



# Single Pass Backup

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 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 I2 technology™, in one package.<sup>1</sup>

CA ARCserve D2D has a unique Single Pass Backup feature. This Backup feature will protect an entire computer's data – including the operating system, applications and data components necessary to restore the entire protected system. The CA ARCserve D2D Single Pass Backup feature also provides the capability to restore files/folders, volumes, applications and perform bare metal recovery.

## OVERVIEW

- Protects all volumes of your machine (except if the volume contains the backup destination).
- Lets you remotely manage your machines.
- Provides a system tray monitor to display status/ notification information and perform quick actions.
- Status alerts via email

## BENEFITS

From a single pass backup, four different restore types are available:

- File-level restore – restore any backed up files/folders.
- Volume level restore.
- Application Restore – restore SQL\Exchange data at the database level.
- Bare Metal Recovery – recover an entire computer; including the OS, applications and data components. Dissimilar hardware is supported and you can expand or resize to bigger disks if nec-

## Install / Configure

The Single Pass Backup feature is installed with the CA ARCserve D2D software– it is automatically installed as part of the process. After CA ARCserve D2D has been installed, configure the backup destination, how often the backup is scheduled, the number of recovery points, and select the compression level.

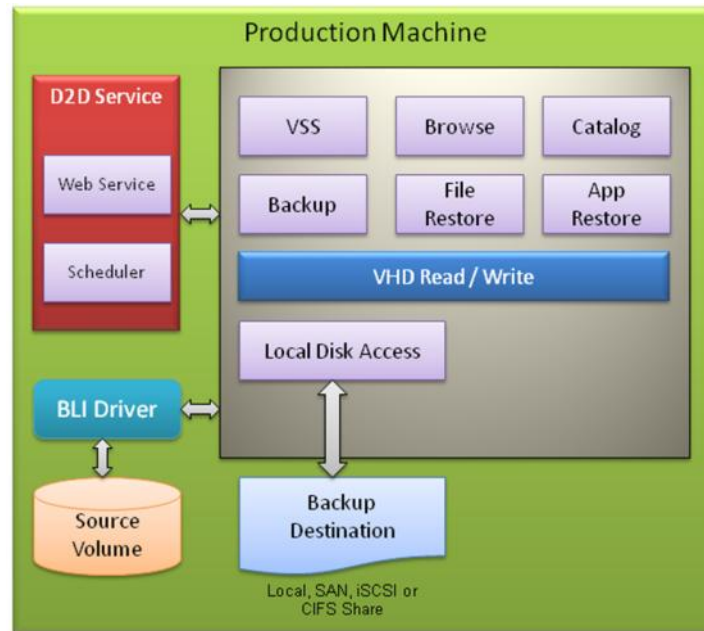
The screenshot displays the CA ARCserve D2D web interface. At the top, it shows 'ARCserve D2D' and 'Development & Product Information Center Beta'. The main area is divided into several sections:

- Job Monitor:** Shows the next scheduled event: '25/2010 4:07:00 AM Incremental Backup'.
- Summary:** Features three green checkmarks indicating successful status:
  - Last backup - Incremental Backup:** 2/4/2010 10:40:38 PM
  - Recovery Points:** 10 Recovery Points out of 10
  - Destination Capacity:** Destination has 17.09 GB free space. Volume: C
 A progress bar below shows 'Backup 4.09 GB', 'Others 76.47 GB', and 'Free 17.09 GB'.
- Protection Summary:** A table listing backup types and their details.
 

Type	Count	Total Size	Schedule	Last Backup	Next Event
Full	1	4.06 GB	Never	2/4/2010 4:03:28 AM	
Incremental	9	26.89 MB	Every 1 day(s)	2/4/2010 10:40:38 PM	2/5/2010 4:07:00 AM
Resync	0	0 Bytes	Never		
- Most Recent Backups:** A list of recent incremental backups with columns for Status, Type, DateTime, Size, and Name. All shown backups are 'Incremental' and 'Customized Incremental Backup'.
- Overall Backup Success Rate:** A chart showing 'Finished: 10' and 'Failed: 0'.
- Tasks:** A sidebar menu with options like 'Backup Now', 'Restore', 'Backup settings', 'Export Recovery Point', 'View Logs', and 'Deploy'.
- Support and Community Access:** Links to 'Videos', 'CA Support', 'Send feedback to development', and 'CA ARCserve D2D Google Group'.

<sup>1</sup>Infinite incremental snapshots, based on CA's I2 technology™, refer to the function of performing an initial full backup via snapshot technology and incremental backup snapshots from then on eliminating the need to make another full copy of the data.

## How CA ARCserve D2D Single Pass Backup Works



## Frequently Asked Questions

**Q:** What does CA ARCserve D2D do to reduce the volume of data stored for each backup?

**A:** CA ARCserve D2D uses single pass backup to present multiple recovery points, and can continually save only changed blocks to reduce disk usage.

**Q:** What recovery options does CA ARCserve D2D provide?

**A:** The restore process allows recovery of individual files or folders, or volume/application recovery based on the recovery points created by each backup type.

## Summary

CA ARCserve D2D provides robust data protection that helps 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.

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).