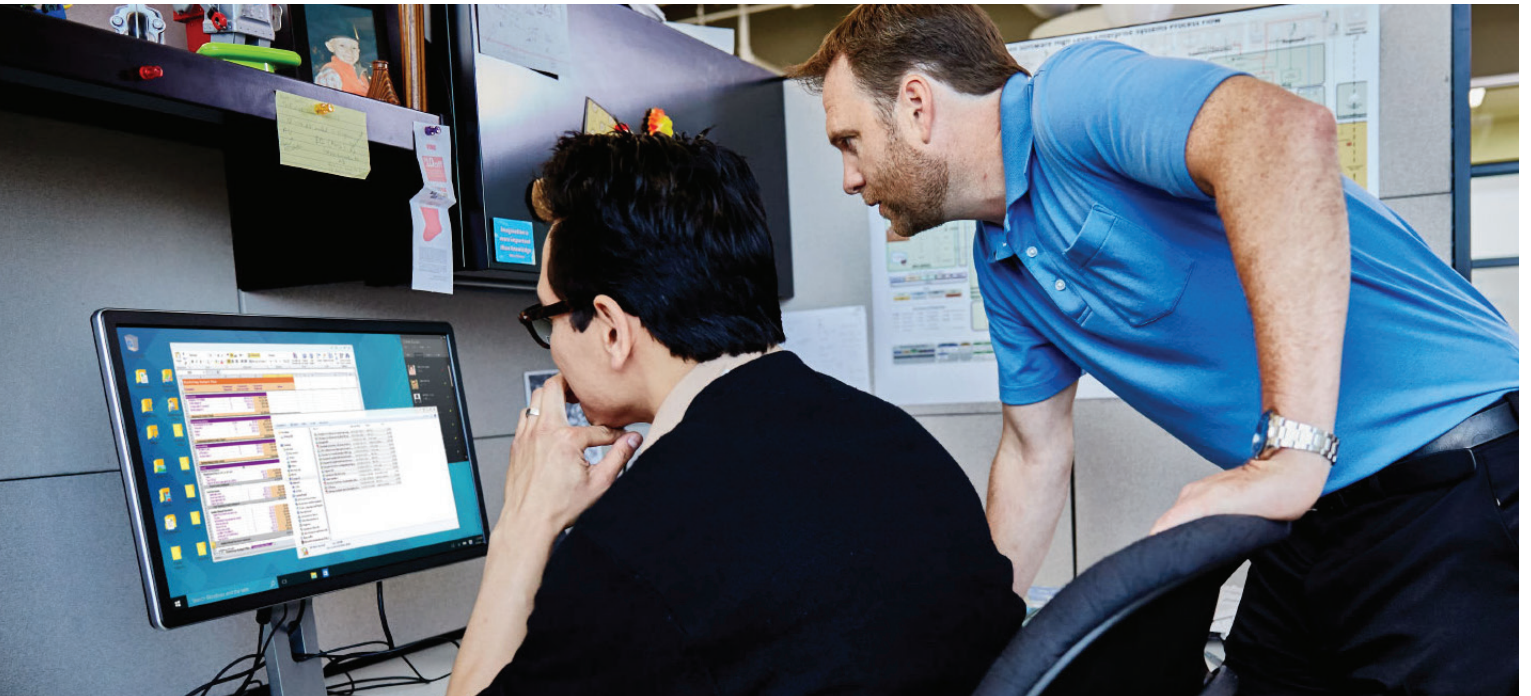# Get the Best Value from Your Oracle Environments

Drive down costs and simplify Oracle management with one proven solution: SharePlex

INTRODUCTION

As an Oracle DBA, you're under pressure from multiple fronts. You must avoid the costly application downtime that can result in reduced sales, reputational damage and customer churn. You have to deliver quick, seamless migrations and upgrades that keep operations running smoothly. You need to make the most of existing resources with effective database management and load balancing. And you must support initiatives that drive the business forward with technologies such as data warehousing.

To achieve these goals, you need advanced capabilities such as high availability (HA) configurations, comprehensive disaster recovery (DR), data warehousing and detailed operational reporting. Unfortunately, these extended features are not available in Oracle Standard Edition — and in fact, many of them are available in Oracle Enterprise Edition only at additional cost. Adding on GoldenGate for DR, Oracle Streams for operational reporting, Active Data Guard for HA, Oracle Data Service

Integrator for data warehousing, Real Application Clusters (RAC) for scalability and GoldenGate Veridata for data repair can easily double the cost of your Enterprise Edition license.

Other costs are less obvious but no less real. For example, Data Guard requires that the source and standby databases be the same — and that they be hosted on the same operating system and hardware platform type. Not being able to use different hardware for failover or reporting purposes can mean extra capital expenses. Plus, juggling multiple tools complicates your IT processes, sapping IT productivity.

But what choice do you have but to bite the bullet and somehow find the budget for Oracle Enterprise Edition and all its add-ons?

There is a better way. With SharePlex for Oracle, you get all the powerful functionality you need to protect and manage your Oracle environment, whether you're running Standard Edition or Enterprise Edition.

> SharePlex provides all the powerful functionality you need to protect and manage your Oracle environment in a single, low-cost solution — whether you're running Standard Edition or Enterprise Edition.

ALL THE FUNCTIONALITY YOU NEED, IN A SINGLE SOLUTION

SharePlex delivers all the advanced functionality you need in a single, low-cost solution — enabling you to continue using Oracle Standard Edition or adopt Enterprise Edition without paying for a complex set of Oracle add-ons (see Figure 1). A proven solution used by customers worldwide, SharePlex delivers real-time replication with zero to minimal impact on production systems, and it can easily be configured to meet a wide range of business needs (see Figure 2). Key features include:

- **High availability and disaster recovery** — Whether you need to perform routine maintenance or you experience an unexpected failure, you can keep the business running simply by switching to your replica.

- **Migrations and upgrades** — Migrate a replica server while leaving production systems untouched so you can thoroughly test the new version and switch to the replica when you're ready. Thanks to SharePlex replication, you can quickly revert back to the original system if necessary, with no data loss.

- **Scalability and performance** — Create as many replicas as you need for purposes such as reporting and archiving, and create the indexes you need to optimize the database for the assigned task.

- **Data integration** — SharePlex supports business intelligence, analytics and reporting by providing near real-time data integration between Oracle and other databases, including Microsoft SQL Server, Hadoop and other ODBC-enabled databases.

- **Data warehouse** — With SharePlex, the replica database can have a different structure than the production database, with additional indexes optimized for reporting. In addition, the data can be transformed on the fly during replication with no impact to the source system.

- **Change tracking and auditing** — SharePlex records changes made to source tables with details such as user information, time and operation type.

- **Centralized reporting** — SharePlex can replicate multiple separate databases to separate schemas in single instances, or replicate multiple servers to a single server hosting multiple databases.

Functional requirements	Oracle products required	Quest product required
Disaster recovery	Data Guard	SharePlex
	GoldenGate	
High availability	Data Guard	
	Oracle Streams	
	GoldenGate	
Operational reporting	Data Guard	
	Oracle Streams	
Migrations and upgrades	GoldenGate	
Scalability and load balancing	GoldenGate and RAC	
Monitoring and management	GoldenGate Veridata	
Data comparison	GoldenGate Veridata	
Data repair	GoldenGate Veridata	
Data warehousing	Data Integrator	
Active-Active	GoldenGate	

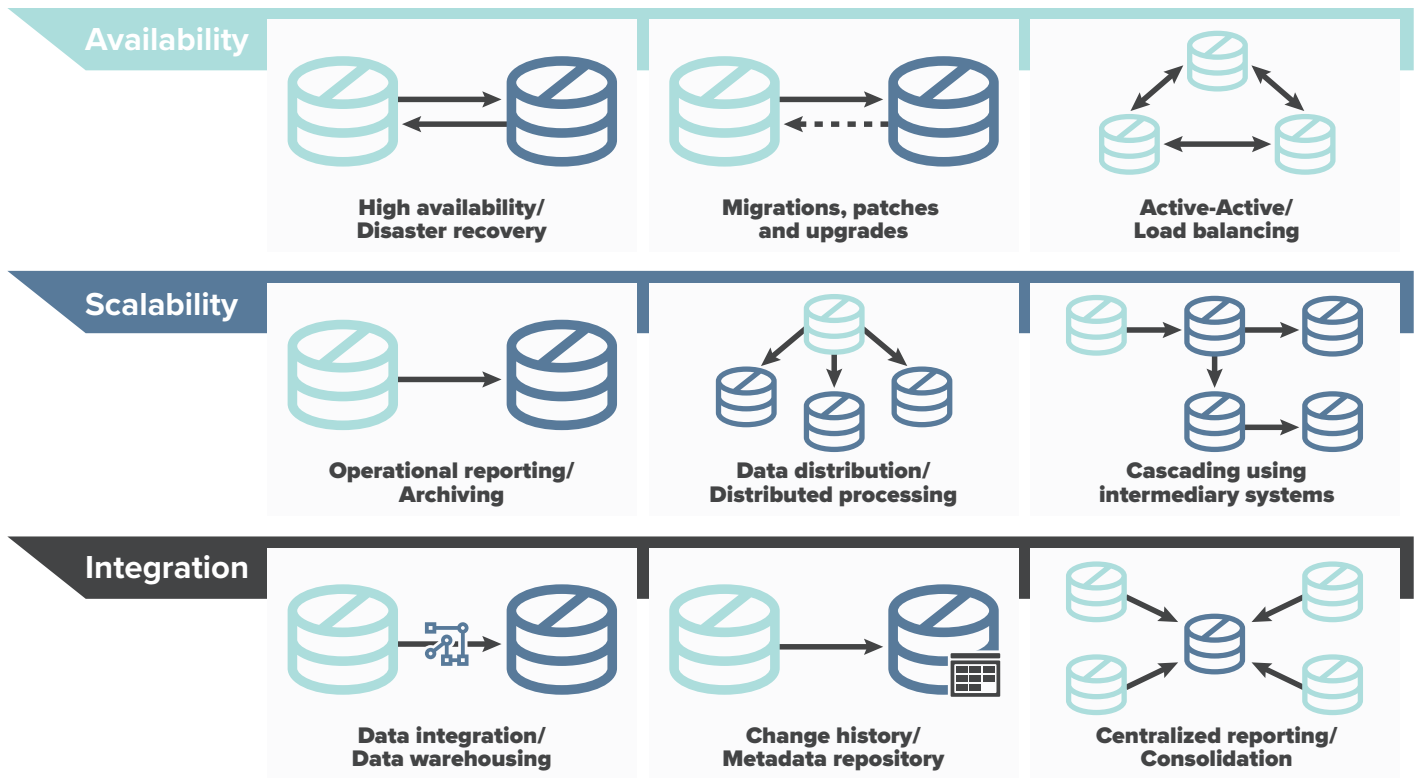*Figure 1. SharePlex delivers the advanced features Oracle DBAs need in a single solution.*

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Availability		
High availability/ Disaster recovery	Migrations, patches and upgrades	Active-Active/ Load balancing
Scalability		
Operational reporting/ Archiving	Data distribution/ Distributed processing	Cascading using intermediary systems
Integration		
Data integration/ Data warehousing	Change history/ Metadata repository	Centralized reporting/ Consolidation

Figure 2. SharePlex can be easily configured to meet a variety of business needs.

CONCLUSION

Make the most of your existing investment in Oracle. With SharePlex, you get a wealth of critical data protection and database management functionality in a single solution, so you can ensure high availability and business continuity while meeting your database operational goals. Plus, SharePlex supports all legacy and current Oracle Standard Editions, and includes award-winning, industry-leading support.

Ensure high availability and business continuity while meeting your database operational goals with SharePlex for Oracle.

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ABOUT QUEST

Quest helps our customers reduce tedious administration tasks so they can focus on the innovation necessary for their businesses to grow. Quest® solutions are scalable, affordable and simple-to-use, and they deliver unmatched efficiency and productivity. Combined with Quest's invitation to the global community to be a part of its innovation, as well as our firm commitment to ensuring customer satisfaction, Quest will continue to accelerate the delivery of the most comprehensive solutions for Azure cloud management, SaaS, security, workforce mobility and data-driven insight.

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