Features, Descriptions & Benefits

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Computer Associates™

BrightStor® ARCserve® Backup v9 for Linux

BrightStor® ARCserve® Backup v9 for Linux delivers reliable recovery and backup for distributed environments. Centered on Linux backup servers, this easy-to-use solution protects your Linux, Microsoft Windows, Netware and UNIX servers and clients. BrightStor ARCserve Backup v9 for Linux includes built-in support for one-drive tape libraries while it maximizes performance and scalability via innovative technology, such as Tape Library, Image, Disaster Recovery, SAN, Serverless backup, NAS (NDMP), Cross-Platform Management and Tape RAID options. Further, 24x7 accessibility through optional "hot" protection agents for MySQL, Oracle and Apache Web Server is available.

Feature	Description	Benefit
Ease of Use		
NEW! Simplified Installation process	Simplifies and automates installation steps, including the ability to select multiple agents and options at one time	Lowers total cost of ownership
NEW! Streamlined Licensing and Registration	Automatically initiates an enhanced licensing program during the install process	Simplifies and quickens the licensing process
NEW! Tape Copy Java GUI	Provides the same functions as the "tapecopy" command through a GUI for improved usability	Simplifies tape copy operations for inexperienced users
NEW! Enhanced Web-Browser Based Java GUI	Manages and monitors multiple BrightStor ARCserve Backup servers and associated devices from a centralized, web-style management console	Simplifies backup management by enabling remote management
Calendar-Based Scheduling	Offers an advanced, calendar-based interface for backup, restore and device management	Customizes backup strategies throughout the enterprise with a click of the mouse
Intelligent Alert Notification	Offers several notification methods, including pager, Microsoft Exchange Server, print queue, Trouble-Ticket, SNMP traps, event log and network broadcast	Enables timely problem correction and the continuation of essential jobs
Context-Sensitive Online Error Message Help	Clicking on a "Warning" or "Error Message" in the activity log takes the user to more detailed information	Provides immediate information on the warning or error conditions, its causes, and possible actions.
Multiple Backup Choices	Provides full, incremental and differential backup methods	Balances media usage, backup windows and administrative time against the level of data protection

Feature	Description	Benefit
Ease of Use		
Full and Incremental Backup and Restore	Allows users to backup and restore selected tablespaces, data files, log files and control files	Provides the flexibility when backing up and restoring databases
Advanced Tool Tips Help	Provides mouse-over help information with single-click access to more detailed help information	Delivers immediate access to context-sensitive help information
Scalability		
NEW! Linux Kernel 2.4 Support	Provides support for large enterprise Linux servers	Increases performance and helps ensure data availability in even the largest Linux environments
NEW! Backup to Disk Scalability	Enables backup to another disk volume to leverage the variable performance and random access characteristics of disk technology as an intermediate step between primary disk and off- line storage	Alleviates the need for multiple tape drives, minimizes restore times and eliminates resource constraints
NEW! Command Line Interface	Runs common functions directly from the command line	Allows the inclusion of backup/restore functions within batch files and other automation solutions, such as Unicenter®
NEW! Small Library Support	Supports a tape library with one drive and unlimited slots without the need for the tape library option	Reduces the cost of small library integration
Extensive Reporting	Provides data to the administrator within pre-defined reports, including: Job Report, Session Report, Session Detail Report, GFS Media Prediction Report, Tape Media Report, Device Report and a report tool	Helps administrators and IT managers make decisions and review data protection schemes
Automatic Tape Drive Configuration	Identifies SCSI tape drives at the device level and automatically sets configuration parameters.	Reduces the time and errors associated with manual tape drive configuration
Remote Management	Offers management from any Windows Server or Workstation	Enables remote administration
TAR and CPIO Support	Supports Quick File Access (QFA) so users can restore files created under the tar and cpio formats.	UNIX tar and cpio commands may be utilized to recover data from ARCserve tapes.

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Scalability		
Remote and Local Backup and Restore	Protects data on local and remote servers	Enables large-scale implementation and the centralization of expensive backup technologies
Parallel Streaming	Backs up and restores data simultaneously to or from up to 32 devices	Reduces backup windows by including more hardware
Intelligent Data Compression	Provides end-to-end remote client to server data compression and local server data compression if hardware compression is disabled	Increases usable device capacity and reduces network traffic to improve backup and restore performance
Server Prioritization	Provides the ability to rank the order in which data is backed up	Identifies business-critical servers and prioritizes accordingly
Media Spanning	When data exceeds the capacity of the media, the job can be continued on subsequent media placed in the device	Ensures maximum media efficiency without complexity
Media Pooling	Defines tape pools by category or department and creates tape sets with user-determined retention dates	Improves the utilization, management and rotation of tape collections
Media Tracking	Assigns permanent serial numbers for the life of the tape	Automates the tape naming process and alleviates the need to rename tapes daily
Full Support for Oracle Recovery Manager (RMAN) Scripts	Fully supports the Oracle RMAN and extends protection to RMAN scripts	Helps ensure the complete integrity of data, transactions and the Oracle environment
Reliability		
NEW! Multiple NIC Support	Provides the ability to use multiple network cards in the server and client machines to configure a dedicated backup network	Allows separate business network traffic and data protection network traffic
NEW! Automatic Virus Signature Download	Using a Java GUI, users can easily configure the download schedule for the virus signature	Improves virus protection
NEW! Backup Agent for Apache Web Server	Enables scheduled backups of the Apache web servers when they active and in use.	Reduces the backup window and supports 24x7 operations by performing backups while servers are online

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Reliability		
NEW! Backup Agent for MySQL Database	Enhances the native backup capabilities of the database to provide scheduled backup of the full or partial databases	Provides a database object view rather than a view of lower-level files and volumes
Backup agent for Oracle	Offers 24x7 "hot" backup and restore of individual tablespaces and/or the complete Oracle database	Eliminates the need for dedicated Oracle backup hardware and media, improving efficiency and protection
Domain-Based User and Password Authentication	Enables administrators to manage multiple user IDs from any BrightStor ARCserve Backup v9 for Linux server.	Delivers remote administration of the entire enterprise
Security and Profile Management	Maintains security regardless of the client type and controls file access in UNIX and Linux environments	Maintains system and data integrity, and security on the storage server and distributed clients
Client Multi-Stream Processing	Linux and Windows clients can perform multiple jobs simultaneously	Improves performance through simultaneous backup and restore of remote clients
Advanced Library Automation	Provides support for a variety of tape devices	Enables data center administration and automation
Multi-Channel Connections	Allows multiple backup sets to be written or read in parallel by a single RMAN command	Significantly improves backup performance
Innovation		
NEW! NAS Option NDMP Only	Backs up a NAS unit with NDMP support to a locally attached tape library	Minimizes data traffic while backing up and restoring your NAS unit.
NEW! Disaster Recovery support for Ext3 File system and GRUB	Provides the ability to recreate Ext3 file systems and restore the full recovery of EXT3 file systems and GRUB	Support for the most common File Systems in the Linux Market to easy recover the server after having a disaster
Integrated Virus Scanning Curing	Scans data for viruses during backup operations and automatically cures infected files	Helps ensure the protection of critical data without the need for a separate anti-virus solution