

Oracle TimesTen Scaleout

The World's Fastest OLTP Database

What is TimesTen Scaleout?

- An **in-memory, scale-out, fault-tolerant** relational database
- Optimized for **extreme** throughput and **ultra** high availability
- Based on the proven TimesTen In-Memory Database

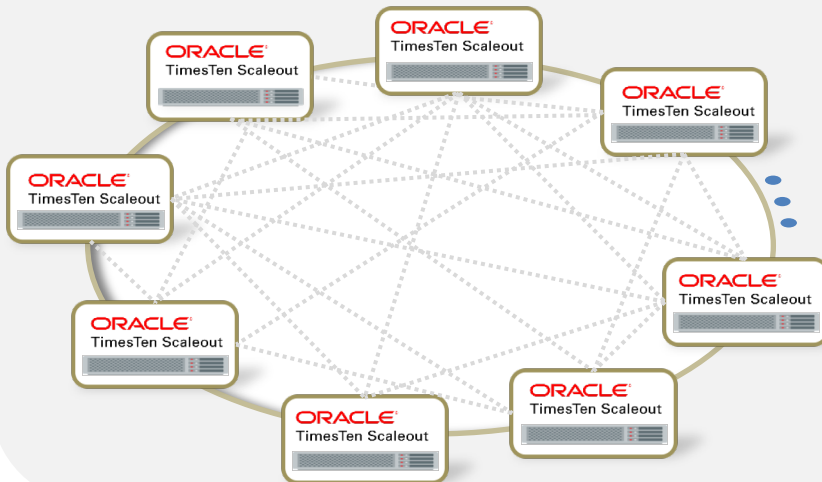
Key Features

- Multiple data distribution schemes
- Full ACID transactions
- Global Secondary Indexes
- Rich SQL, APIs, Datatypes
- Parallel execution for reporting and batch operations

Real-Time OLTP Applications



Single Image In-Memory Database



Elastic Scalability

Grow/shrink number of nodes dynamically, based on load or business needs

Learn more about TimesTen Scaleout



<https://www.oracle.com/database/timesten-in-memory-database>

Ultra High Availability

- Each element is fully persistent
- All elements are replicated
- All replicas are fully active
- All replicas are strongly consistent

Extreme Performance

- **1.2 Billion** txns per second with 100% read workload
- **144 Million** txns per second with 80% read 20% write workload

With 64 nodes on 2 socket Intel Haswell servers