Many-to-many replication for IBM ProtecTIER solutions

Replication and deduplication combine to strengthen data protection in multiple data center environments

Highlights

- High-speed, bandwidth-efficient replication of backup data between multiple locations

- Complete data protection—not just mission-critical data

- Quick data recovery from high-speed disk enables applications to be brought back online faster, improving business continuity

- Enhanced protection of data stored in multiple data center locations

- Electronic transmission of backup data between multiple locations

IBM® ProtecTIER® offers advanced native replication technology to automate the electronic replication of backup data between multiple data center locations for enhanced disaster recovery and business continuity. By eliminating the need to physically transport actual tape cartridges, data can be recovered faster and more reliably, enabling systems to get back online more quickly in the event of a disaster or major system outage. It also lowers the total cost of ownership for backup and recovery by eliminating the costs associated with moving and storing physical tape cartridges.
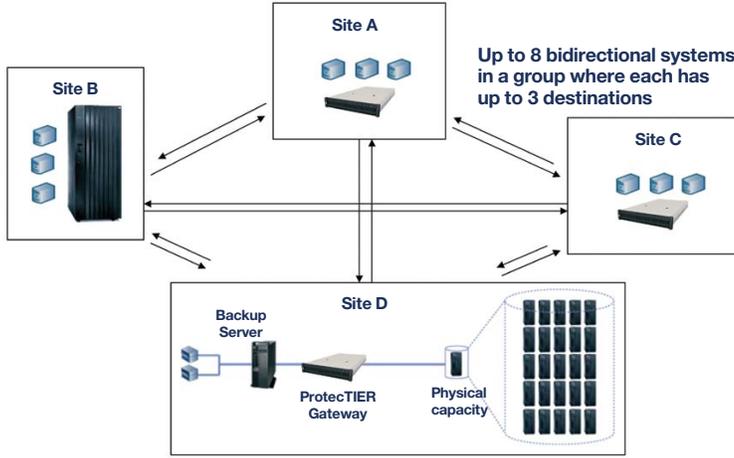
Bandwidth remains the most-expensive component in most distributed IT environments. The patented deduplication technology offered by ProtecTIER dramatically reduces the amount of bandwidth required by transmitting only new, unique data to the remote location. This radically reduces the costs associated with electronically transmitting data and extends the benefits of replication to a larger portion of applications and data.

The cornerstone of any recovery plan is ensuring that all data has been protected and can be recovered when needed. ProtecTIER helps IT organizations prepare for a disaster by providing a safe, simple and affordable means of electronically transmitting backup data between multiple data locations.

ProtecTIER Many-to-Many Native Replication Grid

Site A

Up to 8 bidirectional systems in a group where each has up to 3 destinations

Site B

Site C

Site D

Backup Server

ProtecTIER Gateway

Physical capacity

Supports any combination of Gateways, Appliances, single or two-node clusters

For more information

To learn more about IBM ProtecTIER deduplication solutions with many-to-many replication capabilities, please contact your IBM marketing representative or IBM Business Partner, or visit: **ibm.com**/systems/storage/solutions/deduplication

Additionally, IBM Global Financing can help you acquire the IT solutions that your business needs in the most cost-effective and strategic way possible. For credit-qualified clients we can customize an IT financing solution to suit your business requirements, enable effective cash management, and improve your total cost of ownership. IBM Global Financing is your smartest choice to fund critical IT investments and propel your business forward. For more information, visit: **ibm.com**/financing

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