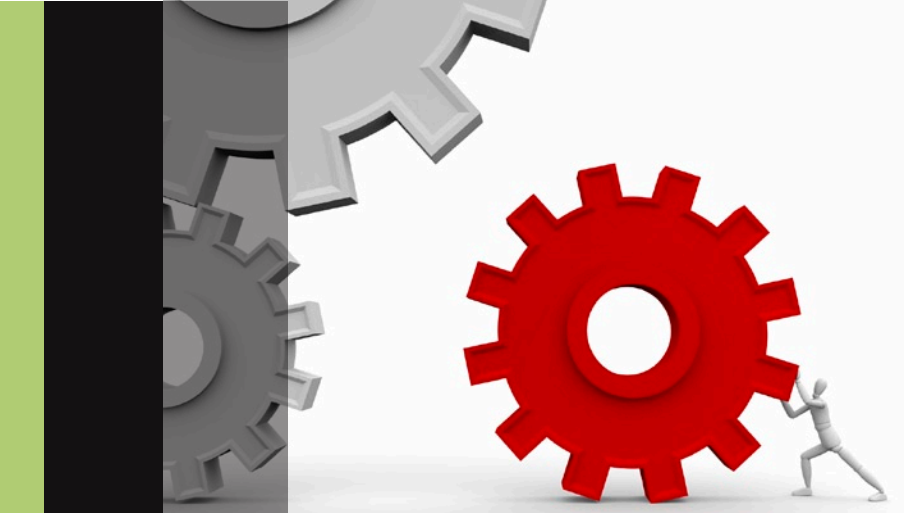


# Oracle Database 10g

## With the Pillar Axiom® Storage System



### Benefits

- Control and reduce data center management costs
- Improve return on investment of IT assets
- Eliminate islands of computing resources
- Leverage grid computing to accommodate and manage data growth effectively

Oracle 10g Real Application Cluster (RAC) is a clustered database with a shared cache architecture (Cache Fusion) that provides highly scalable and available database solutions for all business applications. Oracle and Pillar Data Systems® have collaborated to provide the flexibility to control data storage dynamically according to business priority, using Pillar AxiomONE™ Dynamic Performance with Oracle 10g Automated Storage Management (ASM).

The ASM feature of Oracle 10g provides administrators with a simple database storage management interface that is well aligned with Pillar Axiom® Application-Aware Storage™ technology. When database storage is configured with Oracle ASM and the Pillar Dynamic Performance architecture, Dynamic Performance technology protects the performance of mission-critical production databases while sharing pooled storage resources with non-production databases.

### 10g Grid with Real Application Clusters

Oracle 10g RAC with grid infrastructure provides the framework for improved data access that can create a competitive edge, improve the financial performance of the enterprise, and improve customer access to on-line systems. The Pillar application-aware Axiom storage system from Pillar Data Systems is an ideal storage solution for Oracle Grid Computing environments based on Oracle 10g RAC software, delivering an optimized combination of performance, reliability, and value. With Oracle 10g and Pillar Axiom, IT staff can pool servers and storage into a flexible, on-demand computing resource for all enterprise computing needs.

### Oracle Validated Configurations with Linux

Oracle Validated Configurations provide easier, faster, and lower-cost deployment of solutions in the enterprise. Oracle Validated Configurations offer pre-tested, validated architectures – including software, hardware, storage, and network components – along with documented best practices for configuration. The result: improved performance, scalability, and reliability of Linux solutions, with faster, lower-cost implementations.

Based on the rigorous testing procedures of the Oracle Validated Configuration program, Oracle and Pillar assure that configurations will run well and reduce testing efforts, ultimately enabling faster deployment of Oracle on Pillar Axiom. As a result, customers can experience the benefits of standardization, scalability, and reliability without the cost and delays of testing or the risk of untested configurations.

**For more information:**

- **Visit** [www.oracle.com/features/hp/linux-validated-0606.html](http://www.oracle.com/features/hp/linux-validated-0606.html)
- **Visit** [www.pillardata.com/oracle](http://www.pillardata.com/oracle)
- **Call** 877.252.3706

### **Automatic Storage Management**

Oracle ASM is a vertical integration of both the file system and the volume manager built specifically for Oracle database storage. It extends the concept of SAME (Stripe and Mirror Everything) to optimize performance, while removing the need for manual I/O tuning. Pillar utilizes a similar approach to reducing cost through use of standardized, low-cost, high-performance storage components. The shared storage pool provided by Pillar Axiom storage works in concert with Oracle ASM to help enterprises increase their business agility while lowering their acquisition and management costs.

### **Storage provisioning with Oracle Enterprise Manager Grid Control**

The unique approach to AxiomONE Dynamic Performance built in to the Pillar Axiom provides IT staff with flexibility to decide how to use storage assets most efficiently. Dynamic Performance eliminates the need for storage silos dedicated to production and secondary storage applications. As business priority of data changes, a LUN or a file can be migrated from one Dynamic Performance level to another without disruption.

The Pillar Axiom uses real-time, policy-based I/O handling capability to differentiate the Axiom from any other storage platform available today. Its ability to seamlessly pool multiple tiers of storage resources into a single system provides IT staff with true, pooled storage capability, allowing the enterprise to maximize its investment in computing assets.

