NetApp

DATA INFRASTRUCTURE INSIGHTS: HETEROGENEOUS INFRASTRUCTURE MONITORING

THE PROBLEM

The impact of downtime is high—Research shows that it could cost more than $400,000 per hour. You need heterogeneous observability with a tool that keeps your systems running and that finds problems quickly when they go down.

- Dedicated tools (developed for a specific technology) have gaps in end-to-end visibility and introduce risk to a business.
- Managing a complex environment with multiple tools is time and resource intensive.
- Providing predictable performance for infrastructure consumers is difficult when you're monitoring shared resources.

THE SOLUTION

With NetApp® Data Infrastructure Insights, you can:

- Monitor your whole infrastructure with an easy-to-use tool.
- Visualize how resources are related—which helps you find problems faster.
- Easily ingest custom metrics and integrate with your existing third-party tooling by using an open API.
- Reduce siloed operation by using a common interface for all business areas, with consistent metrics and UI across your entire diverse environment.

1 **Quickly integrate your existing infrastructure** to monitor all your resources easily.

2 **Get true end-to-end visibility** to reduce the risk of gaps in dedicated tooling.

3 **Find and fix issues** before customer satisfaction is affected.

4 **Monitor and meet service-level objectives (SLOs) and SLAs** during and after data migration.

5 **Software-as-a-service (SaaS) deployment** for no maintenance overheads and unlimited, global scale.

Tooling enables effective triage and troubleshooting across complex environments. **True end-to-end visibility** helps infrastructure owners to monitor and maintain technology SLOs.

Where NetApp adds value

End-to-end visibility

- Get complete visibility of your complex, hybrid infrastructure with an easy-to-use tool.
- Consistently monitor performance SLOs before, during, and after data migration.
- Decrease risk by reducing tooling sprawl and eliminating visibility gaps created by dedicated monitoring tools.
- Save time and resources by using a SaaS tool with no associated maintenance or upgrades.

Infrastructure management

- Control the performance and usage of all your workloads, on and off-cloud.
- When you have issues, find the problems before they affect customer satisfaction.
- Provide predictable performance to service lines through optimization and rightsizing of infrastructure.

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.
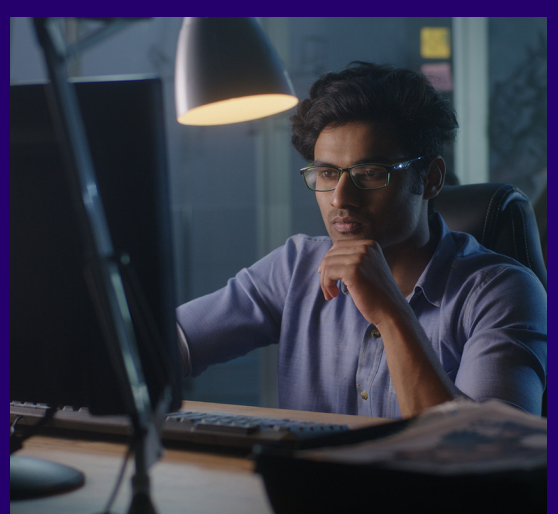
Easy to use

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 that 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.

Anomaly detection to secure 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' 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 resources

Data Infrastructure Insights Home >

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