BACKUP & RECOVERY
FOR ORACLE® DATABASE

Highlights

INTEGRATED – Recover Oracle, Oracle RAC, Oracle ASM and Oracle Guard environments with near-zero production impact and detect corrupt blocks during backup with integrated RMAN Block Recovery capabilities.

FAST – Recover Oracle environments faster without creating and managing scripts or learning numerous administrative tools.

EFFICIENT – Oracle backup windows are shortened using integrated deduplication and automated storage tiering and archiving.

PRODUCTIVE – Gain clear insights with integrated reporting and analytics to help manage your Oracle protection operations proactively.

UPTIME – Achieve service levels more readily and reliably with granular recovery for individual tables, databases, and even out of place restores for cloned copies.

AVAILABLE – Achieve service levels more readily and reliably with granular recovery for individual tables, databases and even out of place restores for cloned copies.

CommVault, an Oracle Platinum Partner, offers data protection software for Oracle Database. By deploying Simpana® software, Oracle databases and mission-critical business applications can be protected efficiently – and within minutes. Supported configurations include single instance, Real Application Clusters (RAC), DataGuard, or Exadata systems. Its tight integration with RMAN allows administrators to choose between utilizing their own existing RMAN scripts or allowing CommVault to automatically create the RMAN script; whether the backup is online (hot), offline (cold), tablespace level, or Archived Redo Logs. Plus, Simpana software is fully integrated with the RMAN catalog. Locate, recover, and restore databases from backups that are stored on deduplicated disk, tape, or in the cloud via native RMAN commands.

Recover Faster
Backup and recovery are easy, too. IntelliSnap for Oracle places the database in a consistent state and manages the calls to the storage array for a volume level snapshot. In addition to the snapshot protection, the snapshot can then be mounted to a proxy and an additional RMAN streaming copy may be created – taking the workload off of the production host.

Reduce Risk
Simpana software replaces legacy approaches – which are often a collection of fragmented and expensive third-party tools. Instead, Simpana software is built on a single, modern software platform with deep integration into Oracle Database.

Benefits
- Leverage flexible recovery scenarios to meet your needs, including full database recovery (to a specific point-in-time or SCN—System Change Number), individual Tablespace, database table restore and database file.
- Shorten the time required to fully recover a database with the ability to make synthetic full backups. After an initial full database image backup, incremental backups are automatically applied to the full database backup.
- Deliver management flexibility and efficiency by initiating Simpana software backup processes from within Oracle OEM Grid Control.
- Auto-discover and backup new Oracle databases to ensure reliable protection without administrator involvement.
- Reduce troubleshooting time, gain clear insights, and manage your Oracle protection operations proactively with integrated reporting on Simpana trends, utilization, success rates and a host of other parameters designed to simplify data management.
- Eliminate redundant data at the source with network efficient, global deduplication.
- Create high speed recovery and secondary copies with no Oracle host impact while protecting Oracle, Oracle on Windows, and SAP/Oracle on Windows databases in a consistent manner. Produce snapshots and backups from a snapshot through Simpana IntelliSnap® hardware snapshot management operations that are then cataloged in RMAN.
- Benefit from mixed mode support for streaming log backups and snapshots of database files to be intermingled seamlessly for restoration.

SUGGESTED READING >> Dealing with the Complexities of Application-centric Data Management
A UBM Tech study about what IT decision-makers are worried about.
### Key Service Capabilities and Benefits

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<th>Component</th>
<th>Benefits</th>
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<tr>
<td>Single Platform Data &amp; Information Solution</td>
<td>Ensure that important features like Backup, Recovery, Replication, Archiving, Search and Reporting work seamlessly together with encryption and deduplication through a single software code base to reduce cost, improve reliability, and increase operational efficiency.</td>
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<td>Central Management</td>
<td>Securely protect, manage and access information through a single console wherever it resides; be it mobile workstations, remote offices, data centers, a recovery site, or multiple cloud storage providers. Simpana software is the industry’s only truly unified data management platform that reduces management complexity and helps meet your Recovery Time Objectives.</td>
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<td>Tiered Storage</td>
<td>Optimize your overall data management approach according to performance, solution cost and data value. No matter how you tier your storage, you can be assured of automated, policy-based movement, rapid, granular recovery and enterprise search capabilities.</td>
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<td>Rapid, Granular Recovery</td>
<td>Recover and access data wherever it resides, including directly from any tier to any target system from an online snapshot. One snapshot enables database, datafile, and archive log restores. Simpana 10 allows you to browse across multiple snapshots / backups at a granular object level. IntelliSnap technology enables snapshot management and restore across the broadest storage array compatibility matrix without custom scripting, plus you can minimize production system impact with built-in proxy capabilities for indexing, backup generation (including deduplication and encryption), granular access and recovery.</td>
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<td>4th Generation Deduplication</td>
<td>Leverage source and target-based, global deduplication to significantly reduces complexity, costs and overall storage and network usage for backup and archive data including the ability to dedupe to and recover from the cloud and tape. Scale from small, individual deduplication nodes up to large, multi-node databases with embedded, 4th generation, grid-based architecture deduplication. You can efficiently protect data in remote offices, data centers, and disaster recovery sites with a single, global solution.</td>
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<td>Simplified Cloning and Restore</td>
<td>Simpana software offers flexible, schedulable one-step options on NetApp® storage for cloning and refreshing Oracle databases, using alternate disk and alternate Oracle nodes. Simpana 10 is also integrated with RMAN to enable restored data to be connected to an alternate Oracle database node. This dramatically simplifies the process of creating duplicate copies of Oracle data, for testing, staging and for other operational purposes.</td>
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<td>Capacity Licensing</td>
<td>Pay for what you protect, no matter how complex the environment and software agents required. This dramatically simplifies the way you pay for data protection and retention. Simpana 10 also provides unprecedented visibility and ease of management through graphic dashboardsand customized reports. Because Simpana software is developed on a single code base, it is a simple matter to add capabilities that include content indexing, search, and eDiscovery.</td>
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<td>Comprehensive Reporting</td>
<td>Focus efforts on high priority activities. Simpana reporting allows you to quickly identify the status of your data protection environment, where hot spots may be developing, or where resources are being consumed.</td>
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<td>Consulting, Professional, Training and Support Services</td>
<td>Achieve the fastest time-to-value (TtV) for your data management investment through our full suite of CommVault Services. Our teams deliver industry expertise to maximize the value of your data management strategy, provide proven design, deployment, and installation of your Simpana software environment, can help improve the productivity and self-sufficiency of your technical staff, and deliver industry-leading product support and monitoring for your CommVault solution.</td>
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### Resources:

To learn how Simpana® software can help you protect and recover with application-aware snapshots, view this short video “Policy-based Protection and Recovery Using Snapshots.”

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