


CASE STUDY



infopulse


ONE OF THE
BIG FOUR

Optimizing SAP HANA DB Performance for a Global Audit & Consultancy Company

Faster report generation and higher user satisfaction with improved
SAP HANA performance

Client: Global Audit & Consultancy Company

Industry: Professional Services

Location: USA

Employees: 100,000+

BUSINESS CHALLENGE

Our customer, One of the Big Four Global Audit and Consulting Companies, has multiple DWH and BI solutions deployed on SAP HANA DB. Due to the large size of the company, and the long-term utilization of SAP HANA DB, different teams of software engineers developed the solutions at separate times. This deteriorated the system's consistency and generated a wide range of dependencies between various reports and ETL processes. Consequently, this hampered the overall SAP HANA DB performance and resulted in:

- Prolonged period of report generation;
- Substantial financial losses due to redundant labor efforts;
- Inefficient use of hardware and IT infrastructure;
- Aggravated service quality that significantly decreased end-user satisfaction.

SOLUTION

As a long-term certified SAP partner and full value chain vendor of SAP services and solutions, Infopulse offered to conduct a SAP HANA DB performance audit, a special service targeted to address the challenges related to SAP HANA DB productivity. During the performance audit, our experts:

- Analyzed the most resource-intensive SAP HANA DB objects;
- Precisely identified the code misalignments that hamper the DB performance;
- Resolved all of the DB issues in accordance with the best practices;
- Conducted an additional in-depth analysis of the general SAP HANA DB configuration for compliance with SAP recommendations.

TECHNOLOGIES

SAP HANA DB

SAP HANA Studio

Python 3.X.X

PyCharm Community Edition

wkhtmltopdf tool

BUSINESS VALUE

By conducting the SAP HANA performance audit our experts managed to identify and resolve all of the existing bottlenecks and mitigate a range of potential issues that could hamper the DB productivity. As a result, our customer benefited from:

- Top-notch performance of the SAP HANA DB;
- Error-free DB configuration in accordance with SAP best practices;
- Enhanced analytic operations and reduced execution time of BI reports;
- Improved use of IT infrastructure;
- Significant cost-savings due to reduced labor efforts;
- Excellent service quality that resulted in higher user satisfaction.



ABOUT INFOPULSE

Infopulse, part of the leading Nordic digital services company TietoEVERY, is an international vendor of services in the areas of Software R&D, Application Management, Cloud & IT Operations, and Cybersecurity to SMEs and Fortune 100 companies across the globe. Founded in 1991, the company has a team of over 2,000 professionals and is represented in 7 countries across Europe and North America. Infopulse is trusted by many established brands, such as BICS, Bosch, British American Tobacco, Citrix, Credit Agricole, ING Bank, Gorenje, METRO Cash & Carry, Microsoft, Mondelēz, OTP Bank, Raiffeisen Bank Aval, SAP, UkrSibbank BNP Paribas Group, VEON, Vodafone, and others.

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