ImageManager®

Take Charge of Your Backup Images - Onsite, Offsite, and in the Cloud





Introduction

Data growth continues at an astounding rate. Forbes magazine recently reported that "More data has been created in the past two years than in the entire previous history of the human race." This not only shows the immense amount of data we create and consume, but also the exponential growth rate of data year over year. In today's high-tech world, data is the life blood of any organization. Those who are able to protect, access and manage their data will be the ones best equipped to succeed long into the future.

The Need

In order to mitigate a data disaster, organizations not only need to maintain an effective backup solution, they also need to carefully manage their vital backup images. They need to direct where their backups are stored, how long they are preserved, and how often they are updated. They need to be able to verify that each backup completed successfully, and that each backup is accessible at a moment's notice, in the proper format.

The Solution

Arcserve ImageManager™ meets the need for complete backup image management. It is seamlessly integrated with Arcserve ShadowProtect® SPX and ShadowProtect® 5 to provide a powerful yet easy-to-use image management solution. It consolidates and collapses backup image files and lets users set up retention policies to help save valuable storage space. It also replicates backup image files to an offsite location while controlling and reporting back each step of the process. This allows for a quick and complete recovery from any disaster, large or small.

Capability Overview

Verification: Users can configure image verification to occur daily, weekly, or monthly; automatically verifying the integrity of the backup image files and chains through MD5 validation. They can define how frequently the image files are verified and re-verified. Finally, users can setup an advanced verification by automatically booting into a virtual environment, following which, they receive an email with an attached screenshot of the System Login Screen showing success or failure.

Consolidation: Users can reduce restoration time and the risk of backup-file corruption by automatically consolidating continuous-incremental backup image files, which can be consolidated into daily, weekly, and monthly files to reduce the length of the backup image chain. They can roll up multiple monthly consolidated files to further shorten the process.

Premium Features: Arcserve ImageManager allows users to replicate encrypted backup image files to the Arcserve Cloud (with a Arcserve Cloud Services™ account) Arcserve ShadowStream® technology accelerates file transfer speeds up to five times faster than traditional FTP protocols, to a private or public cloud, remote offsite storage location, or even a co-location facility.

Retention and Recovery: Users can minimize storage space for backups by managing the retention policies for continuous-incremental and consolidated backup image files. They can also manage backup image file cleanup for all managed folders on a network through global retention policies. Users have the flexibility to set different retention policies for backup images replicated locally versus replicated offsite. Users can recover in minutes by pre-staging their local backups into a virtual or other machine for standby failover.

Features and Benefits

Features	Benefits
Offsite Replication	Arcserve intelligentFTP® technology enables you to transfer only the files you choose to your designated offsite location. Users can transfer every incremental file or just a single, collapsed daily file
Cloud Replication	Replicate backup images safely and securely to Amazon S3 or the Arcserve Cloud directly from Arcserve ImageManager
Rapid Recovery	Recover in minutes with Arcserve HeadStart Restore® technology by pre-staging your local backups into a VMWare or Microsoft Hyper-V virtual machine for standby failover. The standby volume stay up to date because Arcserve ImageManager populates each incremental backup into the virtual server
Advanced Image Verification	Automatically boot each backup image using Arcserve VirtualBoot™ technology and capture a screenshot of the machines login screen for delivery as an email alert
Standard image Verification	Each image file is automatically verified for integrity at time of creation and can be scheduled for reverification to ensure continued recoverability
Image Collapse and Consolidation	Streamline backup image management by collapsing and consolidating daily, weekly, and monthly backups
Backup Store Management	A single managed folder can automatically apply policy settings to each of its subfolders, allowing subfolders to inherit the settings of the parent backup store



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- Forbes Magazine

Take the Next Step



Find out more at arcserve.com, contact us at info@arcserve.com or view our global office contact information here.

About Arcserve

Arcserve, a global top 5 data protection vendor, provides the broadest set of best-in-class solutions to manage, protect and recover all data workloads, from SMB to enterprise and regardless of location or complexity. Arcserve solutions eliminate complexity while bringing best-in-class, cost-effective, agile, and massively scalable data protection and certainty across all data environments. This includes on-premises, cloud (including DRaaS, BaaS, and Cloud-to-Cloud), hyperconverged, and edge infrastructures. The company's nearly three decades of award-winning IP, plus a continuous focus on innovation, means that partners and customers, including MSPs, VARs, LARs, and end-users are assured of the fastest route to next-generation data workloads and infrastructures. A 100% channel-centric organization, Arcserve has a presence in over 150 countries, with 19,000 channel partners helping to protect 235,000 customers' critical data assets. Explore more at arcserve.com and follow @Arcserve on Twitter.

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