



# CERTIFICATION

## SAP® Standard Application Benchmarks

The SAP Sales and Distribution (SD) Standard Application Benchmark performed on February 4, 2013 by Cisco Systems in Walldorf, Germany, was certified on March 19, 2013, with the following data:

Number of SAP SD benchmark users:	5,530
Average dialog response time:	0.96 seconds
Throughput:	
Fully processed order line items per hour:	605,330
Dialog steps per hour:	1,816,000
SAPS:	30,270
Average database request time (dialog/update):	0.021 sec / 0.045 sec
CPU utilization of central server:	97%
Operating system:	Red Hat Enterprise Linux 6.4 on KVM
RDBMS:	Sybase ASE 15.7
SAP Business Suite software:	SAP enhancement package 5 for SAP ERP 6.0

### Configuration:

No. of servers	Usage	Hardware	Segmentation / CPU utilization in virtual machines
1	Central server	Cisco UCS B200 M3, 2 processors / 16 cores / 32 threads, Intel Xeon Processor E5-2690, 2.90 GHz, 64 KB L1 cache and 256 KB L2 cache per core, 20 MB L3 cache per processor, 256 GB main memory	1 virtual machine (VM) using 32 virtual CPUs  CPU utilization of VM1 (DB/Dia/Upd/Msg/Enq): 97%

Certification number: 2013007

THE BEST-RUN BUSINESSES RUN SAP™ 