DATANATIONAL

IT Solutions for Business
Your leading provider for Enterprise Software Solutions

IBM.
Silver
Business Partner

Carbonite Server Backup for System i

Eliminate Daily Tape Management

| Servers on Client Site | Data Transfer Process
Deduplication, Compression and Encryption | Datanational Vault | WAN | Off Site Backup |
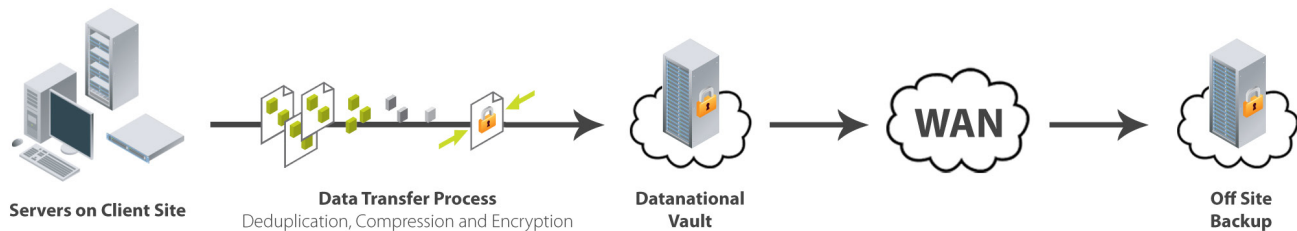
Secure disk-to-disk data backup and restore

Carbonite Server data backup software securely and efficiently backs up virtual and physical systems, either onsite or via remote backup, and seamlessly extends your IT infrastructure into the cloud. It backs up dynamically, so there is no need to restore from multiple incremental backups. This solution allows for an easy restoration across multiple operating systems and platforms and, using various Plug-ins, back up and recover critical data within individual databases, mailboxes, and cluster nodes.

Agents - Software installed on each protected system communicates with the target server (vault) and initiates ongoing, delta (blocklevel change) processing of backup data.

Data Transfer - Carbonite deduplicates, compresses, and encrypts your data from end to end. The result? Much shorter backup windows, a dramatically reduced storage footprint, and ensured privacy.

Vault - Housed at your site or in the Carbonite cloud, authenticates and accepts data received from the Agent(s) and then stores and manages the backup data in separate storage pools.

Replication - Replicate backup data to a separate site or to the Carbonite cloud.

Carbonite Server features:
  • End-to-end data security
  • Centralized, web-based management
  • Offsite protection and replication
  • Broad platform support
  • Real-Time protection
  • Additional plug-in options

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The Tape Backup Process	Tape Limitations	The Disk Advantage
Back up data to tapes	• Slower performance • Legacy technology	• Fast, efficient backup • Local or remote
Extract tapes, transport to remote location	• Manual process • Data unencrypted • Tapes may be lost or stolen in transit	• Automated process • LAN/WAN optimized • Deduplicated, encrypted, compressed
Store tapes in warehouse	• Subject to theft, loss, natural disaster	• Store in electronic vault • Replicate in multiple locations
Retrieve tapes	• Time delay in retrieving from remote site • Identify proper tapes	• Instant, anytime, anywhere access
Recover data	• Unreliable recoveries • Physical shipment only Lost/ damaged? No recourse	• Instant, anytime, anywhere access

CARBONITE™