INNOVATIVE DATA PROTECTION

At VERITAS Software, we are pleased to offer data protection solutions for leading databases and applications. VERITAS NetBackup software, together with vendor-specific agent technology, leverages native APIs and/or interfaces for high performance, online backup and recovery. In short, no other vendor today provides the same breadth of solutions, across leading platforms, to address the complex challenges of database and application backup and recovery.

IBM DB2 UDB UNIVERSAL DATABASE

NetBackup software works with DB2’s native backup and recovery utilities to protect DB2 databases and archive logs. Backup and recovery operations may be performed either locally or remotely, and organizations can centrally manage all aspects of backup and recovery for database and non-database files from the intuitive NetBackup graphical user interface (GUI).

Product Highlights
- **Flexible Backup Options** – Supports online Full or Incremental database backup and backup of archive logs via the user exit program.
- **Scheduling Facilities** – Leverage the NetBackup scheduler for automated, unattended DB2 backups.
- **Wizard-Based Configuration** – Step-by-step configuration of DB2 backup and recovery via an intuitive, graphical, wizard-based interface.

IBM INFORMIX DYNAMIC SERVER

VERITAS NetBackup software provides complete data protection for IBM Informix Dynamic Server and IBM Informix Extended Parallel Server running on many of today’s popular operating platforms. NetBackup software, in conjunction with the Informix ON-Bar utility, provides a methodology to help ensure that business-critical Informix applications are safely backed up and can be recovered quickly.

Product Highlights
- **Continuous Logical Log Backup** – Configure automated logical log backup to help prevent logical logs from filling up and locking up the database server.
- **Flexible Backup Options** – Backup and restore at the dbspace, blobspace, and logical log file level.
- **Parallel Backup and Restore** – Enables administrator to run more than one tape device at a time for a single Informix backup or restore, helping reduce the time necessary to complete the operation.

IBM LOTUS NOTES & DOMINO SERVER

VERITAS Software offers high performance backup and recovery for Lotus Notes and Domino Server with VERITAS NetBackup for Lotus Notes. Administrators may leverage intuitive GUIs to help set consistent backup policies across the enterprise and to quickly identify critical Lotus files or databases when they need to be restored.

Product Highlights
- **Backup Method Flexibility** – Support for scheduled, unattended backups, manual backups, and user backups, which allow end users to back up and restore pre-specified Lotus data.
- **Alternate Restoration Techniques** – With backups not tied to a specific backup server, NetBackup software may restore Lotus data either on an alternate system or in an alternate directory.
- **Advanced Lotus Integration** – Support for partitioned Lotus servers and Lotus clustering.

MICROSOFT EXCHANGE SERVER

VERITAS Software recognizes the need for non-disruptive mechanisms to protect Exchange data, along with all data in the enterprise. VERITAS NetBackup for DB2 offers an integrated wizard to help simplify configuring DB2 backup and recovery.
NetBackup for Microsoft Exchange helps provide the performance and flexibility required for effective backup and recovery operations within large Exchange environments.

**Product Highlights**

- **Online Backup** – Complete, non-disruptive protection of Exchange database and mailbox components, including incremental mailbox backup.
- **Flexible Restore Options** – Rapid, granular recovery of databases and mailboxes, including support for performing individual message restores.
- **Advanced Exchange Integration** – Leverage advanced features, including Single Instance Store (SIS), global exclusion, and storage group multiplexing, and Volume Shadow Copy Services (VSS) with VERITAS NetBackup™ Advanced Client.

**MICROSOFT SHAREPOINT PORTAL SERVER**

VERITAS NetBackup for SharePoint Portal Server extends the capabilities of VERITAS NetBackup software to include online backups and restores of a Microsoft SharePoint Portal Server installation.

**Product Highlights**

- **Flexible Restore Options** – Restore individual workspaces or documents. In addition, restores can be directed to the original location or to a different path or client.

**MICROSOFT SQL SERVER**

When it comes to Microsoft SQL Server backup and recovery, VERITAS Software has a clear goal in mind – simplify the complexity of database backup while increasing availability. VERITAS NetBackup software does this by interfacing to standard Microsoft backup APIs and by providing a storage management solution complete with essential tools and resources necessary for protecting SQL Server databases.

**Product Highlights**

- **Flexible Data Protection Options** – Backup and recovery of databases, differentials, files, filegroups, and transaction logs.
- **Point-in-Time Recovery** – Recovers SQL databases to the exact point in time or transaction log mark by rolling forward only the transactions that occurred prior to a user-specified date and time.
- **Database Multistreaming** – Direct multiple data streams to one or more storage devices simultaneously to maximize backup performance.

**ORACLE DATABASE**

VERITAS NetBackup for Oracle integrates Oracle Recovery Manager (RMAN) with VERITAS NetBackup software and its media manager. The result is online high performance backup and recovery for Oracle environments, including Oracle Real Application Clusters (RAC). While VERITAS Software continues to demonstrate performance leadership in this space – VERITAS NetBackup software was the first to eclipse both the 1 terabyte per hour and 2 terabyte per hour Oracle backup barriers – we also continue to help redefine Oracle backup and recovery.
Today, VERITAS Software offers an unprecedented **seven** different techniques for protecting Oracle databases, from integrated archiving capabilities to off-host backup.

**Product Highlights**

- **Backup and Restore Flexibility** – Backup and restore Oracle at the database, tablespace and data file level. Archived redo logs also protected.
- **XML Archiving** – Integrated capability enables the archiving of Oracle data in XML format for long-term storage. The resulting archive is not tied to Oracle version or Operating System (OS) version, helping to mitigate risks associated with incompatibilities that may be attributed to long-term database or OS changes.
- **Wizard-Based Configuration** – Integrated wizard on UNIX, Windows and Linux simplifies configuring Oracle backup or recovery by automating the creation of RMAN scripts.

VERITAS NetBackup for Oracle offers integrated XML archiving to help address long-term Oracle data retention.
SAP
The integration of VERITAS NetBackup for SAP with the SAPDBA administrative interface, along with the “BR” backup and recovery commands, provides a solid, SAP-centric data-protection solution for customer-specific configurations on UNIX, Windows and Linux platforms.

Product Highlights
• Centralized Backup Operations – Centralized management dramatically reduces the cost of backing up large SAP environments.
• Database Support – Support for Oracle and SAP DB databases in SAP environments.
• Interface Integration – The NetBackup integration with SAPDBA leverages existing knowledge of the SAPDBA GUI to lower training costs. NetBackup software also supports the full set of SAP BACKINT “BR” commands.
• Flexible Implementation – Perform database operations through NetBackup software, or use the SAP Tools (SAPDBA interface)

SYBASE
VERITAS NetBackup software, together with VERITAS NetBackup for Sybase, offers high performance backup and recovery for Sybase Adaptive Server Enterprise (ASE) databases on leading UNIX and Windows platforms.

Product Highlights
• Powerful Scheduling – Schedule automatic, unattended full or incremental backups.
• Parallel Backup & Recovery – VERITAS NetBackup for Sybase supports the parallel backup and restore capabilities of the Sybase ASE Backup Server. This permits the user to run more than one tape device at a time for a single Sybase ASE backup or restore, helping reduce the time necessary to complete the operation.
• Track Backup History – Detailed views of backup history simplify restores, as backups of databases and transaction logs are easier to track.

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Note 1: For the latest software and hardware compatibility information, please see the Compatibility Lists at [http://www.support.veritas.com](http://www.support.veritas.com) or contact your VERITAS sales representative or authorized VERITAS reseller.