



CERTIFICATION

SAP® Standard Application Benchmarks

The SAP BW Enhanced Mixed Load (BW-EML) Standard Application Benchmark performed on April 16, 2015, by Dell in St.Leon-Rot, Germany, with a total of 2,000,000,000 records, was certified by SAP on behalf of the SAP Benchmark Council on May 5, 2015, with the following data:

Throughput/hour (ad-hoc navigation steps):	172,450
Number of initial records:	2,000,000,000
CPU utilization of database servers	95%
CPU utilization of application servers:	44% (App.Server1: 43%, App.Server2: 44%)
Operating system, all servers:	SuSE Linux Enterprise Server 11
RDBMS:	SAP HANA 1.0
Technology platform release:	SAP NetWeaver 7.31

Configuration:

Database server:	Dell PowerEdge R930, 4 processors / 72 cores / 144 threads, Intel Xeon Processor E7-8890 v3, 2.50 GHz, 64 KB L1 cache and 256 KB L2 cache per core, 45 MB L3 cache per processor, 1536 GB main memory
2 Application Servers: (Dialog/ Update/ Message/ Enqueue)	Dell PowerEdge R910, 4 processor / 40 cores / 80 threads, Intel Xeon Processor E7-4870, 2.40 GHz, 64 KB L1 cache and 256 KB L2 cache per core, 30 MB L3 cache per processor, 512 GB main memory

Certification number: 2015014

THE BEST-RUN BUSINESSES RUN SAP™ 