

CA ARCserve® D2D



CA ARCserve D2D is a disk-based recovery product that simplifies recovering data. It offers a single-snapshot backup and recovery solution in a cost-effective, easy-to-manage package. CA ARCserve D2D is a perfect fit for either a first backup system or a solution that provides additional data protection. It offers faster backups, bare-metal restore to dissimilar hardware and integrated access to off-premise cloud storage for your physical and virtual servers as well as for your laptop and desktop workstations. New centralised deployment, management and reporting simplify management while host-based VMware backup and virtual standby capabilities offer reduced risk and faster recovery.

Feature	Description	Benefits
Integrated Access to Cloud Storage	Integrated configuration of the cloud connection to Amazon Simple Storage Service (Amazon S3) and Windows Azure™ storage via the CA ARCserve D2D user interface to enable access to cloud storage as a file copy or archive destination.	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.
Backup Throttling	Enables users to optimise the amount of resources that are allocated to conduct each disk-to-disk backup.	Enables you to customise 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.
Granular Mailbox Recovery	Provides recovery of individual Microsoft® Exchange emails, attachments, files and folders from a single-pass backup.	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	Use CA ARCserve D2D with infinite, incremental snapshot backup and bare-metal restore for your desktop or laptop with the same easy-to-use product that protects your corporate servers.	Laptop theft, accidents and errors due to clumsy typing can jeopardise 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.



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Encryption	Advanced Encryption Standard (AES)-128, AES-192 and AES-256 encryption ensures the privacy of your data, no matter where it is stored.	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	Navigate recovery points directly from Windows Explorer. Copy and paste, drag and drop, scan, and open files just as you're accustomed to doing with Windows Explorer.	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	Download and install the latest updates, hot fixes and service packs easily from within the CA ARCserve D2D console.	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.
CA ARCserve® Central Protection Manager	Provides a single web-based console for a centralised view and management of all servers and workstations protected by CA ARCserve D2D. It includes automated Active Directory® discovery, remote deployment, simplified policy-based administration, Storage Resource Manager (SRM) reporting, status, grouping, search and restore, basic workflow and event logging.	Reduces workload on IT personnel in environments where there are multiple servers and workstations to protect. Simplified centralised management and recovery reduces operational costs and frees up IT time for strategic projects.
CA ARCserve® Central Reporting	Provides a centralised view, administration and reporting on all devices, settings and policies running on-premise and off-premise that are protected by CA ARCserve® Backup and CA ARCserve D2D. It gives detailed reports, as well as a rollup Dashboard report view, so you can easily understand what is happening across your environment.	Minimise 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	Uses a single copy of CA ARCserve D2D to protect a single VMware host environment, performing backup of all VMs via a single-pass backup without having to install CA ARCserve D2D inside each VM. It uses the VMware vSphere™ Changed Block Tracking (CBT) feature to capture the changes since the last backup and enables recovery of the entire virtual guest, or granular recovery of files and folders from each VM. It can also restore supported applications running within a VM.	Simplifies protecting your virtualised data center while helping to ensure the availability of business-critical data and 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.



Feature	Description	Benefits
<p>CA ARCserve® Central Virtual Standby</p>	<p>Makes CA ARCserve D2D backups available to run like regular VMware Virtual Machine Disk (VMDK) or Microsoft Virtual Hard Disk (VHD) virtual servers. It automatically pre-registers each recovery point with the hypervisor for immediate recovery as a VM if a system outage occurs. In addition, it enables physical-to-virtual (P2V) and virtual-to-virtual (V2V) migration. Copies of VMs can be used for pre-flight deployment, software installations and upgrade testing when desired.</p>	<p>Delivers quick recovery for your servers, applications and data. Critical physical or virtual systems can be brought back online quickly by utilising the power and flexibility of virtualisation, increasing the availability of IT services and maintaining revenue and productivity. You can perform migration from physical servers to on-premise or off-premise virtualised servers with minimal risk and impact to your business operations.</p>
<p>Supported Platforms</p>	<p>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.</p> <p>Also supports Microsoft Exchange (2003, 2007 and 2010), Microsoft SQL Server® 2005 and 2008 and Microsoft SharePoint® 2007 and 2010.</p> <p>Supports VMware, Microsoft Hyper-V™ and Citrix® XenServer virtualisation platforms.</p>	<p>Full support for the most common customer platforms and applications. Same great protection for your workstations running Windows XP, Windows Vista and Windows 7.</p> <p>Supports your virtualised environment.</p>

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