

Modern Approaches to Data Storage

Data, the heartbeat of business, can grow to unmanageable volumes quickly. However, organizations that can quickly leverage data sets to inform real-time decisions and actions are way ahead of the competition. What are organizations doing to make the best use of the data on hand?

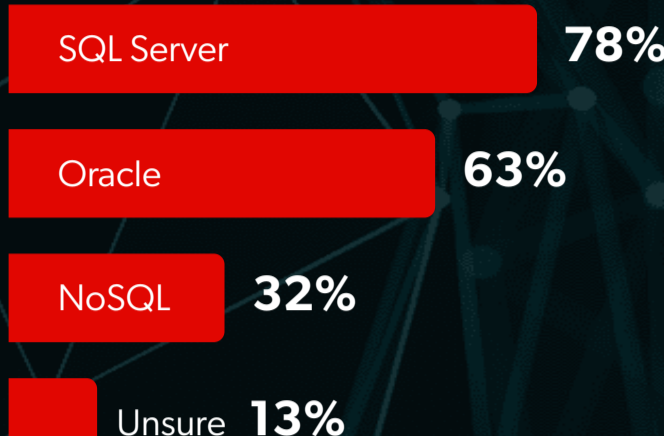


Gatepoint Research surveyed more than **100 IT, Data, Analytics and Storage experts** across multiple industries to find out.

Respondents' data storage solutions include **NAS**, utilized by three-quarters, and/or **SAN** (69%).

Less than half use **DAS** (40%) or **SDS** (38%).

Database(s) currently in use



Two-thirds of survey participants store data in a hybrid environment. The remaining third report either being mostly in the **cloud** (20%) or **solely on-premise** (13%).

59%



100 Gb Ethernet

53%



Fibre Channel

Storage network infrastructure(s) currently in place

16%



40 Gb Ethernet

14%



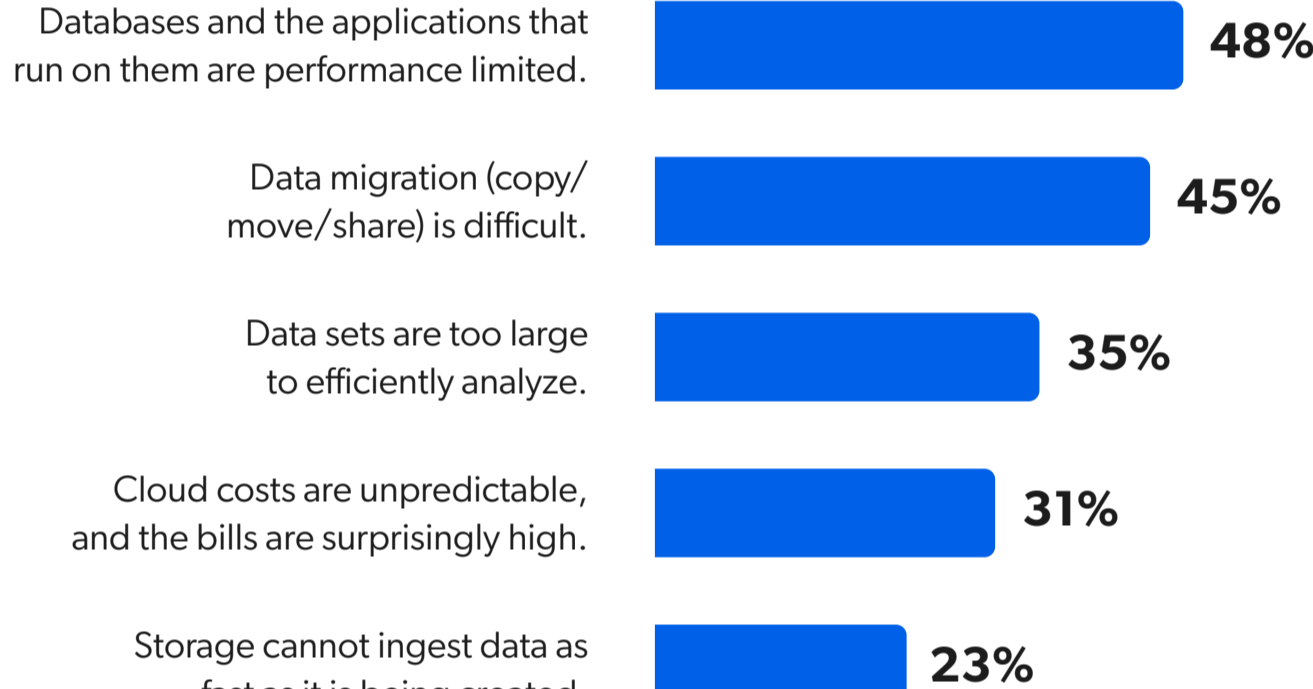
25 Gb Ethernet

12%

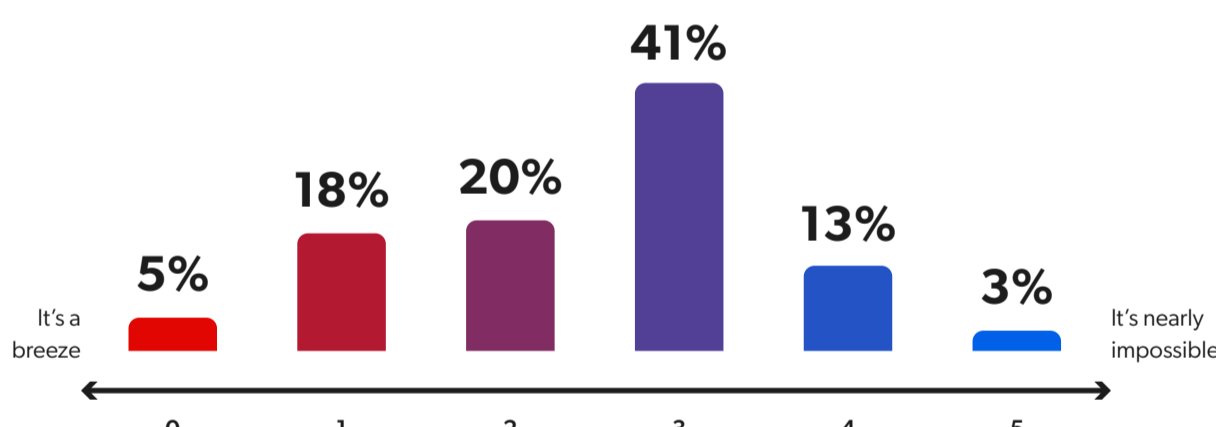


InfiniBand

Day-to-day challenges related to working with data



57% of respondents indicated that managing different types of data (block, file and object) concurrently from a single platform is difficult to nearly impossible.



Data management improvements needed relate significantly to the volume, velocity and variety of data and challenges associated with rapid and simplified analytics operations

46%

Improve ability to process/analyze large datasets

42%

Simplify management

38%

Accelerate application performance

38%

Accommodate storage growth

36%

Reduce data latency

29%

Reduce TCO

26%

Improve database concurrency

24%

Consolidate applications

21%

Reduce storage footprint

19%

Increase write performance

11%

Implement pay-as-you-go storage consumption model



About Pavilion

Pavilion provides a data analytics acceleration platform that enables enterprises to derive greater value from their data — faster, simpler, and at scale. The Pavilion HyperParallel Flash Array is the perfect complement for AI/ML, HPC, analytics, edge, and other data-driven workloads and it is the ideal data IO platform for GPU-based computing platforms. It delivers DAS-like performance at scale, with the benefits of SAN. Learn why Fortune 500 companies and federal government agencies choose Pavilion.

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*Management levels represented:

11% CxO or VP 17% Director 34% Manager 16% Engineer 14% Data Scientist 8% Architect/Analyst/Storage Administrator