



What is Exadata?

Exadata is an appliance developed by Oracle to deliver best-in-world database performance and availability for mission-critical database environments.

Why Exadata?

- * Exponential increases in database performance (via Smart Scans).
- * Maximum Availability Architecture (In-Rack, Local, and Site-to-Site High Availability).
- * Smart Storage distributes workloads away from DB CPU, allowing more operations.
- * Dramatic reduction in network traffic. Control over I/O to protect operations (via IORM).

The Basic Architecture?

- * Two (2) high-powered Database Servers.
- * 100Gbe RDMA over Converged Ethernet internal network.
- * Three (3) Intelligent Storage Nodes with Flash Cache and Persistent Memory.

Why Should I Care About the Architecture?

- * Co-engineered components work seamlessly together as an appliance.
- * Huge network pipe between Database compute and storage servers.
- * Maximum performance for Oracle Database.
- * Maximum availability for Oracle Database.

Exadata Patching Differs from Other Oracle Servers

- * No downtime - database cluster members can be re-routed via RAC, ensuring zero downtime in a rolling patch delivery.
- * Full-Stack - Oracle releases quarterly full-stack patches for databases on Exadata.
- * Single source for patches ensures full compatibility in all components of the database stack.
- * Reliable - Oracle patches are tested extensively prior to application in our M&T's environment to identify any development issues.
- * Flexible - patches delivered within the required times for your business unit.

What does "Faster" Mean to the Business?

- * Do more work with fewer database CPUs.
- * Database CPU licenses last longer. Higher density consolidation becomes possible.
- * Reduced hardware footprint. Lower time to development.

Why INFOLOB For Exadata?

- * Enablement expertise since version 1 in 2008.
- * Oracle Managed Platinum Partner with 25+ specializations.
- * Winner of 3 Oracle MVP Awards.
- * Proud holders of a seat in the Oracle Exadata Advisory Board.
- * Rated among top 5 Oracle Game Changer Tech Service Delivery Partners of the Year 2022.