



# ► Backup & Recovery for Oracle® Database

## ► HIGHLIGHTS

Commvault® backup and recovery for Oracle Database protects mission-critical business applications while delivering the following benefits:

### 1 Integrated

Recover Oracle, Oracle RAC, Oracle ASM and Oracle Data Guard environments with near-zero production impact and detect corrupt blocks during backup with integrated RMAN block recovery capabilities.

### 2 Fast

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

### 3 Efficient

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

### 4 Productive

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

### 5 Available

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



**Dealing with the Complexities of Application-Centric Data Management<sup>1</sup>**  
A UBM Tech study about what IT decision-makers are worried about.

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## ADVANCED PROTECTION FOR ORACLE DATABASE

Commvault, an Oracle Platinum Partner, offers advanced data protection software for Oracle Database. By deploying Commvault software, Oracle databases and mission-critical business applications can be protected efficiently – and within minutes. Supported configurations include single instance, Real Application Clusters (RAC), Data Guard, 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, Commvault 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

Commvault software replaces traditional approaches – which are often a collection of fragmented and expensive third-party tools. Instead, Commvault software is built on a single, unified software platform with deep integration into Oracle Database.

## COMMVAULT SOFTWARE FOR ORACLE DATABASE ENABLES YOU TO:

- 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 Commvault 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 Commvault 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 host impact while protecting Oracle databases in a consistent manner. Produce snapshots and backups from a snapshot through Commvault 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 sequentially and seamlessly restored.

### Commvault IntelliSnap Technology<sup>2</sup>

Read about how Commvault's snapshot technology is a fast, efficient way to protect and recover data and applications.

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## ► KEY CAPABILITIES AND BENEFITS

COMPONENT	BENEFITS
Single Platform Data & Information Management Solution	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.
Central Management	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. Commvault software is the industry's only truly unified data management platform that reduces management complexity and helps meet Recovery Time Objectives.
Tiered Storage	Optimize overall data management according to performance, solution cost and data value. No matter how storage is tiered, be assured of automated policy-based movement, rapid, granular recovery and enterprise search capabilities.
Rapid, Granular Recovery	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. Commvault 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.
Global Deduplication	Leverage source and target-based, global deduplication to significantly reduce 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, next-generation, grid-based architecture deduplication. Efficiently protect data in remote offices, data centers and disaster recovery sites with a single global solution.
Capacity Licensing	Pay for what is protected, no matter how complex the environment and software agents required. This dramatically simplifies the way to pay for data protection and retention. Commvault software also provides unprecedented visibility and ease of management through graphic dashboards and customized reports. Because Commvault software is developed on a single code base, it is a simple matter to add capabilities that include content indexing, search and eDiscovery.
Comprehensive Reporting	Focus efforts on high priority activities. Commvault reporting allows users to quickly identify the status of the data protection environment, where hot spots may be developing, or where resources are being consumed.
Consulting, Professional Training and Support Services	Achieve the fastest time-to-value for data management investments through a full suite of Commvault Services. Our teams deliver industry expertise to maximize the value of your data management strategy and provide proven design, deployment and installation of your Commvault software environment. Services can also help improve the productivity and self-sufficiency of your technical staff, and deliver industry-leading product support and monitoring for your Commvault solution.



## ► RESOURCES

- 1 <http://commvau.lt/1XHdPyj>
- 2 <http://commvau.lt/1XHdPyj>

- To learn more about Commvault software's Oracle backup and recovery, please visit [commvault.com/Oracle](http://commvault.com/Oracle).

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