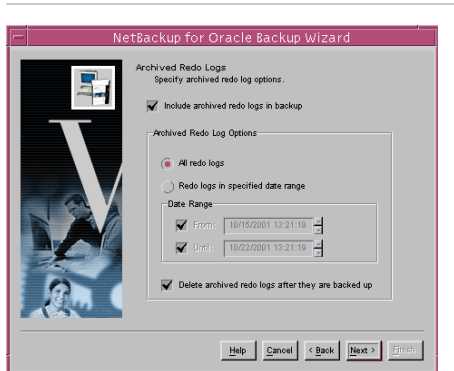
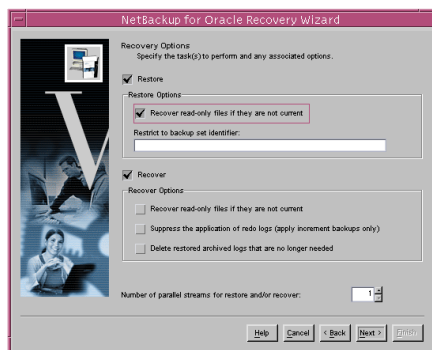


VERITAS NetBackup™ for Oracle



The Oracle Backup Wizard Archived Redo Logs screen provides greater control over how the archived redo logs are processed during and after a backup.



The Oracle Recovery Wizard Recovery Options screen provides a variety of choices for restore and recovery scenarios.

“VERITAS and Oracle are working closely together to optimize the availability, manageability and performance of database infrastructure for our joint customers. Our customers require scalable solutions that are engineered to ensure interoperability and business continuity, so we continue to work with VERITAS to provide these capabilities for Oracle9i.”

— **Michael Rocha**
Senior Vice President,
Platform Technologies Division,
Oracle Corporation

Redefining Enterprise Backup and Recovery

When it comes to Oracle backup and recovery, VERITAS has one goal — simplifying the complexity of database backup and recovery while increasing availability. **VERITAS NetBackup™ for Oracle** does this by interfacing with Oracle Recovery Manager (RMAN). Oracle RMAN provides a methodology for ensuring that business-critical Oracle applications are safely backed up and quickly recovered. In addition, NetBackup is the first Oracle backup solution to break the 1 terabyte-per-hour barrier, thus demonstrating performance leadership.

VERITAS NetBackup DataCenter™ and VERITAS NetBackup BusinessServer™ provide complete data protection for Oracle running in Windows, UNIX and Linux environments. Organizations can centrally manage all aspects of backup and recovery for database and nondatabase files from intuitive, graphical user interfaces, thus allowing consistent backup policies to be set across the enterprise. NetBackup’s “data center” strength media management enables organizations to perform all aspects of media management, including library sharing. In addition, NetBackup’s Java interface provides complete real-time and historical analysis of all backup and recovery operations. In fact, NetBackup is used by Oracle internally.

Product Highlights

- **Online, Nondisruptive, Full, Differential and Cumulative Incremental Backup** — Is available via flexible backup options while also keeping systems online.
- **Backup of Critical Oracle Files, Including Control Files** — Backups capture all of Oracle’s metadata along with the critical database data.
- **Backup and Restore at the Database, Tablespace and Data File Levels** — VERITAS NetBackup offers tremendous flexibility in its backup and restore functionality for Oracle databases. This level of granularity means that Oracle databases will have the highest levels of availability.
- **Archived Redo Log Backup and Rapid Recovery** — Oracle databases cannot be recovered without the Archived Redo Logs, and NetBackup ensures that these are fully protected.
- **Simplified, One-Step Recovery** — Unlike conventional Oracle Backups that can require numerous steps, VERITAS NetBackup can recover and restore Oracle databases in one easy step.

NEW! NetBackup for Oracle and Checkpoint/Restart

NetBackup for Oracle now supports the Backup and Recovery Checkpoint/Restart functionality that comes with Oracle9i (called Resumeable Backup and Restore by Oracle Corporation). This



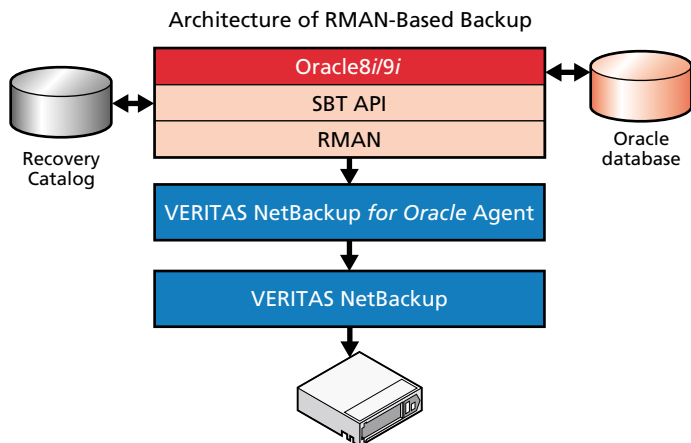
allows the NetBackup for Oracle user to resume a backup from the point where the initial backup failed. For example, if a backup fails after it has completed backing up 80 percent of the Oracle9i data files, the NetBackup for Oracle user will now have to back up only the remaining 20 percent. This results in more-efficient and quicker backups after a failure. Oracle9i database performance will improve since the machine will not be used as frequently for backups. This is important as database backup windows are rapidly decreasing and corporate IT resources must be used more efficiently.

NEW! GUI-Based Oracle RMAN Script Generation Wizard for Easy Backup and Recovery Script Creation

The new GUI-based Oracle RMAN Script Generation Wizard that comes with the NetBackup for Oracle agent makes it easy and efficient to create Oracle backup and recovery scripts. The Wizard allows the user to specify the appropriate information needed to create backup policies, including the selection of data that will be backed up, the type of backup performed, the backup schedule that will be used and the setting of the RMAN I/O values and backup-set limits.

Oracle-Aware Solution Ensures Robust, Reliable Backups

VERITAS NetBackup for Oracle manages all the backup information required for a successful restore, including information stored outside the database itself, such as Archived Redo Logs and the Oracle control and configuration files. On recovery, the RMAN utility determines which files are required and interacts with NetBackup to restore the appropriate data. NetBackup notifies the administrator of successful backups by e-mail. If a backup or recovery process fails, it can be restarted at the point of failure. NetBackup also provides a variety of backup reports to help administrators track backup and recovery status.



The flexible architecture of NetBackup for Oracle backup and recovery

About VERITAS: VERITAS Software Corporation (Nasdaq:VRTS) provides essential data availability software solutions that enable customers to protect and access their business-critical data for business without interruption.

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VERITAS NetBackup Family

VERITAS NetBackup™ for Oracle is part of the NetBackup™ family of data protection solutions, which includes **VERITAS NetBackup DataCenter™**, **VERITAS NetBackup BusinessServer™**, **VERITAS NetBackup Professional™**, **VERITAS Backup Exec™** and **VERITAS NetBackup Storage Migrator™**.

The VERITAS NetBackup™ family is the leading backup and hierarchical storage management software designed for networked computing environments, scalable from the desktop to the data center. The NetBackup™ family manages storage capacity and safeguards the integrity of corporate data on all leading platforms and databases. In addition to delivering superior enterprise-class storage management, VERITAS Software ensures fast, reliable and consistent data recovery for businesses of any size.



Redefining Enterprise Backup and Recovery

System Requirements

VERITAS NetBackup Solutions

- NetBackup Client 3.4, 4.5
- NetBackup Server 3.4, 4.5

Oracle Database Systems, Interfaces and Platforms

- Oracle9i (and later), interface: RMAN
 Platforms supported: Sun Solaris, HP-UX, IBM AIX, Microsoft Windows, Compaq Tru64 UNIX, Red Hat Linux, SuSe Linux
- Oracle8i, interface: RMAN
 Platforms supported: Sun Solaris, HP-UX, IBM AIX, Microsoft Windows, Compaq Tru64 UNIX, Red Hat Linux, SuSe Linux, SGI IRIX, IBM DYNIX/ptx
- Oracle 8.0.x, interface: RMAN
 Platforms supported: Sun Solaris, HP-UX, IBM AIX, Microsoft Windows, Compaq Tru64 UNIX, SGI IRIX, IBM DYNIX/ptx, Data General DG/UX, NCR MP-RAS

For additional information about VERITAS Software, its products, or the location of an office near you, please call our corporate headquarters or visit our Web site at www.veritas.com.