



High Frequency Backups

CA ARCserve® D2D uses disk to disk backups that are based on CA’s block-level I2 technology™, that has been designed to intelligently manage backing up only blocks of data that have changed since the last backup. As a result, CA ARCserve D2D lets you perform frequent backups (as frequently as every 15 minutes), thereby reducing the size of each incremental backup and providing a more up-to-date backup. CA ARCserve D2D also provides the capability to restore files, volumes, application databases, and an entire system through bare metal recovery - all from a single backup.

OVERVIEW

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, an external drive, or on a NAS network drive. To avoid a continuous and never-ending backup cycle, the volume being backed up cannot also be specified as the backup destination. CA ARCserve D2D provides the capability to perform full, incremental, or resynchronization type backups.

The basic process for how CA ARCserve D2D works is simple. When you initiate a backup (either as scheduled or manually launched), CA ARCserve D2D captures a block-level VSS snapshot image of your machine. During this block-level backup process, CA ARCserve D2D not only captures the data, but 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, or pieces of it, to recover your granular data or your entire machine.

BENEFITS

CA ARCserve D2D provides the following features:

Backup Data

- CA ARCserve D2D lets you perform full, incremental, or verify type backups.
- Infinite Incremental Backups
- Block Level changes only
- Application Consistent Backups
- Ad Hoc Backups
- Backup Status Monitoring

Restore Data

- File-Level Restore
- Volume Restore
- Application database restore
- Bare Metal Recovery
- Disk Resizing

Backup Schedule Selections

CA ARCserve D2D lets you specify the schedule for your backups.

SET START DATE AND TIME

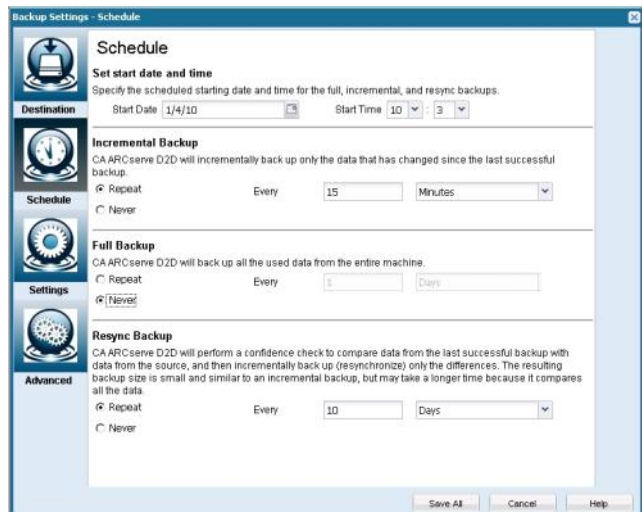
Specifies the start date and start time for your scheduled backups.

INCREMENTAL BACKUP

Specifies the backup schedule for incremental backups. As scheduled, CA ARCserve D2D will incrementally backup only those blocks that have changed since the previous backup. The available options are Repeat and Never. If you select the Repeat option, you must then also specify the elapsed time period (in minutes, hours, or days) between backup attempts. By default, the schedule for incremental backups is to repeat every 15 minutes.

FULL BACKUP

Specifies the backup schedule for full backups. As scheduled, CA ARCserve D2D will perform a full backup of all blocks from the source machine. The available options are Repeat and Never. If you select the Repeat option, you must then also specify the elapsed time period (in minutes, hours, or days) between backup attempts. Since CA ARCserve D2D has been designed to perform incremental backups after the initial full backup, the default for this option is “Never”.



VERIFY BACKUP

Specifies the backup schedule for verify backups. As scheduled, CA ARCserve D2D will verify that the protected data is valid and complete by performing a confidence check of the stored backup image as compared to the original backup source and will resynchronize that image if necessary. The available options are Repeat and Never. If you select the Repeat option, you must then also specify the elapsed time period (in minutes, hours, or days) between backup attempts.

By default the schedule for verify backups is to repeat every 10 days.

Note: If at a given time there is more than one type of backup scheduled to be performed simultaneously, the type of backup that will be performed is based upon the following priorities:

Priority 1 - Full backup

Priority 2 - Verify backup

Priority 3 - Incremental backup

For example, if you have all three types of backup scheduled to be performed at the same time, CA ARCserve D2D will perform the full backup. If there is no full backup scheduled, but a verify and incremental backup is scheduled to be performed at the same time, CA ARCserve D2D will perform the verify backup. A scheduled incremental backup will only be performed if there is no conflict with any other type of backup.

Frequently Asked Questions

Q: Is a reboot required after installing CA ARCserve D2D?

A: Yes, you need to reboot the machine after installing CA ARCserve D2D

Q: If there is no activity on the machine, are incremental backups zero size?

A: No, there is still information that needs to be updated along with internal Windows files that may be changing.

Summary

CA ARCserve D2D provides the following backup features:

- Lets you perform different types of backup jobs, such as full, incremental, or verify.
- Protects all volumes of your machine (except if the volume contains the backup destination).
- Lets you set/change backup schedules (or immediately initiate a customized backup).
- Lets you remotely manage your machines.
- Lets you perform backups from both CA ARCserve D2D and CA ARCserve Backup simultaneously.
- Provides a system tray monitor to display status/notification information and perform quick actions.

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

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