第一图书网, tushu007.com

<<SAP HANA内存计算技术项目实战指>>

图书基本信息

书名: <<SAP HANA内存计算技术项目实战指南>>

13位ISBN编号:9787302306344

10位ISBN编号:7302306346

出版时间:2012-11

出版时间:清华大学出版社

作者:潘明惠,徐莲荫等著

页数:366

版权说明:本站所提供下载的PDF图书仅提供预览和简介,请支持正版图书。

更多资源请访问:http://www.tushu007.com

内容概要

Based on HANA project experience with 36 validation scenarios of in-memory computing technology accumulated by large power companies , this book consisting of 12 chapters , describes in a detailed way how to use SAP HANA to meet query and analysis needs from business application systems; how to choose business and capture real-time data for decision-making analysis and business information query under the underserved circumstance; how to make use of a variety of modelling tools offered by HANA for modelling; how to choose a presentation tool to complete analysis report; how to obtain the balance between models and analytical tools for better analytical performance; how to deploy the roll-out; how to manage , run and maintain the system after the roll-out; and the management priorities of the HANA executive project.

作者简介

Pan Minghui is CIO of Liaoning Electric Power Company , senior engineer with Ph.D. degree , adjunct professor of Harbin Institute of Technology , outstanding expert of SGCC , member of Liaoning Provincial Committee of Experts on information technology , and member of Experts on major National Scientific and Technological Project. Dr. Pan has won 1 First National Scientific and Technological Progress Prize , 1 Second Prize and 19 other provinces and ministeral level awards. He has published 42 scientific papers and Engineering of Information Network Security Theories and Applications , Informationlization Engineering Theories and Applications , 200 Questions and Answers for Informationlization Engineering Technology , Introduction to Knowledge of Computer and Information Network , Experience of Electric Power Industry , SAP HANA Project Implementation Guide and SAP ERP Exam Questions Inventory 7 books.

书籍目录

Chapter 1 IntroductionChapter 2 Evolution of Computer and Origin of In-memory Computing Technology2.1 Evolution of Computer 2.1.1 Changes of Generations of Computer 2.1.2 Development of Processor 2.1.3 History of Memory2.2 Origin of In-memory Computing Technology2.2.1 Business Needs2.2.2 Development of Hardware.2.2.3 Software Technology Innovation2.3 ConclusionsChapter 3 Features of SAP HANA In-memory Computing Technology 3.1 Profiles of Main In-memory Computing Technology Products 3.1.1 SAP HANA 3.1.2 Oracle Exalytics 3.1.3 Oracle Times Ten 3.1.4 IBM Solid DB3.2 Characteristics of SAP HANA memory technology3.2.1 Efficient Parallel Processing Mechanism3.2.2 Memory-based Efficient Data Read and Process3.2.3 Efficient Data Compression to Optimize Memory Utilization3.2.4 Row-column Storage Mixed-mode3.2.5 Virtual Modelling to Reduce Data Redundancy3.2.6 Data-intensive Computing at the Database Layer3.2.7 Other Characteristics of SAP HANA3.3 Conclusions Chapter 4 Basic Knowledge of SAP HANA In-memory Computing Technology Application 4.1 SAP HANA Appliance Architecture 4.1.1 HANA In-memory Computing Engine 4.1.2 HANA Studio4.1.3 Presentation Layer of HANA4.1.4 HANA-Enabled Data Sources4.2 SAP HANA Applicable Hardware Servers4.2.1 SAP HANA Applicable Platform Requirements4.2.2 Explanation of Adaptability of SAP HANA to P7704.2.3 Instruction of Support of HANA to Superdome and rx864.2.4 Conclusions of Analysis on SAP HANA Applicable Platform4.3 SAP HANA Studio (HANA Studio) 4.3.1 System Requirements4.3.2 Enabling Platforms4.3.3 Functions of HANA Studio4.4 SAP HANA Reporting Presentation Tools4.4.1 HANA Database Access Interfaces 4.4.2 HANA Reporting Presentation Tools 4.5 SAP HANA Application Restrictions Chapter 5 Data Extraction Mechanism of SAP HANA5.1 Trigger-Based Replication-SLT Data Synchronization 5.1.1 Initialization Import 5.1.2 Incremental Updating 5.1.3 SLT Data Synchronization Features 5.2 ETL-Based Replication-DS Data Synchronization 5.2.1 Data Service Modelling Tools 5.2.2 Data Initialization Import and Incremental Updating 5.2.3 Features of DS Data Synchronization 5.2.4 Components Required by ETL-Based Data Synchronization5.3 Log-Based Replication-SRS Data Synchronization5.3.1 Data Initialization Import and Incremental Updating 5.3.2 Features of SRS Data Synchronizatio 5.3.3 Components of Log-Based Data Synchronization 5.4 Comprehensive Comparison of Three Data Replication Technologies Chapter 6 System Security and Privilege Management of SAP HANA6.1 User Management and Authentication6.1.1 User Management Tools and Validation 6.1.3 Standard Users and Roles 6.2 Authorization 6.2.1 Authorization ConceptsChapter 7 SAP HANA Modelling TechniquesChapter 8 Applications of SAP HANA In-memory Computing TechnologyChapter 9 SAP HANA PoC Project Conducted by LNEPCChapter 10 Project Management of SAP HANA ImplementationChapter 11 SAP HANA System BuildingChapter 12 Experience and Recommendations on SAP HANA SystemReferenceAppendix 1 Manual for HANA System Server InstallationAppendix 2 Manual for Installation of HANA Studio and BO 4.0 ClientAppendix 3 Manual for HANA-SLT data provisioning trainingAppendix 4 Manual for HANA Modelling OperationAppendix 6 Manual for System **Deployment-Production System Preparation**

版权说明

本站所提供下载的PDF图书仅提供预览和简介,请支持正版图书。

更多资源请访问:http://www.tushu007.com