

STORAGE OPTIMIZATION ASSESSMENT

ORGANIZING AND OPTIMIZING STORAGE JUST GOT EASIER

Storage Capacity, Performance, and Vendor Details for Your Virtualized Environment

*Get a detailed report and next generation enterprise storage recommendations
Fully funded by Nth Generation through December 31, 2019*

With today's complex data center topologies containing numerous datastores and vCenters, the ability to correlate datastores, hardware vendors, models, capacity and performance for all VM's and hosts can be a daunting task. That task goes beyond human abilities and requires a data science platform when correlations and changes must be analyzed over time to understand and to predict trends.

Quickly identify and optimize datastores by vendors and models

Rapidly map datastores to underlying shared storage systems with the most contention or performance issues. Use this data to help you plan and rightsize VM placement, storage upgrades, and migrations to other platforms or the cloud.



Count, Summarize, and Correlate Shared Storage Details

The CloudPhysics Shared Storage Analytics card quickly summarizes all datastores currently deployed in your environment based on storage types, vendors, models, and performance. Visibility into these values can assist you to:

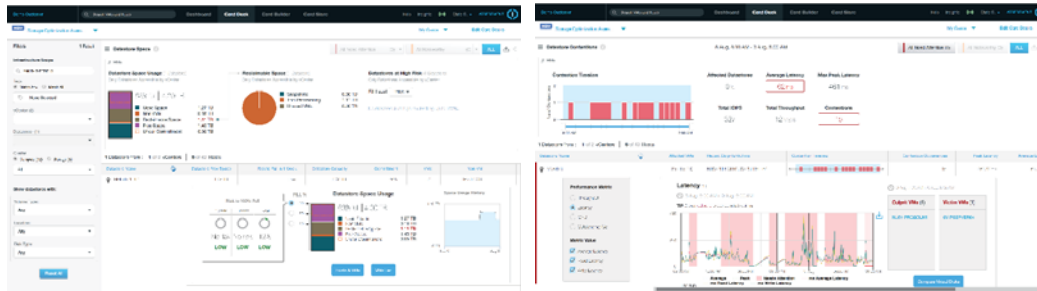
- Find datastores by hardware Vendor and Model
- Find performance bottlenecks by datastore and associated hardware
- Identify inefficiencies in hardware that can be upgraded or replaced
- Identify capacity and usage trends by datastore
- Use non-disruptive, patented workload tracing to simulate workloads on alternative storage platforms, and to conduct POCs remotely, eliminating on-premise POC work and systems
- The Shared Storage Analytics card can also quickly quantify storage utilization and performance for each datastore to focus on hosts and VM's generating the greatest impact on the storage subsystem. These same metrics can be used to scope and scale hardware upgrades and replacements within your environment. Take the data further and use the capacity output to plan placement or storage migration plans for new workloads based on over-commits, snapshots, and thin/thick provisioned capacity

"IT Ops teams managing virtualized infrastructures face a continuous onslaught of allegations that something is slow and that it is their fault. It turns out in over 90% of the cases where the infrastructure actually is at fault, the culprit is storage."

— Bernd Harzog, Analyst
The Virtualization Practice

Plan Your Storage Upgrades

When trying to identify datastores experiencing the greatest performance issues, this card will help you quickly identify the datastores with the greatest contention, lowest performance, or most activity. Use these results to identify read/write ratios, hardware vendor, and hardware model to quickly determine which resources should be upgraded and the potential impact on your data center.



CloudPhysics tells you where, why, and how fast you're running out of space – and what you can do about it. We also show you immediate cost savings opportunities.

Custom analytics

CloudPhysics provides a drag-and-drop analytics workbench that lets you click your way to deep insights and answers without scripting or spreadsheet-based manual analysis. As you dig down to specific clusters, hosts, VMs, or datastores, CloudPhysics automatically correlates the data and provides filters to pinpoint exactly what you're looking for. Save any analytic you create as a report you can run, use, share, and export in the future. Or just use the workbench for ad hoc analysis.

"Our ability to gather information about wasted resources has been difficult to obtain historically due to the size of our environment and drain on staff resources. With CloudPhysics, we were able to recapture 1TB of wasted space the first day."

Patented Contention Analysis Engine

Leverage CloudPhysics' Patented Storage Contention Analytics Models to further find problem spots in your storage systems and which systems and vendors are experiencing the greatest level of performance problems.

– Ryan Burgess
Infrastructure Architect
BlueShore Financial

CloudPhysics benefits

- Reduce the risk of storage-related failures and performance issues
- Dramatically shorten time to resolution of storage-induced problems
- Reclaim wasted space and defer spend on storage growth
- Give every administrator self-service analytics to make them data-driven experts

About CloudPhysics

CloudPhysics brings the power of big data analytics and collective intelligence to VMware infrastructures of all shapes and sizes. Our SaaS-based storage analytics solution helps organizations get virtualized storage performance and capacity under control, with deep insight and data-driven answers that drive better day-to-day operational decision-making.

Contact

Sign up by November 1st for your complimentary assessment -to be completed by December 31, 2019.
Email your request to assessments@nth.com.