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Oracle Database 12c New Features

Bob Bryla, Robert G. Freeman



Oracle Database 12c New Features:

Oracle Database 12c New Features Robert G. Freeman, 2013-12-13 Maximize the New and Improved Features of Oracle Database 12c Written by Master Principle Database Expert Oracle and Oracle ACE Robert G Freeman this Oracle Press guide describes the myriad new and enhanced capabilities available in the latest Oracle Database release Inside you ll find everything you need to know to get up and running quickly on Oracle Database 12c Supported by running commentary from world renowned Oracle expert Tom Kyte and with additional contributions by Oracle experts Eric Yen and Scott Black Oracle Database 12c New Features offers detailed coverage of Installing Oracle Database 12c Architectural changes such as Oracle Multitenant The most current information on upgrading and migrating to Oracle Database 12c The pre upgrade information tool and parallel processing for database upgrades Oracle Real Application Clusters new features such as Oracle Flex Cluster Oracle Flex Automatic Storage Management and Oracle Automatic Storage Management Cluster File System Oracle RMAN enhancements including cross platform backup and recovery Oracle Data Guard improvements such as Fast Sync and Oracle Active Data Guard new features such as Far Sync SQL PL SQL DML and DDL new features Improvements to partitioning manageability performance and availability Advanced business intelligence and data warehousing capabilities Security enhancements including privileges analysis data redaction and new administrative level privileges Manageability performance and optimization improvements

Oracle Database 12c Release 2 New Features Bob Bryla, Robert G. Freeman, 2017-04-24 Leverage the New and Improved Features of Oracle Database 12c Written by Oracle experts Bob Bryla and Robert G Freeman this Oracle Press guide describes the myriad new and enhanced capabilities available in the latest Oracle Database release Inside you ll find everything you need to know to get up and running quickly on Oracle Database 12c Release 2 Supported by contributions from Oracle expert Eric Yen Oracle Database 12c Release 2 New Features offers detailed coverage of Installing Oracle Database 12c and Grid Infrastructure Architectural changes such as Oracle Multitenant The most current information on upgrading and migrating to Oracle Database 12c The pre upgrade information tool and parallel processing for database upgrades Oracle Real Application Clusters new features such as Oracle Flex Cluster Oracle Flex Automatic Storage Management and Oracle Automatic Storage Management Cluster File System Enhanced and new online operations tables indexes and PDBs Oracle RMAN enhancements including cross platform backup and recovery Oracle Data Guard improvements such as Fast Sync and Oracle Active Data Guard new features such as Far Sync SQL PL SQL DML and DDL new features Improvements to partitioning manageability performance and availability Advanced business intelligence and data warehousing capabilities Security enhancements including privileges analysis data redaction and new administrative level privileges Manageability performance and optimization improvements

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Corey, 2013-10-14 Master the Fundamentals of Oracle Database 12c Filled with easy to follow tutorials this Oracle Press

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Oracle 12c For Dummies Chris Ruel, Michael Wessler, 2013-10-24 Demystifying the power of the Oracle 12c database The Oracle database is the industry leading relational database management system RDMS used from small companies to the world s largest enterprises alike for their most critical business and analytical processing Oracle 12c includes industry leading enhancements to enable cloud computing and empowers users to manage both Big Data and traditional data structures faster and cheaper than ever before Oracle 12c For Dummies is the perfect guide for a novice database administrator or an Oracle DBA who is new to Oracle 12c The book covers what you need to know about Oracle 12c architecture software tools and how to successfully manage Oracle databases in the real world Highlights the important features of Oracle 12c Explains how to create populate protect tune and troubleshoot a new Oracle database Covers advanced Oracle 12c technologies including Oracle Multitenant the pluggable database concept as well as several other key changes in this release Make the most of Oracle 12c s improved efficiency stronger security and simplified management capabilities with Oracle 12c For

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and temporal validity Electronic content includes 170 practice exam questions with detailed answer explanations **Oracle Database 12c DBA Handbook** Bob Bryla,2015-07-03 The definitive reference for every Oracle DBA completely updated for Oracle Database 12c Oracle Database 12c DBA Handbook is the quintessential tool for the DBA with an emphasis on the big picture enabling administrators to achieve effective and efficient database management Fully revised to cover every new feature and utility this Oracle Press guide shows how to harness cloud capability perform a new installation upgrade from previous versions configure hardware and software handle backup and recovery and provide failover capability The newly revised material features high level and practical content on cloud integration storage management performance tuning information management and the latest on a completely revised security program Shows how to administer a scalable flexible Oracle enterprise database Includes new chapters on cloud integration new security capabilities and other cutting edge features All code and examples available online *Expert Oracle Database Architecture* Thomas Kyte,Darl Kuhn,2014-11-10 Now in its third edition this best selling book continues to bring you some of the best thinking on how to apply Oracle Database to produce scalable applications that perform well and deliver correct results Tom Kyte and Darl Kuhn share a simple philosophy you can treat Oracle as a black box and just stick data into it or you can understand how it works and exploit it as a powerful computing environment If you choose the latter then you ll find that there are few information management problems that you cannot solve quickly and elegantly This fully revised third edition covers the developments up to Oracle Database 12c Significant new content is included surrounding Oracle s new cloud feature set and especially the use of pluggable databases Each feature is taught in a proof by example manner not only discussing what it is but also how it works how to implement software using it and the common pitfalls associated with it Don t treat Oracle Database as a black box Get this book Get under the hood Turbo charge your career Revised to cover Oracle Database 12c Proof by example approach Let the evidence be your guide Dives deeply into Oracle Database s most powerful features **Oracle 12c New Features, Part I LiveLessons** James Czuprynski,2015 4 Hours of Video Instruction Overview In the wake of the release of Oracle Database 12 c R1 and its most recent upgrade 12 1 0 2 many IT organizations are at last turning their attention to evaluating experimenting with and implementing the myriad features of this latest release Description Oracle ACE Director Jim Czuprynski demonstrates how to take advantage of these new features to Speed query execution Conserve disk space Implement true storage tiering Manage maintenance of partitioned objects effectively Perform database backups and recovery quickly and efficiently About the Instructor Jim Czuprynski s information technology experience spans three decades He served in diverse roles at several Fortune 1000 companies as a mainframe programmer applications developer business analyst and project manager before becoming an Oracle DBA in 2001 He currently holds OCP certification for Oracle 9i 10g and 11g He was awarded the status of Oracle ACE Director in March 2014 Jim writes regularly about the myriad facets of Oracle database administration with over a hundred articles to his credit since 2003 Find them at

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Alapati, 2018-02-22 This comprehensive guide has been fully updated to cover the latest features and tools of Oracle Real Application Clusters 12c Through clear instruction and detailed examples Oracle Database 12c Real Application Clusters Handbook Concepts Administration Tuning and Troubleshooting teaches how to build configure and maintain a dynamic enterprise computing infrastructure This thoroughly revised edition covers best uses for the latest tools and features all from the practical standpoint of a working DBA You will discover how to prepare hardware configure the software optimize data integrity and integrate seamless failover protection Brand new flex and large cluster technologies are explained in full detail and readers will get complete solutions for securing data and continuing business operations in the event of hardware failure Presents all the new information needed to effectively use Oracle Real Application Clusters 12c considered the most radical overhaul ever Offers detailed coverage of troubleshooting performance tuning and application development

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