

# DATA INFRASTRUCTURE INSIGHTS FOR VMWARE OPTIMIZATION



## THE PROBLEM

It is imperative to ensure optimal performance, manage costs and protect your virtualized environments across the hybrid multicloud estate. For optimal performance and scale, disparate and costly observability management frameworks and technologies may be needed to effectively monitor each datacenter whether on-premises and on cloud. This creates complexity with growing OPEX and personnel cost challenges. These challenges must be met with continually shrinking budgets even while managing multi-vendor and multi-platform environments whose resources span across an increasingly complex hybrid multicloud.

## THE SOLUTION

Optimize and right-size your virtualized compute and storage environments now to save costs and improve performance. With effective resource management and capacity planning, you will quickly identify your wasted or idle resources to reclaim cloud costs or to defer your on-prem investment. Continuously reduce waste and maximize resource utilization across your hybrid cloud while right-sizing your workloads to prepare for future cloud migrations and operate at scale post migration.



1

**Take control of future costs by an average of 30%\*** through identifying opportunities to right-size, from virtual machines, to containers, to entire cluster



2

**Take the trial and error out of right-sizing your vSphere environment** with historical utilization insights and previews to guide decisions



3

**Reduce troubleshooting time by up to 90%\***



4

**Manage demand by reducing compute and storage over-allocation**



5

**30-day free trial** with the opportunity to explore advanced Data Infrastructure Insights (formerly Cloud Insights) capabilities

\*NetApp Cloud Insights: A GigaOm benchmark report



**Take control of your virtualized infrastructure costs and optimize performance on the correct storage tier.**

## Where NetApp adds value



**Data Infrastructure Insights accelerates modernization and your ability to analyze, optimize, migrate, and operate anywhere.**

- Monitors your entire heterogeneous IT landscape, including virtual machines, storage and containers, using a user-friendly, standardized data model.
- Analyzes the infrastructure topology to show the workloads that are using specific compute and storage resources, as well as who owns those workloads.
- Easily analyze workloads for optimization and migration to maximize efficiency.
- Aligns your physical and cloud infrastructure allocation with your requirements to avoid unnecessary license expenses and reclaim unused resources.
- Facilitates operations at scale to optimize, maintain and prepare for continued data migration in your heterogeneous infrastructure.

## Only NetApp offers

### A complete portfolio

NetApp's strategy for operating infrastructure on-premises and in the cloud enables you to easily handle workloads in any cloud or private data center. Data Infrastructure Insights lets you strategically observe different platforms, from virtual machines to cloud compute, Kubernetes and down to local storage arrays at any scale—from a few clusters to hundreds or thousands.

### Comprehensive visibility

Data Infrastructure Insights does the heavy lifting of analyzing and correlating the information gathered from all the systems running in your virtualization environment. It projects storage usage ("time-to-full") and how it affects other resources, analyzes greedy and degraded shared resources, correlates changes and impacts, and more.

### Easy to use

Data Infrastructure Insights monitoring is easy to learn. Its simple query and dashboarding capabilities don't require intensive reskilling, and its workflow paths help you resolve key issues. Normalized views provide consistent operations across multiple storage vendors, and actionable insights for optimizing your VMware estate are available out of the box.

***"NetApp Data Infrastructure Insights advanced analytics for pinpointing problem areas are outstanding. It helps us to pinpoint where issues may be, whether they are with storage, the network, on the clients, or with the application itself."***

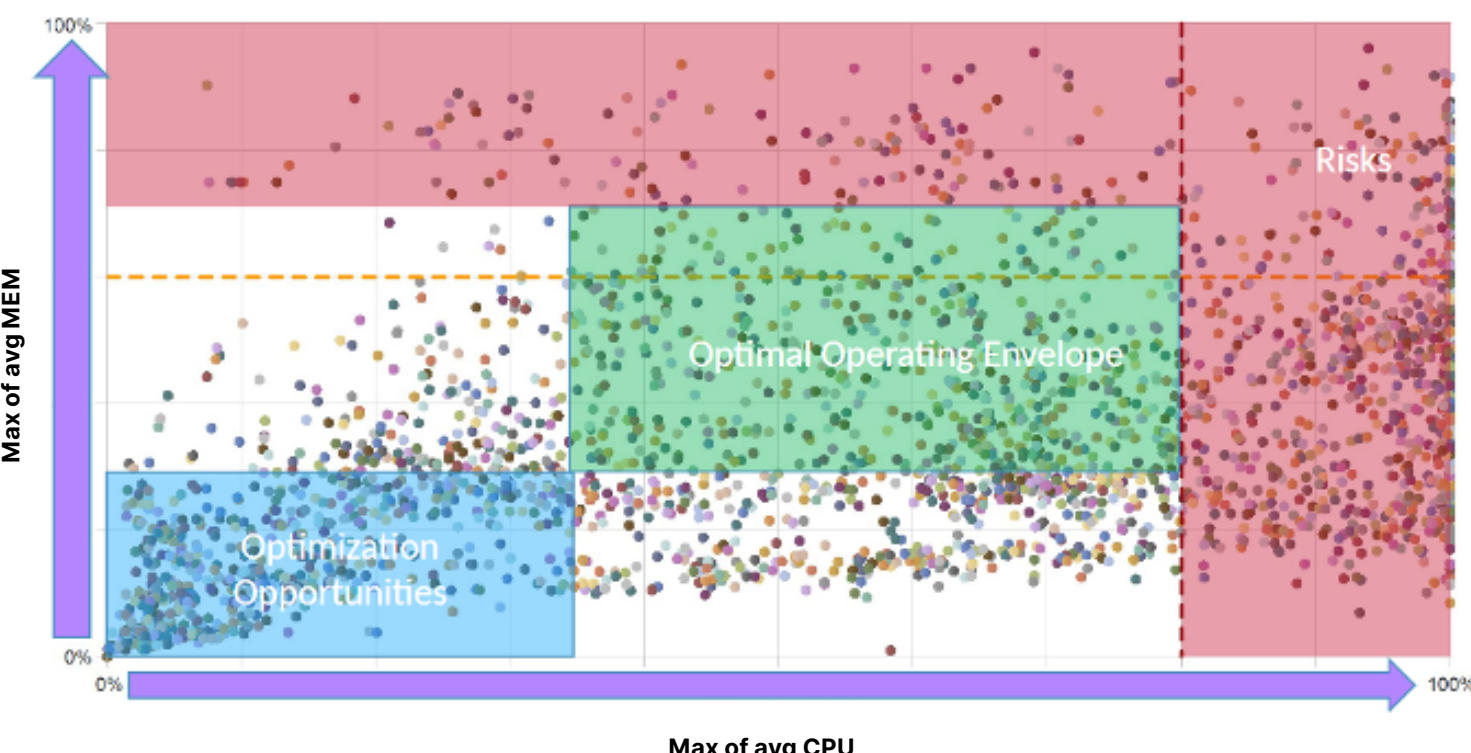
Ed Alexander, Senior Systems Administrator, large software company



## Start with a Virtualization Modernization Assessment

**Know your current state before you plan your future state.** This evaluation is a feature of the NetApp® Architecture and Design Service. Every VM is mapped on two axes, CPU utilization and memory utilization. During the workshop, all details are provided to the customer for both on-premises optimization and cloud migration strategies to promote effective utilization of resources and cost mitigation.

**On-Prem CPU and Memory Utilization** (for 14 days hourly)



## Additional resources

[Data Infrastructure Insights home](#) >

[Demo video](#) >

[NetApp VMware Solutions](#) >



Contact Us



### About NetApp

NetApp is the intelligent data infrastructure company, combining unified data storage, integrated data services, and CloudOps solutions to turn a world of disruption into opportunity for every customer. NetApp creates silo-free infrastructure, harnessing observability and AI to enable the industry's best data management. As the only enterprise-grade storage service natively embedded in the world's biggest clouds, our data storage delivers seamless flexibility. In addition, our data services create a data advantage through superior cyber resilience, governance, and application agility. Our CloudOps solutions provide continuous optimization of performance and efficiency through observability and AI. No matter the data type, workload, or environment, with NetApp you can transform your data infrastructure to realize your business possibilities.

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