



# Use with CA ARCserve Backup

As your business grows your data becomes more of a strategic business asset that needs to be protected from a variety of threats. It is important that you look towards technology with a focus on products that are simple, easy to deploy and manage; enabling you to focus more on your key business priorities. You need a product that enables you to quickly and easily protect your critical business information across your company; offers quick recovery from disasters and disruptions that jeopardize your business operations.

CA ARCserve® D2D is a disk-based backup product designed for Small and Medium Business (SMB) to provide a fast, simple and reliable way to protect and recover critical business information. Based on powerful disk-based snapshot technology and Bare-Metal Restoration capabilities, it offers a cost-effective, set and forget solution that helps eliminate the backup window and rapidly restore files, volumes, or the entire system to any server in both physical and virtual environments.

CA ARCserve Backup offers world-class and highly efficient data protection, 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. CA ARCserve Backup works in conjunction with CA ARCserve D2D to copy the backup files to tape for off-site long-term retention.

## OVERVIEW

CA ARCserve D2D lets you quickly and easily protect critical business information across your company. Provides the capability to restore files/folders, volumes, applications, and perform bare metal recovery from a single backup. It also lets you deploy the software remotely to other selected servers using the CA ARCserve D2D UI.

CA ARCserve D2D works in conjunction CA ARCserve Backup to offer a second layer of data protection, sending your CA ARCserve D2D backups to tape for long-term off-site retention and providing protection against a site outage.

## BENEFITS

- Provides dual protection to your data through its ability to work with CA ARCserve Backup.
- Provides efficient compression ratios during backups to a CA ARCserve Backup Data De-duplication device.
- New I<sup>2</sup> technology™ provides the ability to perform backups every 15 minutes for greater levels of protection and improved Recovery Point Objectives.
- Uses less storage space, performs backups faster, and puts fewer loads on your production servers.
- Provides recovery of both Microsoft SQL Server and Microsoft Exchange Server without a need to perform a full disaster

## Install/Configure

The CA ARCserve D2D installation is straight forward and wizard-driven. After CA ARCserve D2D is installed on a server, you can further deploy it to other servers remotely without having to physically visit the remote system. CA ARCserve D2D requires you to license the product for it to function. If you intend to deploy CA ARCserve D2D to remote locations, the remote sites will also need to be individually licensed. Next, install the CA ARCserve Backup Client Agent on the machine where you have the CA ARCserve D2D data to archive the backups onto tape using CA ARCserve Backup.

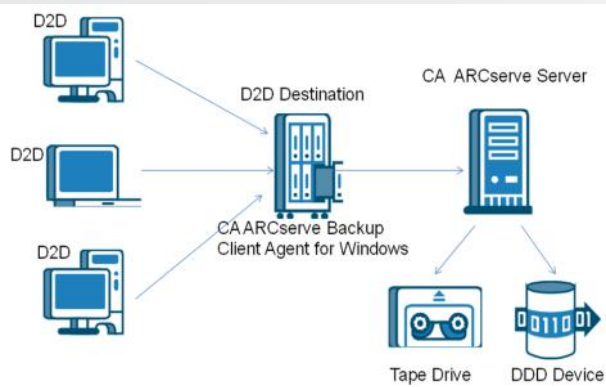
You must configure CA ARCserve D2D backup settings prior to performing your first backup. These settings allow you to specify such behavior as the destination for your backup, the schedule for each type of backup, the number of recovery points, the settings and advanced settings for your backup jobs. CA ARCserve D2D lets you modify the backup settings at any time from the CA ARCserve D2D home page.

## How CA ARCserve D2D Works

CA ARCserve D2D lets you perform frequent and periodic block level backups of local volumes. These backups can be stored on either an internal drive, external drive, or on a NAS network drive.

During backup, CA ARCserve D2D captures a block-level VSS snapshot image of your machine. CA ARCserve D2D captures the data and also creates a catalog containing all information related to the operating system, installed applications, configuration settings, necessary drivers, and so on. When required, you can then restore this backed-up image to recover your data or your entire machine.

During Restore, CA ARCserve D2D lets you choose between one of the two restore interfaces, Browse Recovery Points or Restore by Finding File/Folder, to quickly and easily identify the data you need to restore.



## How CA ARCserve D2D works with CA ARCserve Backup

CA ARCserve Backup requires you to install the CA ARCserve Backup Client Agent for Windows on the machine where you have the CA ARCserve D2D data (disk or a remote share).

CA ARCserve Backup automatically identifies CA ARCserve D2D data and lets you schedule the backup. CA ARCserve Backup also provides the flexibility to access and manage your CA ARCserve D2D server from CA ARCserve Backup Manager.

Creating a backup job to perform backup of the CA ARCserve D2D data is similar to that of creating any other CA ARCserve Backup jobs. CA ARCserve Backup lets you perform backup of CA ARCserve D2D share folder with different backup options including Compression, Encryption and Data Deduplication.

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### During Backup

CA ARCserve Backup checks the files/folders one by one to see if it is in use by CA ARCserve D2D, if yes, it skips backup of the files in use, if not, CA ARCserve Backup continues with the backup. Backup of the D2D destination folder is performed using VSS.

### During Restore

CA ARCserve Backup lets you restore the CA ARCserve D2D data onto the same location or any other location using either restore by tree, restore by session or restore by query options.



## Frequently Asked Questions

- Q: Can I deploy CA ARCserve D2D on multiple machines at one time?  
 A: No, CA ARCserve D2D allows you to deploy to one machine at a time.
- Q: Can I remotely deploy CA ARCserve D2D on both x86 and x64 machines?  
 A: Yes, you can remotely deploy CA ARCserve D2D on both x86 and x64 machines.

## Summary

CA ARCserve D2D is a new disk-based backup solution that makes recovering your data on both physical and virtual servers a snap. An innovative Web 2.0 interface proactively feeds you updates that let you confidently meet and manage your recovery SLAs. It is the only product that has Bare Metal Restore to dissimilar hardware and block-level infinite incremental snapshots, based on CA's patent pending i<sup>2</sup> technology™, in one package. CA ARCserve D2D lets you perform frequent backups (as frequently as every 15 minutes) providing a more up-to-date backup, also provides the capability to restore files/folders and applications. You can also use it with CA ARCserve Backup r15 to attain a second layer of protection by shipping the data off-site on the tape for long-term retention.

For more information about the CA ARCserve Family of products, please visit [arcserve.com/products](http://arcserve.com/products) or test drive our products at [arcserve.com/software-trials](http://arcserve.com/software-trials).