

IBM Tivoli Storage Manager FastBack for Workstations



Continuous data protection for desktops and laptops running Microsoft Windows

Highlights

- Provide continuous data protection that operates in the background, requiring no user intervention
 - Gain near-instant recovery with little or no impact to users
 - Protect files in near real time
 - Scale to manage thousands of workstations from a central administration console
 - Simplify installation and configure in just minutes
 - Enable local and remote recovery
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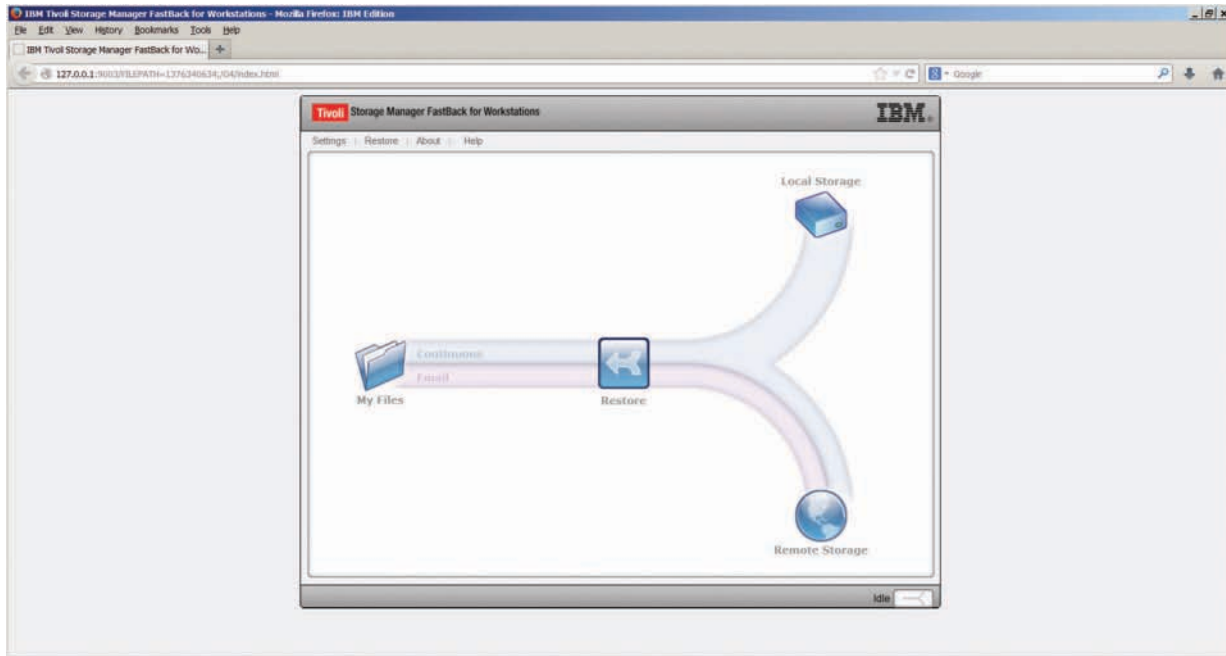
Organizations of all sizes keep critical business information on desktop workstations and laptops—information that would be expensive to lose or impossible to replace. Unlike other business risks, there is no insurance policy that can replace lost data. And losing key business information can create legal liabilities, impact customer relationships, delay projects and divert resources.

On today's smarter planet, where instrumented, interconnected and intelligent businesses collect, process, use and store more information than ever before, it is even more critical to protect this data from accidental deletion, computer viruses, equipment failure, cyber crime and other risks. Better recovery capabilities are also a must, since sometimes the most valuable files are those currently in use. The ability to roll back to a previous point in time is essential to recovering active workstations.

Although most organizations have implemented advanced solutions to protect enterprise data, desktop and laptop workstations are often under-protected—even though they can hold more than half of corporate data, according to some industry experts.

IBM® Tivoli® Storage Manager FastBack® for Workstations v7.1, an easy-to-use, centrally-managed data protection solution, removes the responsibility of performing backups from desktop and laptop users. It automates continuous data protection and enables users to quickly and intuitively restore files on their own. This solution can help organizations mitigate the risk of losing data on the edges of extended enterprises, while reducing the strain on IT staff.





Tivoli Storage Manager FastBack for Workstations includes a simple and intuitive graphical user interface to provide configuration and management control for local and remote storage.

Protect key corporate information

Continuous data protection is critical for today's file backups, and that's where the latest version of Tivoli Storage Manager FastBack for Workstations comes in. This near real-time,

continuous data protection solution is specifically designed for desktop and laptop computers. Instead of waiting for a scheduled interval, it backs up your most important files the moment they are saved, in near real time. What's more, it does this effortlessly and transparently, helping to eliminate backup windows.

With this solution, users can specify two target backup/replication areas for high-priority files: a local disk, plus a file server or network-attached storage (NAS) appliance, an IBM Tivoli Storage Manager server, or a Web-based Distributed Authoring and Versioning (WebDAV)-enabled server. These areas can capture file changes when they occur to help protect against corruption, file loss, system loss or accidental deletion.

Tivoli Storage Manager FastBack for Workstations copies versions of files to local, user-allocated, self-managed disk space, automatically deleting old versions to make room for new ones. In addition, it enables users to specify a remote file server or Tivoli Storage Manager for off-machine replication, which works transparently whenever a user is connected. Tivoli Storage Manager provides offsite copies of backup data for archive vaulting, auditable disaster recovery and media management.

Help minimize recovery times and maximize the granularity of recoverable data

Tivoli Storage Manager FastBack for Workstations is designed to help optimize recovery times for employee workstations. Typically these systems aren't backed up at all, and if they are, it is usually very infrequently. The degree of difference between recoverable data and the latest version of a file can be significant if many changes are made between backups. This degree of difference is known as the *recovery point objective* (RPO).

Tivoli Storage Manager FastBack for Workstations addresses this problem by automatically replicating every new or changed file as it is written to disk. Multiple point-in-time versions of each file can be stored locally, depending on how much disk space is allocated. Users can easily restore the version(s) of the file they need, helping to minimize recovery times.

Fit into any sized environment without burdening administrators

Tivoli Storage Manager FastBack for Workstations can help small businesses, remote offices or large enterprises manage up to thousands of workstations. It is ideal for professionals who work with critical files that need continuous protection, and it not only helps minimize data loss, but can also help drive productivity.

In addition, this solution is easy to configure and deploy from a central administration console, and can be silently deployed via deployment software such as Microsoft Systems Management Server (SMS). Updated versions of Tivoli Storage Manager FastBack for Workstations or centralized configurations and policies can also be automatically updated from a central location.

This centralized management capability enables users to:

- Automatically discover Tivoli Storage Manager FastBack for Workstation clients
- View client information such as: deployment (operating system version, FastBack version, etc.); amount of storage a client is using; client activity; current client configurations; the client's storage target; log files; and alerts
- Take client actions including: initiating an incremental backup; pushing a client configuration; editing client configurations; locking client configuration so it cannot be changed; deploying updates; and configuring email alerts for administrators based on your own criteria

Simplify unified recovery management

Tivoli Storage Manager FastBack for Workstations is an integral component of the IBM vision of unified recovery management—a suite of integrated products that can protect, retain, recover and relocate data files across entire extended organizations.

Tivoli Storage Manager FastBack for Workstations can automatically send copies of new and changed files from thousands of personal computers to either a designated Tivoli Storage Manager server, or to a file server that is protected by IBM Tivoli Storage Manager FastBack. Either way, you can now integrate backups of your distributed end-user systems into your core data management processes.

In summary, Tivoli Storage Manager FastBack for Workstations can help:

- Easily manage the continuous protection of up to thousands of desktop and laptop computers
- Optimize backup resource utilization by reducing or eliminating backup times

- Optimize productivity by providing improved RPO—so when a failure occurs, recovery can restore the latest version—and by reducing the costs associated with data loss
- Improve recovery time objective (RTO) by enabling fast recovery from either local or remote disk
- Improve IT staff productivity through central administration, and by allowing end users to easily recover data without IT involvement

Why IBM?

IBM solutions are designed to deliver a simplified user experience and leverage applied analytics to enable global data availability. Tivoli Storage Manager FastBack for Workstations is just one example of how IBM offerings are more open, intelligent and consumable. Built on a solid foundation of trusted technology, IBM solutions are backed by more than 20 years of data protection experience with more than 20,000 valued clients.

IBM Tivoli Storage Manager FastBack for Workstations v7.1* at a glance

Licensing options:

- Starter Edition—All software needed to protect one workstation; central administration console not included; forum support only
- 25-pack of client device licenses—Includes separately installed central administration console

System requirements:

Tivoli Storage Manager FastBack for Workstations base product

Hardware requirements

Intel Pentium III processor with:

- 1.66 GHz CPU or higher
- 1 GB RAM or higher
- 100 MB free disk space (plus user-configured amount of additional space for local file repository)

Software requirements

Operating system support:[†]

- Microsoft Windows 7 Starter Edition (x86, 32-bit)
- Microsoft Windows 7 Home Premium (x86, 32- and 64-bit)
- Microsoft Windows 7 Professional (x86, 32- and 64-bit)
- Microsoft Windows 7 Ultimate (x86, 32- and 64-bit)
- Microsoft Windows 7 Ultimate with USGCB (x86, 32- and 64-bit)
- Microsoft Windows 7 Enterprise (x86, 32- and 64-bit)
- Microsoft Windows 8 (x86, 32- and 64-bit)
- Microsoft Windows Server 2008 R2 SP1 (x86, 64-bit)
- Microsoft Windows Server 2012 (x86, 64-bit)

Central administration console:

Hardware requirements

Intel-based processor with:

- 3 GHz dual-core CPU
- 8 GB RAM
- 50 GB free disk space

Software requirements

Operating system support:[†]

- Microsoft Windows Server 2008 Standard SP1 (x86, 32- and 64-bit)
- Microsoft Windows Server 2008 Enterprise SP1 (x86, 32- and 64-bit)
- Microsoft Windows Server 2008 Standard R2 (x86, 64-bit)
- Microsoft Windows Server 2008 Enterprise R2 (x86, 64-bit)

Browser support:

Tivoli Storage Manager FastBack for Workstations client graphical user interface (GUI):

- Microsoft Internet Explorer v7 – v9
- Mozilla Firefox, v3.5.3 – v22
- Google Chrome v22

Central administration console:

- Microsoft Internet Explorer v7 – v9
 - Mozilla Firefox v3.5.3, v3.6, and v10 ERS
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For more information

To learn more about how IBM Tivoli Storage Manager FastBack for Workstations can help you protect critical corporate data, contact your IBM representative or IBM Business Partner, or visit: ibm.com/software/tivoli/products/storage-manager-fastback-for-workstations

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Route 100
Somers, NY 10589

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* IBM Tivoli Storage Manager FastBack for Workstations v7.1 is a replacement offering for IBM Tivoli Continuous Data Protection for Files Starter Edition and 25-client device license pack.

† The minimum hardware configuration for Microsoft Windows workstations must be compatible with that stated by Microsoft for the respective operating systems.



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