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).
- 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.