



DMS Data Migration Server

FAST, SIMPLE,
SAFE
MIGRATIONS
FROM LEGACY
SAN STORAGE

With the increased adoption of new physical, virtual, cloud, and hybrid storage systems, the need to migrate data is as urgent as ever. However, most migration projects require time-consuming and risky changes across the SAN such as installing drivers at the hosts or changing FC zones and LUN masking. Downtime is often required to deploy the solution.

As the acceptable migration window shrinks, organizations need a faster, simpler approach. The **Data Migration Server (DMS)** solution from Cirrus Data provides the answer.

Cirrus Data specializes in providing plug-and-go solutions for data management. The **Data Migration Server (DMS)** is a unique solution that enables dynamic, centralized, automated migration without requiring any changes to the storage infrastructure. Powered by patented Transparent Data Interception (TDI) technology, the DMS installs into any live system in minutes, and automatically discovers all of the hosts and LUNs for disk-based block-level migration. This saves an enormous amount of planning and execution time, and eliminates the downtime associated with traditional migration methods.

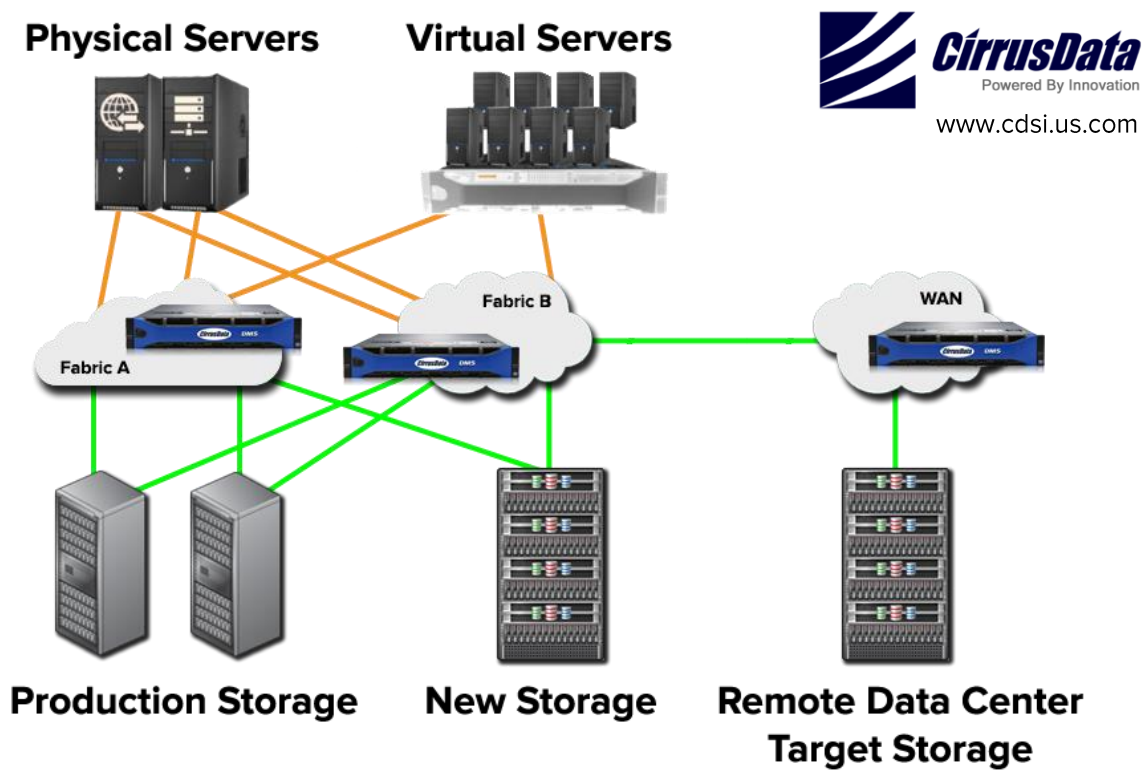
Easy Installation

DMS appliances can be transparently inserted into existing FC SAN paths without requiring any changes to hosts, SAN switch zoning, or storage unit LUN masking. Once inserted, DMS is aware of all reads and writes. Users can configure new storage at the local or remote data center to receive data. Migration jobs can be defined and scheduled with various migration priorities and aggressiveness levels to ensure optimal traffic efficiency and productivity.

FEATURES

- Plugs directly into live SAN systems
- Powered by patented TDI technology for zero-downtime deployment
- Cost-effective, centralized migration
- No re-configuration of client hosts, SAN switch zoning, or storage
- High availability (HA) option for full redundancy
- Real-time view of activities and environment
- AES-256 encryption used for secure remote migration
- Secure erasure for complete data wiping
- Throttling for adjustable performance with auto-back-off
- Optimized TCP/IP transport for remote migration
- Dynamic checksum ensures data integrity
- Migrations can be physical-to-physical or physical-to-virtual

Cirrus Data's DMS installs in minutes into a heterogeneous environment without requiring downtime and can migrate data either locally or remotely, between physical and/or virtual systems.



DMS Specifications	DMS-4000T	DMS-4000	DMS-8000
Form Factor	2 nodes in one 2U	2U rack mount	
Weight	85 lbs (25 kg)	58 lbs (26.3 kg)	
Size	3.47 x 17.25 x 28.5 in (88 x 438 x 724 mm)	3.44 x 17.08 x 29.75 in (87 x 433 x 756 mm)	
Power	2 Hot-plug dual supply		
Heat	2086 BTU/hr	2891 BTU/hr	
Processor	Dual Intel Xeon 6 cores / node		
Memory	16GB / node		
Nodes per Set	2		
Total Number of Nexus	8 (16 x 8Gb FC Ports)	8 (16 x 8Gb FC Ports)	16 (32 x 8Gb FC Ports)
Total Remote Migration Ports	2	4 (4 x 1Gb Ethernet)	
Total Max. Throughput	6 GB/s		12 GB/s
Total Max. IOPS	1,000,000		2,000,000



For more info, visit www.theheadwatersgroup.com