



CERTIFICATION

SAP® Standard Application Benchmarks

The SAP BW Enhanced Mixed Load (BW-EML) Standard Application Benchmark performed on May 7, 2015, by Dell in St.Leon-Rot, Germany, with a total of 3,000,000,000 records, was certified by SAP on behalf of the SAP Benchmark Council on May 27, 2015, with the following data:

Throughput/hour (ad-hoc navigation steps):	120,790
Number of initial records:	3,000,000,000
CPU utilization of database servers	97%
CPU utilization of application servers:	34 (App.Server1: 34%, App.Server2: 34%)
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

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