



Overview

Country or Region: United States

Industry: Data Management Software and Services

Partner Profile

CommVault is a leading provider of enterprise data management solutions, including software that helps companies back up and recover e-mail. The company, based in Oceanport, New Jersey, is a Microsoft® Gold Certified Partner.

Business Situation

CommVault needed to ensure that its backup and recovery products could deliver the performance and management that customers require when deploying Microsoft Exchange Server 2007.

Solution

CommVault worked with Microsoft in the development of Exchange Server 2007 to optimize their 64-bit versions of software so QiNetix would work seamlessly with the new server products.

Benefits

- Higher performance
- Enhanced management of archived e-mail
- Content & Compliance solution
- Easy migration of messaging systems

CommVault Systems Enhances Performance, Availability of Exchange Server-based E-Mail

“Users will have quick, easy access to all of their archived e-mail, so companies can help increase the productivity of their information workers.”

Randy De Meno, Chief Evangelist for Windows Technologies, CommVault Systems

CommVault is a leading provider of Unified Data Management® solutions for enterprises, including backup, recovery, archiving, content and compliance solutions for messaging environments running on Microsoft® Exchange Server. Because Exchange Server plays such an important role in enterprises, CommVault needed to ensure that its QiNetix suite of software products would perform seamlessly with Exchange Server 2007 and the environment it resides in. CommVault worked closely with Microsoft in the early stages of server development. The result is an enhanced ability to assist and accelerate Exchange Server upgrades. QiNetix manages the backup, recovery, active migration and archiving processes for e-mail. This includes quick access to archived e-mail messages created with older versions of Exchange Server, easier backup and archiving of current messages, and faster overall performance with 64-bit computing.

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Randy De Meno, Chief Evangelist for Windows Technologies, CommVault

Situation

CommVault provides Unified Data Management™ solutions designed to ensure high-performance data management, universal availability of information, and simplified management of complex storage networks. The company is a Microsoft® Gold Certified Partner was a finalist for the 2006 Microsoft Technology Innovation Partner of the Year Award. Based in Oceanport, New Jersey, CommVault focuses on creating and implementing fast, reliable, and easy-to-use solutions to meet customers' data management requirements. The company's primary offering is the QiNetix software suite, which includes the Galaxy backup and recovery software. The QiNetix products deliver reliable, rapid restoration of files, business-critical applications with quick granular management of messages, contacts, calendar items, documents, objects & attributes, other granular items, full databases and servers.

Although CommVault serves a broad range of companies, including those in small markets, its typical customers are middle market and large enterprises operating tens of thousands of mailboxes and billions of messages. Increasingly, these large corporate customers are requesting data management solutions from CommVault that can solve a number of issues.

First, the increasing number and size of e-mail messages used daily in major enterprises demand greater performance for the messaging systems as well as for backup and recovery operations. Second, companies also are in need of technology that can help meet compliance regulations such as the Sarbanes-Oxley Act and the federal Health Insurance Portability and Accountability Act (HIPAA), which often require an organization to be able to recover e-mail messages based on content that may be several years old.

Finally, companies want to know that their backup and recovery operations will be relatively smooth when they migrate to new messaging systems, such as moving from older versions of Microsoft Exchange Server—the predominant messaging software among CommVault customers—to Microsoft Exchange Server 2007.

Solution

To meet the needs of its customer base, CommVault began early to ensure that its backup and recovery solutions would work seamlessly with Exchange Server 2007. In particular, the company worked closely with the Microsoft Exchange Server development team to ensure that the 64-bit versions of the CommVault QiNetix software would work properly from the moment that the full production version of Exchange Server 2007 is released to the market.

These products include DataMigrator, which helps IT administrators efficiently manage mailbox quota limitations and the size and growth of the Exchange Information Store; the Galaxy Backup and Recovery software; DataArchiver, which provides management and accessibility tools for archived e-mail; ContinuousDataReplicator (CDR) for remote office & disaster recovery data protection for Exchange Server and the Windows Server environment the Exchange Server resides in; and QuickRecovery, for snapshot management of array-based and software snapshot technologies leveraging the VSS framework.

Benefits

By working early on with the Microsoft Exchange Server development staff, CommVault will be able to offer numerous benefits to its customers when Exchange Server 2007 is launched. Customers will see significant performance gains with both the messaging system and the data management processes running on 64-bit systems; CommVault was a

Microsoft 64-bit launch partner and QiNetix has been optimized to take advantage of the Windows® operating system 64-bit architecture.

Customers will also gain enhanced capabilities for managing archived e-mail messages, moving older messages off the primary messaging servers while retaining the ability to quickly recover them when needed. And finally, enterprises will be able to migrate from older versions of Exchange Server to Exchange Server 2007 with minimal or no disruption to their backup and recovery processes.

Higher Performance

Randy De Meno, CommVault's Chief Evangelist for Windows Technologies, says the performance increase provided by the 64-bit versions of the company's software in combination with Exchange Server 2007 will be particularly beneficial for corporate customers who have very large messaging systems.

"Microsoft IT is one of our customers and they reported seeing a quadrupling of its backup and storage processes using CommVault and a beta version of Exchange Server 2007," De Meno says. "This is critical, because it gives customers with very large messaging systems the ability to efficiently handle the huge and increasing volume of message traffic that is going through their networks."

De Meno says he expects that many customers will also want to take advantage of the Cluster Continuous Replication (CCR) in Exchange Server 2007. CCR increases availability of data using replication in an active/passive cluster. Data recorded on the active server node is copied to the passive server node, so customers have a copy of not only server configuration and settings but data as well.

Enhanced Management of Archived E-Mail

De Meno says the combined functionality of CommVault software and Exchange Server 2007 will make it easier for enterprises to manage the e-mail archiving process.

"With Exchange Server 2007, a lot of companies that not only have written e-mail messages but also voice mail that needs to be stored will consider deploying unified messaging," De Meno says. "This unified messaging capability is great. But when you take into account how many voice mails may be stored by customers, some companies may not want to have all of them backed up. So we're delivering the capability to pick and choose. We can offer the ability to be selective in terms of what gets backed up and / or archived."

CommVault has also streamlined the way that older e-mail is archived, making it easier for customers to remove older or less-used messages from their main Exchange Server system, or more easily set limits on the number or size of individual mailboxes. Yet the CommVault software makes it easy for users to quickly locate and retrieve archived e-mail messages when necessary by simply using their native Outlook interface that the user is already familiar with.

Easy Migration of Messaging Systems

It is important for CommVault customers to be able to transition easily from older versions of Exchange Server to Exchange Server 2007 without seriously affecting their operations—or losing e-mail messages.

"Exchange Server has been available for a long time now, and a lot of our customers will need to be able to make that transition smoothly," De Meno says. "This is especially true for companies that need to adhere closely to compliance rules. They need to know that they can still easily access e-mail messages that were created on Exchange

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Server 2003, Exchange 2000 Server, or even Exchange Server 5.5. Fortunately, if they have messages that were created using an older system, QiNetix can recall it into Exchange Server 2007 without any interruption whatsoever. CommVault enables the Exchange data to be 'release independent'".

De Meno says the same benefit applies to customers using Microsoft Office SharePoint® Portal Server as their public folder repository. "From our perspective, It's important that organizations can use a single data management product to manage both Exchange Server and SharePoint Portal Server simultaneously," he says. "We give IT administrators a single interface to manage the entire messaging and collaboration environment—you won't need multiple data management products for each application."

The result, De Meno says, is that CommVault and Exchange Server 2007 will combine to deliver benefits to both users and administrators. "Users will have quick, easy access to their archived e-mail, helping companies to increase the productivity of their information workers," he says. "Meanwhile, the IT department can easily set and enforce quotas on mailboxes while getting a better performing Exchange Server system without adversely affecting the end users."

Microsoft Server Product Portfolio

For more information about the Microsoft server product portfolio, go to: www.microsoft.com/servers/default.aspx

Software and Services

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