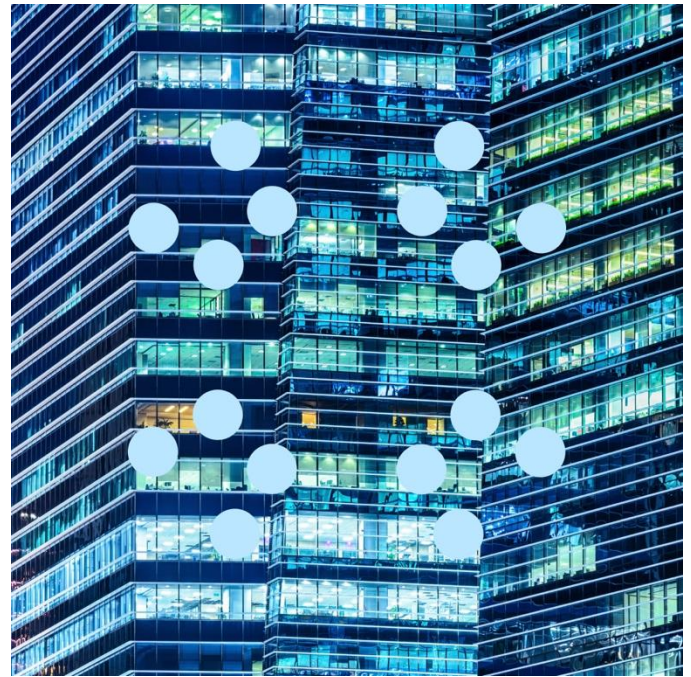


IBM Storage DS8000 (10th generation)

Navigating Innovation: Leading IT
into the future



IT leaders today have made data resilience a top priority; IBM DS8000 is characterized by unrivaled cyber security and resiliency with a commitment to support mission-critical workloads across hybrid cloud deployments with the highest standards of performance and scalability.

The next-generation of IBM Storage DS8000, is the latest innovation in enterprise-class storage for IBM Z mainframe architectures. Designed to harness the full power of IBM Z, this 10th generation of IBM Storage DS8000 is designed to provide organizations access to critical workloads, consistent and optimized data performance, and a modular architecture to adopt the latest IBM research-backed technologies to fuel business growth while monetizing data.

**Unbeatable combination enhancing
performance, reliability, and security
ensuring the availability of critical
business workloads**

8-9's

Of availability for
uninterrupted
business operations

100%

Peace of mind with
Encryption,
Z Cyber Vault and
Safeguarded Copy

73%

Improvement in
application
responsiveness with new
PCIe Gen 4 flash
enclosure

2.5X

Reduction in
transaction time with
PCIe Gen4 and
zHyperLink for
transactional workloads

2X

Capacity in the same physical space
with thin provisioning and hardware compressed
FCM 4 flash drives for improved data center efficiency
and sustainability

- 8-9's availability: For clients running IBM z16 with z/OS 2.5 and common IBM software stack, users can expect up to 99.999999% availability when the configuration includes an enabled Parallel Sysplex, System Recovery Boost (SRB), GDPS, DS8K with HyperSwap, and best practices.
- 73%: Based on IBM internal data. Measurements based on DS8000 10th Generation with HPFE Gen3 using FCM flash media and NVMe on PCIe gen4 protocol compared to DS8900F with HPFE Gen2 with standard flash media and 6Gb SAS protocol.
- 2.5X: Based on a 12*4KB log write workload using 4 zHyperLink connections between a Z server and DS8000 10th Generation
- 2X: based on IBM internal calculations of drive capacity and assuming 2:1 compression of host data on the system. The integration of IBM FlashCore Module (FCM 4) in DS8000 10th generation provides hardware compression and encryption, data reduction storage pools created from FCM will be thin provisioned.

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