



Cirrus Migrate On-Premises

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 still require time-consuming and risky changes across the SAN, such as installing drivers at the hosts, 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. Cirrus Data's Cirrus Migrate On-Premises solution (formerly Cirrus Data DMS) provides the answer.

Zero Downtime, Fast Migration

Cirrus Migrate On-Premises 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, Cirrus Migrate installs into any live system in minutes, and automatically discovers all hosts and LUNs for disk-based, block-level migration.

Once inserted, Cirrus Migrate is aware of all reads and writes to and from production storage. Via the included storage plug-ins, users can automate allocation and configuration of the new destination storage at the local or remote data center. iQoS enables migration jobs to be defined and scheduled with various migration priorities and aggressiveness levels to ensure optimal traffic efficiency and productivity at all times. After data migration has completed, the Cirrus Migrate exclusive pMotion feature facilitates cut-over without downtime, allowing old storage to be immediately retired.

Cirrus Migrate continues to save enterprises and services organizations an enormous amount of planning and execution time for data migrations regardless of destination. By eliminating the downtime associated with traditional migration methods, companies can realize the ROI of their new storage faster and more cost effectively.

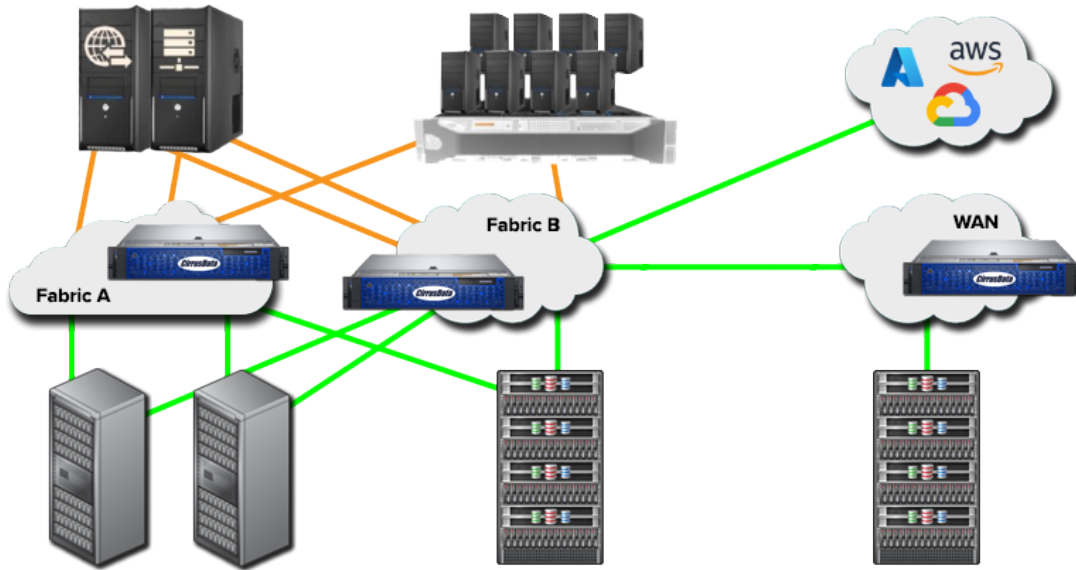
Features

- Patented TDI technology facilitates zero-downtime deployment
- Inserts directly into live SAN
- No re-configuration of client hosts, SAN switch zoning, or storage
- Provides real-time view of activities and environment
- Provides physical-to-physical or physical-to-virtual migrations
- Intelligent QoS (iQoS) auto-adjusts performance based on I/O traffic
- Dynamic checksum ensures data integrity
- High Availability (HA) option for full redundancy
- Optimized TCP/IP transport and AES-256 encryption for efficient and secure remote migration
- Exclusive pMotion feature allows zero-downtime cutover
- Secure erasure for complete data wiping
- Cost-effective, centralized migration

Physical Servers

Virtual Servers

Cloud



Production Storage

New Storage

Remote Data Center Target Storage

Specifications	CMO-4000T	CMO-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" (88 x 438 x 724 mm)	3.44" x 17.08" x 29.75" (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 # of Nexus	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	6GB / sec	12 GB / sec
Total Max IOPS	1,000,000	2,000,000

ABOUT CIRRUS DATA

Cirrus Data Solutions Inc. (CDS) is a leading technology provider of next-generation solutions for data migration, data acceleration, and data protection. The company distributes its solutions through systems integrators, managed service providers, channel resellers, and partners including HPE, IBM, Dell/EMC, Insight, Pure Storage, Infinidat, Align, SHI, ePlus, Computacenter, Mainline, Sirius, WWT and many others. CDS is headquartered in Syosset, New York and has offices located in Dublin, Ireland, and Nanjing with sales and support offices in Boston and Chicago.

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