NetApp
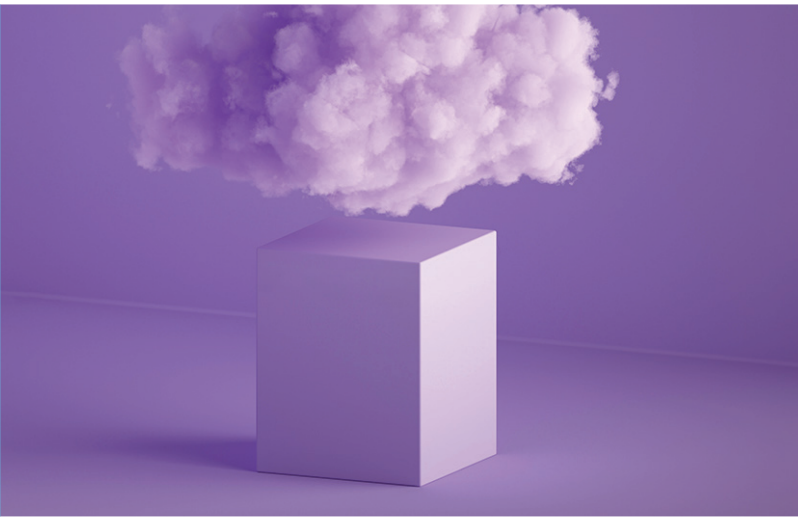
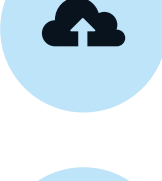# Cloud Insights: Hybrid multicloud observability providing observability for NetApp BlueXP
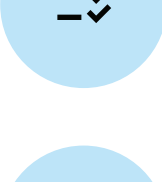
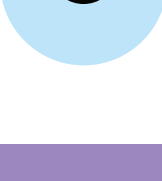**01** Quickly integrate your existing infrastructure to monitor all your resources easily at scale.

02 Find and fix issues before customer satisfaction is affected.

03 Meet SLOs and SLAs during and after moving to cloud.

04 Implement proactive waste management and accomplish more with your limited budget.

05 Take advantage of artificial intelligence and machine learning to predict issues and offer recommendations.

The problem

The impact of downtime is high—Forrester[1] estimates that it could cost more than $400K per hour. You need full-stack observability into your systems with a tool that keeps your systems running and that finds problems fast when they go down.

- You don't have an easy way to monitor your on-premises and cloud infrastructure.
- Hybrid multicloud observability can require multiple tools.
- Finding problems and optimizing infrastructure can be difficult when monitoring shared resources
- You can't visualize end-to-end application performance across the hybrid multicloud.

The solution

With NetApp® Cloud Insights, you can:

- Monitor your whole infrastructure with a simple, easy-to-use tool.
- Visualize the full stack to see how resources are related, helping you find problems faster.
- Easily consume metrics with an open API.
- Integrate head-room management and waste identification into daily processes.
- Balance allocation of capacity and performance effectively.

Find problems faster and be a hero.
Optimize usage, defer spending, and accomplish more with your limited budget.

Where NetApp adds value

Use case	NetApp benefits
Storage management	- Control the performance and usage of all your workloads. - When you have issues, find the problems before they affect customer satisfaction. - Optimize your growing cloud spending by understanding unused infrastructure and overprovisioned workloads. - Monitor all your IT infrastructure on your premises and in the cloud. - Take advantage of Active IQ® integration to directly identify risks and get prescriptive guidance.
On premises and migration to cloud	- Monitor your whole infrastructure, cloud, or on-premises environment with a simple, easy-to-use tool - Consistent monitoring view before, during, and after migration to cloud - Visualize the full stack to see resource relationships and find problems faster - Meet SLOs and SLAs during and after moving to cloud - Protect your budget with integrated optimization and cost management

Only NetApp offers

Complete cloud portfolio
NetApp's comprehensive cloud integration strategy enables customers to easily run workloads in both public clouds and private data centers. NetApp is a Fortune 500 company, and Cloud Insights is a strategic product for cloud monitoring. Small startups can't claim this level of stability and longevity.

Comprehensive monitoring
Cloud 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 the premises.

Easy to use
NetApp Cloud 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. Cloud 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. Know when you're under attack and have the tools to recover quickly. Cloud Insights detection automatically triggers a backup Snapshot™ copy, which gives you the ability to restore with minimal data loss. When you're under attack, Cloud Insights protects your data by restricting the attack source's access to user data. File forensics give you reports on who has accessed sensitive files and identify potential compliance policy risks.

"Cloud Insights ability to quickly inventory our resources, figure out interdependencies across them, and assemble a topology of your environment is brilliant… Advanced analytics also helped to reduce the time it takes to find performance issues. It just reduces the time to find issues. And it can predict issues which otherwise would take hours or days to find."

Ed Alexander, Senior Systems Administrator, Large Software Company

Additional learning

NetApp® BlueXP™ hub	Move to cloud demos and e-books	Cloud Insights home	Solution brief

About NetApp

In a world full of generalists, NetApp is a specialist. We're focused on one thing, helping your business get the most out of your data. NetApp brings the enterprise-grade data services you rely on into the cloud, and the simple flexibility of cloud into the data center. Our industry-leading solutions work across diverse customer environments and the world's biggest public clouds.

As a cloud-led, data-centric software company, only NetApp can help build your unique data fabric, simplify and connect your cloud, and securely deliver the right data, services, and applications to the right people—anytime, anywhere.

NetApp

Sources
1 "Are You Getting The Most From Your Hybrid Cloud?" 5ZNDXNBR (ibm.com)