



What's New

New Feature Information for NetApp Syncsort Integrated Backup and Syncsort BEX

The latest versions of NetApp Syncsort Integrated Backup (NSB) and Syncsort BEX use the BEX 3.4.1 software release. This release is available immediately as a General Availability (GA) release for all customers.

NSB/BEX 3.4.1 Release

| FEATURE | DESCRIPTION | BENEFIT |
|------------------------------------|---|---|
| Application Support | | |
| Microsoft SharePoint 2007 and 2010 | Data protection support is added for Microsoft SharePoint 2007 and 2010. | <p>Advanced SharePoint Support</p> <p>Users can now easily and reliably protect SharePoint environments, whether single servers or extended SharePoint farms. Recovery can be at the level of physical server, database, site and individual item(s).</p> |
| Exchange 2010 SP1 Support | Data protection support is added for Microsoft Exchange 2010 SP1. | <p>Extends Application Support</p> <p>Extends NSB/BEX support to the latest Microsoft Exchange platform. Includes support for Exchange Mailbox Recovery tool for item-level Exchange recovery.</p> |
| Lotus Domino Server 8.5.2 | Data protection support for Lotus Domino on Windows and Linux. File level support only. | <p>Extends Application Support</p> <p>Extends NSB/BEX support for file level backups of Lotus Domino Server.</p> <p>Note: Support scheduled for August 2011 service pack release.</p> |
| Virtualization Enhancements | | |
| Linux support | Adds Full and Instant Virtualization support for the Linux OS. | <p>Extends Key Recovery/Migration Feature to Linux</p> <p>The ability to rapidly restore any backup as a virtual machine, or to migrate physical system backups to VMs, is extended to the Linux operating system. This delivers significant new value to end users.</p> |

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| Rapid Return to Production | A Full Virtualization and P2V migration enhancement that creates a Virtual Machine from a snapshot while transferring data in the background to a new VMDK. | <p>Speeds Virtual Machine Creation and Migration Process</p> <p>Rapid Return to Production (RRP) can save hours or even days when creating or migrating virtual machines. As part of the Full Virtualization process, RRP allows a VM to be quickly brought on-line using a snapshot. Data is then transferred in the background to a full VMDK on primary storage. By leveraging VMware Storage Vmotion, operations are switched from the snapshot-based VM to the new, fully populated VMDK without the need for any VM downtime.</p> |
| P2V Storage Alignment | Ensures that virtual machine storage blocks are aligned with underlying disk storage. | <p>Enhanced VM Performance</p> <p>When physical systems are migrated to virtual machines, there may be a misalignment between the storage blocks at the OS level and the physical disk storage. This can cause significant performance degradation. NSB/BEX P2V migration makes sure all storage alignment is correct, ensuring optimal performance.</p> |
| OS Support | | |
| Windows 7 Server | Data protection support is added for Windows 7 (64 bit) clients (Professional, Enterprise, Ultimate). | <p>Extends OS Support</p> <p>Allows users to extend all NSB/BEX advanced data protection and recovery features to 64-bit Windows 7 clients.</p> <p>Note: For use of Windows 7 as a server operating system only.</p> |
| Red Hat Enterprise Linux (RHEL), CentOS and Oracle Linux (OL) 5.5 and 5.6 | Data protection support is added for RHEL, CentOS and OL 5.5 and 5.6 clients. Includes file and block backup with support for EXT2 and EXT3. | <p>Extends OS Support</p> <p>Allows users to extend all NSB/BEX file and block data protection and recovery features to RHEL, CentOS and OL 5.5/5.6 clients.</p> |
| SUSE Linux Enterprise Server (SLES) 11 SP1 | Data protection support is added for SLES 11 SP1. Includes file and block backup. | <p>Extends OS Support</p> <p>Allows users to extend all NSB/BEX advanced data protection and recovery features to SLES SP1 clients.</p> |
| OES2 SP3 | Data protection support is added for OES2 SP3. File level backup only. | <p>Extends OS Support</p> <p>Allows users to extend all NSB/BEX file level data protection and recovery features to OES2 SP3 clients.</p> |
| Red Hat Enterprise Linux (RHEL) and Oracle Linux (OL) 6.0 and 6.1 | Data protection support for RHEL and OL 6.0 and 6.1. Includes file and block backup, EXT3 and EXT4 file system support. | <p>Extends OS Support</p> <p>Allows users to extend all NSB/BEX file and block data protection and recovery features to RHEL and OL 6.0/6.1 clients.</p> <p>Note: EXT3 file system supported in August 2011 service pack. EXT4 supported in September 2011 patch.</p> |
| SUSE Linux Enterprise Server (SLES) 10 SP4 | Data protection support is added for SLES 10 SP4. Includes file and block backup. | <p>Extends OS Support</p> <p>Allows users to extend all NSB/BEX advanced data protection and recovery features to SLES 10 SP4 clients.</p> <p>Note: Supported in September 2011 patch.</p> |

| FEATURE | DESCRIPTION | BENEFIT |
|--|---|--|
| NDMP Data Encryption Enhancements | | |
| NDMP tape encryption | Hardware encryption of NDMP backup tapes is supported for tape drives attached to a NetApp storage system. | Improves Security Extends tape encryption to tapes created via NDMP export from NetApp systems. This provides additional security for archived tape data in the event a tape is lost, stolen, etc. |
| Installation and Tools | | |
| Windows client silent install | Silent installation through new winsilent.bat utility. Supports installation of an NSB/BEX Master Server or Client on supported Windows machines. | Extends Support and Improves Scalability Silent installation simplifies installation across multiple systems and helps insure uniform settings across installs. |
| Catalog migration wizard | Migrates an NSB/BEX catalog from one Master Server to another. | Ease of Use Catalog migration is useful when the Master Server hardware platform needs to be changed or upgraded, or if NSB/BEX is upgraded to a release that no longer supports the current Master Server platform. The wizard ensures the integrity of the migrated catalog and saves significant time compared to manual methods. |

About NetApp

NetApp creates innovative storage and data management solutions that deliver outstanding cost efficiency and accelerate business breakthroughs. NetApp's passion for simplicity, innovation, and customer success helps companies around the world go further, faster. To learn more about NetApp please visit netapp.com.



Strategic Alliance Partner

About Syncsort

Syncsort is a global software company that helps the world's most successful organizations rethink the economics of data. Syncsort provides record-setting performance and rapid time to value through easy to use data integration acceleration and data protection solutions. With over 15,000 deployments, Syncsort has transformed decision making and delivered more profitable results to thousands of customers worldwide. For more information visit: www.syncsort.com.

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