

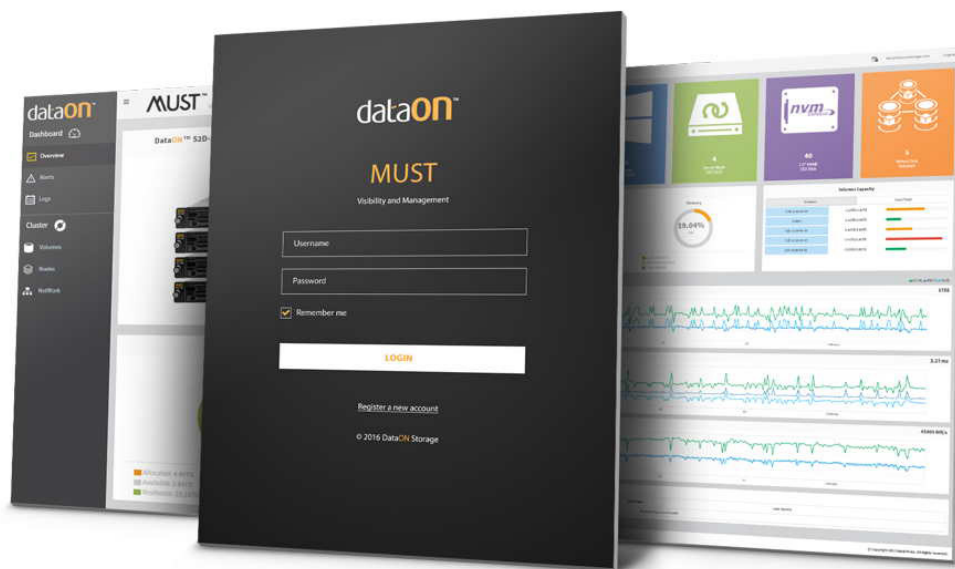
Highlights

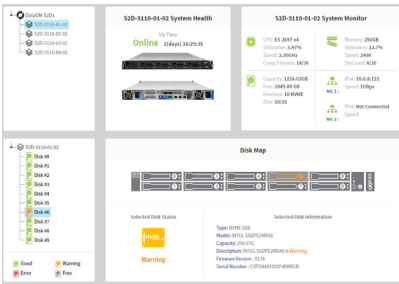
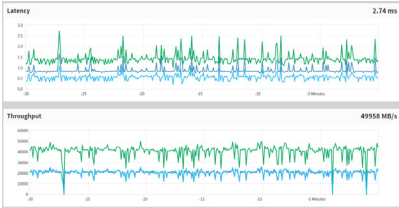
- Full integration with Windows SM-API
- Dashboard-level metrics
- System alerts based on Health Service faults
- Automated email services for administrators
- OOBE wizard for cluster configuration and setups
- Mobile-friendly user interface

Infrastructure Visibility and Management for Windows Server 2016

Microsoft's vision of a software defined data center (SDDC) with Windows Server® 2016 requires a new level of infrastructure visibility and management for hyper-converged systems, virtualization, networking, and storage. This is why we developed MUST™ (management utility software tool).

MUST provides infrastructure visibility and management for Microsoft's new suite of software-defined storage stack technologies like Storage Spaces Direct (S2D), Storage Replica, and storage quality of service (QoS) which, based on your policy, monitors hardware and software storage infrastructure to identify potential problems. Using an event-driven model for rapid detection with minimal overhead, MUST also provides on-demand access to curated collections of hyper-converged clusters, storage performance, and capacity metrics. The MUST dashboard display is designed to efficiently and dynamically connect the dots to help provide root cause analysis.





Windows Server 2016 Hyper-converged Cluster Platform Systems and Storage Monitoring

The MUST management framework is designed to support Windows Server 2016 Storage Spaces Direct and in a hyper-converged infrastructure, offers complete integration with Microsoft Storage Health Services for Windows Server 2016. It is built to provide multiple tiers of storage visibility and monitoring.

SDDC & Hyper-converged Infrastructure Tier: With the initial focus on storage monitoring and visibility, MUST provides system level information for performance, capacity, hardware inventory and faults/alerts. With MUST you will have a dashboard level view of your operational visibility, analytics, infrastructure health management, storage systems metrics and event logging insights.

Systems and Storage Services Audit Log Tier: At the systems and storage services audit level MUST provides detailed logging level visibility for events to perform root cause analysis and export source data for analytics.

Hyper-converged Cluster Appliance (HCCA)/Node Tier: At the HCCA node level MUST provides a deep level of visibility and management. It also provides pool, volume and device level performance, health and operational analytics for the HCI cluster. This enables you to provide proactive systems maintenance and understand requirements for workload migrations.

SAN-like Call Home Service Support: Windows Administrator can now have automated email alerts sent to key contacts based on the Health Services Faults in Windows Server 2016. You can also leverage SNMP traps for 3rd party monitoring including disk and hardware replacements.

Dashboard level metrics	<ul style="list-style-type: none"> Cluster and nodes with insights such as IOPS, latency, capacity and more. Metrics can also be aggregated across machines with built-in logic. Single API query for single and all node level metrics.
Systems alerts based on Health Service faults	<ul style="list-style-type: none"> Multiple distinct scenarios including hardware failure, misconfiguration, and resource saturation. Provides multi-level assessment with specific locations, fault description, and recovery actions. Built-in root-cause analysis and high-level fault monitoring.
Listener and call home service support	<ul style="list-style-type: none"> Automated email alerts to administrators based on fault setting and severity level. Disk replacement services based on categorization.
OOBE (Out-of-the-Box Experience) wizard	<ul style="list-style-type: none"> Performance tuning engine for optimizing S2D cluster performance. User account aggregation, domain creation, and others.

About DataON

DataON is the industry-leading provider of hyper-converged cluster appliances (HCCA) and storage systems optimized for Microsoft® Windows Server environments. Our solutions are built with the single purpose of rapidly and seamlessly deploying Microsoft applications, virtualization, data protection, and hybrid cloud services. Our company is focused on customers who have made the “Microsoft choice” and we provide the ultimate platform for the Microsoft software-defined data center (SDDC). DataON is a division of Area Electronics Systems Inc.

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