

Solution Brief:

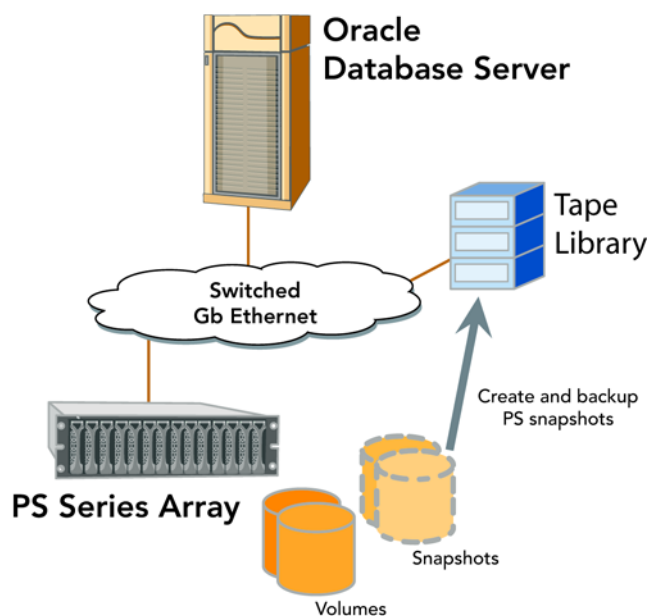
Oracle® Database and EqualLogic PS Series

Providing robust server and storage infrastructure for databases

Managing business information is crucial to the success of any company or organization – and databases allow you to manage and use an incredible variety of information easily. These powerful applications allow users to manipulate information for improving their business processes and productivity. Because of the importance of databases within a business environment and their impact on both commerce and productivity, databases require a robust server and storage infrastructure – highly reliable, high performing, easily scalable, and secure.

Online transaction processing (OLTP) is a database application that demands the most out of your system resources. OLTP systems conduct millions of lightning fast transactions (for tasks such as electronic banking, online order processing, and e-commerce) and require extensive compute resources and high performance storage. In larger deployments, the efficiency of your OLTP environment depends on optimizing the infrastructure responsible for processing large numbers of concurrent database updates.

Oracle offers industry-leading scalability and reliability in clustered as well as single-system database configurations. The Oracle Database product family provides a comprehensive set of features for OLTP and business intelligence, in addition to delivering a lower total cost of ownership for your database application environment.



Productivity is dependent on database availability, and many organizations require databases to be up and running around the clock. Data must be continuously available regardless of system/site failures, human errors, and planned maintenance. As a result, the storage component of any database application is critical – not just from the availability perspective, but also for performance and scalability.

Together, EqualLogic PS Series arrays and Oracle provide the strategic database environment you need. PS Series arrays have intelligence designed in and enterprise data services already included. With PS Series arrays, you can consolidate your databases for better organization with improved provisioning and control. Automated intelligence and centralized management offer simpler, lower cost operation.

PS Series arrays also offer the highest class of information protection, which is of paramount importance for databases. Fully redundant, hot serviceable components provide total data protection, while PS Series snapshots and auto-replication deliver online backups, instant restore, and straight forward disaster recovery.

The PS Series was designed for virtualization and automatic load balancing across all available storage resources. As your Oracle database deployment grows, PS Series arrays harness their aggregate resources to evenly load balance data requests, additional capacity, network activity, and cache. Performance actually improves exponentially as you scale, in sharp contrast to traditional storage architectures in which additional capacity results in diminishing returns in performance.

Backup and recovery are a challenge in a database environment. Because databases are continually growing and changing, it is important to keep up with backup to ensure adequate restore – without stalling performance and optimization of the storage environment. PS Series arrays integrate with premier backup applications to deliver fast, simple restore of your Oracle data.

Together, EqualLogic's PS Series and Oracle databases deliver record-breaking performance and scalability on systems from departmental to mission critical server applications, running on operating systems such as Microsoft® Windows®, Linux, Solaris™, HP-UX, and IBM® AIX.

Simplifying Networked Storage

EqualLogic PS Series solutions deliver the benefits of storage consolidation in an intelligent, enterprise-class storage system that is easy to install, manage and grow. Visit our web site at www.equallogic.com and let us show you what *simplifying networked storage* can mean for your business.

To learn more about
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