

# 100% DATA AVAILABILITY

## HPE XP8 100% Data Availability Guarantee Program

**Guaranteed 100% data availability**

While other vendors measure availability in the number of "9s", there are no "9s" in HPE XP8 100% Data Availability.

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

Accelerate your move to HPE XP8 storage with consulting services from HPE Pointnext Services.

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 XP8 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

**Does your mission-critical Open System, NonStop, and Mainframe application need uninterrupted access to storage data, even under failure or maintenance conditions? Get 100% data availability, guaranteed, with the HPE XP8 storage array.**



### DESIGNED TO MANAGE THE UNEXPECTED

At Hewlett Packard Enterprise, we understand that maintaining data availability is paramount for success in today's fast paced and ultra-competitive market. When access to data is interrupted, even for a few minutes, it can lead to irreversible damage. Productivity is reduced. Revenue is lost. Credibility and reputation can be damaged. Business viability may even be questioned.

This is why innovation in reliability and availability is always top priority for HPE design teams.

With HPE XP8, extreme availability is embedded in the hardware, software,

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, XP Storage is the perfect example for extreme reliability with demonstrated performance under extreme conditions.

Since April 2014, data stored on HPE XP has been available 100% of the time for every customer.<sup>1</sup> That's over 5 years, and running, of demonstrated 100% availability! HPE XP8 is poised to continue that record into the future. So while other storage vendors tout data availability in terms of 9s (for example, 5 nines = 99.999% availability), HPE XP doesn't need 9s when talking about HPE XP availability results. There are no 9s in 100%.

<sup>1</sup> Based on HPE internal quality and HPE Pointnext Services monitoring. Excludes availability outages caused by factors external to HPE XP8 hardware and software.

## Solution brief

HPE XP8 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, and the result is an industry-leading tier-0 storage platform providing peace of mind to all customers. Continued investment in Resilience, Performance, Intelligence, and Agility will only increase customer confidence in deploying HPE XP8. Key features include:

- Multiarray virtualization
- Three Data Center DR solution
- Nondisruptive online data migration
- Always-on Disaster Recovery
- NVMe
- 100% Data Availability Guarantee<sup>2</sup>
- 21M IOPS performance
- Inline HW compression with zero performance penalty
- New HPE XP8 Performance Advisor virtual machine analytics
- HPE Intelligent Storage Manager
- HPE XP8 Compression Guarantee Program<sup>3</sup>
- HPE Data Protection Manager

<sup>2, 5</sup> Qualification for the HPE XP8 Get 100% Data Availability Guarantee is subject to your compliance with the HPE XP8 Get 100% Data Availability Guarantee Program Terms and Conditions, which will be provided by your HPE Sales or Channel Partner representative.

<sup>3</sup> Qualification for the HPE XP8 Compression Guarantee is subject to your compliance with the HPE XP8 Compression Guarantee Program Terms and Conditions, which will be provided by your HPE Sales or Channel Partner representative.

<sup>4</sup> Doubling the capacity is part of the compression guarantee. Substantiation and remedy if not achieved is outlined in the terms and conditions.

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## STORAGE BUILT TO MEET “EXTREME” REQUIREMENTS

HPE XP8 Storage system ushers in the 8th generation of HPE XP storage technology. Targeted at mission-critical Open System, NonStop, and Mainframe 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, disaster recovery (DR), and online data migration capabilities. HPE XP8 compression and deduplication features increase resource utilization and drive storage efficiency and affordability.

HPE XP8 storage array-based virtualization integrates with clustering solutions for complete business continuity, disaster tolerance, and data protection. The XP8 storage virtualization increases availability, simplifies DR, and improves resource utilization by helping eliminate storage silos.

HPE XP8 Flash Module Device (FMD) cater to extreme performance and low latency needs, which are efficiently met with the higher performance, lower cost solid-state nonvolatile data capacity. Attain both ultra-high performance and sustained extremely low response times for the most demanding application workloads. The FMD compression engine delivers over double the flash capacity per device, and the higher density FMDs makes mission-critical flash more affordable.<sup>4</sup>

## HPE XP8 GET 100% DATA AVAILABILITY GUARANTEE PROGRAM<sup>5</sup>

By deploying any new HPE XP8 storage system following standard configuration guidelines, you get an extreme-availability storage system for mission-critical Open Systems, NonStop, and Mainframe environments.

Hewlett Packard Enterprise has always been committed to quality, availability, and reliability. That commitment has paid off in HPE XP Storage. HPE is so confident that HPE XP8 customers will continue to experience extreme availability that we'll back it up with a guarantee in writing. If you experience less than 100% availability while adhering to the terms and conditions of the Get 100% Data Availability Guarantee Program, HPE will work with you to resolve the issue and provide three additional months of support free.

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