Reduce your storage capacity requirements by at least 50%
HPE XP7 Compression Guarantee Program

Are you running low on available storage space and looking for ways to increase storage efficiency? When you migrate to HPE XP7 storage, Hewlett Packard Enterprise will guarantee you a reduction in required capacity by at least 50%.

Does your storage environment effectively meet today’s needs while being aligned to meet future challenges?

Accelerate your move to HPE XP7 storage with consulting services from HPE Pointnext.

Get help in determining the future state of your storage environment with the HPE Storage Modernization Service:

- Review overall architecture and storage administration for maximum availability and efficiency
- Identify the optimal transformation scenario based on technical and financial criteria and develop reference architecture and road map plan

Migrate your organization’s critical data seamlessly to HPE XP7 with HPE Data Migration Services:

- Accelerate time to solution and optimize your return on investment
- Reduce transformation risk and time, and minimize impact on your operations

If the guaranteed savings are not met, Hewlett Packard Enterprise makes up the difference by providing up to 28 TiB of additional raw disk capacity, plus all related software and support.

By opting for the HPE XP7, you’ll be choosing worry-free migration and “zero” impact data compression—now that is refreshing!

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1 Qualification for the HPE XP7 Compression Guarantee is subject to your compliance with the HPE XP7 Compression Guarantee Program Terms and Conditions, which will be provided by your HPE Sales or Channel Partner representative.
HPE XP7 is created with state-of-the-art hardware and software storage technology. Supplement that with applied expertise in redundancy, eliminating single points of failure, proactive and reactive error management, performance tuning, and continuous quality improvement, the result is an industry-leading tier-1 storage platform providing peace of mind to all customers. Continued investment in Extreme Availability, Top Performance, Easy Management, and Improved Affordability will only increase customer confidence in deploying HPE XP7. Recent enhancements include:

- Multiarray virtualization
- Three Data Center DR solution
- Nondisruptive online data migration
- Always-on disaster recovery (DR)
- High availability (HA) quorum resiliency enhancements
- 100% Data Availability Guarantee \(^1\)
- 4.8M IOPS performance
- Inline HW compression with zero performance penalty
- New HPE XP7 Performance Advisor GUI
- REST API support for improved monitoring and third party integration
- HPE XP7 Compression Guarantee Program \(^2\)
- Higher capacity HDD/SSD at lower $/GB
- Controller-based inline compression and deduplication for lower capital expenditures (CAPEX)

\(^1\) Qualification for the HPE XP7 Get 100% Data Availability Guarantee is subject to your compliance with the HPE XP7 Get 100% Data Availability Guarantee Program Terms and Conditions, which will be provided by your HPE Sales or Channel Partner representative.

\(^2\) Qualification for the HPE XP7 Compression Guarantee is subject to your compliance with the HPE XP7 Compression Guarantee Program Terms and Conditions, which will be provided by your HPE Sales or Channel Partner representative.

\(^3\) Based on HPE internal quality and support monitoring. Excludes availability outages caused by factors external to HPE XP7 hardware and software.

**Compression without compromise**

**How can we do this?**

Imagine a single module that allows for densities of up to 14 TB per device. Imagine that its custom ASIC controller provides added computing resources for inline data compression, managing parallel tasks and concurrent I/Os.

That's the FMD. Unique to HPE XP line and similar to a solid-state drive (SSD), is a purpose-built solid-state device that takes the burden off the broader array. An ASIC with built-in compression engine compresses data in the most effective and direct way possible; it also happens with zero impact to the overall HPE XP7 performance.

This is an important differentiator. Other storage solutions don’t offer a similar feature. With those arrays, it’s not a question of if but how much performance will be lost by turning on compression.

While the HPE XP7 Compression Guarantee Program applies to data compression only, HPE XP7 offers additional compaction technologies such as Thin Provisioning and Deduplication that provide additional opportunities for storage savings.

**Designed to manage the unexpected**

At Hewlett Packard Enterprise, we understand that maintaining data availability is key for success in today’s fast paced and ultra-competitive market. When access to data is lost, even for a few minutes, it can lead to irreversible damage. Productivity is reduced. Revenue is lost. Credibility and reputation can be damaged. This is why innovation in reliability and availability is always top priority for HPE design teams.

With HPE XP7, extreme availability was embedded in the hardware and firmware from the start. It is an inherent part of the product’s DNA. Moreover, with every release, feature improvements and fine-tuning of process and best practices further increase the reliability of the system. Today, HPE XP7 is the perfect example for extreme reliability with demonstrated performance under extreme conditions.

As of time of this publication, data stored on HPE XP7 has been available every second, every day for every customer! So while other storage vendors tout data availability in terms of 9s (for example, 5 nines=99.999%), HPE XP7 doesn’t use 9s when talking about availability because there are no 9s in 100%.

**Storage built to meet extreme requirements**

HPE XP7 storage provides Extreme Availability, Top Performance, and Easy Consolidation for enterprise data centers.

HPE XP7 is designed for applications requiring 100% data availability with no downtime. It combines an extremely reliable architecture—full online scalability and completely redundant hardware—with ultra-high performance, advanced data replication, DR, and online data migration capabilities. HPE XP7 array-based virtualization as well as compression and deduplication features increase resource utilization and drive storage efficiency and affordability.

Learn more at [hpe.com/storage/xp](http://hpe.com/storage/xp)