

CA ARCserve® Backup R12

CA ARCSERVE BACKUP R12 OFFERS WORLD-CLASS DATA PROTECTION FOR YOUR DISTRIBUTED SERVERS, DATABASES AND APPLICATIONS, AS WELL AS CLIENTS IN YOUR MULTIPLE ENVIRONMENTS, INCLUDING WINDOWS, UNIX, LINUX AND NETWARE. WITH ITS WIDE RANGE OF POWERFUL, EASY-TO-USE AND SINGLE MANAGEMENT DATA PROTECTION TOOLS, CA ARCSERVE BACKUP ENSURES THE INTEGRITY AND AVAILABILITY OF YOUR MOST IMPORTANT ASSET - DATA.

Overview

In recent years, keeping your business data secure has become a highly critical task due to multiple factors:

- Information is growing at exponential rates.
- New regulations require keeping all information safe for longer periods of time.
- Increased risk of potential disasters.
- Multiple locations to protect can be the administrator's worst nightmare.
- Businesses demand exceptional flexibility from software tools.

Benefits

CA ARCserve Backup ensures the protection and availability of critical business data for all size companies. It offers:

- Support for your disk and tape backup and restore operations.
- Centralized Management of your data across multiple servers and locations
- Integration with the latest technologies like replication, failover, CDP and server virtualization.
- Enhanced Encryption capabilities

CA Advantage

CA ARCserve Backup ensures all data created is available and ready to recover in case of a disaster, reducing cost and complexity. It delivers:

- Unparalleled performance and easy-to-use tools.
- Integration with the latest replication and failover technologies.
- Simplified Management. CA ARCserve Backup is part of the CA's Recovery Management strategy and the Enterprise IT Management (EITM) vision, which can help you unify and simplify IT management across the enterprise.

1 CDP - Continuous Data Protection

CA ARCserve Backup: Success Depends on Business Information Availability

With the dependency we have in computers, it's almost impossible to think how a company can survive after losing their information due to a catastrophe. This is not a matter of "if a disaster occurs", it's a matter of "when the disaster happens" and the implementation of the right backup and recovery solution can be the difference between being the hero of the company or looking for a new job. That's why it is necessary to have a proven solution that allows the IT administrators to be sure they will be ready to deal with the situation when the disaster strikes.

CA ARCserve Backup helps ensure the protection and availability of your critical business data with easy to use tools, innovative technology and reliable performance to deliver complete data protection across any size company for Windows, UNIX, Linux and NetWare systems, providing you with several key benefits, including:

ADVANCED BACKUP AND RESTORE SUPPORT FOR THE MOST USED APPLICATIONS. CA ARCserve Backup has application specific agents to support all the leading applications, such as Microsoft SQL Server, Microsoft Exchange Server, Microsoft SharePoint, Oracle, Lotus Domino, SAP R/3, Sybase and many others. These agents help you ensure your data integrity by protecting the transaction log, archive log and journal files along with the data. And they also allow for advanced operations such as tablespace backups and restores.

HIGH PERFORMANCE. CA ARCserve Backup leverages multiple methods, including backup to disk, backup to tape, disk to disk to tape, multiplexing and multi-streaming to provide you with high-performance, non-disruptive backup and restore operations for your mission-critical information.

CA ARCSERVE BACKUP AND CA XOSOFT™ REPLICATION INTEGRATION. This integration enables users to browse and backup replicated data, restore data to the master or replica server, create synthetic full backups, view CA XOssoft Replication reports, and launch the CA XOssoft Replication GUI from within the CA ARCserve Backup GUI.

DISK STAGING BACKUP (D2D2T). D2D2T shrinks backup time by allowing backup data to be staged to fast disk drives before it is automatically moved to tape. Restore requests are redirected to disks automatically, reducing your recovery time. The whole operation is policy driven, reducing your cost and management overhead. (See Figure A)

SUPPORT FOR VIRTUAL MACHINE SESSIONS. Windows Virtual Server, Windows Virtual PC as well as VMware sessions hosted on servers can be protected using CA ARCserve Backup.

64-BIT PLATFORM SUPPORT. CA ARCserve Backup r12 will allow your administrators to leverage the performance and scalability benefits of 64-bit hardware platform in backup servers as well as protect applications running in 64-bit operating systems.

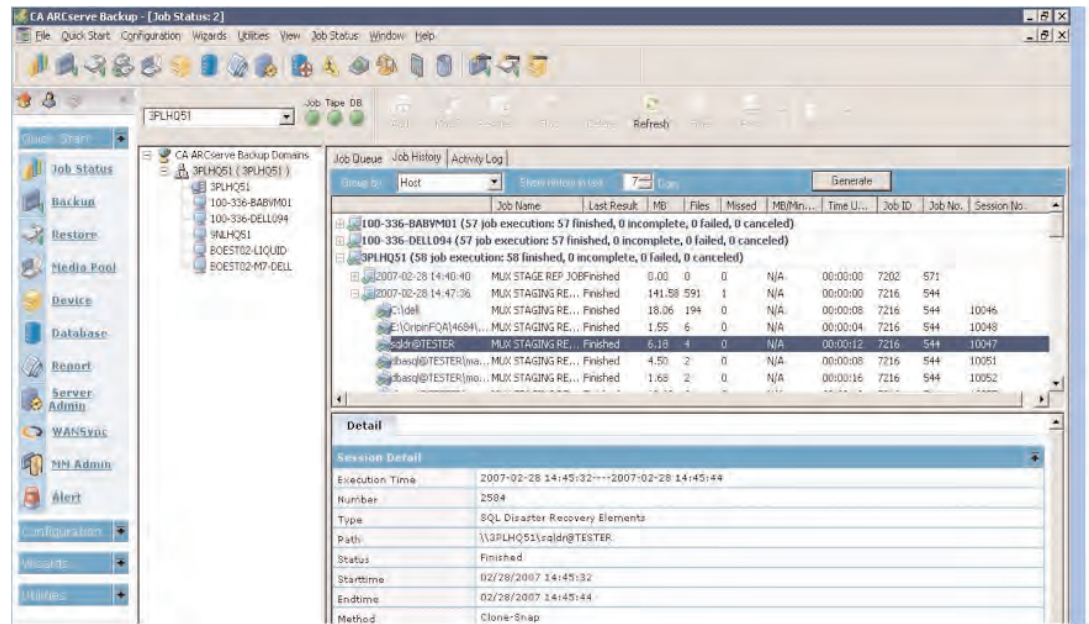
SMART RESTORE CAPABILITY. If CA ARCserve Backup encounters a bad media, it redirects the restore job to other media containing the same data without any manual intervention, reducing your need for human intervention and restore time.

INCREMENTAL/DIFFERENTIAL VSS SUPPORT. VSS Incremental/Differential backup support will reduce the time needed to backup your applications supporting Microsoft VSS framework.

FIGURE A

The new central management console allows administrators to manage, modify and control any functionality related to the backup and restore of their environments.

NEW CENTRAL MANAGEMENT CONSOLE



New Features and Functionalities

CENTRALIZED MANAGEMENT AND ADMINISTRATION. CA ARCserve Backup has been redesigned to support a three tier architecture and now provides you with a centralized management console that allows your administrators to manage, modify and control backup and restore jobs, media devices, activity logs, alerts, catalogs, product licensing and reports from a single point including local, remote servers and remote offices. (Figure A.)

HIGH PERFORMANCE. CA ARCserve Backup leverages multiple methods, including backup to disk, backup to tape, disk to disk to tape, VTL Support, VSS Snapshot support, Hardware Snapshot support, multiplexing and multi-streaming among others, to provide you with high-performance, non-disruptive backup and restore operations for your mission-critical information and data assets.

ENHANCED DATABASE/CATALOGS. CA ARCserve Backup now supports Microsoft SQL Express, offering a more scalable database and providing advance database management tools in order to keep your database under a manageable size. Also it now supports catalog indexing hence, eliminating the need to load/merge the catalog file into the database and thus reducing the database in size and usability. This database can be configured to be deployed in local or remote database or catalog scenarios.

SCALABILITY. CA ARCserve Backup provides a complete backup solution regardless of the size or type of the organization. Any size company can use CA ARCserve Backup to protect all of their data, including data that is located at their distributed branch offices, all from one centralized server. The advantage lies in that every CA ARCserve Backup supports many client configurations and platforms, including Windows, Linux, NetWare and UNIX. CA ARCserve Backup allows your administrators to leverage the performance and scalability benefits of 64-bit hardware platform in backup servers as well as protect applications running in 64-bit operating systems.

SECURE DATA AND MEDIA TOOLS. CA ARCserve Backup supports FIPS certified AES 256 Bit encryption and hardware based tape drive encryption to provide organizations a safe and secure method to protect the information that will physically reside outside your company for disaster recovery purposes, without impacting the performance of your backup operations.

VMWARE ESX SUPPORT. With the new agent for VMware, backups can be managed efficiently by selecting a combination of VCB Proxy, ESX Server, Virtual Machine and Volumes. Physical to virtual bare metal restore and file level restore to original virtual machine location is also supported with this agent certified by VMware.

SIMPLIFIED DEVICE MANAGEMENT. New tape library auto configuration allows you to change library settings without having to stop the tape services for multiple maintenance tasks, such as assigning more backup space (backup to disk), cleaning tapes, auto reconfiguring after replacing bad drives, adding new drives, SAN environments, etc.

NEW ENHANCED DISASTER RECOVERY OPTION. New enhanced graphical user interface allows you to easily customize server parameters and hardware like disk drives, network cards, etc. before performing a disaster recovery. It also supports 64 bit Windows Platforms.

NEW ENHANCED REPORTS FOR PROACTIVE MANAGEMENT. CA ARCserve Backup includes new reports that allow you to optimize your current backup jobs as well as determine when a problem can occur before it happens. New reports include: backup and restore attempt success rate, clients with most failed backup attempts, partial backups, full backup duration report, etc.

NEW LICENSING MANAGEMENT CONSOLE. The auto discovery feature in CA ARCserve Backup automatically detects all the licenses in your environment and allows you to have a central licensing implementation of all ARCserve Backup components from a single console as well as add, change or remove components in your environment.

The Bottom Line: More Availability, Productivity and Reliability

CA ARCserve Backup makes your data easily available and accessible. By offering broad and comprehensive protection to a variety of business-critical data from a wide range of threats, you can withstand these threats and recover quickly and completely from disasters. Businesses become more resilient and employees and partners more productive. These benefits translate directly into higher levels of customer, partner and worker satisfaction as well as value creation and revenue generation. CA ARCserve Backup can improve the actual and perceived business value of your enterprise IT investments by protecting the data those investments require to function.

The CA Advantage

As you can see, CA ARCserve Backup offers an unparalleled combination of functionality, flexibility and unmatched, "out-of-the-box" protection of business-critical data for businesses of every size and type. In addition, the solution is supported by CA, a long-time market leader in IT-enabled business solutions.

CA ARCserve Backup is both a clear example and a critical element of CA's unique vision of Enterprise IT Management (EITM). Under this vision, CA focuses on helping you unify and simplify management of your IT resources in ways that maximize the value to your business. And like its other solutions, CA ARCserve Backup is built for easy integration and interoperability with other management tools, from CA and other vendors.

In addition, all CA solutions are supported by a broad, skilled ecosystem of industry partners, and by the power and talent of CA Technology Services™ and CA Education. These strengths mean that you will always have access to help with your data protection or IT management challenges, for today and tomorrow.

Next Steps

You know how critical your data is to your business – and what losing that data can mean. You know that CA ARCserve Backup offers comprehensive, consolidated, flexible and powerful backup and recovery features that can help you protect that data. Protecting that data means greater agility and productivity for your business and other benefits for your company, your employees and your partners. All you need now is to learn how quickly and easily CA ARCserve Backup and CA can help you and your organization meet your specific data protection needs.

For more information, call 1-800-Call-CAI (1-800-225-5224) or visit ca.com/storage.

To learn more, and see how CA software solutions enable other organizations to unify and simplify IT management for better business results, visit ca.com/customers.

Learn more about how CA can help you
transform your business at ca.com

