Hewlett Packard Enterprise

Solution brief

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HPE DATA OPS MANAGER

Every organization wants to unleash the power of its data to drive digital transformation. But fragmented data management tools, manual processes, and infrastructure silos spanning edge to cloud are impeding data-driven innovation and agility and creating business risk.

Customers are looking for a radically simplified intelligent management experience for data infrastructure at scale across the lifecycle—from streamlined device deployment, to automatically optimized app deployment across a customer's fleet, to global infrastructure management. They are looking for a cloud-native control plane that scales autonomously with infrastructure, so managing hundreds of systems across geographies is simple as one.

Simplify infrastructure operations with cloud agility

HPE Data Ops Manager—delivered through the Data Services Cloud Console—enables global management and monitoring of data infrastructure from any location, from any device, and intent-based provisioning that brings a paradigm shift from LUN-centric to AI-driven, app-centric storage provisioning. Bringing the power of cloud agility, speed, and simplicity to data infrastructure wherever it lives delivers transformational outcomes—empowering organizations to manage data infrastructure in 99% less time.[1] This enables IT to reduce operating costs while helping optimize resource utilization, move to a generalist model, and shift from managing storage to managing data, thereby refocusing resources and skills on higher value strategic initiatives.

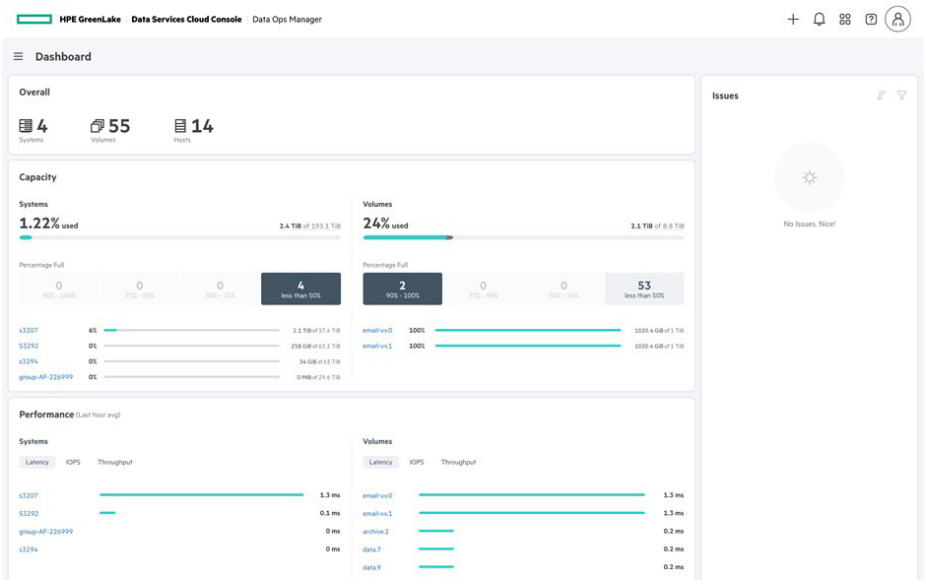

FIGURE 1. HPE Data Ops Manager Dashboard

[1] Comparison of infrastructure lifecycle management of HPE Alletra versus ESG Market Research, April 2021

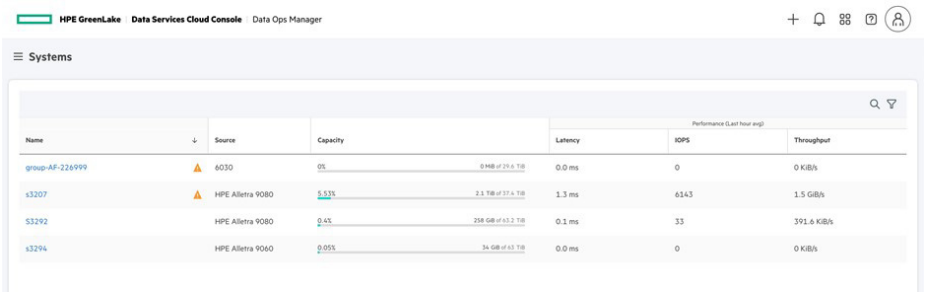

FIGURE 2. HPE Data Ops Manager—Single web interface for instant global visibility of data infrastructure

Key features

Global data infrastructure management: HPE Data Ops Manager helps eliminate the inefficiency of using disjointed, domain-specific data infrastructure management tools. It provides 100% cloud-managed infrastructure, which means you have everything you need at your fingertips to globally deploy, manage, upgrade, and optimize your entire fleet of data infrastructure—wherever it is in the world—from any location and on any device. The cloud-native control plane scales autonomously with infrastructure, so managing hundreds of systems across geographies is as simple as managing one.

Intent-based provisioning: Automate and help optimize app deployment with intent-based provisioning. This unique service mitigates guesswork and spreadsheets by helping ensure workloads are deployed on the right resource across a global fleet. Intent-based provisioning transforms storage provisioning from a LUN-centric, manual process to an AI-driven approach that leverages real-time context into resource headroom and application-specific SLAs to help optimize where your data is stored—automatically. Infrastructure admins only have to specify the workload type, capacity, and the number of volumes and host groups that need access to that workload. The service abstracts away all the low-level details traditionally demanded by provisioning such as having to specify and understand RAID types, block size, and data reduction (compression, dedupe).

Self-service experience: Intent-based provisioning, combined with role-based access control, enables self-service provisioning without the need for storage domain expertise. It enables developers to deploy applications faster by shortening data infrastructure provisioning from days to minutes. This accelerates application development cycles and makes possible the effortless app provisioning experience demanded by today's fast-paced DevOps processes.

Automate at scale: Data Services Cloud Console is a highly extensible control plane with a fully programmable, unified application programming interface (API) across edge-to-cloud infrastructure. This single API endpoint for your infrastructure allows organizations to automate self-service operations at cloud speed and scale without worrying about API versions, feature compatibility, or multiple scripting.

Operational dashboard: It provides an at-a-glance summary of your entire fleet of storage systems, volumes, and host servers including capacity and performance summaries and any reported issues. From this single dashboard, storage admins can readily gain visibility into the health and utilization of their global fleet, determine how resource utilization will grow across performance and capacity based on historical workload patterns, and zero in on specific systems that require their immediate attention.

HPE Data Ops Manager brings a radically simplified management experience at scale across the lifecycle—from streamlined device deployment, to automatic app deployment across a storage fleet, to global data infrastructure management. It's a cloud-native control plane that scales autonomously with infrastructure, so managing hundreds of systems across geographies is as simple as managing one. HPE Data Ops Manager is delivered as software as a service (SaaS), so there is no other software to deploy, manage, or maintain. Constantly stay current on the latest software features and updates without any action or involvement required.

LEARN MORE AT

hpe.com/us/en/storage/data-services-cloud-console.html

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