

IBM Storwize V3700: Ideal for Microsoft environments

Efficient, high-performing and affordable storage for small and medium businesses



Highlights

- Optimize storage efficiency for Microsoft environments by leveraging a rich set of advanced features including virtualization and thin provisioning
 - Deliver essential data protection with built-in IBM FlashCopy technology
 - Simplify management and improve administration with an intuitive, easy-to-use interface
 - Reduce complexity and address day-to-day challenges with cost-effective storage solutions for backup and recovery, email and databases
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In the era of Smarter Computing, data is being accumulated at faster rates and in greater volumes, but storing this data can be difficult and costly to manage especially for small and midsize businesses. The IBM® Storwize® family of disk systems can help companies of all sizes with Microsoft IT environments create or enhance an infrastructure that will easily scale and adapt to changing business requirements.

Raising the bar with IBM Storwize V3700

Based on the innovative architecture of Storwize V7000, the Storwize V3700 system is a powerful, affordable and efficient storage system designed to address growing data requirements and consolidation needs. Storwize V3700 raises the standard for entry-level disk systems by incorporating a rich set of features to help deploy, manage and administer IT environments. It can ultimately help address the storage challenges related to the ongoing information explosion. With its ease of use and built-in efficiency capabilities, the high performing Storwize V3700 is a smarter solution for small and medium businesses (SMBs) with Microsoft environments.

Solutions for key Microsoft technologies

Working together with Microsoft, independent software vendors and customers, IBM has identified key Microsoft technology areas that have synergy with storage solutions, IBM System x® and IBM Tivoli® products and can help improve Microsoft IT environments. Storwize V3700 offers support for Microsoft applications and platforms including Microsoft Windows Server, Microsoft Hyper-V, Microsoft Exchange Server, Microsoft SQL Server and Microsoft SharePoint. To increase flexibility, reduce implementation risk and deliver a more robust information infrastructure, the solution areas focus on backup and recovery, high availability, data protection, virtualization, archiving and more.

Efficient by design

The built-in efficiency features of Storwize V3700 including virtualization, thin provisioning and dynamic migration can deliver significant benefits for Microsoft environments and mixed workloads. Storage virtualization complements server virtualization and can help simplify your IT environment while lowering your total cost of ownership by consolidating storage resources. Thin provisioning leverages virtualization



technology, enabling applications to consume only the space they are actually using, not the total space that has been allocated to them. Higher utilization can be realized by reducing the need to install physical disk capacity that would otherwise be unused. Dynamic migration is also included with Storwize V3700 and enables non-disruptive data movement to the system for consolidation efforts or when upgrading to new technology.

Essential data protection

IBM FlashCopy®, an essential technology included in Storwize V3700, enables high performing, application-aware snapshots that can deliver near instantaneous point-in-time protection. The FlashCopy service can be used to help you recover from situations where data has been lost because of application or user error. For example, FlashCopy can be used to take a snapshot of critical data at regular intervals before beginning any maintenance activity to protect against possible accidental deletion. The incremental FlashCopy feature also provides value by reducing the amount of time to complete the copy operation after the initial snapshot has completed. The FlashCopy feature can be ideal when executing nightly backups of a Microsoft database, ensuring high application availability during the backup process.

Simplicity built in

Businesses of all sizes, and especially SMBs, are looking to reduce complexity and Storwize V3700 has been designed for exceptional ease of use. The system offers a number of configuration options along with automated wizards to speed and simplify the implementation process. The initial system setup typically only takes minutes and volumes can be provisioned with only a few clicks. Storwize V3700 uses a groundbreaking, powerful graphical user interface which simplifies deployment and ongoing storage management. This intuitive interface is easy-to-use and can help organizations improve storage performance, efficiency and utilization rates while increasing administrator productivity.

The IBM-Microsoft Relationship

IBM has an enduring partnership with Microsoft, with a collaboration that spans more than 25 years. As a long-time Certified Gold Partner, IBM works closely with Microsoft to deliver proven solutions that meet customer needs. Together Microsoft and IBM have committed considerable resources and established a number of value-add programs to focus on testing, validation and interoperability—all for the purpose of accelerating and maximizing value to clients. Continued strong investment and active involvement in joint development initiatives and partner programs ensures that IBM solutions like Storwize V3700 are supportable and designed with optimal performance and functionality in mind.

For more information

To learn more about the IBM Storwize V3700 storage system, please contact your IBM representative or IBM Business Partner, or visit: ibm.com/systems/storage/disk/storwize_v3700

For a list of high quality solutions with our partner independent software vendors (ISVs), including access to solution briefs and white papers, visit: ibm.com/systems/storage/solutions/isv



IBM Storwize V3700 disk system is designed to address the block storage requirements of small and midsize businesses while providing innovative management, storage efficiency and data protection capabilities at an affordable cost – making it ideal for Microsoft environments



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Produced in the United States of America
November 2012

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