

ADDRESS TODAY'S STORAGE CHALLENGES

Get the superior performance, data reduction, and usability you need by making use of a unified platform.

Features we recommend:

- Low latency and high performance
- A unified platform for mixed data types
- High data reduction and storage efficiency
- Streamlined and insightful controls

How we tested:

In this study, Prowess Consulting evaluated Dell PowerStore™ 500T and IBM FlashSystem® 5300 enterprise storage solutions.

We evaluated each system for the following key performance indicators (KPIs):

- Latency during snapshot creation
- Data reduction ratio (DRR)
- Overall performance for small write workloads
- Management ease of use



What we observed:

The Dell PowerStore™ 500T solution outperformed the IBM FlashSystem® 5300 solution, with up to:¹

52x

lower latency during snapshot creation

2.3x

higher DRR

1.66x

the write performance

2.3x

fewer steps to provision volumes

The Dell PowerStore™ 500T solution also showed superior:¹



Support for data types

Handles block, file, and virtual volumes



Maximum number of snapshots

Supports up to 50,000 snapshots



Visibility into storage

Provides granular views into data volumes

Learn How Your Organization Can Benefit

Make a more informed decision by reading the Prowess Consulting technical research report, ***"Maximize Performance, Efficiency, and Usability for Enterprise Storage."***

Endnotes

¹ Prowess Consulting. "Maximize Performance, Efficiency, and Usability for Enterprise Storage." Commissioned by Dell Technologies. January 2025.

Legal Notices and Disclaimers

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