DataON Storage Expands Hyper-Converged Infrastructure
with Microsoft Certification for All-Flash Array Appliance
Millions of IOPS Performance Tuned for Windows Server, Storage Spaces Deployments

Anaheim, CA – May 12, 2016 - DataON Storage, trusted provider of hyper-converged platforms for the Microsoft-Defined Datacenter, today announced the Microsoft® certification of the CiB-9224 F1 all-flash Cluster-in-a-Box for Windows® Server 2012 R2, Storage Spaces. Built on the inaugural certified software-defined Storage Spaces platform, DataON's freshly certified CiB-9224 F1 empowers organizations to transition into a self-contained, highly available, hyper-converged infrastructure (HCI) using best-of-breed compute and shared-storage technology. The Cluster-in-a-Box (CiB) appliance architecture simplifies IT deployments and fiercely increases performance levels with reduced total cost of ownership (TCO).

"Business continuity is imperative to our client base, the all-flash Cluster-in-a-Box from DataON with HGST Ultrastar® Flash is the perfect solution for our Windows Server 2012 R2 enterprise deployments," said Andre van den Berg, president, XCES and DataON Channel Premium Partner. "With successful sales of the CiB-9224 F1 already, we believe that a Microsoft certified DataON architecture delivers Hyper-V density, low latency IOPS speeds, and 24/7 continuous availability—this is an all-flash appliance we can completely rely on."

The hyper-converged infrastructure appliance market will nearly quintuple from 2015 levels to nearly $5 billion by 2019, or a 46% compound annual growth rate (CAGR) between 2015 and 2019, according to Gartner's Forecast Analysis.[1] Demand can be attributed to the need for speed, deployment window flexibility, and managing change to virtual servers, virtual desktops, and hybrid cloud infrastructures with a more cost effective approach. In order to achieve desired TCO levels, a continuous application delivery can be achieved through hyperconvergence with improved performance speed and business continuity.

"The DataON simplifies Storage Spaces deployments with a single HGST flash-optimized Cluster-in-a-Box, delivering hundreds of VMs and better than two million IOPS from the clustered shared storage CiB-9224 F1 all-flash hyper-converged appliance," states Trenton R. Baker, vice president business development, DataON Storage.

DataON's all-flash array (AFA) Cluster-in-a-Box brings together active dual-node clustering, flash-tuned shared storage, networking and Windows Server Hyper-V virtualization designed for organizations looking to maximize their IT resources while helping them speed up time-to-value. The CiB-9224 F1 all-flash hyper-converged appliance is purpose-built for the datacenters to achieve industry-leading economics and density enabled flash storage for every application.

"Speed and reliability in deriving actionable intelligence on operational data is key to unlocking value in the modern data center," said Ulrich Hansen, vice president of SSD product marketing at Western Digital Corporation. "HGST Ultrastar SSDs offer unrivaled reliability and extreme SSD performance to drive real-time data analysis. The certification of the CiB-9224 F1 all-flash Cluster-in-a-Box allows customers to benefit from HGST's award-winning drives and stay ahead of the mountains of data growing across enterprise infrastructure environments."

The CiB-9224 F1 is optimized to utilize Western Digital Corporation's HGST Ultrastar solid-state drives (SSDs) as a hot tier shared across active dual-nodes via end-to-end next generation 12Gb/s SAS expanders and 10Gb Ethernet internal heartbeat for failover and failback resiliency. Microsoft hyper-converged appliances require fault tolerance, scalability, and continuously available clustered nodes to achieve breakthrough I/O performance. The CiB-9224 F1 all flash pure storage appliance delivers in excess of two million read IOPS and over 1.1 million write IOPS performance with better than 11 GB/s throughput speeds. Windows' Storage Spaces is flash-tuned for read intensive and simultaneous write-back cache applications such as SQL Server databases, online transaction processing (OLTP), high-performance computing (HPC), and big data analytic—without contributing to data center hardware sprawl.

"The impact of flash-based arrays have on datacenters is undeniable, as more flash-based platforms are delivering enterprise-class data services," said Siddhartha Roy, group program manager, Windows Server HA & Storage, Microsoft Corp. "By introducing all-flash shared storage built on Windows Server 2012 R2, Storage Spaces, companies like DataON can provide the performance and continuity for hyper-converged features expected in enterprise Hyper-V deployments."

The Microsoft certified DataON hyper-converged all-flash array Cluster-in-a-Box appliance supports Microsoft Azure Backup and Microsoft Azure Site Recovery to essentially become an easy to deploy Cloud-in-a-Box, with cost efficiencies built in. By utilizing Windows Azure Pack, the CiB-9224 F1 can provide a multi-tenant, private flash cloud that works with Windows Server and System Center, to deliver self-service provisioning, easy movement of workloads to the cloud, and infrastructure management. The CiB's integration with System Center includes VMM for policy-based provisioning and orchestration of compute and storage resources at VM-level granularity.

Pricing and Availability
DataON is currently shipping the CiB-9224 F1 all-flash Cluster-in-a-Box hyper-converged appliance for Microsoft Hyper-V and tiered SOFS Storage Spaces beginning under $35,000, and two million IOPS all-flash array solutions with 128 virtual cores and 38TBs priced under $124,000.

About DataON
DataON Storage is the trusted provider of agile OS-agnostic storage and hyper-converged platforms for Microsoft-Defined Datacenters and Small to Medium Businesses. As a leading Microsoft Gold Partner of certified storage solutions, DataON offers ultra-resilient petabyte scalable and high IOPS solutions built to simplify storage strategies for software-defined storage data centers, desktop virtualization (VDI) and private cloud. More available at www.DataONstorage.com, call +1 (888)726-8588 or comment via @DataON.