NetApp

NETAPP DIGITAL ADVISOR
ACTIONABLE INTELLIGENCE

For optimal storage health, optimization, and availability across your intelligent data infrastructure.

Turning disruption into opportunity

As your priorities shift and your business needs evolve, it becomes crucial to maintain optimal performance and availability in your systems. Disruption affects your business frequently, especially when it comes to managing one of your most valuable assets: data. You generate and collect massive amounts of data every day, which poses relentless challenges for your storage administrators. Often, these administrators don't have the time to proactively ensure the health of your systems. Moreover, data and storage distributed across multiple locations worldwide can lead to silos and fragmented monitoring and maintenance of storage management.

Your administrators recognize the importance of implementing artificial intelligence operations (AIOps) to monitor and maintain a healthy and high-performing infrastructure. However, obtaining information, analytics, warnings, and other details can be a complex process.

Fortunately, there is a way to turn disruption into opportunity. Data science can help you stay ahead of potential problems and identify opportunities for optimization.

NetApp Digital Advisor can help

NetApp® Digital Advisor, powered by Active IQ®, simplifies proactive care and optimization of NetApp storage. It leverages AIOps to uncover opportunities for improving the overall health of your systems and provides insights, guidance, and actions to make it happen. This "actionable intelligence" leads to higher availability, improved security, and simplified storage operations. With seamless integration into NetApp Console, you gain the ability to act on these recommendations. From configuration changes to updates to backups, NetApp Console provides the unified control, operational simplicity, and integrated services required to thrive in today's highly complex world.

Actionable intelligence through data science

In data science, the volume, velocity, and variety of data are crucial. Every day, NetApp Console receives telemetry data from hundreds of thousands of systems worldwide, contributing to a multipetabyte data lake that processes trillions of data points each month. With a massive installed base supporting diverse use cases, Digital Advisor has access to a rich set of data for AIOps.

Digital Advisor continuously assesses this data, using predictive analytics and machine learning algorithms to identify risk factors and opportunities for improving system health, availability, and security. When a potential issue is identified, Digital Advisor can take immediate action, provide guidance for risk mitigation or configuration optimization, or use other NetApp Console services to resolve the issue.

Proactive care and optimization

Digital Advisor simplifies achieving optimal storage health. It constantly monitors for risk factors, misconfigurations, security vulnerabilities, outdated firmware, and failing hardware. It also keeps an eye on systems that are approaching performance or capacity limits due to unexpected or rapid growth. Anything that could jeopardize system availability, security, or performance receives attention and action.

Digital Advisor can also assess how well your systems align with known performance indicators. The health check assessment provides a wellness score, environment analysis, and recommendations for improving system uptime, performance, efficiency, security, and extending to the cloud.

Simplified storage operations

Like a trusted advisor, Digital Advisor keeps you informed and highly efficient. It provides continuous visibility into the health of your environment, alerts you when attention is required, and offers clear guidance for necessary actions. These actions might include recommending NetApp Console operational resilience for nondisruptive automated firmware upgrades, steps to secure your environment with NetApp Backup and Recovery, best practices to optimize configurations, identifying cold data that can be tiered to lower-cost object storage with NetApp Cloud Tiering, or preparation for NetApp ONTAP® upgrades through NetApp Console software updates.

Digital Advisor alerts, insights, and guidance are available in the format that suits you best. It seamlessly integrates into NetApp Console, providing the same experiences you rely on with Active IQ. It delivers comprehensive visibility into your system health, best next actions, extensions, and more. Along with its integrated API services, NetApp Console enables you to programmatically integrate Digital Advisor recommendations directly into your DevOps or change-management workflows. Digital Advisor alerts can also be accessed through NetApp Data Infrastructure Insights and Active IQ Unified Manager.

NetApp digital support

Digital Advisor is a core component of NetApp SupportEdge services, which combine live, cloud, and digital resources to deliver comprehensive support whenever, wherever, and however you need it. By following the proactive and predictive guidance of Digital Advisor, you can reduce the number and severity of support cases. However, if a problem does arise, our award-winning technical support staff is available 24/7 to resolve the issue promptly.

Monitor and maintain the health of your intelligent data infrastructure
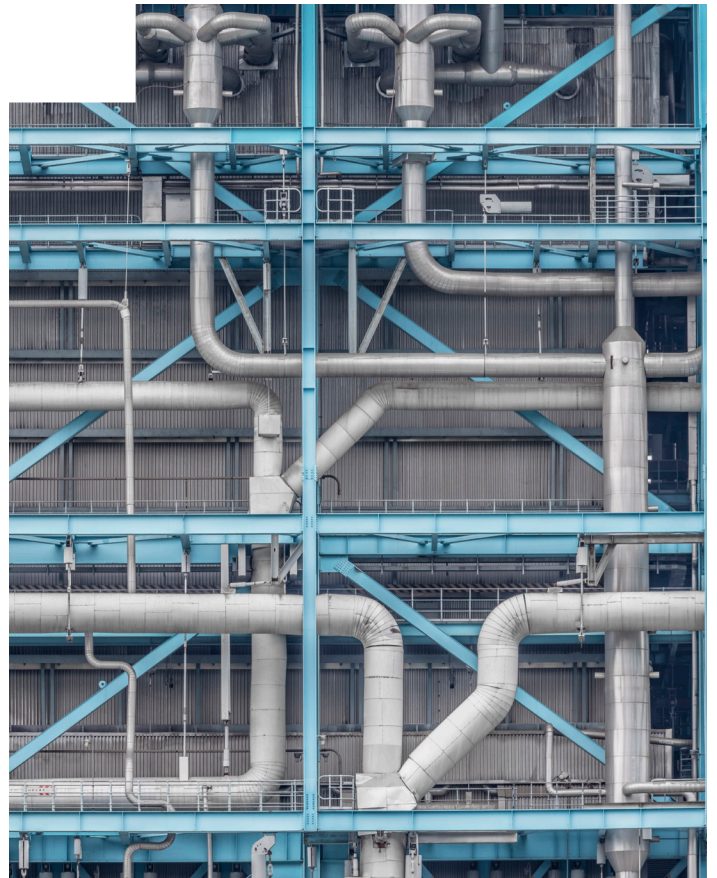NetApp Console offers simplicity, intelligence, security, and cost savings at your fingertips.

It delivers visibility, system health monitoring, actionable insights, and guided remediation simplicity. With powerful AIOps capabilities, you gain intelligent operations, while integrated services offer security, alerting, and opportunities for savings.

Regardless of where your data needs to be, Digital Advisor monitors, optimizes, and protects it, enabling proactive maintenance of your intelligent data infrastructure for optimal performance. It delivers the visibility, awareness, and security required to thrive in your highly complex world. You can make the most of your on-premises systems and leverage the opportunities for cloud extensions.

Digital Advisor is the answer to maintaining the health of your intelligent data infrastructure.

"With Digital Advisor, powered by Active IQ, we receive system recommendations and–just 2 hours later–have already upgraded our cluster."

Next steps
Learn more about NetApp Console and Digital Advisor.

Contact Us

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