

Microsoft Hyper-Converged Appliance is the Prescription from Legacy SAN Ailments



Healthcare Medications Firm, Mission Pharmacal Solved Performance and Budgetary Concern with a Healthy Dose of Storage Spaces from DataON

The Challenge

The Company was looking for a Microsoft certified storage platform with fail-over cluster that runs Hyper-V that is a combination of performance and reliability for guaranteed Microsoft enterprise application availability.

The Solution

DataON Cluster-in-a-Box, (CiB) Hyper-Converged platform delivering highly-available services and shared storage in an energy saving and condensed footprint.

The Benefits

- Easy deployment and simple set up
- Cost 50% less than competitors
- Able to manage all virtualized VM on a single box
- Consolidation and reduced footprint from 16U to 8U

Customer Background and Needs:

For nearly seven decades Mission Pharmacal Company has been delivering prescription, over-the-counter, and dietary supplements to fulfill unmet healthcare needs at every stage of life. The company first learned about DataON products while participating in a Microsoft Hyper-V/Clustering training session and were thrilled with their ROI. Prior to the infrastructure change, the company ran Microsoft Hyper-V with SAN infrastructure from Tier 1 storage vendors. When they decided to upgrade the companies, IT infrastructure deployed across (2) data centers supporting 700 users connected to 50 virtualized Hyper-V servers.

The company began by looking for a Microsoft certified storage platform with fail-over cluster running Hyper-V while combining the performance and reliability for guaranteed Microsoft enterprise application availability. The Company was looking for something that has an easy deployment and scalable Hyper-Converged appliance that contains a predictable workload and failover capability, with reduced costs and delivers improved performance without dramatically increasing the IT budget.

The Solution:

DataON Hardware Appliance For Shared Storage to Optimize Scalability

DataON Microsoft Hyper-Converged Cluster-in-a-Box (CiB) storage platform engineered from the ground up to scale highly-available compute and shared storage services optimized predictable scalability as a turnkey configuration.

Customer Benefits:

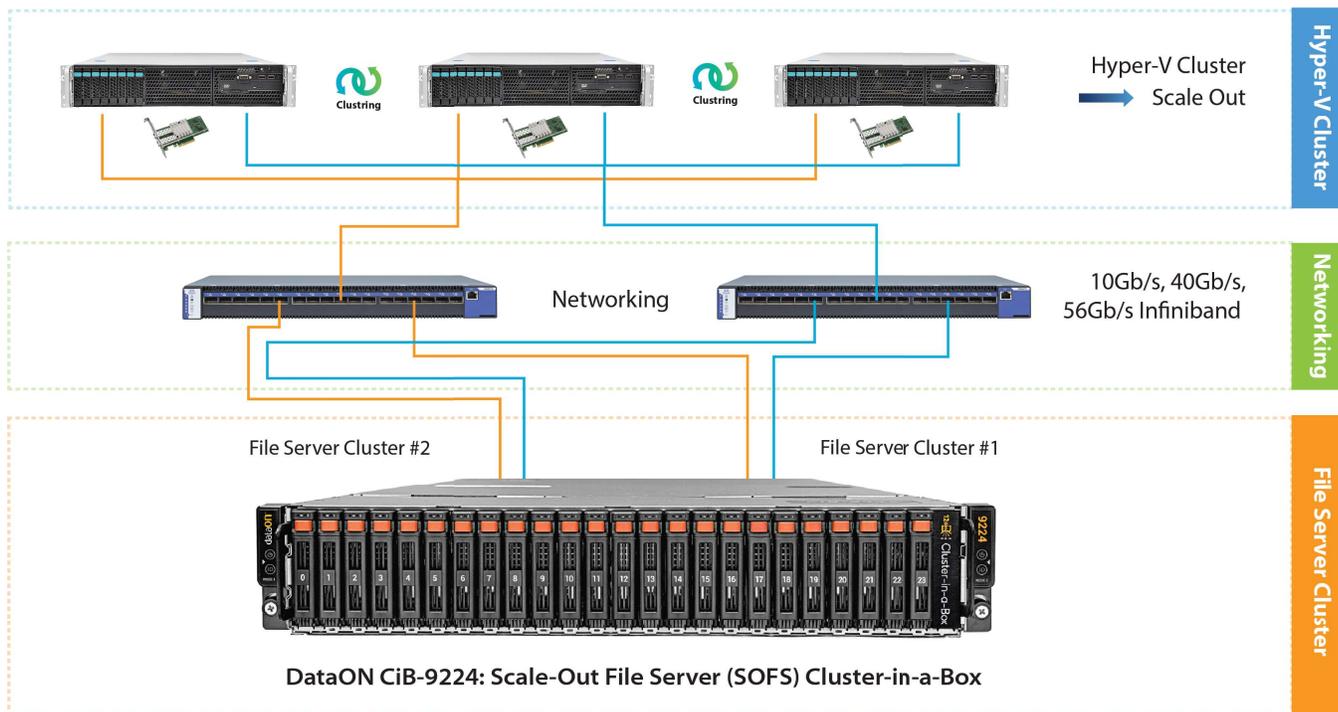
According to Mission Pharmacal the deployment experience was easy and simple to setup, and they could see a huge increase in performance compared to the previous solution. By consolidating all the compute and storage in a single Hyper-Converged storage appliance, the overall hardware footprint was reduced from a 16U rack to now less than 8U and the company could manage all virtualize VM on a single box with compute nodes and shared storage. Mission Pharmacal stated, "The CiB's allowed us to move our infrastructure off-site to the colocations quickly and painlessly." The space saving also translated to less electricity, cabling and cost of maintenance which had the cost at less than 50% of the competing storage solution thru the procurement evaluation process.

Solution Components



DataON CIB-9224 V12	
Specifications	<ul style="list-style-type: none"> • Hyper-converged dual node Cluster-in-a-Box • Intel Xeon appliance, up to 144 virtual cores • Up to 1TB memory; sufficient for 100s of VMs • 48TB tiered HDD/SSD shared storage capacity • Zero points of failure: dual domain, dual path
Qualifications	<ul style="list-style-type: none"> • Swift and simplified deployment architecture • Enables resilient easy to manage storage topology • Pay-as-you-grow with predictable performance • Scale-out and scale-up with additional appliances • Increase Microsoft-defined data center efficiency

Solution Topology



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