

IBM Tivoli Storage Manager

Centralised, automated data protection

IBM Tivoli Storage Manager (TSM) is a suite of products that delivers a broad range of storage management capabilities. These include backup, archive, recovery, space management, database and application protection, ERP, bare machine recovery and disaster recovery planning.

Tivoli Storage Manager also includes functions to help protect your data which requires constant availability, as well as options for high-efficiency backup of key business applications, with virtually no backup-related performance impact.

The 24x7 availability of mission-critical data and applications is no longer a goal for today's businesses – it's a necessity. TSM is designed to reduce the risks associated with data loss while helping to manage costs, reduce complexity and address compliance with regulatory data retention requirements.

As an Advanced IBM Business Partner, our sales and technical staff have had significant access to education and further development of their Tivoli knowledge and skills. Our strong partnership with IBM and relationship with the Tivoli Solution Specialists makes us a perfect candidate for your storage provider.

Whether your environment scales from 5 or 5000 servers, the Tivoli Storage Manager suite has a tool to suit all businesses.



"IBM Tivoli Storage Manager is an invaluable solution for industries facing significant data retention regulations, or requiring 24x7 data availability."



TSM at a glance

Features	Advantages	Benefits
Backup and Recovery Management	Intelligent backups and restores utilising a revolutionary progressive incremental backup and restore strategy, where only new and used files are backed up	Centralised protection based on smart-move and smart-store technology, leading to faster backups and restores with less network and storage resources needed
Hierarchical Storage Management	Policy-based management of file backup and archiving	Ability to automate critical processes relating to the media on which data is stored while reducing storage media and administrative costs associated with managing data
Archive Management	Managed archives	Ability to easily protect and manage documents that need to be kept for a certain period of time

“In today’s economic climate, integrating the IT infrastructure has become a business necessity. Tivoli software helps you realise your maximum business value by enabling you to integrate, manage, and secure your e-business infrastructures and processes end-to-end.”

Highlights

- Enables you to protect your organisation’s data from failures and other errors by offline storage of your backup, archive, space management and bare-metal restore data, as well as compliance and disaster recovery data
- Helps to protect computers running a variety of different operating systems, connected through the Internet, wide area networks (WANs), local area networks (LANs) or storage area networks (SANs)
- Uses Web-based management, intelligent data move-and-store techniques and comprehensive policy-based automation working together to help increase data protection and decrease time and administration costs
- Operates on a progressive incremental methodology that backs up only new or changed versions of files, thereby greatly reducing data redundancy, network bandwidth and storage pool consumption
- Works in conjunction with storage hardware to exploit other data-reduction techniques such as subfile backup, client compression and device compression, meaning you back up less data and save time, space and money
- Supports AIX, HP Unix, Linux, Sun Solaris and Windows operating systems

A competitive solution

- Only TSM uses progressive-incremental backup to save network, server and storage resources and also ensure fast restores
- Only TSM offers policy-based management down to individual file level - ensuring optimum use of storage resources and the fastest restores
- Only TSM can automatically migrate data from one storage pool to another
- Only TSM is capable of ‘point in time’ checkpoint restarts for both backup and recovery in the event of data corruption
- Only TSM’s disaster recovery (DR) management functions can automatically generate and maintain an auditable written Disaster Recovery Plan
- Only TSM supports OS/400, VM and OS/390 - enabling customers to exploit mainframe media management infrastructure
- Only TSM provides application protection and online backup for WebSphere Application Server environments

For more details on DR please see the RDA Business Continuity and Disaster Recovery information sheet.



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