cisco Data Center and Virtualization](#)

Learn more about: [Cisco Unified Computing System](#)

Learn more about: Cisco [Data Center Services](#)

Learn more about: [Contiv](#)

Read Cisco Contiv blog: [Contiv 1.0](#)

About Cisco Unified Computing System™ (Cisco UCS®)

Generic servers run generic businesses but digital transformation demands more: it requires critical applications to be delivered with industry-leading performance, availability, and security. Cisco created a revolutionary computing architecture designed for IT innovation and business acceleration. Cisco UCS isn't just a server, it's a radically simplified solution for advanced application performance, increased operational velocity, and superior economics.

UCS [customers tell us that UCS has helped them](#):

- Reduce administration and management costs by up to 66 percent
- Reduce total cost of ownership at the platform, site, and organizational levels by up to 48 percent
- Accelerate the delivery of new application services by up to 83 percent

Cisco UCS. It's not a server. It's a system.™

About Docker

Docker, Inc. is the company behind the Docker open source platform, and is the chief sponsor of the Docker ecosystem. Docker is an open platform for developers and system administrators to build, ship and run distributed applications. With Docker, IT organizations shrink application delivery from months to minutes, frictionlessly move workloads between data centers and the cloud and can achieve up to 20X greater efficiency in their use of computing resources. Inspired by an active community and by transparent, open source innovation, Docker containers have been downloaded more than 10 billion times and Docker is used by millions of developers across thousands of the world's most innovative organizations, including ADP, GE, the BBC, Goldman Sachs, Groupon, ING, Yelp and Spotify.

About Cisco

Cisco (NASDAQ: CSCO) is the worldwide leader in IT that helps companies seize the opportunities of tomorrow by proving that amazing things can happen when you connect the previously unconnected. For ongoing news, please go to <http://thenetwork.cisco.com>.

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