



## IBM Tivoli Storage Manager FastBack for Microsoft Exchange

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### Highlights

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- **Help minimize business risk with the ability to recover Microsoft® Exchange data objects from virtually any Microsoft Exchange database—even corrupt databases**
- **Help optimize Microsoft Exchange recovery by applying it at a granular level to any individual data object or group of objects, such as individual e-mail messages or calendar entries**
- **Can increase operational efficiency and user productivity by helping reduce recovery time from hours or days to minutes**
- **Can improve service levels by helping to minimize the downtime associated with data recovery**

### **Help optimize Microsoft Exchange recovery at the core of your business**

Even with the best data protection and business continuance plans, using traditional backup technologies such as backing up to tape can present daunting challenges when trying to protect and restore data objects from mission-critical applications such as Microsoft Exchange.

Any downtime for these applications can be a major problem for organizations with 24x7 operations, or for those that have very large Exchange databases (EDBs). In addition, recovering data can require hours of sorting through backup tapes, loading them in the correct order, finding the data you

need and copying it over. The time and skill involved can make it extremely impractical and costly to recover individual data objects such as e-mail messages.

IBM Tivoli® Storage Manager FastBack™ for Microsoft Exchange is a next-generation data recovery solution that helps address this problem. Tivoli Storage Manager FastBack for Microsoft Exchange provides users and administrators with the ability to recover any Microsoft Exchange data object quickly and easily, including:

- *E-mail messages and/or attachments.*
- *Folders.*
- *Contact lists.*
- *Calendars.*
- *Tasks.*
- *Journal entries.*
- *Entire EDBs.*

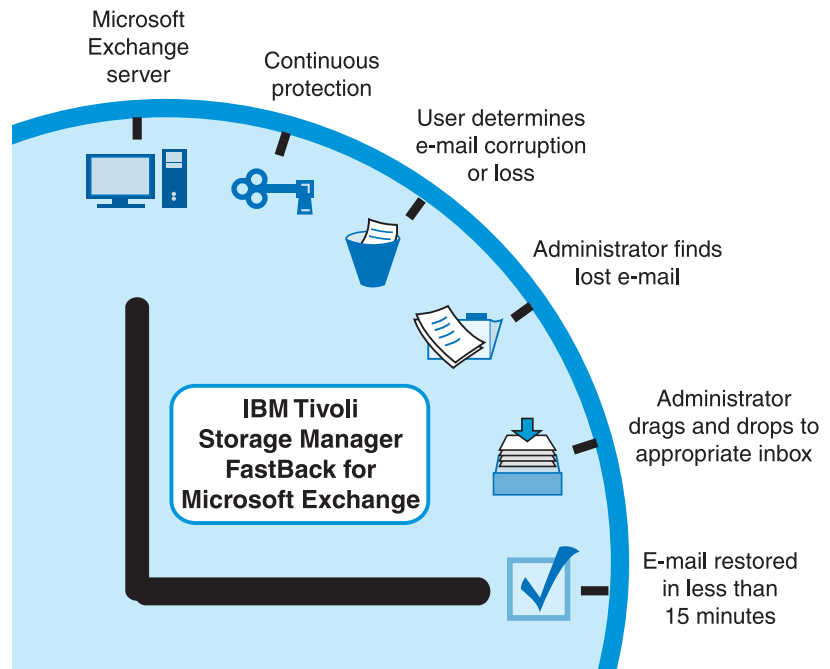
## Item-level recovery of Microsoft

### Exchange data

Tivoli Storage Manager FastBack for Microsoft Exchange works in conjunction with IBM Tivoli Storage Manager FastBack or IBM Tivoli Storage Manager for Mail, either of which can provide a file system-level, point-in-time view of a Microsoft Exchange database backup. Tivoli Storage Manager FastBack for Microsoft Exchange can then recover individual e-mail messages and other objects from the backup database. It can even retrieve good items from a corrupt database.

Microsoft Exchange objects can be recovered from any previous point in time, enabling fast recovery from virus attacks and rolling corruptions. Objects can then be restored directly to an Exchange Server or sent via SMTP to a user-defined destination.

For more secure operations and access, Tivoli Storage Manager FastBack for Microsoft Exchange integrates with Active Directory and Exchange Server security to help limit access to only authorized users at both the backup and restore systems.



IBM Tivoli Storage Manager FastBack for Microsoft Exchange makes it possible to recover lost e-mail messages or other data objects within minutes.

### Perform a variety of granular recovery activities

Organizations can leverage Tivoli Storage Manager FastBack for Microsoft Exchange to perform a variety of granular recovery activities, including:

- *Recovering deleted e-mail messages where previously it made little sense to even try.*
- *Recovering address books in the event of loss due to synchronization errors.*
- *Opening corrupt EDBs and restoring messages, even after trying and failing to recover them by other means.*

### Reduce business risk by raising service levels

Every minute that systems are offline can mean reduced productivity, danger to data integrity and loss of user and customer confidence. Tivoli Storage Manager FastBack for Microsoft Exchange is a powerful, indispensable tool that can help reduce these business risks. It can significantly improve the efficiency of Exchange administrators, enabling them to raise service levels to users by helping minimize downtime and delivering object restores in minutes rather than in hours, days or not at all.

### **Dramatically reduce backup and recovery times**

Companies from a wide variety of industries have used Tivoli Storage Manager FastBack for Microsoft Exchange to provide a reliable and cost-efficient way to backup Exchange data in remote offices, helping eliminate the need for cumbersome tape backups. By implementing Tivoli Storage Manager FastBack with Tivoli Storage Manager FastBack for Microsoft Exchange, organizations can improve backup and recovery performance, and can make dramatic improvements for Exchange-related support tasks:

- *Can reduce e-mail server backup times from hours or days to a few minutes.*
- *Can reduce e-mail volume restoration times from hours or days to a few minutes.*
- *Can increase e-mail server backup frequencies from once per week to multiple times per day, without disrupting operations.*
- *Enable rapid recovery of granular Exchange objects that are typically too difficult—if not impossible—to recover, including individual e-mail messages, calendars, contacts and tasks.*

### **For more information**

Tivoli Storage Manager FastBack for Microsoft Exchange is part of the IBM Tivoli Storage Manager family of products. Tivoli Storage Manager FastBack for Microsoft Exchange is offered as an optional module for Tivoli Storage Manager FastBack or Tivoli Storage Manager for Mail. To learn more about how Tivoli Storage Manager FastBack for Microsoft Exchange can help you more quickly and easily recover your Microsoft Exchange data, contact your IBM sales representative or IBM Business Partner, or visit [ibm.com/tivoli](http://ibm.com/tivoli)

### **About Tivoli software from IBM**

Tivoli software offers a service management platform for organizations to deliver quality service by providing visibility, control and automation—visibility

to see and understand the workings of their business; control to effectively manage their business, help minimize risk and protect their brand; and automation to help optimize their business, reduce the cost of operations and deliver new services more rapidly. Unlike IT-centric service management, Tivoli software delivers a common foundation for managing, integrating and aligning both business and technology requirements. Tivoli software is designed to quickly address an organization's most pressing service management needs and help proactively respond to changing business demands. The Tivoli portfolio is backed by world-class IBM Services, IBM Support and an active ecosystem of IBM Business Partners. Tivoli clients and Business Partners can also leverage each other's best practices by participating in independently run IBM Tivoli User Groups around the world—visit [www.tivoli-ug.org](http://www.tivoli-ug.org)



## IBM Tivoli Storage Manager FastBack for Microsoft Exchange at a glance

### Software and operating system requirements:

- IBM Tivoli Storage Manager FastBack or IBM Tivoli Storage Manager for Mail
- Microsoft Windows 2000 Standard Server (SP3 or later), Microsoft Windows 2003 Enterprise Server (SP1 or later), Microsoft Windows XP Pro (SP1 or later)
- Microsoft Exchange 2000, 2003, 2007

### Hardware requirements:

- Intel® Pentium® processor 1GHz or higher (2GHz or higher recommended)
- 1 GB RAM (2 GB RAM recommended)
- Disk space: At least 300 MB free hard disk space
- LAN Connectivity: 1 NIC, 100 Mbps (1 Gbps recommended)
- Repository: Any IDE, SCSI, iSCSI or Fibre Channel disk, 3x the capacity of primary storage (5x recommended)

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July 2008  
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