



## Simplify Data Migration

### Lenovo® Storage S3200 & SANsymphony™-V

Whenever a data storage upgrade is required to improve performance or to add significant new capacity, there remains the challenge of how to efficiently migrate data from existing storage devices.

In some cases the aim will be to decommission a legacy infrastructure, however in today's tough economic climate moving reliable older storage devices into less demanding roles makes an attractive proposition.

#### DataCore Ready Certified

The combination of Lenovo Storage S3200 arrays and DataCore SANsymphony-V Software-defined Storage platform, certified under the rigorous DataCore Ready Program, offers a flexible choice of capacity and performance-based storage upgrades while providing an easy method to migrate data from older devices.

#### A Powerful Storage Infrastructure at a Compelling Price

SANsymphony-V software consolidates like and unlike storage devices into a larger shared storage pool, dynamically auto-tiering between different classes of equipment. This device-independent approach enables easy migration of data from legacy devices within the pool. Over time, customers can upgrade the pool and retire or re-purpose equipment in the background without any application downtime.

#### The DataCore Ready Program Value Proposition

DataCore Ready identifies solutions trusted to strengthen SANsymphony-V- based infrastructures. While DataCore solutions interoperate with popular open and industry-standard products, the DataCore Ready designation ensures that these solutions have successfully executed a functional test plan and additional verification testing to meet a superior level of joint solution compatibility.

Customers who leverage DataCore Ready offerings benefit from quality assurance, reduced risk and lower integration costs. The DataCore Ready logo helps customers quickly identify products and solutions that are optimized for SANsymphony-V.

#### SOLUTION HIGHLIGHTS

- Non-disruptive data migration
- Seamless integration
- Apply advanced storage services to legacy storage devices

#### LENOVO STORAGE S3200 HIGHLIGHTS

- DataCore Ready certified
- Wide range of storage arrays from economy to high-performance
- Mix SFF 2.5" & LFF 3.5" drives within a configuration
- Up to 192 drives per system
- Works with VMware vSphere, Microsoft Hyper-V and other popular server operating systems and hypervisors

## Lenovo Storage S3200 designed for investment protection

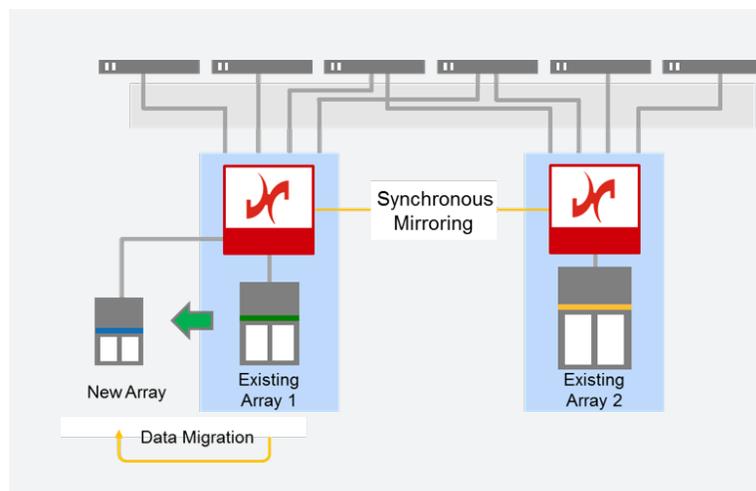
The modularity of the S3200 system design provides complete flexibility on the mixture of drive types within a chassis and also the mixture of SFF 2.5" 24 bay and LFF 3.5" 12 bay expansion chassis within a system. Furthermore, the modular architecture allows for data-in-place migration between different models within the range which means that RAID controller sets can be upgraded for more performance or new data management features, but retain backwards compatibility with data stored on existing expansion chassis.

## Migrate Data Across Disparate Storage Devices with Ease

Inevitably storage equipment ages or fails, and it must be replaced. DataCore simplifies the process of migrating data to new equipment without many of the difficulties, delays and stresses usually associated with these moves. Often the transition can take place during normal working hours without disrupting applications.

SANsymphony-V will automatically and non-disruptively move all the data from the old device to the new device. Once the move is complete, the older equipment can be detached and decommissioned. Alternatively, its capacity may be reclaimed and reassigned to a different storage tier for less critical needs. In some cases, the equipment is repurposed at a disaster recovery site as an added safeguard.

DataCore also offers a way to migrate data from storage devices that were not originally under its control. When properly staged, the transition only takes a few minutes of downtime; essentially the window needed to insert the SANsymphony-V nodes between the hosts and the existing array. From that point on, DataCore "passes through" read requests to the original equipment while copying its data to the new device in the background.



The storage virtualization software maintains smooth operations, consistent performance and a perpetual suite of advanced functions despite changes, disruptions and differences in the underlying equipment. In other words, the stable virtual infrastructure remains in place while hardware comes and goes.

## About Lenovo Storage Systems

Lenovo Storage is in a very unique position among the competition to offer customers a comprehensive list of products which are feature-rich, flexible, and optimized for business. Lenovo Storage offers a wide range of SAN, NAS, DAS, and Archive products. With this broad portfolio of offerings, Lenovo Storage is perfectly aligned to offer the product which meets our customers' needs.

## About DataCore Software

DataCore is a leader in Software-defined Storage. The company's storage virtualization and virtual SAN solutions empower organizations to seamlessly manage and scale their data storage architectures, delivering massive performance gains at a fraction of the cost of competing alternatives. For further information please visit [www.lenovo.com/storage](http://www.lenovo.com/storage).

Lenovo Storage	Performance & host interface	Typical Applications
Lenovo Storage S2200	Ultra low-cost 1GB iSCSI RAID	D2D Backup & archive, Disaster Recovery, SMB file share, Virtual tape
Lenovo Storage S3200	Performance 8GB FC, 6GB SAS, 10GB iSCSI RAID	High workload VM environments, Microsoft Exchange, OLTP systems, web & media streaming
Lenovo Storage S3200	Ultra high performance 16GB FC, 12GB SAS RAID	HPC, academic research, media & entertainment

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For additional information, please visit [www.datacore.com](http://www.datacore.com) or email [info@datacore.com](mailto:info@datacore.com)

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