TOP FIVE

Top Five Reasons to Deploy Tintri IntelliFlash™ H-Series

IntelliFlash

The IntelliFlash H-Series hybrid flash systems combine the performance of NVMe with the economics of HDDs for a full-service intelligent storage infrastructure that's easy to manage and delivers an exceptional user experience. H-Series systems support multi-petabyte SAN and NAS workloads and autonomously optimize SSD-to-HDD ratios for all workloads running in virtualized and non-virtualized environments, with structured or unstructured data. Applications benefit from accelerated automatic data tiering and simplified flash operations, which deliver an ideal combination of performance and scalability for enterprise end-user file shares and AI, analytics and HPC workloads. The H-Series enables concurrent multiprotocol support on a single system for cost-efficient mixed workload consolidation, while incorporating powerful analytics software for faster data insights. These enterprise-grade systems also enable large-scale file services without the performance degradation experienced when using other NAS systems.

1 More Performance, More Scale
NVMe-Accelerated Hybrid Storage

Your most demanding workloads deserve uncompromised performance – especially when they are key to your business success. IntelliFlash H-Series combines the power of NVMe, software-optimized flash management, and robust enterprise data services and analytics. Our unique enterprise-class storage architecture autonomously optimizes NVMe SSD-to-HDD ratios for hybrid storage and also optimizes all-NVMe flash storage, delivering performance and capacity for all your business application needs. This flash-optimized approach also delivers the best flexibility and economics by supporting mixed storage media types.

2 Cost-Effective, On-Demand Scalability
Modular Architecture

Every enterprise is struggling to manage explosive growth; unfortunately, data center floor space, power, and cooling resources are key constraints that force IT administrators to find new ways of doing more with less. A creative solution is to combine the benefits of NVMe performance and the economics of SAS HDD capacity to dynamically scale storage and improve density. When you deploy H-Series with hybrid modular expansion shelves you can get up to 20PB of effective capacity in just 18RU.

3 Large-Scale File Services
Enterprise-Grade NAS

The IntelliFlash H-Series hybrid flash systems enable file services for multiPB, multiprotocol environments supporting concurrent data access across NFS and SMB protocols. And it scales without the performance degradation that usually accompanies large-scale file services running on other NAS platforms. IntelliFlash provides a broad spectrum of enterprise-grade data services including: snapshots, cloning, replication, encryption, deduplication, compression, thin provisioning, and backup integration.

4 High-Density Workload Consolidation
Multiprotocol Support

IntelliFlash H-Series systems simplify and optimize storage resources by supporting multiple storage media types, and SAN and NAS protocols concurrently in both physical and virtualized environments. You can support specific workload requirements for performance, capacity or both simultaneously using a single platform. In addition, H-Series systems provide granular visibility, management, and integration with key enterprise ecosystems. This integration simplifies provisioning, backup, disaster recovery, cloning and other critical data services. The versatility of IntelliFlash H-Series simplifies workload consolidation and protects your investments as business needs change.

5 Fast, Intuitive Data and System Insights
Intelligent, Self-Optimizing Analytics

IntelliFlash systems offer a differentiated combination of automation, analytic insights, and time-saving features to drive the most valuable workloads in today's data centers. IntelliFlash analytics and system monitoring capabilities simplify manageability by applying AI, rules engines, predictive decisionmaking, and data-driven workflows to improve overall system health, reliability, and predictability. IntelliFlash storage is proactively and autonomously managed, with future problems anticipated and resolved before users are affected. Intuitive intelligent analytics and system monitoring empowers nonexpert IT members to administer complex storage infrastructures at the application level, without the complexity of legacy storage.

For more information on how DDN and Tintri IntelliFlash systems can turbo-charge your business success with simplified Intelligent Infrastructure, visit www.ddn.com/intelliflash or www.tintri.com/intelliflash.

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Tintri
Intelligent Infrastructure

@ddn_limitless | www.ddn.com | info@ddn.com

@tintri | www.tintri.com | info@tintri.com