

Zero Data Loss Recovery Appliance

ORACLE®
ZERO DATA LOSS
RECOVERY APPLIANCE



50x



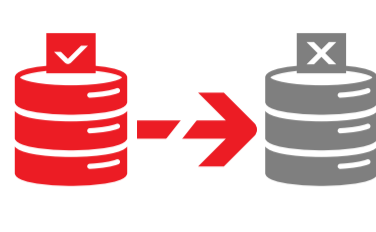
Most enterprises expect 50x data growth by 2020, resulting in sprawling data sets at high risk for data loss.

TOP CHALLENGES

Companies already struggle in the following areas:

Data Protection

- **5 out of 6** businesses experience failed recoveries and potential data loss



Efficiency

- **Backup performance** is the top challenge for database backup and recovery



Scalability

- Companies generate at least **3x more data** than current standalone backup appliances can handle



Manageability

- **2 out of 3** organizations need multiple tools to back up a single database



Oracle can help. Eliminate business data loss and slash overhead with Oracle's Zero Data Loss Recovery Appliance.

DATA PROTECTION



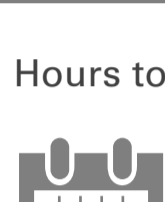
Zero Data Loss: Real-time redo transport eliminates data loss.

Current Backup Appliances

Oracle's Recovery Appliance

Data loss exposure

Hours to days



Zero to subsecond



Data integrity

No database validation



Continuous database-aware validation



Database recovery

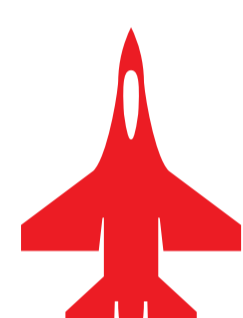
1 in 4 failed recoveries are due to data corruption



End-to-end corruption detection



EFFICIENCY



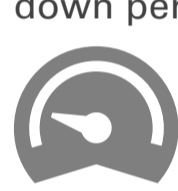
Minimal Impact Backups: Production only sends changes. All backup and tape processing offloaded.

Current Backup Appliances

Oracle's Recovery Appliance

Performance impact

Wasted CPU cycles slow down performance

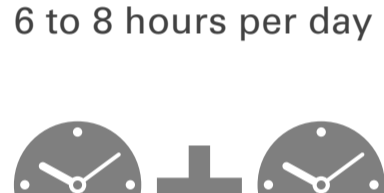


Near-zero performance impact for disk or tape backup



Backup window

6 to 8 hours per day

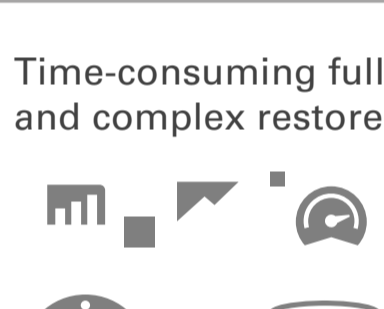


Eliminated

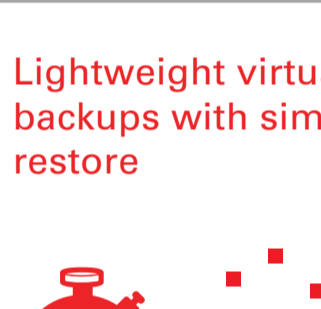


Process efficiency

Time-consuming full backups and complex restore



Lightweight virtual full backups with simple, anytime restore



SCALABILITY



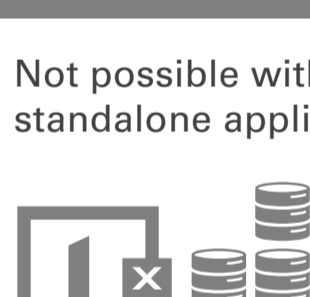
Database Protection as a Service: Easily protect all databases using a scalable centralized service.

Current Backup Appliances

Oracle's Recovery Appliance

Cloud-scale protection

Not possible with one standalone appliance

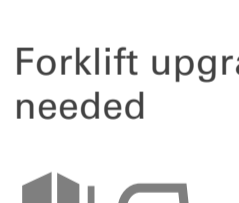


One system scales and protects thousands of databases



Ease of scale-out

Forklift upgrades needed

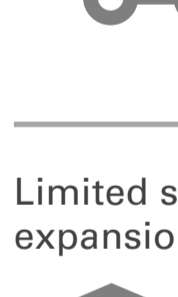


Non-disruptive storage, compute, and bandwidth scale-out

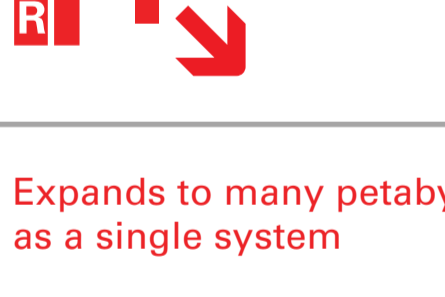


Storage capacity

Limited storage expansion



Expands to many petabytes as a single system



MANAGEABILITY



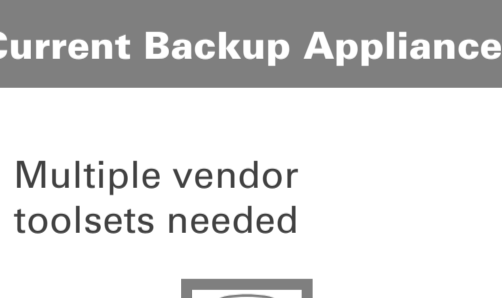
Database-Centric Management: End-to-end control—from data creation to tape archival.

Current Backup Appliances

Oracle's Recovery Appliance

Ease of management

Multiple vendor toolsets needed

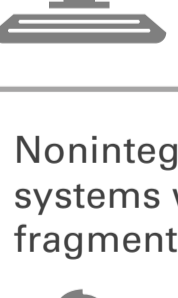


One unified management interface



Management scope

Nonintegrated systems with fragmented visibility

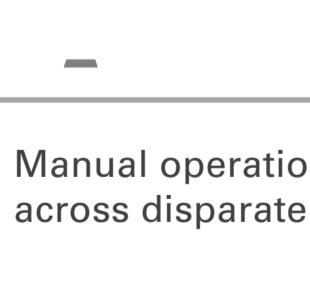


Standardized end-to-end visibility and control

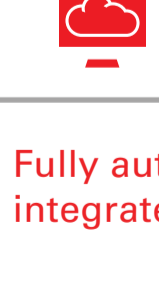


Automation

Manual operations across disparate silos



Fully automated integrated data protection



ORACLE REINVENTS DATABASE PROTECTION WITH THE ZERO DATA LOSS RECOVERY APPLIANCE

Oracle's Zero Data Loss Recovery Appliance is a ground-breaking data protection solution that's completely integrated with Oracle Database, eliminating data-loss exposure for all databases without impacting production environments.

Learn More About Oracle's Zero Data Loss Recovery Appliance

oracle.com/recoveryappliance