

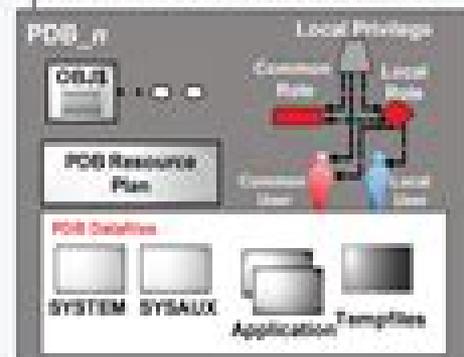
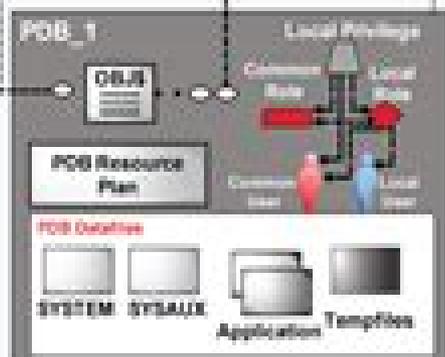
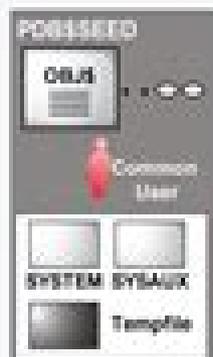


**Multitenant Container Database (CDB)**

**Root Database (CDB\$ROOT)**



CDB Instance PDB\_1 ... PDB\_n



**Root Files**



# Oracle Database 12c New Features

**Anton Els, Vit Špinka, Franck Pachot**



## **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

[Oracle 12c Release 2 New Features & The Oracle Cloud](#) David Yahalom,2017 [Oracle 12c: New Features](#) ,2017 Oracle 12c is often considered the next generation of the Oracle database It s one of the most radically enhanced versions of the Oracle database in recent

years boasting an array of new features and capabilities for developers and DBAs Mastering these new features is essential to fully utilizing the capacities of Oracle 12c In this course David Yahalom shows how to take advantage of the most useful new enhancements available in Oracle 12c From the pluggable database architecture which enables easy multitenancy and cloud deployments to the new In Memory Column Store that can dramatically boost analytical query performance David helps you master all the top new features

*Oracle Database 12c Install, Configure & Maintain Like a Professional* Ian Abramson, Michael Abbey, Michelle Malcher, Michael J. Corey, 2013-10-14 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

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Scott Gaetjen, David Knox, William Maroulis, 2015-01-09 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 12c New Features](#) James Czuprynski, 2015 In the wake of the release of Oracle Database 12c 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 Resource description page

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