

# Certification

## SAP® Standard Application Benchmarks

The SAP BW edition for SAP HANA Standard Application Benchmark Version 3 performed on March 22, 2019, by Dell in Walldorf, Germany, with a total of 5,200,000,000 initial records, was certified by SAP on behalf of the SAP Benchmark Council on April 2, 2019, with the following data:

Benchmark Phase 1	
Number of initial records:	5,200,000,000
Runtime of last Data Set (seconds):	16,952
Benchmark Phase 2	
Query Executions per Hour:	5,163
CPU utilization of database server:	94%
Benchmark Phase 3	
Total Runtime of complex query phase (seconds):	112
Operating Systems:	Red Hat Enterprise Linux 7.6
Database:	SAP HANA 2.0
Technology platform release:	SAP NetWeaver 7.50

### Configuration:

No. of Servers	Usage	Hardware
1	Database	Dell EMC PowerEdge R940, 4 processors / 112 cores / 224 threads, Intel Xeon Platinum 8280 processor, 2.70 GHz, 64 KB L1 cache and 1,024 KB L2 cache per core, 38.5 MB L3 cache per processor, 3,072 GB DRAM

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