

# CERTIFICATION

## SAP Standard Application Benchmarks

The SAP Business Information Warehouse 3.5 Standard Application Benchmark suite performed on September 22, 2005 by IBM in Toronto, On, Canada was certified on October 19, 2005 with the following data:

The scenario for 64 GB main memory, which corresponds to 934,400,000 records in fact table, was used.

### Step 1: Load Phase - Part 1

Average throughput (rows/hour):	168,360,360
In detail:	
Load from PSA into InfoCube (rows/hour):	218,317,757
Repair secondary indexes on fact table (rows/hour):	2,712,774,194
Create statistics on fact table:	7,768,683,603
Rollup of aggregates (rows/hour):	1,160,344,947

### Step 2: Load Phase - Part 2

Average throughput (rows/hour):	6,511,120
In detail:	
Load from PSA into ODS (rows/hour):	157,262,272
Activate ODS (rows/hour):	6,792,343

Average throughput total step 1+2 (rows/hour): 6,268,687

### Step 3: Query Phase

Throughput/hour:	311,004 query navigation steps
Average CPU utilization of servers:	30%

The software configuration for all steps of the SAP BW benchmark:

Operating System:	SuSE Linux Enterprise Server 9 (64-bit)
RDBMS:	DB2 UDB 8.2.3 (64-bit)
Platform Release:	SAP NetWeaver '04 (64-bit)

### Configuration:

Cluster of 32 servers. Each server:  
IBM x346 Model 884041U, 1 processor/ 1 core/ 2 threads,  
Intel XEON 3.6 GHz, L1 Execution Trace Cache, 2 MB L2 cache,  
2 GB main memory

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