Oracle: Enterprise-Leading Business Application Performance

Oracle software propels businesses worldwide, and Cisco has established a tradition of providing record-setting performance and running Oracle software at lower cost.

Oracle software is essential for many business functions. Oracle Database and Oracle Real Application Clusters (RAC) support online transaction processing that enables all forms of commerce. Oracle E-Business Suite is a comprehensive suite of global business applications that help organizations make better decisions and reduce cost. Oracle E-Business Suite supports business functions ranging from customer relationship management (CRM) to supply chain management (SCM). After business transactions are completed, Oracle NoSQL Database helps analyze massive amounts of data to enable better business decisions in the future.

Oracle Runs Better on Cisco UCS

Oracle software runs better on Cisco UCS because of Cisco's unique architectural advantages which no other vendor can offer:

- **Unified management** supports predefined and programmed deployment so that best practices can be implemented through automation. Scaling of existing applications is now rapid, accurate, and repeatable.
- **Unified fabric** ties servers together with low-latency 10 Gigabit performance. Cisco Unified Fabric carries IP networking, storage, and management traffic with wireline-quality security. With Cisco UCS, Cisco is the first company to certify Oracle RAC software on

a unified fabric, proving Cisco's performance and security.

- **Cisco virtual interface cards** support an I/O environment in which the number and type of devices can be configured on demand using either Ethernet or Fibre Channel. Used with Cisco Data Center Virtual Machine Fabric Extender (VM-FEX) technology, Cisco VICs directly connect virtual machines to the network, providing the same visibility and control normally reserved for physical devices.
- **Intel Xeon processors** power Cisco UCS servers with a price:performance ratio that makes traditional RISC processor–based systems obsolete. Although many vendors use the same processors, only Cisco brings their power to life with the architecture of Cisco UCS.

Better Performance at Lower Cost

The proof of superior architecture is better performance at lower cost. Cisco demonstrates the depth of its commitment to Oracle software by establishing a tradition of record-setting performance on both the Transaction Processing Council TPC-C Benchmark and Oracle E-Business Suite Standard Benchmarks.

Record Setting Performance from Cisco

Best 2-Socket Server TPC-C™ Results
Cisco UCS C240 M3 Rack Server[1]

Best Oracle E-Business Suite Performance
Cisco UCS B200 M3 Blade Server[2]

More information for the benchmarks cited above is provided on page 11.

For More Information

For more information about Cisco UCS servers running Oracle software, please visit http://www.cisco.com/go/oracle.

Cisco UCS Server	Role	Record-Setting Oracle Performance
C240 M3 Rack Server	Small and medium-sized businesses needing large amounts of internal storage	Footnote 1. The Cisco UCS C240 M3 claimed the fastest TPC-C benchmark results for any 2-socket server, even among competitors using the exact same processor, and outperforming a 2-processor IBM POWER7 system by 34% with 32% lower cost (for more information see page 11).
B200 M3 Blade Server	Medium-sized and large businesses using shared storage	Footnote 2. The Cisco UCS B200 M3 delivered the best performance of any server, regardless of configuration or number of processor cores, on the Oracle E-Business Suite 12.1.2 Order-to-Cash Benchmark. The record includes outperforming an IBM POWER7 processor-based server by more than 63% (for more information see page 11).