Product Brief

CA ARCserve D2D is a disk-based recovery product designed to provide the perfect combination of fast, simple, reliable protection and recovery for all of your business information. CA ARCserve D2D can do this on both physical and virtual servers from local disk or off-premise cloud storage. An innovative web 2.0 interface proactively feeds you updates that enable you to confidently meet and manage your recovery service-level agreements (SLA's). It is the only product that has bare-metal restore to dissimilar hardware and block-level infinite, incremental snapshots, based on the patent-pending I^2 technology™ from CA Technologies, in one package 1 like data deduplication, I^2 technology will drastically reduce your backup window, network traffic and disk storage and load on your production applications. Centralized deployment, management and reporting reduce implementation and management effort and provide status information directly to you for increased peace of mind. New host-based backup of VMware virtual servers simplifies protection of all virtual servers on a physical host while the new virtual standby provides rapid recovery of any server as a VM for near-instantaneous recovery

OVERVIEW

Your data has become more of a strategic business asset that you need to protect from a variety of threats. At the same time, you're being driven to accomplish more with less and are expected to deliver the same levels of service or more. You look to technology with a focus on products that you can set and forget so that you can focus on other priorities. By using CA ARCserve D2D, you can quickly and easily recover your business information across your company.

BENEFITS

With extensive data protection capabilities that work together to secure your business information, CA ARCserve D2D offers a new way to back up. It drastically reduces the backup window, uses less storage and provides a fast, flexible recovery, including bare-metal restore of your protected servers. CA ARCserve D2D helps you to quickly prepare for, respond to and recover from disruptions that threaten the integrity and reliability of your core business operations.

THE CA ARCSERVE ADVANTAGE

CA ARCserve D2D offers a new way to help businesses protect the critical data that you rely on each day. Using innovative I^2 technology, CA ARCserve D2D provides a reliable, fast and frequent backup to help protect your data. New advancements enable CA ARCserve D2D to ensure that your data is quickly available and recoverable following any disruptive event. Moreover, CA ARCserve D2D is a core component of the larger CA ARCserve® Family of Products—providing you with the full continuum of data protection and availability technologies to help meet all your data needs and move your business forward.

Lightning-fast backup and disaster recovery could save your job

With the tremendous volumes of data that modern businesses create, transmit and manage each day, your business must be well-equipped to quickly resume operations in the event of a disaster or disruption. As your reliance on this data has grown, so too have the number, type and severity of the threats that it faces each day—including everything from viruses and accidental data corruption to application failures and natural disasters. To create a safe, reliable infrastructure, your business needs comprehensive data protection that helps you to quickly recover from a disruption before downtime negatively affects business operations or customer relations.

CA ARCserve D2D helps you to ensure the availability of your data by providing you with intuitive, easy-to-use tools, innovative technology and exceptional performance that delivers practical data protection across your business

[1] AS OF FEBRUARY 2011.

CA ARCserve D2D supports your Windows-based environments, and delivers a host of core capabilities, including:

BLOCK-LEVEL, INFINITE, INCREMENTAL BACKUP Like deduplication, this patent-pending technology uses less storage space, performs backups faster and puts less of a load on your Production servers. Disk-to-disk backups are based on the block-level I^2 technology from CA Technologies. This technology has been designed to intelligently manage the backup of only blocks of data that have changed since the last backup and present a consolidated point-in-time view of the protected volume for multiple recovery types—reducing your recovery time.

PROTECTION FOR VIRTUAL SERVERS A single user interface to help protect virtual servers as well as physical servers saves you training time and simplifies your operations. Block-level I^2 technology helps to reduce backup time, storage space, network usage, workload on the Production servers and recovery time for virtualized servers.

SINGLE-SNAPSHOT BACKUP WITH FIVE RESTORE TYPES Single-pass backup enables you to rapidly restore files, volumes, databases, Microsoft® Exchange emails or the entire system to any server in both physical and virtual environments. One snapshot helps to ensure recovery of your data in the most efficient manner.

BARE-METAL RESTORE TO DISSIMILAR HARDWARE Bare-metal restore offers a lightning-fast way to recover a crashed server to the same or dissimilar hardware. It simply paints the picture of the original drive back onto the new drive and restarts the system. This reduces a process that can potentially take as long as 36 hours to just minutes, minimizing your risk and your losses from downtime.

PHYSICAL-TO-VIRTUAL SERVER MIGRATION Flexibility to migrate from physical servers to virtual servers, from one virtual platform to another and from virtual servers to physical servers is important in today's modern data center. You can simplify your migration of servers by using the CA ARCserve D2D bare-metal restore process to save time, increase flexibility, improve scalability and reduce operational costs.

APPLICATION-CONSISTENT SNAPSHOT BACKUPS For fast application recovery, this ensures that the application is being properly quiesced and backed up from a consistent state to help reduce downtime and minimize losses.

DYNAMIC DOCUMENTATION WITH A WEB 2.0 INTERFACE Fast and easy access to the latest product documentation that is pushed to you via the CA ARCserve D2D user interface helps to reduce management time.

POINT-IN-TIME BACKUP VIEW This provides a full, point-in-time view of the disk for rapid recovery of files, folders, volumes, Exchange emails and databases, making the recovery process easier and offering a selection of the quickest methods to recover.

HIGH-FREQUENCY BACKUPS New I^2 technology enables you to perform backups every 15 minutes for greater levels of protection, improved recovery point objectives (RPOs) and reduced risk.
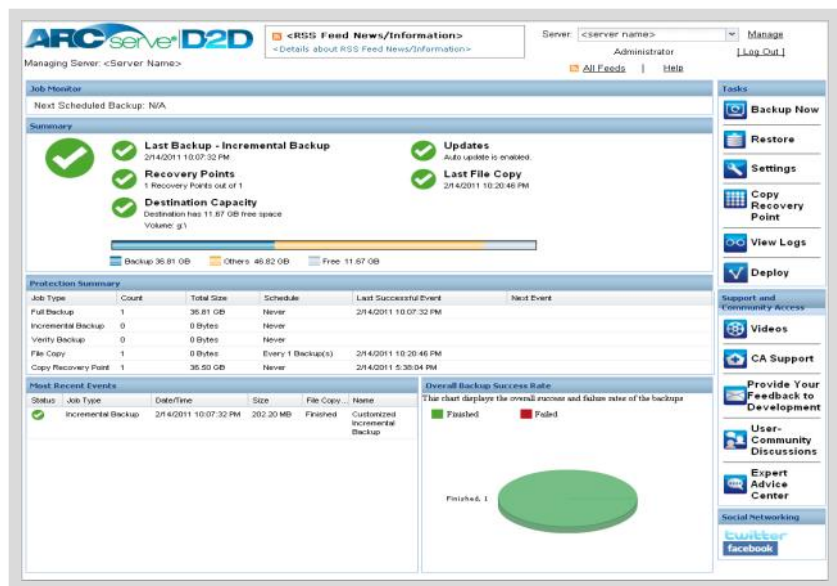
END-USER SEARCH AND RESTORE You can find and recover file- and folder-level items from user data sets without administrator intervention—this speeds recovery time and reduces the workload of IT personnel.

CA ARCSERVE® REPLICATION R16 AND CA ARCSERVE® HIGH AVAILABILITY R16 You can use CA ARCserve D2D with CA ARCserve Replication r16 and CA ARCserve High Availability r16. This enables you to replicate complete CA ARCserve D2D backups to a remote location for an additional level of protection or rapid recovery in the event of a data center outage.

PROTECTION FOR REMOTE OFFICES AND BRANCH OFFICES You can protect your remote offices with local backup and recovery by using CA ARCserve D2D and then replicate the backup files to a central location by using CA ARCserve Replication. You can then back up these files to tape by using CA ARCserve® Backup for long-term, off-site archiving.

SUPPORTED PLATFORMS AND APPLICATIONS CA ARCserve D2D works with Windows® to provide backup of Windows Server® 2003 and 2008, Windows® XP Service Pack 3 (SP3), Windows Vista® and Windows® 7 on 32-bit and 64-bit platforms, and Microsoft Exchange (2003, 2007 and 2010) and Microsoft SQL Server® 2005 and 2008 databases. It also supports VMware, Microsoft Hyper-V™ and Citrix® XenServer virtualization platforms

THE CA ARCSERVE D2D MANAGEMENT SCREEN PROVIDES AN EASY-TO-READ OVERVIEW OF BACKUP STATUS, AVAILABLE RECOVERY POINTS AND USER ACTIONS.

New Features and Functionality in CA ARCserve D2D r16

CA ARCserve D2D r16 is designed to extend the capabilities of the product with a host of robust new features and functionality, including:

BACKUP THROTTLING Enables you to customize your backup performance processes to balance system usage. This is important if you have other mission-critical applications and services running that need most of the system resources. It helps you to ensure the necessary resources to allow these applications to adequately perform their functions.

INTEGRATED ACCESS TO CLOUD STORAGE Easily enables you to take advantage of cloud services for remote, off-site protection, archiving or additional storage capacity. It enables the flexibility of cloud services for your data protection and helps you to take advantage of operational budget instead of capital budget for your storage needs.

GRANULAR MAILBOX RECOVERY Sometimes, you only need to recover a single email or an attachment to an email, rather than needing to take the time or resources to recover an entire Exchange server. Granular recovery enables you to recover just the email you need and get back to work quickly, relieving IT to work on strategic projects.

DESKTOP/LAPTOP PROTECTION Laptop theft, accidents and errors due to clumsy typing can jeopardize key business data residing on laptop and desktop workstations today. Avoid the cost of downtime with the same protection that you use with your servers—infinite, incremental snapshot backups and bare-metal restore for your desktops and laptops.

ENCRYPTION Privacy is critically important today. Protect your data from prying eyes by encrypting your backups and rest easy that your data is safe, no matter where it is stored.

WINDOWS EXPLORER SHELL INTEGRATION This familiar interface speeds the location of data for rapid recovery of files, folders, volumes, individual Exchange emails and databases. Recover your data and get back to business in the shortest time possible.

AUTO UPDATE Keeping your CA ARCserve D2D software up to date is important to ensuring the best performance. Auto Update reduces your workload by notifying you of new updates and making it easy to install them, freeing up your time.

INTEGRATION WITH CA ARCSERVE BACKUP R16 Reduce management time and increase flexibility by migrating CA ARCserve D2D backups into the CA ARCserve Backup recovery catalog for one central location to recover your data. Movement of backups to disk, tape or cloud to support your disaster recovery initiatives reduce risk, increase flexibility and help to control costs

New CA ARCserve® Central Applications deliver additional functionality:

CA ARCserve Central Applications offer flexibility to easily integrate new capabilities across the CA ARCserve Family of Products and add new functionality into your existing CA ARCserve environment. In this way, you can improve recovery time, reduce IT management workload and enhance the backup of your virtualized servers.

CA ARCSERVE® CENTRAL PROTECTION MANAGER Reduces workload on IT personnel in environments where there are multiple servers and workstations to protect. Simplified centralized management and recovery reduces operational costs, improves consistency of protection and frees up IT time for strategic projects.

CA ARCSERVE® CENTRAL REPORTING Minimize risk by quickly understanding what is occurring across your backup environment, regardless of the size of your environment. Reports inform you and your management that the data is protected and ready for recovery if an unplanned outage occurs—helping to satisfy management and auditors, and avoid costly data loss.

CA ARCSERVE® CENTRAL HOST-BASED VM BACKUP Removes the performance impact of data protection from your virtualized data center while ensuring the availability of business-critical applications by delivering fast recovery from any type of failure. Simple to deploy and manage, CA ARCserve Central Host-Based VM Backup helps to reduce operational costs and complexity.

CA ARCSERVE® CENTRAL VIRTUAL STANDBY Delivers quick recovery for your servers, applications and data. Critical physical or virtual systems can be brought back online quickly by utilizing the power and flexibility of virtualization, increasing the availability of IT services and maintaining revenue and productivity. You can perform migration from physical servers to on-premise or off-premise virtualized servers with minimal risk and impact to your business operations.

Be a data recovery rock star.

CA ARCserve D2D provides robust data protection that helps to secure your business information against a wide range of threats to help ensure that your data is available and, more importantly, accessible. CA ARCserve D2D helps your organization quickly respond to—and recover from—the disruptions or disasters that jeopardize your business operations.

With CA ARCserve D2D, your business becomes more resilient, which can directly translate into higher levels of customer and employee satisfaction. Furthermore, by protecting your core business applications, CA ARCserve D2D helps you to increase the value of your IT infrastructure.

The CA ARCserve advantage

CA ARCserve D2D offers powerful functionality, flexibility and out-of-the-box protection of the data that businesses rely on each day. In addition, CA ARCserve D2D integrates easily with other management tools offered by both CA Technologies and third-party vendors. In this way, you can benefit from the full support of CA Technologies, a long-time market leader in IT-enabled business solutions.

Part of the CA ARCserve Family of Products

As a key component of the CA ARCserve Family of Products, CA ARCserve D2D delivers the functionality that helps you to maximize the performance, efficiency and effectiveness of your backup and recovery strategy. In this way, CA ARCserve D2D tightly integrates with CA ARCserve Backup, CA ARCserve Replication, CA ARCserve High Availability and the new CA ARCserve Central Applications to help you better manage risk, costs and service—and ensure that recovery and availability measures closely align with your business goals.

Next Steps

You know how critical data is to the success of your business and how important it is to keep it available. CA ARCserve D2D is a perfect fit for either a first backup system or a solution that provides additional data protection with faster backups and bare-metal restore to dissimilar hardware.

To learn more, and to see how CA ARCserve D2D software solutions can help you to unify and simplify your storage needs to gain better business results, visit arcserve.com or contact your local CA representative at arcserve.com/about-us/contact-us.

Try it for yourself

Try CA ARCserve D2D for free at arcserve.com/software-trials and see why thousands worldwide trust it for their critical applications and information.