

Oracle Database 12c New Features

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Oracle 12c New Features | Oracle 12C | Oracle Database 12c New Features | Oracle Database 12c R2 \u0026 R1 New Features for DBA and Developers by Biju Thomas Five Oracle 12c SQL, PL/SQL New Features To Take Advantage Of - John Mullins ~~Learn Oracle 12c New Features for DBAs~~ Oracle Database 12c New Features Tutorial - Enhanced Online Move Capabilities Oracle 12c Database New Features - Pluggable Database - Video 1 PL/SQL New Features in 12c and 12c By Steven Feuerstein Oracle Database 12c: Introduction to a Multitenant Environment with Tom Kyte Oracle Database 12c: Enhanced Optimizer Statistics with Tom Kyte Oracle 12c New Feature JSON Functions in SQL Oracle Database 12c New Features Oracle is destined to beat Amazon at cloud database: Larry Ellison Oracle Autonomous Database: The Role of the DBA Data Reduction in Oracle Database 12c How to Install and Configure Oracle 12c Release 1 in Windows 8-64-bit. What's New in Oracle Database 12c Oracle DBA 12c Training Videos - Oracle DBA Tutorial for Beginners - BigClasses Oracle 12c Database - How to Install Oracle 12c Database in Windows 10 What is Oracle Exadata? What is Pluggable Database - New Feature of Oracle 12c Database

Oracle RAC 12c Release 2 New Features Ask Tom Answer Team (Connor McDonald and Chris Saxon) on Oracle Database 12c Release 2 New Features Oracle Database 12c: Adaptive Execution Plans with Tom Kyte Oracle 12c Database New Features - CloneDB - Video 2 Oracle Database 12c New Features What's New in 12.2: Oracle Database 12.2 New Features by Charles Kim and Rich Niemiec Cool Stuff for DBAs in Oracle Database 19c Oracle 12c new feature | Oracle LATERAL Inline View from 12.1 onwards Oracle Database 12c Multitenant Architecture Overview

The new Oracle Active Data Guard far sync and real-time cascade features introduced a number of additional use cases for alternate destinations that the Oracle Database 12 c Release 1 (12.1) model was unable to support. This enhanced support for alternate destinations greatly increases the number of different use cases that can now be supported with complete user configuration control and completely automatic management.

Oracle Database 12c Release 2 (12.2) New Features

1 Oracle Database 12 c Release 1 (12.1.0.2) New Features 1.1 Advanced Index Compression. Advanced Index Compression works well on all supported indexes, including those indexes... 1.2 Approximate Count Distinct. The new and optimized SQL function, APPROX_COUNT_DISTINCT (), provides approximate ...

Oracle Database 12c Release 1 (12.1.0.2) New Features

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. 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 ...

Oracle Database 12c New Features: Amazon.co.uk: Freeman ...

Oracle database 12c has about 500+ new features when compared to 11gR2. Among these features there will be some which get the mainstream attention. But often little caveats or enhancements prove to be as vital as the big ones. One such enhancement is the ability to have multiple indexes on same column or same set of columns.

Essential Oracle 12c Database New Features - VitalSoftTech

Read Oracle Database 12c New Features - Part 2 Redgate Deploy is the solution to automate database deployments so that software can be delivered more frequently and reliably. From versioning to Continuous integration and repeatable deployments, Redgate Deploy enables Continuous delivery of database changes for SQL Server, Oracle and 18 other databases.

Oracle Database 12c New Features - Part 1 - Simple Talk

Oracle Database 12c: New Features for Administrators Ed 2, In the Oracle Database 12c: New Features for Administrators Ed 2 course, you'll learn about the new and enhanced features and options of Oracle Database 12c. Expert instructors will teach you how these features and options increase security, manageability and performance.

Oracle Database 12c: New Features for Administrators Ed 2

Oracle Database 12c R2: High Availability New Features, The Oracle Database 12c R2: High Availability New Features course covers High Availability new features introduced in the Oracle Database 12c Release 2. Focus areas include Clusterware, ASM, ACFs, RAC, and Data Guard.

Oracle Database 12c R2: High Availability New Features

In this section I will give you different Oracle 12c New features which are very much helpful for the performance tuning of database. These features are important to improve the database performance as compare to oracle 11g. 1.Advanced Indexing Techniques :

Oracle 12c New Features | Latest Features of Oracle 12c

Oracle Database 12c R2: New Features for Administrators Part 1, Throughout the lessons of the Oracle Database 12c R2: New Features for Administrators Part 1 course constituted by three modules; the Using SQL New Features and Tools, the Understanding DB Architectures, and the Diagnosing Database Problems, students receive a good knowledge of the Oracle Database 12c Release 2 new and enhanced features in different areas of database administration, mainly in on-premises Multitenant databases.

Oracle Database 12c R2: New Features for Administrators Part 1

1 Oracle Database 12 c Release 1 (12.1.0.2) New Features. 1.1 Advanced Index Compression; 1.2 Approximate Count Distinct; 1.3 Attribute Clustering; 1.4 Automatic Big Table Caching; 1.5 FDA Support for CDBs; 1.6 Full Database Caching; 1.7 In-Memory Aggregation; 1.8 In-Memory Column Store; 1.9 JSON Support; 1.10 New FIPS 140 Parameter for Encryption; 1.11 PDB CONTAINERS Clause

Database New Features Guide - Contents - Oracle

Oracle Database 12c makes the process far faster and simpler, enabling the high density of schema-based consolidation- without requiring changes to existing applications. To make this possible, a single, multitenant container database can now host many "pluggable" databases.

Oracle Database 12c | Oracle India

The updated Create Application Wizard features a new low-code approach to creating applications and simpler, modernized wizards for creating applications. The Create Application Wizard now supports the ability to create advanced pages such as Dashboards and Master-Detail.

Oracle Database Release 19c New Features

Oracle Database 12c The world's first database designed for the cloud. Over successive releases of Oracle Database, Oracle continues to simplify customers' efforts to standardize, consolidate, and automate database services.

Database 12c | Oracle

Oracle Database 12c Release 2 New Features starts by showing, step-by-step, how to handle the installation, configuration, migration, and upgrade processes. From there, you will learn to effectively deploy new enhancements to Oracle Multitenant, Oracle In-Memory, and big data analytics.

Oracle Database 12c Release 2 New Features (Oracle Press ...

Approximate query processing (available since Oracle Database 12c Release 1) aims to deliver faster results for these queries. The approximate results are not identical to the exact results but they are very close. New approximate SQL functions for rank, sum and count are now available for Top-N style queries.

Oracle Database Release 18c New Features

Oracle Database 12c: Oracle XML DB New Features . Learn the Oracle Database 12c XML DB new features. In this self-study, you will learn about: XQuery update recommendations; XQuery full text; Manageability using DBMS_XMLSCHEMA_ANNOTATE and DBMS_XMLSTORAGE_MANAGE; Duration: 69 mins. Type: eCourse. Released: 6.9 years ago

Oracle Database 12c Learning Library

Also, the primary focus of Oracle 19c is more on improving software stability than adding a bumper crop of features, according to Oracle. The new version is due to be the last in the Oracle Database 12c Release 2 product family, renamed to hew to the annual update schedule that the company adopted starting with the delivery of Oracle Database 18c earlier this year.

This Oracle Press guide illuminates and details the revolutionary new features and tools available in Oracle Database 12c.

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 • 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

Expert Consolidation in Oracle Database 12c is your key to reducing data management costs and increasing data center efficiency. Consolidation and cloud computing are converging trends sweeping the industry. The same technologies enabling cloud computing enable consolidation as well, leading to savings on all fronts from the amount of power used for servers to the amount of floor space consumed to the number of administrators needed to manage an installation. Yet the consolidation process can be a long and winding road. Success requires planning, and consideration to the impacts on supporting infrastructure. Expert Consolidation in Oracle Database 12c guides you through planning and implementing a consolidated Oracle Database installation using the many new features built into the latest release of Oracle's database management system. You'll learn to identify candidates for consolidation and to recognize instances that are best left stand-alone. The book guides in working with clustered systems and ASM storage in the consolidated environment. Focus is given to Oracle Enterprise Manager 12c Cloud Control as a monitoring and management dashboard. Always the goal is to drive towards a cost-effective environment that is efficient both in technology and people. Focuses on the new consolidation features in Oracle Database 12c Helps you evaluate and correctly decide when to consolidate Leads to cost savings and improved data center efficiency

Demystifying the power of the Oracle 12c database The Oracle database is the industry-leading relational database management system (RDBMS) 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 Dummies.

Pro Oracle Database 11g Administration is a book focused on results. Author Darl Kuhn draws from a well of experience over a decade deep to lay out real-world techniques that lead to success as an Oracle Database administrator. He gives clear explanations on how to perform critical tasks. He weaves in theory where necessary without bogging you down in unneeded detail. He is not afraid to take a stand on how things should be done. He won't leave you adrift in a sea of choices, showing you three ways to do something and then walking away. Database administration isn't about passing a certified exam, or about pointing-and-clicking your way through a crisis. Database administration is about applying the right solution at the right time, about avoiding risk, about making robust choices that get you home each night in time for dinner with your family. If you have "buck stops here" responsibility for an Oracle database, then Pro Oracle Database 11g Administration is the book you need to help elevate yourself to the level of Professional Oracle Database Administrator. Condenses and organizes the core job of a database administrator into one volume. Takes a results-oriented approach to getting things done. Lays a foundation upon which to build a senior level of expertise

Master the Fundamentals of Oracle Database 12c Filled with easy-to-follow tutorials, this Oracle Press guide provides detailed coverage of core database concepts, the role of the administrator, and enterprise database capabilities. Oracle Database 12c: Install, Configure & Maintain Like a Professional walks you through database configuration, administration, programming, backup and recovery, and high availability. You'll get in-depth introductions to SQL and PL/SQL as well as important information on managing large databases and using Oracle's engineered systems. This essential beginner's resource features: Critical Skills--Lists of specific skills covered in each chapter Projects--Practical exercises that show how to apply the critical skills learned in each chapter Progress Checks--Quick self-assessment sections to check your progress Ask the Expert--Q&A sections filled with helpful tips Notes--Extra information related to the topic being covered Mastery Checks--Chapter-ending quizzes to test your knowledge

Master the Cutting-Edge Features of Oracle Database 12c Maintain a scalable, highly available enterprise platform and reduce complexity by leveraging the powerful new tools and cloud enhancements of Oracle Database 12c. This authoritative Oracle Press guide offers complete coverage of installation, configuration, tuning, and administration. Find out how to build and populate Oracle databases, perform effective queries, design applications, and secure your enterprise data. Oracle Database 12c: The Complete Reference also contains a comprehensive appendix covering commands, keywords, features, and functions. Set up Oracle Database 12c or upgrade from an earlier version Design Oracle databases and plan for application implementation Construct SQL and SQL*Plus statements and execute powerful queries Secure data with roles, privileges, and encryption Move data with SQL*Loader and Oracle Data Pump Restore databases using flashback and the Oracle Database Automatic Undo Management feature Build and deploy PL/SQL triggers, procedures, and packages Work with Oracle pluggable and container databases Develop database applications using Java, JDBC, and XML Optimize performance with Oracle Real Application Clusters

The book follows a tutorial-based approach, covering all the best practices for backup and recovery. The book starts by introducing readers to the world of backup and recovery, then moves on to teach them the new features offered by Oracle 12c. The book is full of useful tips and best practices that are essential for any DBA to perform backup and recovery operations in an organization. This book is designed for Oracle DBAs and system administrators. The reader will have a basic working experience of administering Oracle databases. This book is designed for Oracle DBAs and system administrators. This book will become a reference guide and will also help you to learn some new skills, and give you some new ideas you never knew about, helping you to easily find the solution to some of the most well-known problems you could encounter as DBAs.

Best Practices for Comprehensive Oracle Database Security Written by renowned experts from Oracle's National Security Group, Oracle Database 12c Security provides proven techniques for designing, implementing, and certifying secure Oracle Database systems in a multitenant architecture. The strategies are also applicable to standalone databases. This Oracle Press guide addresses everything from infrastructure to audit lifecycle and describes how to apply security measures in a holistic manner. The latest security features of Oracle Database 12c are explored in detail with practical and easy-to-understand examples. Connect users to databases in a secure manner Manage identity, authentication, and access control Implement database application security Provide security policies across enterprise applications using Real Application Security Control data access with Oracle Virtual Private Database Control sensitive data using data redaction and transparent sensitive data protection Control data access with Oracle Label Security Use Oracle Database Vault and Transparent Data Encryption for compliance, cybersecurity, and insider threats Implement auditing technologies, including Unified Audit Trail Manage security policies and monitor a secure database environment with Oracle Enterprise Manager Cloud Control

Oracle Database 12c is the newest version of the Oracle flagship product. Arguably the biggest new feature for Oracle Database, Multitenant ushers in a totally new database architecture for Oracle. This book first provides an introduction to the Multitenant architecture. Then it takes the reader through the process of creating an Oracle database capable of creating the keystone of the multitenant database - the Pluggable Database. The reader will also learn how to administer the multitenant database. They will learn about a new type of Oracle user called the common user. The reader will learn how to create a common user and manage security issues related to common users and PDBs. Chapter of Contents for Book One: 1INTRODUCTION TO ORACLE MULTITENANT 2CREATING THE CDB 3CREATING AND REMOVING PDBS 4ADMINISTRATION OF CDB AND PDB DATABASES 5BASIC USER AND ADMINISTRATION OF MULTITENANT DATABASES

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