

Symantec Backup Exec 2010 vs. CA ARCserve Backup 15

Overview of ARCserve

On May 5, 2010, CA announced the ARCserve 15 family of products. The four key components include ARCserve Backup, ARCserve D2D, ARCserve Replication and ARCserve High Availability. Below is a brief overview of each.

- ARCserve Backup 15 is the successor to ARCserve 12.5 and the traditional competitor to Backup Exec. Key enhancements in this release include granular recovery of SharePoint and Active Directory, enhanced deduplication and protection for virtual environments.
- ARCserve D2D 15 is a new product from CA that provides a more light weight disk-to-disk imaging and recovery. This product will compete more directly with Backup Exec System Recovery.
- ARCserve Replication 15 and ARCserve High Availability are rebranded XOSoft applications that respectively provide replication functionality from physical to virtual environments and failover of mission critical applications Exchange and SharePoint.
- Note: This document focuses solely on ARCserve Backup 15. Other documents will be created to focus on the other ARCserve 15 products and their respective comparisons to Symantec solutions.

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Key Backup Exec Differentiators

With the release of ARCserve Backup 15, and its rejuvenated Recovery Management business unit, it seems that CA has transitioned from trying to catch up to Backup Exec to now offering a compelling product set. While ARCserve Backup 15 is CA's equivalent to Backup Exec 2010 in many aspects, Backup Exec offers the following advantages:

Symantec Key Differentiators/ Advantages	Business Benefit	Claims & Symantec Response
Client, media server and third party appliance deduplication	Easily adaptable to your environment. Quickly consolidate and reuse storage and reduce backup management resources.	CA Response: ARCserve introduced deduplication in the 12.5 release last year. Symantec Response: Backup Exec offers several adaptable ways to configure deduplication, including client (source), media server (target) and third party appliance deduplication across both physical and virtual environments. ARCserve offers media server, or target side deduplication, which may not be optimal for every customer environment. For example, client side deduplication occurs at the source before the data is transferred over the wire, reducing the amount of LAN/WAN traffic required for a give backup. Backup Exec also integrates with several third party appliances where the data deduplication process is managed by the appliance itself, taking the load off both the client and media server.
Integrated, unified file and email archiving	Improve backup and recovery times and easily manage data lifecycles.	CA Response: CA integrates with data archiving. Symantec Response: Symantec now has unified archiving technology (powered by Enterprise Vault technology) for both files and Exchange emails integrated into the Backup Exec product as well as a robust, stand-alone enterprise offering in Symantec Enterprise Vault. CA relies on third parties to provide this functionality to their customers.
Granular Recovery of Exchange from a single pass backup	Streamlines administration and conserves media as less disk storage is needed for daily, weekly, and monthly backups. It also eliminates the need for mailbox backups altogether.	CA Response: ARCserve can recover individual email messages and mailboxes. Symantec Response: ARCserve does "Brick-level Backup and Restore" using Microsoft's MAPI technology. "Brick-level" backup can be more time and media resource intensive and requires a second backup after the initial information store backup. With the Backup Exec Agent for Exchange, Symantec's patented Granular Recovery Technology (GRT) enables recovery a single file, email or the entire database from a single-pass backup –reducing storage consumption and administration time over CA.

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Market leading protection for VMware vSphere 4.0 and Microsoft Hyper-V R2	Comprehensive recovery of virtual and physical systems in minutes - from individual files to an entire virtual machine	<p>CA Response: ARCserve also supports the latest versions of VMware and Hyper-V.</p> <p>Symantec Response: Backup Exec has supported both of these market leading virtual platforms since the release of Backup Exec 12.5 in 2008. Backup Exec agents integrate with the host to protect an unlimited number of guest virtual machines. CA has implemented a "pay as you grow" licensing model by charging \$417 (USD) per guest VM⁴. Backup Exec provides a licensing model whereby a single agent can be used to backup and unlimited number of guest VMs running on a single host machine. Backup Exec 2010 was also first to market with the ability to perform granular recovery of Exchange, SharePoint or Active Directory from a single pass backup of the virtual environment.</p>
Automatically backs up open files with the base, core product (no additional option required)	Out of the box support for every machine, ensuring critical files are protected and secure.	<p>CA Response: ARCserve also has the ability to protect open files.</p> <p>Symantec Response: Backup Exec provides protection for open files right out of the box with the base, core product and every remote agent. CA offers the purchase of the "Open File Option" at a price of \$954 USD MSRP (per machine) in order to protect open files⁴.</p>
Market leading backup and recovery technology	Scalable, reliable, market leading backup and recovery technology that customers have relied on for over two decades.	<p>CA Response: CA has 5% market share.</p> <p>Symantec Response: With 40% share of the backup and recovery market (Gartner 2010), Symantec's position supports the fact that we are trusted by customers around the world.</p>

Business value of Backup Exec

Backup Exec reduces business downtime, and helps ensure critical information on virtual or physical systems is always protected and can be restored in seconds. High-performance agents and options provide fast, flexible granular recovery, and scalable management of local and remote server backups.

Backup Exec™ 2010 delivers reliable backup and recovery designed for growing businesses. Customers can easily protect more data while you reduce storage and management costs and improve their overall backup performance through integrated deduplication (using NetBackup™ PureDisk technology) and archiving technology (powered by Enterprise Vault™).

Backup Exec 2010 provides integrated protection for the latest Windows environments including, Windows 7, Windows Server 2008 R2, Hyper-V R2 and Exchange 2010 to ensure new and existing Microsoft environments are protected from day one. Customers can easily reduce business downtime with unmatched technology designed to recover critical Microsoft applications like Exchange, SQL, SharePoint and Active Directory environments along with VMware and Microsoft Hyper-V virtual environments in seconds. From a single-pass backup, customers can restore an entire application or recover a granular email or individual file/folder quickly, plus eliminate their backup window and experience reliable point-in-time recovery with continuous data protection technology.

Backup Exec also delivers centralized management to easily extend the backup infrastructure across a distributed environment and remote offices so your server and desktop data protection is easily managed from a central office as the business grows. Backup Exec also efficiently manages both Windows and non-Windows systems through a single console including UNIX, Linux, MAC, and NetWare, including remote media server support for Linux servers. Overall, Backup Exec 2010 is designed to readily optimize any Windows data protection strategy – helping customers protect more data while utilizing less storage - saving both time and money.

Key Questions to Ask About

1. Would you like to improve your overall backup performance while reducing your storage and management costs? Backup Exec's integrated, flexible Deduplication Option and unified File and Exchange Email Archive Options can help you do this.

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2. Is your Exchange Backup Window a challenge? Would you like to eliminate the need for Exchange Mailbox Backups Forever? With the Backup Exec Agent for Exchange, IT administrators can now completely eliminate regular Exchange mailbox backup windows. This has the added benefit of streamlining administration and conserving media storage as less disk storage is needed for daily, weekly, and monthly backups.
3. Are you implementing virtual systems in your environment? Does your current backup and recovery strategy protect your virtual systems with a single agent for your entire VMware vSphere 4.0 or Hyper-V R2 host environment? Can you recover granular application data from Exchange, SQL or Active Directory from a single pass backup of your virtual environment? Backup Exec 2010 supports the latest versions of VMware and Hyper-V and enables granular recovery of Exchange, SharePoint or Active Directory from a single-pass backup of the virtual environment.
4. How important is it to you to implement a market leading solution to protect and recover your mission-critical data? Symantec is a recognized leader in Security, Availability and Compliance from the desktop to the datacenter. We have the leading Gartner market-share data to support the fact that we are trusted by customers around the world.²

How to get more information

- Visit the Counter CA competitive page on SCORE: <http://score.corp.symantec.com/competitors/35>
- Go to www.backupexc.com today and get access to white papers, datasheets, customer success stories and more!
- Download a fully functional 60-day trial if Backup Exec today from www.backupexc.com.

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1. "CA ARCserve Backup r12.5 – Password Management", http://www.arcserve.com/Files/TechnologyBriefs/ca_arcserve_r12_5_password_management_204254.pdf
 2. CA Press Release, April 27, 2009; "CA Enables Lean IT to Help Maximize Value and Minimize", <http://www.ca.com/us/press/release.aspx?cid=203332>
 3. CA PRODUCT BRIEF: "CA ARCSERVE BACKUP R12.5", www.ca.com
 4. CA FACT SHEET: "CA ARCSERVE BACKUP R12.5" www.ca.com