Your business depends on decision-support systems. We deliver the server that consistently outperforms the competition.

**Industry-Leading Performance for Decision Support**

The Cisco UCS® C460 M4 Rack Server delivers the top nonclustered TPC-H benchmark performance result at the 3000-GB scale factor (Table 1). This result continues Cisco’s tradition of performance leadership, with the Cisco UCS C460 M4 maintaining the top performance and price/performance slots for nonclustered servers at the 1000-GB scale factor, and again achieving the best performance at the 3000-GB scale factor. When you need to choose a vendor that can consistently deliver industry-leading performance, you need to look no further than Cisco.

**Table 1. TPC-H 3000-GB Result for the Cisco UCS C460 M4**

<table>
<thead>
<tr>
<th>Server</th>
<th>Processors (Cores and Threads)</th>
<th>Performance</th>
<th>Price/Performance Ratio</th>
<th>Availability Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cisco UCS C460 M4</td>
<td>4 Intel Xeon processor E7-8890 v3 CPUs at 2.5 GHz</td>
<td>725,686 QphH@3000GB</td>
<td>$1.08 USD per QphH@3000GB</td>
<td>July 14, 2015</td>
</tr>
</tbody>
</table>

This result offers a vivid example of how the system’s Intel® Xeon® processors, large memory capacity, internal solid-state disk (SSD) storage, and Fusion-io PCIe cards deliver world-record database performance in concert with Microsoft SQL Server 2014 Enterprise Edition. When you incorporate servers such as the Cisco UCS C460 M4 as part of the Cisco Unified Computing System™ (Cisco UCS), you can run your other Microsoft and non-Microsoft workloads in the same unified system with integrated management and low-latency 10-Gbps unified fabric connectivity between servers.

This TPC-H result demonstrates the degree to which Cisco UCS servers deliver superior performance. Among the nonclustered 3000-GB scale factor results, the Cisco UCS C460 M4 is 57 percent faster than the HP DL580 and 47 percent less expensive, and it surpasses servers from other contenders, including Fujitsu and Lenovo (Figure 2).

**TPC-H Benchmark**

The TPC-H benchmark is an industry-standard decision-support system benchmark. It is designed to measure the capability of a system to examine large volumes of data, process queries with a high degree of complexity, and return answers to critical business questions. The TPC-H benchmark evaluates a
The database files resided on a set of 6 Cisco UCS Fusion ioMemory3 Flash Adapters, the operating system and log files resided on four 400-GB Enterprise Performance SSDs, and backup and flat files resided on eight 400-GB Enterprise Performance SSDs. The SSDs were connected through a Cisco 12-Gbps Modular RAID Controller with 1-GB flash-backed write cache.

Record-Setting Performance

These benchmark results demonstrate the industry-leading performance you can expect when you choose Cisco servers.

For More Information

• For more information about Cisco UCS servers, please visit http://www.cisco.com/go/ucs.
• For more information about Cisco UCS performance, please visit http://www.cisco.com/go/ucsatwork.

Disclosures

TPC-H, QphH, and $/QphH are trademarks of the Transaction Processing Performance Council (TPC). The performance results described in this document are derived from detailed benchmark results available as of July 13, 2015, at http://www.tpc.org/tpch/default.asp.