

IBM System Storage N series Consolidation for Windows Environments



IBM System Storage N Series

The challenge: Reducing IT infrastructure complexity

The dramatic growth of Windows data has led to a proliferation of Windows file servers that can number in the hundreds or even thousands, each with its own directly attached storage. The consequences of such complex infrastructures can include very high overhead costs, poorly utilized server and storage assets, difficult and time-consuming backup and restore processes, and reduced system availability.

If you face the same challenges as most organizations, you need to deliver more IT services to address business demands without increasing overhead. Solving that problem requires an approach that allows you to simplify your IT infrastructure as well as improve its performance.

Highlights

- *Consolidate data from multiple Windows® servers or desktops onto IBM System Storage™ N series to help simplify infrastructure, improve storage asset utilization, and increase productivity*
- *Designed to help you achieve fast response times and high throughput*
- *Supports Fibre Channel as well as IP storage networking*
- *Help accelerate enterprise data sharing by storing and serving data on a reliable, easily managed, pooled storage resource*

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ibm.com to locate an IBM reseller or for more information.

The solution: IBM System Storage

N series

IBM offers a comprehensive hardware, software, and services solution for Windows environments that is designed to help you consolidate data from multiple servers or desktop machines onto IBM System Storage N series systems. This solution supports your efforts to reduce costs by offering an easy-to-manage pooled storage environment which can help you avoid the complexities of Windows server/direct attached storage environments. Pooling storage on N series can help you improve data access. In addition to offering a solution for Windows data, N series is also designed to enable users to share data throughout the enterprise on UNIX® or Linux® computing platforms utilizing NAS or SAN or iSCSI storage networking approaches.

The IBM N series family of economical and robust network-attached storage is designed for small and medium-sized companies, as well as departments or branch locations of large enterprises. This new solution portfolio includes IBM System Storage N series appliances and near-line storage along with over 30 robust software solutions.

The N series software portfolio is intended to extend the advantages of the N series architecture to data protection and management, helping to simplify storage management and increase the productivity of your people. Robust standard features include Snapshot™, which is designed to provide frequent, near-instantaneous, non-disruptive backups, mirroring, and restores—while avoiding performance degradation.

Additional software options are available to address specific requirements and include:

SnapDrive® software—offering a rich set of capabilities to help virtualize and enhance storage management for Windows and UNIX environments.

SnapLock® technology—to help you address government and industry retention regulations by supporting non-erasable and non-rewritable data protection.

SnapMirror®—designed to provide remote mirroring in synchronous, asynchronous and semi-synchronous modes of operation.

Help optimize your storage environment

Simplified, centralized data access provided by N series can help your IT staff to accomplish more in less time—and focus more on tasks that increase the productivity of your people. The system is designed for performance, scalability and ease of use, as well as to avoid disruption to applications and end users. These benefits can help you achieve a rapid return on investment and low total cost of ownership.

In addition, IBM works closely with IBM Business Partners and other leading technology companies to deliver the right N series solutions for your business. Our services include comprehensive assistance, planning and design as well as implementation and data migration support services. With the availability of IBM financing, the N series offers many Windows environments a superior, more cost-effective approach to address data storage requirements.

For more information

Contact your IBM representative or
IBM Business Partner or visit:

ibm.com/storage/nas



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MB, GB and TB equal 1,000,000, 1,000,000,000 and 1,000,000,000,000 bytes, respectively, where referring to storage capacity. Actual storage capacity will vary based upon many factors and may be less than stated.

Some numbers given for storage capacities give capacity in native mode followed by capacity using data compression technology.

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