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Database Manage all aspects of Oracle databases with GUI Enterprise Manager. It provides a single source reference for administration of Oracle database in a small Midsize environment, using the graphical user interface of the Oracle Enterprise Manager database control. If you have familiar with computers, but don't familiar with the administration of the Oracle database and your computer has four CPUs or not, and you don't expect to support more than 500 users, this book is appropriate for you. 2 days + performance tuning guide 2 days + actual application guide Guide to applications 2 days + data storage guide presents data warehousing solutions available in the Oracle database and discusses how to perform common daily activities needed to implement and administer a date Warehouse. This guide also provides information about the design activities needed to maintain the operating date warehouse, included how to perform basic performance monitoring activities. Build applications around Oracle databases using languages and platforms of your choice. Explains the general concepts at the base of development with the Oracle database, introduces the basic functionality of SQL and PL / SQL and provides references to in-depth information in other parts of the Oracle database library. 2 days + Developer Guide PHP 2 Day + .NET Developer Guide for Microsoft Windows serves as a quick start guide, which describes Oracle Technologies for Microsoft .NET Framework, including the key features of the Oracle data provider for .NET tools Oracle Developer for. Visual Studio. It leads you through installation and configuration, shows how to create basic applications using Oracle .NET products and how to create and use PL / SQL and Stored .NET procedures. Information needed for the latest version. It provides an overview of 11.2.0.1, 11.2.2, 11.2.0.3 and 11.2.0.4 Features, options and improvements that are new in each of these database outputs. The support documentation deals with advanced topics. In general, 2 2 days books refer to these topics when needed. Describes how to create, configure and administer an Oracle database. Includes sections on Oracle Scheduler, Oracle Database Resources Manager, Oracle Restart and Distributed Calculation. Provides reference information on database initialization parameters, static data views, dynamic performance displays, database limits and SQL scripts that are part of the Oracle database. Describes error messages that may appear while using products that are part of the Oracle database. The "Essentials" database covers the administration activities of daily databases, as performed using the GUI Enterprise Manager. "Support documentation" includes the concept of depths, the task and the reference material. 2 days DBA covers activities and general database administration concepts. Every 2 days + book covers activities and more specialized concepts for advanced specific topics. All activities are presented in the GUI Enterprise Manager. The support documentation describes the methods based on the command line. It provides a single source reference for administration of Oracle database in a small Midsize environment, using the graphical user interface of the Oracle Enterprise Manager database control. If you have familiar with computers, but don't familiar with the administration of the Oracle database and your computer has four CPUs or not, and you don't expect to support more than 500 users, this book is appropriate for you. 2 2-day performance point tuning guide + documentation support Treat advanced topics related to database administration. In general, books 2 days + refer to these topics when necessary. Describes how to create, configure and administer an Oracle database. Includes sections on Oracle Scheduler, Oracle Database Resources Manager, Oracle Restart and Distributed Calculation. Provides reference information on database initialization parameters, static data views, dynamic performance displays, database limits and SQL scripts that are part of the Oracle Database. Describes the error messages that They appear while using products that are part of Oracle Database. SQL instructions and PL / SQL programs and packages are widely used in the administration of Oracle databases. SQL Reference PL / SQL Language Quick Language PL / SQL Language and Packets Reference Types Describes the packages supplied with the Oracle database server. The manual is intended for programmers, systems analysts, project managers, and others interested in developing database applications. SQL Developer User Guide provides conceptual information and use on Oracle SQL Developer, a graphic tool that allows you to browse, create, modify and delete (drop) database objects; Run the SQL and script instructions; Modification and debugging of PL / SQL code; manipulate and export data; the migration of third-party databases to Oracle; display metadata and data in third-party database; And view and create reports.note: this book is for an old version of SQL Developer. You are invited to use the latest version available. See For information on downloads and documentation. Oracle SQL Developer is a powerful easy-to-use graphical interface with browsing, creating, modifying, and drag-and-drop capabilities for the management of database objects, and the creation and viewing of reports. SQL * Plus is a command line client used to perform SQL instructions and pl / SQL code compilation. SQL Developer has all the functionality of SQL * Plus in a gui-based interface. SQL Developer User Guide provides conceptual information and use on Oracle SQL Developer, a graphic tool that allows you to browse, create, modify and delete (drop) database objects; Run the SQL and script instructions; Modification and debugging of PL / SQL code; manipulate and export data; the migration of third-party databases to Oracle; display metadata and data in third-party database; And view and create reports.note: this book is for an old version of SQL Developer. You are invited to use the latest version available. See For information on downloads and documentation. Contains important information not included in the SQL * Plus user guide and reference. User Reference Guide SQL * Plus Detailed information on the functionality database used to protect data from unauthorized access. Explain how to configure an Oracle database to use the default security features. 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It also includes reference information on the views of the Data dictionary which are important for advanced replication and Safety for an advanced replication environment. Administration concepts and specific tasks for the Oracle database on a specific operating system. Platform Guide for Microsoft Windows provides specific platform information for configuring and using Oracle database software on Windows platform. The topics covered include: architecture, services, tools, configuration, administration, tuning, backup, account, password, user authentication, registry parameters, and application development. Oracle oracle Application test allows you to perform real world test of the Oracle database. Real Application Testing User's Guide of the ORACLE DATABASEDEVEVELOPER (S) Oracle CorporationInitial version1979; 42 years ago, (1979) Release stable19C [1] Ã¢ / 13 February 2019; 2 years ago ¢ (13 February 2019) Language of the scrapsembly written, C, C ++ [2] Typemulti-Model DatabaseLicenseproprietriedy [3] Sitiracle.com/Database Oracle Database (commonly referred to as Oracle DBMS or simply as Oracle) A multi-model [4] database management system produced and marketed by Oracle Corporation. It is a commonly used database for running online transaction processing (OLTP), data warehousing database workloads (DW) and mixed (OLTP & DW). Oracle Database is available from several service providers in Prem, On-Cloud or as a cloud hybrid installation. It can be run on third-party servers and on Oracle Hardware (Exadata On-Pront, on Oracle Cloud or Cloud to Customer [5]) History Larry Ellison and his two friends and former collaborators, Bob Miner and and oates, started one Consultancy called Software Development Laboratories (SDL) in 1977. SDL has developed the original version of the Oracle software. The Name Oracle derives from the name of the code of a project funded by the CIA Ellison had worked as previously employed by Ampex. [6] Reports and versions Oracle products follow a personalized numbering convention and -inaming. The "C" in the current version, Oracle Database 21C, stands for "cloud". The previous releases (E.G. Oracle database database 10g and Oracle9i) used "G" and "I" suffixes that represent the "grid" and "Internet" respectively. Before the release of the Oracle8i database, no suffix present in the naming conventions of the Oracle database. Note that there was no Oracle database V1, as co-founder Larry Ellison "knew no one would like to buy version 1". [7] The numbering of the release of Oracle RDBMS used the following codes: Oracle Database version Version Initial version of the initial release date Patchset terminal version Patchset Date of the date Marquee features Old version, no longer maintained: Oracle V2 2.3 1979 First RDBMS based on SQL available on the market Implementation of some basic and simple SQL queries JOINS [8] Old version, is no longer maintained: Oracle V3 3.1.3 1983 Competition control, data distribution and old version scalability, is no longer maintained: Oracle V4 4.1.4.0 1984 4.1.4.4 MultiVersion Read Consistency. First version available for MS-DOS. [9] [10] Old version, is no longer maintained: Oracle V5 5.0.22 (5.1.17) 1985 5.1.22 Support for calculating the client / server and distributed database systems. First version available for OS / 2. [11] Old version, no longer maintained: Oracle V6 6.0.17 1988 6.0.37 Low-level lock, scalability, backup and online recovery, PL / SQL. First version available for Novell NetWare 386. [12] Old version, no longer maintained: Oracle 6.2 6.2.0 Old version of the Parallel Oracle server, is no longer maintained: Oracle7 7.0.12 June 1992 PL / SQL Stored procedures, Trigger, Commit to 2-phase distributed, shared sliders, cost-based optimizer Version version, is no longer maintained: Oracle 7.1 7.1.0 May 1994 Parallel SQL Execution. First version available for Windows NT. [13] Old version, is no longer maintained: Oracle 7.2 7.2.0 May 1995 Shared server, XA transactions, old version of the failover for transparent application, is no longer maintained: Oracle 7.3 7.3.0 February 1996 7.3.4 Object-Relational Database Old version, no longer maintained: Oracle8 Database 8.0.3 June 1997 8.0.6 Recovery management, partitioning. First version available for Linux. Old version, no longer maintained: Oracle8i Database 8.1.5.0 1998 8.1.7.4 August 2000 Native Internet and Java protocols, Virtual Private Virtual Version Database, No more maintained: Oracle9i Database 9.0.1.0 2001 9.0.1.5 December 2003 Oracle Real Application Cluster (RAC), Oracle XML DB Old version, is no longer maintained: Oracle9i Database version 2 9.2.0.1 2002 9.2.0.8 April 2007 Advanced queuing, Data mining, Logical Vecchia standby version, no longer maintained: Oracle Database 10g Release 1 10.1.0.2 2003 10.1.0.5 February 2006 Automated Database Management, Automatic Database Diagnostic Monitor, Grid Infrastructure, Oracle ASM, Flashback Database Old Version, is no longer maintained: Oracle Database 10G Release 2 10.2.0.1 July 2005 [15] 10.0.5 April 2010 Real Application Testing, Vault Database, Online Indexing, Advanced Compression, Failover Fast-Start Data Guard, Transparent Data Encryption Vecchia Version, No more maintained: Oracle Database 11g Release 1 11.1.0.6 September 2007 11.1.0.7 September 2008 Active Data Guard, protect files, the oldest exaded version, but still maintained: Oracle Database 11g Release 2 11.2.0.1 September 2009 [16] 11.2.0.4 August 2013 Based Edition Redefinition, Data Editor, Hybrid Columnar Compression, Cluster File System, the Golden Gate of Replica, Database Appliance Older version, but still maintained: 12c or Racle Database Release 1 12.1.0.1 July 2013 [17] 12.1.0.2 July 2014 Tenant, In-Memory Store Column, Native JSON, SQL Pattern Matching, Database Cloud version Older service, but still maintained: 12C Oracle Database Release 2 12.2. 0.1 September 2016 (Cloud) March 2017 (On-Prem) Multitenant, Zero Data Recovery Application Loss, Exadata Service Cloud, Cloud to customers The oldest version, but still maintained: Oracle Database 18C 18.1.0 // 12.2.0.2 February 2018 (Cloud, Exadata) [18] July 2018 (others) [19] Polymorphic Table Functions, Active Directory Integration, Transparent Application Continuity, Approximate Top-N Query Processing, PDB Jogging Snapshot, In-line Fusion of partitions and sub-jobs version More Old, but still maintained: Oracle Database 19c 19.1.0 // 12.2.0.3 February 2019 (Exadata) [20] April 2019 (Linux) [21] Jun 2019 (Cloud) of Active Data Guard DML Redirection, Automatic the creation of the Index, real-time statis Maintenance Tics, SQL Query Points of Sale Object, In-Memory For IoT Data Flows, Hybrid Partitioned Tables, Automatic SQL Management Plan, SQL Quarantine, Zero-Downtime Grid Infrastructure Patching, Finer-Granularity Supplemental Registration, Automated PDB Current Transloco Version Stable: Oracle Database 21C 21.1 December 2020 (Cloud) [22] Blockchain Tables, Multilingual Engine - Execution JavaScript In The Database, JSON Track Data Type, For-PDB Data Guard Standby Physical (AKA Multitenant Data Guard), For-PDB Goldengate Change Capture, Auto-Management In-Memory, In-Hybrid Memory Columnar Scan, In-Memory Vector Join with SIMD, Sharding Advisor Tool, Graphical Property Visualization Studio, Automatic Materialized Views, Automatic Zone Maps, SQL Macro, Gradual Password Rollover Legend: Version Old VersionOlder, still MaintainedTest VersionLest preview VersionFuture Release the introduction to Oracle Database includes a short ST Oria on some of the main innovations introduced to every Major Release of Oracle Database. Patch and safety updates Alert Oracle Corporation Print Critical Patch Updates (CPU) or Security Patch Updates (SPU) [23] and safety notices to close security vulnerabilities. These releases are issued quarterly; Some of these versions have updates issued before the next quarterly release. Market position A 2016 Gartner Report claimed to show Oracle detention No. 1 of the market share at a worldwide RDBMS based on the revenue rate ahead of its four competitors plus a Microsoft, IBM, SAP and Teradata. [24] [Necessary verification] [Clarification required] Competition in the market for relational databases, Oracle Database competes to commercial products such as IBM DB2 UDB and Microsoft SQL Server. Oracle and IBM tend to battle for the mid-range database market on Unix and Linux platforms, while The mid-range database market dominates on Microsoft Windows platforms. However, since they share many of the same customers, Oracle and IBM tend to support each other of products in many middleware and application categories (for example: WebSphere, PeopleSoft and Siebel Siebel CRM), and IBM's hardware divisions work closely [necessary quote] with Oracle on server-technologies optimization performance (for example, Linux on IBM Z). Of niche commercial competitors include Teradata (in Data Warehousing and Business Intelligence), software AG Adabas, Sybase, Informix and IBM, among many others. More and more often, Oracle database products compete against these open-source database systems Relational and non-relational software such as PostgreSQL, MongoDB, CouchBase, Neo4j and others. Oracle has acquired innabase, the supplier of the Basic Code Innodb to MySQL, partly to compete better against open source alternatives, and has acquired Sun Microsystems, owner of MySQL, in 2010. OPEN-SOURCE LICENSE DATABASE products are, for terms Legal of the open definition source, free to distribute and free of royalty or other license rights. See also companies Portal Comparison of Relational Database Management Systems Relational Objecta Comparison System Management Systems Database Management Database Management Relational Database Management Systems List of Database Using MVCC References ^ "Oracle Database 19CÃ,: Now Available on Oracle Exadata ". 13 February 2019. Abstract 23 December 2020. ^ LEXTRAIT, Vincent (March 2016). "The Beacon programming languages, V16". Archived by the original on May 30, 2012. Extract 15 December 2016. ^ "OTN Standard License", Network of Technicians, Oracle. ^ "Multimodel database with 12C Oracle Database Release 2" (PDF). Oracle. Filed (PDF) from the original on 14 April 2017. Abstract 1 March 2017. ^ "Exadata" (PDF), network of technicians, Oracle. ^ "Welcome to Larryland". The Guardian. Archived from the original on August 25, 2016. 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Network of Oracle license knowledge. Recovered by " "