

Preface

The Transaction Processing Performance Council (TPC) is a non-profit organization established in August 1988. Over the years, the TPC has had a significant impact on the computing industry's use of industry-standard benchmarks. Vendors use TPC benchmarks to illustrate performance competitiveness for their existing products, and to improve and monitor the performance of their products under development. Many buyers use TPC benchmark results as points of comparison when purchasing new computing systems.

The information technology landscape is evolving at a rapid pace, challenging industry experts and researchers to develop innovative techniques for evaluation, measurement, and characterization of complex systems. The TPC remains committed to developing new benchmark standards to keep pace with these rapid changes in technology. One vehicle for achieving this objective is the TPC's sponsorship of the Technology Conference Series on Performance Evaluation and Benchmarking (TPCTC) established in 2009. With this conference series, the TPC encourages researchers and industry experts to present and debate novel ideas and methodologies in performance evaluation, measurement, and characterization.

This book contains the proceedings of the 7th TPC Technology Conference on Performance Evaluation and Benchmarking (TPCTC 2015), held in conjunction with the 40th International Conference on Very Large Data Bases (VLDB 2015) in Kohala Coast, Hawaii, USA, from August 31 to September 4, 2014, including eight selected peer-reviewed papers, a keynote, and a vision paper.

The hard work and close cooperation of a number of people contributed to the success of this conference. We would like to thank the members of the TPC and the organizers of VLDB 2015 for their sponsorship; the members of the Program Committee and Publicity Committee for their support; and the authors and the participants who are the primary reason for the success of this conference.

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