EVEN WHEN IT’S SMALL, IT’S A BIG BALANCING GAME

Just like today’s enterprise IT users, small and medium businesses (SMBs) must constantly juggle the trade-offs between budget, performance, and simplicity within their IT portfolio.

Budgets are either flattened or declining, driving them to do more with less. Both IT and human resources are impacted, which requires significant boosts in performance and automation to keep up with demands. And, at the same time, their IT infrastructures must constantly evolve and grow to take advantage of market opportunities.

The HPE MSA portfolio of hybrid storage solutions provides a key piece of IT infrastructure required in balancing these trade-offs. Now in its sixth generation, the HPE MSA Storage portfolio continues to be one of the leading entry-point SAN storage solutions for HPE servers over the last decade.

The HPE MSA Gen6 Hybrid Storage portfolio provides three key advantages for customers looking to deploy SAN-based storage including:

1. Affordable acceleration to hybrid-flash storage
2. Real performance you can see and experience
3. Proven simplicity in deploying and managing storage resources

TRANSITION TO AFFORDABLE HYBRID-FLASH STORAGE

Pick your point of entry

Choose the HPE MSA 1060 for the lowest cost HPE SAN storage solution offering support for hybrid-flash media. Designed to meet entry-level storage requirements, the HPE MSA 1060 is ideal for users with fixed capacity and performance needs supporting smaller IT workloads.

For larger dynamic workloads, choose the HPE MSA 2060. With more than twice the performance and almost triple the capacity as compared to the HPE MSA 1060, the HPE MSA 2060 provides the flexibility to scale both performance and capacity to meet demanding IT workloads.

To start with a hybrid-flash storage configuration, choose the HPE MSA 2062. Combining an HPE MSA 2060 with two preinstalled 1.92 TB SSDs and an Advanced Data Services license, HPE MSA 2062 offers significant savings for those users looking to start with a tiered storage solution on day one.

Balance budget and performance

Start small and scale as needed with any combination of solid-state drives (SSDs), high-performance enterprise SAS HDDs, or low-cost midline SAS HDDs.

Expand as your IT grows

With flexible, modular architecture that facilitates future growth, the HPE MSA portfolio supports both LFF and SFF expansion enclosures to expand your storage capacity as needed. Up to three expansion enclosures can be added to each HPE MSA 1060 array while as many as nine expansion enclosures can be added to the HPE MSA 2060/2062 array.
EXPERIENCE AN IMMEDIATE BOOST IN PERFORMANCE

Built for speed
A new Gen6 RAID acceleration ASIC and controller architecture improve system performance by as much as 50% as compared to HPE MSA Gen5. This improvement in IOPS and throughput help to lower system latencies enabling connected systems and users to experience better productivity.

Automated performance tiering
Utilizing new HPE MSA Tiering v2.0 enhancements, hybrid storage configurations automatically respond to I/O changes in real-time to deliver up to 45% more workload application acceleration when compared HPE MSA Gen5. Automated Tiering v2.0 operates at the pool level, is always on, and is initiated by adding more than one drive type to the pool.

Redefining RAID-based recovery for entry-level SAN storage
New HPE MSA-DP+ data protection brings significant improvements to traditional RAID technology including up to 25X faster rebuild performance (versus RAID 6), removal of idle drive spares, and configuration expansion at a more granular level (with as little as one drive per add).

REMOVE COMPLEXITY FROM YOUR STORAGE INFRASTRUCTURE

Intuitive user interface—no manuals needed
The HPE MSA Storage Management Utility (SMU v4) supports system configuration with step-by-step guided workflows that help eliminate errors and dramatically improve the user experience.

Simplified dashboard offers at-a-glance storage management
HPE MSA SMU v4 management enhancements allow user to quickly access important system information including: alerts, capacity, performance, and activity.

Avoid unplanned downtime with a few simple steps
The HPE MSA Health Check utility simplifies the tasks required to regularly check the health of your HPE MSA storage system. By simply uploading a log file from your HPE MSA array to the cloud-hosted HPE MSA Health Check utility, the application systematically checks for signs of non-compliance with multiple availability-related best practices. Once completed, HPE MSA Health Check generates a report detailing your system’s health and adherence to all best practices and known failure signatures. The report also provides detailed next-step guidance on solving any issues.

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