

Oracle Database 12c New Features

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Oracle 12c New Features || Oracle 12C || Oracle Database 12c New Feature ||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 18c 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 12cR2 New Features~~ Oracle is destined to beat Amazon at cloud database: Larry Ellison Oracle Autonomous Database: The Role of the DBA Data Redaction in Oracle Database 12c ~~How to install and configure Oracle 12c Release 1 in Windows 8 64 bit. What's New in Oracle Database 19c~~ 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 FeaturesAsk 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 19c 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

Oracle Database 12c New Features

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 I - 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 :

Where To Download Oracle Database 12c New Features

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.

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

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

Where To Download Oracle Database 12c New Features

covered Mastery Checks--Chapter-ending quizzes to test your knowledge

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

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 (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 Dummies.

Learn all of the available upgrade and migration methods in detail to move to Oracle Database version 12c. You will become familiar with database upgrade best practices to complete the upgrade in an effective manner and understand the Oracle Database 12c patching process. So it's time to upgrade Oracle Database to version 12c and you need to choose the appropriate method while considering issues such as downtime. This book explains all of the available upgrade and migration methods so you can choose the one that suits your environment. You will be aware of the practical issues and proactive measures to take to upgrade successfully and reduce unexpected issues. With every release of Oracle Database there are new features and fixes to bugs identified in previous versions. As each release becomes obsolete, existing databases need to be upgraded. Oracle Database Upgrade and Migration Methods explains each method along with its strategy, requirements, steps, and known issues that have been seen so far. This book also compares the methods to help you choose the proper method according to your constraints. Also included in this book: Pre-requisite patches and pre-upgrade steps Patching to perform changes at the binary and database level to apply bug fixes What You Will Learn: Understand the need and importance of database upgrading and migration Be aware of the challenges associated with database upgrade decision making Compare all upgrade/migration methods Become familiar with database upgrade best practices and recommendations Understand database upgrade concepts in high availability and multi-tenant environments Know the database downgrade steps in case the upgraded database isn't compatible with the environment Discover the features and benefits to the organization when it moves from the old database version to the latest database version Understand Oracle 12c patching concepts Who This Book Is For: Core database administrators, solution architects, business consultants, and database architects

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

Secure your Oracle Database 12c with this valuable Oracle support resource, featuring more than 100 solutions to the challenges of protecting your data About This Book Explore and learn the new security features introduced in Oracle Database 12c, to successfully secure your sensitive data Learn how to identify which security strategy is right for your needs — and how to apply it Each 'recipe' provides you with a single step-by-step solution, making this book a vital resource, delivering Oracle support in one accessible place Who This Book Is For This book is for DBAs, developers, and architects who are keen to know more about security in Oracle Database 12c. This book is best suited for beginners and intermediate-level database security practitioners. Basic knowledge of Oracle Database is expected, but no prior experience of securing a database is required. What You Will Learn Analyze application privileges and reduce the attack surface Reduce the risk of data exposure by using Oracle Data Redaction and Virtual Private Database Control data access and integrity in your organization using the appropriate database feature or option Learn how to protect your databases against application bypasses Audit user activity using the new

Where To Download Oracle Database 12c New Features

auditing architecture Restrict highly privileged users from accessing data Encrypt data in Oracle Database Work in a real-world environment where a multi-layer security strategy is applied In Detail Businesses around the world are paying much greater attention toward database security than they ever have before. Not only does the current regulatory environment require tight security, particularly when dealing with sensitive and personal data, data is also arguably a company's most valuable asset - why wouldn't you want to protect it in a secure and reliable database? Oracle Database lets you do exactly that. It's why it is one of the world's leading databases with a rich portfolio of features to protect data from contemporary vulnerabilities, it's the go-to database for many organizations. Oracle Database 12c Security Cookbook helps DBAs, developers, and architects to better understand database security challenges. Let it guide you through the process of implementing appropriate security mechanisms, helping you to ensure you are taking proactive steps to keep your data safe. Featuring solutions for common security problems in the new Oracle Database 12c, with this book you can be confident about securing your database from a range of different threats and problems. Style and approach Each chapter explains the different aspects of security through a series of recipes. Each recipe presents instructions in a step-by-step manner, supported by explanations of the topic.

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

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, virtualization, 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

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