SOFTWARE. HARDWARE. COMPLETE.

ORACLE

Exadata V2
Sun Oracle Database Machine

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July 14, 2010
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**History of Exadata**

- **Exadata V1** – September 2008
  - Extreme Performance for Data Warehousing

- **Exadata V2** – November 2009
  - Extreme Performance for Data Warehousing and OLTP
  - Platform for database consolidation
  - Designed as a high performance, highly available database platform for all workloads
Standardized and Simple to Deploy

- All Database Machines are the same
  - Optimized End-to-End
  - Delivered ready-to-run
  - No unique configuration issues
  - Identical to configuration used by Oracle Engineering

- Runs existing OLTP and DW applications
  - Full 30 years of Oracle DB capabilities
  - No Exadata certification required

- Leverages Oracle ecosystem
  - Skills, knowledge base, people, partners
Keys to Speed and Cost Advantage

Exadata Intelligent Storage Grid
Exadata Hybrid Columnar Compression
Exadata Smart Flash Cache
Exadata Flash Warehousing

Fastest Query Throughput

- Exadata has 2x the disk-based query throughput versus the competition
- Exadata with data on disk and flash has 5x the query throughput
- Exadata query throughput on compressed data is even higher
  - Hundreds of GB/sec

Business answers in seconds, not hours

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Comparison to Best IBM Configuration

*Exadata is Faster and Costs 7.5x Less*

2 Rack Database Machine

- Faster Server Performance
- More I/O Performance
- Same Storage Capacity
  - Not including Exadata compression advantages!
- HA Configuration

$2,720,000

IBM P595 + 4 DS8700s with Flash

$20,750,000

Note: Comparison of Hardware Prices including 3yr Support
Best Machine for Database Consolidation

- Consolidation is key to reducing costs
  - Administration, hardware, software, data center
- Many databases can be consolidated on Exadata
  - Exadata serves as farm/cloud for databases
- Exadata delivers extreme performance for complex workloads that mix OLTP and DW
  - Multiple databases running different applications
Exadata’s Successes

Exadata has been successful in multiple geographies & industries.