DMS

Data Migration Server
Plug-and-Go Storage Migration

With the increased adoption of new physical, virtual, and cloud based 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 to migrate your Pure Storage FlashArray seamlessly.

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.

With Pure Storage you can accelerate applications, increase revenue, drive higher productivity and systems, and create a sustainable advantage. FlashArray's performance can unleash the power of real-time analytics, drive customer loyalty, and create new, differentiated customer experiences.
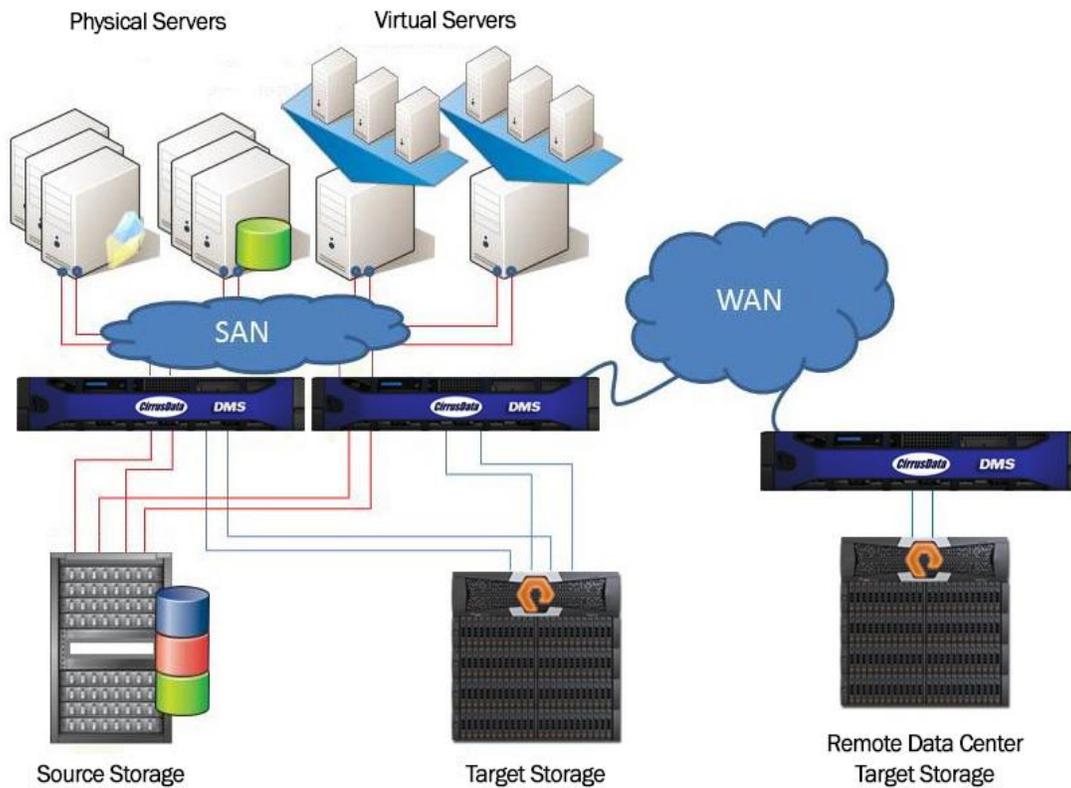
Easy Installation

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 Pure 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

"The powerful combination of Pure Storage and Cirrus Data provides an ideal path for migrating from spinning disk to an all flash array; both are fast and high performance, whether the project is local or remote" – Irwin Teodoro, Sr. Director Datalink Corporation

Physical Servers · Virtual Servers · WAN · SAN · CirrusData DMS · CirrusData DMS · CirrusData DMS · Source Storage · Target Storage · Remote Data Center Target Storage

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.

	Simplicity	Performance
Cirrus Data	• Non-disruptive SAN migration takes only minutes to install • No changes to Hosts, Storage or Switches • Migrations can be local, remote, physical or virtual	• Can run at Fibre Channel speeds • Production impact controlled with multiple throttling options • Reduced time to migrate with thick to thin option
Pure Storage	• Plug-and-go deployment that takes only minutes, not days • Non-disruptive upgrades and hot-swap everything • Less parts = more reliability	• Up to 300,000 32K IOPS • Up to 9GB/s bandwidth • <1ms average latency

CirrusData

For more information, visit cdsi.us.com & follow us:

f 🐦 g+ 🔗in

PURE STORAGE