

DATA INFRASTRUCTURE INSIGHTS

INFRASTRUCTURE CAPACITY PLANNING



THE PROBLEM

- Platforms from different vendors, use different tools and calculate utilization and capacity metrics uniquely, adding complexity to capacity planning.
- The complexity arising from different tools often ends in manual aggregation of capacity reports from different platforms or locations. It may take days or weeks for management to get even a limited view of utilization, and it may not be accurate.
- Most tools used for capacity management cannot give an in-depth view into both cloud and on-premises resource utilization.
- Multiple layers of abstraction, especially in the case of storage, can mask true utilization figures.

THE SOLUTION

With NetApp® Data Infrastructure Insights, you can:

- Have consistent, global visibility across all storage and compute resources, on premises and in the cloud.
- Predict time-to-full for your storage resources.
- Generate advanced business reporting.
- Defer investment in on-premises infrastructure through right-sizing and waste management.

**1**

SaaS scale with heterogeneous visibility of multivendor, hybrid cloud resources in one instance.

**2**

Powerful dashboards to provide the storage and compute metrics needed for capacity management and workload balancing.

**3**

Consistency across disparate vendors and platforms, with like-for-like comparisons of resource usage.

**4**

Identify wasted resources, defer off-cloud investment, and reduce on-cloud costs with routine optimization.

**5**

Advanced business intelligence (BI) reporting of historical and predicted future capacity trends, to manage capacity and performance that inform investment decisions.

**Eliminate waste, optimize usage, defer spending,
and achieve more with your limited budget.**

Where NetApp adds value



Capacity Planning

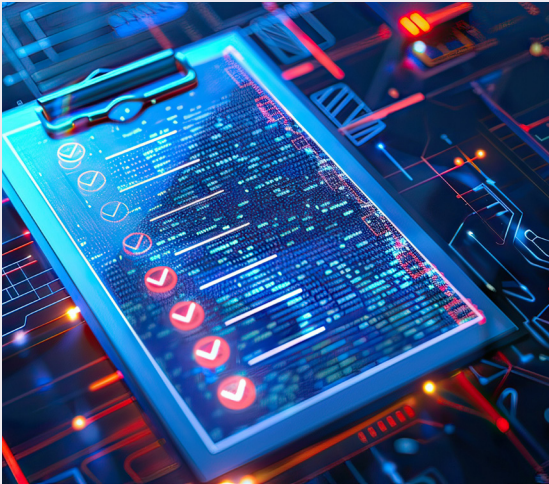
- Integrated optimization metrics into daily operations health checks for routine waste reduction.
- Straightforward identification of wasted resources to defer off-cloud investment and reduce on-cloud costs.
- Consistent views of utilization and waste across multiple cloud providers and off-cloud infrastructure.
- Workload right-sizing and resource balancing, to make the most of what you already have.



Infrastructure management

- Supports business decision making by attributing costs to metrics and reporting at an organizational level.
- Data warehouse for custom reporting, and integration with third-party BI suites.
- Advanced chargeback and showback reporting capabilities for storage, compute, cloud, and Kubernetes, all in one report.
- Rich data to make sure that resources are being used appropriately and are redeployed when they can be better utilized.

Only NetApp offers



Comprehensive monitoring

Data Infrastructure Insights quickly inventories your resources, along with interdependencies between them, and assembles a topology of your environment. This gives you end-to-end visibility into what infrastructure resources are supporting which applications or business units, regardless of whether the resources are in the cloud or on premises.

Easy to use

Data Infrastructure Insights is simple to use. Because it's hosted in the cloud, you'll be up and running fast, with real-time data visualization of the availability, performance, and utilization of your entire environment. Data Infrastructure Insights provides the expert views you need, and it's easy for the nonexperts on your extended team to use as well. This means that optimizing performance, availability, and efficiency can be everyone's job.



Securing your data

Detect risks and threats with a holistic machine learning approach. Data Infrastructure Insights detection automatically triggers a backup NetApp Snapshot™ copy, which gives you the ability to restore with minimal data loss. When you're under attack, Data Infrastructure Insights protects your data by restricting the attacker's access to user data. File forensics give you reports on who has accessed sensitive files and identify potential compliance policy risks.



“Data Infrastructure Insights is invaluable for capacity planning, helping us analyze trends and predict future needs.”

Scott Miller, Technology Fellow, DreamWorks Animation



Learn more about Data Infrastructure Insights >



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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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