

# Modern Backup and Recovery for Oracle Database Environments

## Eliminate Infrastructure Complexity and Reduce Costs

### CHALLENGES IN PROTECTING ORACLE ENVIRONMENTS

Application owners and database admins face the arduous challenge of protecting databases that are growing in size at an unprecedented rate. Growing data volumes are a result of larger datasets, as well as stricter compliance and regulatory mandates requiring organizations to retain data for longer periods of duration. Legacy products were not designed to store large swaths of data, making them complex and cost prohibitive to operate.

Challenges with legacy backup approach include:

- Difficult to scale complex, multiple point solutions to accommodate growing datasets
- Long RTOs, which can lead to revenue and productivity losses
- Long RPOs, which can affect the likelihood of data loss
- Inability to leverage public cloud for long-term retention
- Lack of ability to reuse backed up data for other use cases

### SEAMLESS BACKUP AND RECOVERY FOR ORACLE

Cohesity's software-defined platform provides a simple, fast, and cost-effective backup, recovery and data management solution for growing Oracle database environments. Cohesity natively integrates with Oracle Recovery Manager (RMAN) to provide application-consistent backup and recovery for both Oracle single instance or Real Application Clusters (RAC).



Cohesity enables seamless data protection for Oracle environments, providing a gamut of benefits, including:

*Simplified Backup and Recovery*

- Software-defined hyperconverged architecture that replaces data and infrastructure silos including target storage, media, and master servers, and cloud gateways
- Rapid RPOs and RTOs to meet business SLAs
- Use existing scripts and tools to manage infrastructure

*Application-Consistent Protection*

- Perform application consistent backups, without corruption, ensuring rapid database recovery

*Distributed Platform: Enable Infrastructure to Scale*

- Scale-out capacity and linear performance by simply adding nodes to the cluster
- Eliminate the need for forklift upgrades and data migrations
- Address evolving business requirements with pay-as-you-grow expandability

*Reduced TCO and Increase Operational Efficiency*

- Gain space efficiency with Cohesity's global variable-length (sliding-window), deduplication and compression
- Natively integrate with Amazon Web Services, Google Cloud Platform, and Microsoft Azure for seamless long term retention and tiering
- Eliminate unnecessary data copies and make backup data productive for accelerated application development or to meet compliance and security requirements – all on the same platform

Protecting Oracle environments does not need to be challenging. Cohesity's integration with Oracle Recovery Manager, as well as Oracle databases and environments can be protected seamlessly. Cohesity addresses the core of challenges faced by Oracle database administrators and stakeholders, providing a scale-out, distributed platform that addresses technical nuances of the Oracle ecosystem while supporting some of the top strategic goals of organizations: data resiliency, security, TCO reduction, scalability, and catalyzing innovation.