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Oracle Data Guard 11gR2 Administration Beginner's Guide - Emre Baransel

2013-01-01

Using real-world examples and hands-on tasks, Oracle Data Guard 11gR2 Administration Beginner's Guide will give you a solid foundation in Oracle Data Guard. It has been designed to teach you everything you need to know to

successfully create and operate Data Guard environments with maximum flexibility, compatibility, and effectiveness. If you are an Oracle database administrator who wants to configure and administer Data Guard configurations, then "Oracle Data Guard 11gR2 Administration Beginner's Guide" is for you. With a basic

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understanding of Oracle database administration, you'll be able to easily follow the book.

Microsoft SQL Server 2000 -
Rahul Sharma 2002

Focusing primarily on the new features of SQL Server 2000, this informative overview draws on real-world examples and situations to demonstrate how to use the security features, replication, backup procedures, data warehousing, and optimization techniques of SQL 2000 and is accompanied by a companion CD-ROM that contains sample code, along with scripts and utilities for day-to-day DBA jobs. Original. (Intermediate)

Building Database Clouds in Oracle 12c - Tariq Farooq
2016-06-06

An Expert Guide to Building Oracle Database Cloud Infrastructures This is the first complete, practical guide to architecting, designing, and building Database Clouds with Oracle 12c. Written by a veteran author team of Oracle gurus and ACE Directors, Building Database Clouds in

Oracle 12c combines a real-world, hands-on operations guide with an expert handbook on Oracle Database-As-A-Service (DBaaS) and Oracle Real Application Clusters (RAC). Writing for Oracle DBAs, DMAs, cloud administrators, and other Oracle professionals, the authors present authoritative technical information for database cloud build-out, management, monitoring, and day-to-day administration. The authors first explain the key concepts underlying DBaaS, describe cloud computing implementations related to it, and outline the business and technology benefits. Next, they show how the Oracle DBA's approach changes in cloud environments. Then, building on this foundation, they offer insider advice on all key facets of database cloud deployment and operation with Oracle Enterprise Manager 12c and Oracle RAC 12c. This guide helps you Make the business case for cloud computing with DBaaS Organize DBA responsibilities in cloud

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environments Plan, design, and deploy Database Clouds with Oracle's latest components Consolidate schema and databases with Oracle Enterprise Manager 12c Use best practices for management, administration metering, and chargeback Clone databases quickly and reliably Set up grid infrastructure on Oracle VM for x86 or Oracle VM VirtualBox

Oracle Database 12c Oracle RMAN Backup and Recovery - Robert G. Freeman 2016-04-01 This authoritative Oracle Press resource on RMAN has been thoroughly revised to cover every new feature, offering the most up-to-date information This fully updated volume lays out the easiest, fastest, and most effective methods of deploying RMAN in Oracle Database environments of any size. Keeping with previous editions, this book teaches computing professionals at all skill levels how to fully leverage every powerful RMAN tool and protect mission-critical data. Oracle Database 12c RMAN Backup and

Recovery explains how to generate reliable archives and carry out successful system restores. You will learn to work from the command line or GUI, automate the database backup process, perform Oracle Flashback recoveries, and deploy third-party administration utilities. The book features full details on cloud computing, report generation, performance tuning, and security. Offers up-to-date coverage of Oracle Database 12c new features Examples and workshops throughout walk you through important RMAN operations **Oracle Database 10g New Features** - Mike Ault 2003 An overview of the new version of Oracle includes a review of the database management and administration enhancements of Oracle 10G, as well as changes to security, Internet features, architecture, real application clusters, and performance.

Oracle 11g New Features - Brian Carr 2008

A guide to the new features of Oracle Database 11g covers

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such topics as architectural changes, database administration upgrades, security enhancements, and programming innovations.

Oracle Data Guard - Bipul Kumar 2004

This guide for using Dataguard technology covers all areas of disaster recovery, standby databases, and automatic Oracle failover. The details of how Oracle10g's improved Dataguard provides a comprehensive solution for disaster recovery while keeping a low TCO are discussed. Descriptions of the concepts and architecture of standby databases as well as the implementation and management of Dataguard are provided. Tips for success in configuration and first-time implementation of Dataguard including the internal working of Dataguard Broker and Dataguard with Recovery Manager are revealed.

Oracle on IBM Z - Susan Adamovich 2018-07-26
Oracle Database 12c Release 1 running on Linux is available for deployment on the IBM

Z/Architecture family of servers. The enterprise-grade Linux on IBM Z solution is designed to add value to Oracle Database solutions, including the new functions that are introduced in Oracle Database 12c. In this IBM Redbooks® publication, we explore the IBM and Oracle Alliance and describe how Oracle Database benefits from the IBM Z platform. We then explain how to set up Linux guests to install Oracle Database 12c. We also describe how to use the Oracle Enterprise Manager Cloud Control Agent to manage Oracle Database 12c Release 1. We also describe a successful consolidation project from sizing to migration, performance management topics, and high availability. Finally, we end with a chapter about surrounding Oracle with Open Source software. The audience for this publication includes database consultants, installers, administrators, and system programmers. This publication is not meant to replace Oracle documentation, but to supplement it with our

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experiences while installing and using Oracle products. Oracle 12c For Dummies - Chris Ruel 2013-11-18 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.

Migrating to the Cloud - Tom Laszewski 2011-11-08

Migrating to the Cloud: Oracle Client/Server Modernization is a reference guide for migrating client/server applications to the Oracle cloud. Organized into 14 chapters, the book offers tips on planning, determining effort and budget, designing the Oracle cloud infrastructure, implementing the migration, and moving the Oracle cloud environment into production. Aside from Oracle application and database cloud offerings, the book looks at various tools and technologies that can facilitate migration to the cloud. It includes useful code snippets and step-by-step

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instructions in database migration, along with four case studies that highlight service enablement of DOS-based applications, Sybase to Oracle, PowerBuilder to APEX, and Forms to Java EE. Finally, it considers current challenges and future trends in cloud computing and client/server migration. This book will be useful to IT professionals, such as developers, architects, database administrators, IT project managers, and executives, in developing migration strategies and best practices, as well as finding appropriate solutions. Focuses on Oracle architecture, Middleware and COTS business applications Explains the tools and technologies necessary for your legacy migration Gives useful information about various strategies, migration methodologies and efficient plans for executing migration projects

Oracle Autonomous Database in Enterprise Architecture - Bal Mukund Sharma 2022-12-16

Get up to speed with Oracle's Autonomous Databases and implementation strategies for any workload or use case, including transactional, data warehousing, and non-relational databases Key Features Explore ADB, its business benefits, and architectural considerations Migrate the existing workload to ADB, explore high availability, and use cloud native methods for monitoring and event notifications Leverage APEX, JSON, the REST API, and SQL Developer Web features for rapid development Book Description Oracle Autonomous Database (ADB) is built on the world's fastest Oracle Database Platform, Exadata, and is delivered on Oracle Cloud Infrastructure (OCI), customer data center (ExaCC), and Oracle Dedicated Region Cloud. This book is a fast-paced, hands-on introduction to the most important aspects of OCI Autonomous Databases. You'll get to grips with concepts needed for designing disaster recovery using

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standby database deployment for Autonomous Databases. As you progress, you'll understand how you can take advantage of automatic backup and restore. The concluding chapters will cover topics such as the security aspects of databases to help you learn about managing Autonomous Databases, along with exploring the features of Autonomous Database security such as Data Safe and customer-managed keys for Vaults. By the end of this Oracle book, you'll be able to build and deploy an Autonomous Database in OCI, migrate databases to ADB, comfortably set up additional high-availability features such as Autonomous Data Guard, and understand end-to-end operations with ADBs. What you will learn Explore migration methods available for Autonomous Databases, using both online and offline methods Create standby databases, RTO and RPO objectives, and Autonomous Data Guard operations Become well-versed with automatic and

manual backups available in ADB Implement best practices relating to network, security, and IAM policies Manage database performance and log management in ADB Understand how to perform data masking and manage encryption keys in OCI's Autonomous Databases Who this book is for This book is for decision makers, enterprise cloud architects, solution consultants, cloud engineers, implementation partners, and technology students, as well as anyone who wants to learn about Oracle's Autonomous Databases delivered on Oracle Cloud Infrastructure (OCI). Beginner-level knowledge of Linux and OCI and networking concepts and databases, along with hands-on experience in OCI environments is required before getting started with this book.

Oracle Essentials - Rick Greenwald 2013-09-06
Written by Oracle insiders, this indispensable guide distills an enormous amount of information about the Oracle Database into one compact

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volume. Ideal for novice and experienced DBAs, developers, managers, and users, Oracle Essentials walks you through technologies and features in Oracle's product line, including its architecture, data structures, networking, concurrency, and tuning. Complete with illustrations and helpful hints, this fifth edition provides a valuable one-stop overview of Oracle Database 12c, including an introduction to Oracle and cloud computing. Oracle Essentials provides the conceptual background you need to understand how Oracle truly works. Topics include: A complete overview of Oracle databases and data stores, and Fusion Middleware products and features Core concepts and structures in Oracle's architecture, including pluggable databases Oracle objects and the various datatypes Oracle supports System and database management, including Oracle Enterprise Manager 12c Security options, basic auditing capabilities, and options for meeting compliance needs

Performance characteristics of disk, memory, and CPU tuning
Basic principles of multiuser concurrency
Oracle's online transaction processing (OLTP)
Data warehouses, Big Data, and Oracle's business intelligence tools
Backup and recovery, and high availability and failover solutions

Oracle High Availability, Disaster Recovery, and Cloud Services - YV Ravi Kumar

2019-05-16

Work with Oracle database's high-availability and disaster-management technologies. This book covers all the Oracle high-availability technologies in one place and also discusses how you configure them in engineered systems and cloud services. You will see that when you say your database is healthy, it is not limited to whether the database is performing well on day-to-day operations; rather it should also be robust and free from disasters. As a result, your database will be capable of handling unforeseen incidents and recovering from disaster with very minimal or zero

downtime. Oracle High Availability, Disaster Recovery, and Cloud Services explores all the high-availability features of Oracle database, how to configure them, and best practices. After you have read this book you will have mastered database high-availability concepts such as RAC, Data Guard, OEM 13c, and engineered systems (Oracle Exadata x6/x7 and Oracle Database Appliance). What You Will Learn Master the best practices and features of Exadata and ODA Implement and monitor high availability with OEM 13c Clone databases using various methods in Oracle 12c R2 Work with the Oracle sharding features of Oracle 12c R2 Who This Book Is For Oracle database administrators

Virtualizing Oracle Databases on vSphere - Kannan Mani
2014-10-15

The start-to-finish guide to virtualizing business-critical Oracle Software and Databases on VMware vSphere
Virtualizing large-scale Oracle software and databases on

vSphere can deliver powerful scalability, availability, and performance benefits. Recognizing this opportunity, thousands of organizations are moving to virtualize Oracle. However, reliable best practices have been difficult to find, and database and virtualization professionals often bring incompatible perspectives to the challenge. Virtualizing Oracle® Databases on vSphere® is the first authoritative, comprehensive, and best-practice guide to running Oracle on VMware platforms. Reflecting a deep understanding of both Oracle and vSphere, this guide is supported by extensive in-the-field experience with the full spectrum of database applications and environments. Both a detailed reference and a practical cookbook, it combines theory and practice, and offers up-to-date insights for the entire lifecycle, supported by case studies. Kannan Mani and Don Sullivan fully address architecture, performance, design, sizing, and high availability. Focusing on

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current versions of Oracle and vSphere, they highlight the differences between ESX/ESXi 4.x and 5.x wherever relevant. To deliver even more value, they provide extensive online resources, including easy-to-adapt scripts and expert how-to videos. Coverage includes: Understanding the DBA's expanded role in virtualized environments, and the emergence of the vDBA, vRACDBA, and Cloud DBA Identifying your best opportunities to drive value from virtualizing Oracle Anticipating challenges associated with virtualizing Oracle-based Business Critical Applications on vSphere Using VMware to overcome ongoing database deployment and management problems Protecting your virtualized database environment with vSphere's high-availability capabilities Designing databases to achieve scalability on demand, maximize availability, consolidate servers, and improve compliance Implementing best practices for memory, storage,

and database layout Demystifying the impact of virtualization on Oracle support and licensing Using VMware Site Recovery Manager (SRM) to accelerate disaster recovery by seamlessly integrating VM and storage failover Streamlining provisioning and taking advantage of opportunities to automate

OCP: Oracle Database 12c Administrator Certified Professional Study Guide -

Robert G. Freeman 2014-08-08

An updated guide for an updated certification exam! As the most popular database software in the world, Oracle Database 12c has been updated for the first time in nearly six years and the changes are significant. This study guide reviews how Oracle 12c allows multiple instances to be used simultaneously via the cloud. You'll sharpen your skills to prepare for the three levels of certification: Oracle Certified Associate, Oracle Certified Professional, and Oracle Certified Master. Workbook

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exercise appendix, test engine, chapter review questions, electronic flashcards, searchable PDF glossary, and two bonus practice exams all help to enhance your preparation to take the Oracle 12c exam. Addresses such topics as: database architecture, configuring and recoverability, configuring backup specifications, and performing user-managed backup and recovery Reviews how to use RMAN to create backups, perform recovery, and duplicate a database Looks at performing tablespace point-in-time recovery and using flashback technology Covers diagnosing the database, managing memory, managing resources, and automating tasks Focusing 100 percent on the exam objectives, OCP: Oracle Database 12c Administrator Certified Professional Study Guide is designed for those who feel they are ready to attempt this challenging exam.

Oracle Recovery Appliance Handbook - Ramesh Raghav
2016-04-28

The Zero Data Loss Recovery Appliance (ZDLRA), also called the Recovery Appliance, is a brand new engineered system from Oracle Corporation, which takes a fundamentally different approach to data protection. Ramesh explores how the system can be used to back up and recover thousands of Oracle databases. The Recovery Appliance virtually eliminates data loss with its revolutionary design. This is your complete guide to the first engineered system for data protection from Oracle Corporation, the Zero Data Loss Recovery Appliance. You will find concise treatment of all the key capabilities presented in a comprehensive, all grain, no chaff format. This book is an invaluable resource for all things ZDLRA, and helps you get the most from your investment in this groundbreaking appliance for business continuity. Oracle Recovery Appliance Handbook is focused on helping to get you up to speed on protecting data in the most disaster-proof manner. Recover and Rejoice

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by implementing ZDLRA today in your organization using this guide!

Modern Oracle Enterprise Architecture - Javid Ur Rahman
2021-09-17

A comprehensive innovative product handbook for managers designing and deploying enterprise business solutions. **KEY FEATURES** ● Covers proven technical approaches in migrating your enterprise systems to Oracle Cloud Computing. ● A handbook for decision-makers on using Oracle Product Suite for digital transformation. ● Understand the Oracle product benefits and leveraging capital investment to avail great measurable ROI and TCO. **DESCRIPTION** The Oracle Enterprise Architecture Framework emerges from the on-site legacy to current cloud native and is called Modern Oracle Enterprise Architecture. It aims to clear the path for critical business application workloads in the field of database and the application architecture to hybrid and cloud applications. This is a

very handy book for chief decision-makers and professional cloud solution engineers. As the current cloud computing services are agile and pay-as-you-go (PAYG) based subscription including multi-year cost model thus a more agile approach is covered throughout the book. This book will help readers to achieve their database and application system solution architecture career objectives more quickly without spending years. The readers can prevent committing errors, recovering from them, and learning things the hard way. This book lists critical attributes and methods to develop, including improvement of business-friendly case formulation. It also includes the development of a solution approach in creative and innovative technological breakthroughs developed by product companies over the last three decades. **WHAT YOU WILL LEARN** ● 360-degree view of Oracle database and application products. ● Transition to hybrid cloud

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identity services via Oracle Identity Cloud platform. ● Understand and implement Oracle accessibility and architecture observability. ● Get to know the benefits of leveraging Oracle Autonomous Shared and dedicated services. ● Manage, automate, and upgrade the cloud databases using Oracle fleet management. ● Automate sitewide failover and switchover operations using Oracle siteguard. WHO THIS BOOK IS FOR This book is for decision-makers, business architects, system development teams, technological professionals and product teams who want to use the Oracle stack's hidden capabilities to develop, manage and keep enhancing enterprise systems. TABLE OF CONTENTS 01. Artificial Intelligence for Cloud Computing 02. Business Benefits of Migrating and Operating on Oracle Cloud 03. Move and Optimize the Cost for Oracle E-Business Suite on Cloud Compute 04. Contemplating IaaS, PaaS, and

SaaS Migration for On-Premise Legacy Systems 05. Oracle Autonomous Dedicated for Oracle E-Business Suite Customers 06. Benefits of Oracle PeopleSoft with Autonomous Database Dedicated and Shared 07. Oracle Autonomous Dedicated for Oracle E-Business Suite Customers 08. Oracle Agile Maximum-Security Architecture (AMSA) 09. Agile Accessibility and Observability Architecture Agile AOA (AAOA) 10. Fleet Management for On-Premises and Cloud (DBaaS and IaaS) Database Stack 11. Identity transition from Identity Manager (IDM) to Universal Directory (OUD) and Identity Cloud Suite 12. Decision Analysis Resolution (DAR) for Oracle E-Business Suite on Cloud Compute 13. Hidden Jewel on Oracle Crown. Oracle Enterprise Manager Site Guard Use Cases: 14. Case Study One Oracle E-Business Suite Migration to OCI with Business Continuity Site 15. Case Study Two. Oracle E-Business Suite Migration to OCI with Business Continuity

Site 16. Case Study Three.
Oracle Universal Directory
Installation and Configuration
*Oracle GoldenGate 11g
Implementer's Guide* - John P.
Jeffries 2011-02-22

Design, install, and configure
high-performance data
replication solutions using
Oracle GoldenGate with this
book and eBook.

**Oracle GoldenGate 12c
Implementer's Guide** - John P
Jeffries 2015-07-27

GoldenGate exchanges data
among systems in a timely
manner and meets the demand
for real-time access to
information regardless of
volume. The new release, 12c,
includes an optimized
database, intelligent and
integrated delivery capabilities,
expanded heterogeneity, and
tighter security. Perform zero
downtime data migration to on-
premise or public cloud with
GoldenGate's feature-rich
portfolio. Start with the
installation and learn the
design concepts and enhanced
configuration of GoldenGate
12c. Exploit new 12c features
to successfully implement

GoldenGate on your enterprise.
Dive deep into configuring
GoldenGate for high
availability, DDL support, and
reverse processing. Build fast,
secure, robust, scalable
technical solutions by tuning
data delivery and networks.
Finally, enrich your data
replication knowledge by
learning the troubleshooting
tips.

Expert Oracle Exadata -
Kerry Osborne 2011-10-15
Throughout history, advances
in technology have come in
spurts. A single great idea can
often spur rapid change as the
idea takes hold and is
propagated, often in totally
unexpected directions. Exadata
embodies such a change in how
we think about and manage
relational databases. The key
change lies in the concept of
offloading SQL processing to
the storage layer. That concept
is a huge win, and its
implementation in the form of
Exadata is truly a game
changer. Expert Oracle
Exadata will give you a look
under the covers at how the
combination of hardware and

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software that comprise Exadata actually work. Authors Kerry Osborne, Randy Johnson, and Tanel Pöder share their real-world experience, gained through multiple Exadata implementations with the goal of opening up the internals of the Exadata platform. This book is intended for readers who want to understand what makes the platform tick and for whom—"how" it does what it does is as important as what it does. By being exposed to the features that are unique to Exadata, you will gain an understanding of the mechanics that will allow you to fully benefit from the advantages that the platform provides. Changes the way you think about managing SQL performance and processing Provides a roadmap to laying out the Exadata platform to best support your existing systems Dives deeply into the internals, removing the "black box" mystique and showing how Exadata actually works

Experiences with Oracle 11gR2 on Linux on System z

- Ivan Dobos 2013-11-22

Linux on System z offers many advantages to customers who rely on the IBM® mainframe systems to run their businesses. Linux on System z makes use of the qualities of service in the System z® hardware and in z/VM®, making it a robust industrial strength Linux. This provides an excellent platform for hosting Oracle solutions that run in your enterprise. This IBM Redbooks® publication is divided into several sections to share the following experiences that are gained while Oracle Database 11gR2 is installed and tested: Setting up Red Hat Enterprise Linux 6 for Oracle Managing an Oracle on Linux on System z environment Provisioning Linux guests using several tools It also includes many general hints and tips for running Oracle products on IBM System z with Linux and z/VM. Interested readers include database consultants, installers, administrators, and system programmers. This book is not meant to replace Oracle documentation but to supplement it with our

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experiences while Oracle products are installed and used.

Oracle Database Problem Solving and Troubleshooting Handbook - Tariq Farooq
2016-04-04

An Expert Guide for Solving Complex Oracle Database Problems Oracle Database Problem Solving and Troubleshooting Handbook delivers comprehensive, practical, and up-to-date advice for running the Oracle Database reliably and efficiently in complex production environments. Seven leading Oracle experts have brought together an unmatched collection of proven solutions, hands-on examples, and step-by-step tips for Oracle Database 12c, 11g, and other recent versions of Oracle Database. Every solution is crafted to help experienced Oracle DBAs and DMAs understand and fix serious problems as rapidly as possible. The authors cover LOB segments, UNDO tablespaces, high GC buffer wait events, poor query

response times, latch contention, indexing, XA distributed transactions, RMAN backup/recovery, and much more. They also offer in-depth coverage of a wide range of topics, including DDL optimization, VLDB tuning, database forensics, adaptive cursor sharing, data pumps, data migration, SSDs, indexes, and how to go about fixing Oracle RAC problems. Learn how to Choose the quickest path to solve high-impact problems Use modern best practices to make your day more efficient and predictable Construct your “Call 9-1-1 plan” for future database emergencies Proactively perform maintenance to improve your environment’s stability Save time with industry-standard tools and scripts Register your product at informit.com/register for convenient access to downloads, updates, and corrections as they become available.

High Availability IT Services
- Terry Critchley 2014-12-17

This book starts with the basic
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premise that a service is comprised of the 3Ps-products, processes, and people.

Moreover, these entities and their sub-entities interlink to support the services that end users require to run and support a business. This widens the scope of any availability design far beyond hardware and software. It also increases t

Oracle Application Express Administration - Francis Mignault 2016-10-22

Succeed in managing Oracle Application Express (APEX) environments. This book focuses on creating the right combination of scalability, high-availability, backup and recovery, integrity, and resource control. The book covers everything from simple to enterprise-class deployments, with emphasis on enterprise-level requirements and coverage of cloud and hybrid-cloud scenarios. Many books cover how to develop applications in Oracle APEX. It's a tool with a fast-growing user-base as developers come to know how quick and easy it

is to create new applications that run in a browser.

However, just getting an application off the ground is only a small part of a bigger picture. Applications must be supported. They must be available when users need them. They must be robust against disaster and secure against malicious attack. These are the issues addressed in Oracle Application Express Administration. These are the issues that when tackled successfully lead to long term success in using Oracle APEX as a rapid application-development toolset. Readers of this book learn how to install the Oracle APEX engine in support of small-scale projects such as at the departmental level, and in support of enterprise-level projects accessed by thousands of users across dozens of time zones. Readers learn to take advantage of Oracle Database's underlying feature set in regards to application scalability and performance, integrity, security, high-availability, and robustness

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against failure and data loss. Oracle Application Express Administration also describes different cloud solutions, integration with Oracle E-Business Suite, and helps in taking advantage of multitenancy in Oracle Database 12c and beyond. Covers important enterprise considerations such as scalability, robustness, high-availability. Describes cloud-based application deployment scenarios Focuses on creating the right deployment environment for long-term success What You Will Learn Install, upgrade, and configure robust APEX environments Back up and recover APEX applications and their data Monitor and tune the APEX engine and its applications Benefit from new administration features in APEX 5.0 Run under multi-tenant architecture in Oracle Database 12c Manage the use of scarce resources with Resource Manager Secure your data with advanced security features Build high-availability into your APEX deployments

Integrate APEX with Oracle E-Business Suite Who This Book Is For Architects, administrators, and developers who want to better understand how APEX works in a corporate environment. Readers will use this book to design deployment architectures around Oracle Database strengths like multitenancy, resource management, and high availability. The book is also useful to administrators responsible for installation and upgrade, backup and recovery, and the ongoing monitoring of the APEX engine and the applications built upon it. *Oracle on LinuxONE* - Susan Adamovich 2019-08-08 Oracle Database 12c running on Linux is available for deployment on IBM® LinuxONE. The enterprise-grade Linux on LinuxONE solution is designed to add value to Oracle Database solutions, including the new functions that are introduced in Oracle Database 12c. In this IBM Redbooks® publication, we explore the IBM and Oracle Alliance and describe how

Oracle Database benefits from LinuxONE. We then explain how to set up Linux guests to install Oracle Database 12c. We also describe how to use the Oracle Enterprise Manager Cloud Control Agent to manage Oracle Database 12c Release 1. Additionally, we discuss encryption for Oracle using Oracle Transparent Data Encryption (TDE) on Oracle 12c Release 2. We also describe a successful consolidation project from sizing to migration, performance management topics, and high availability. Finally, we end with a chapter about surrounding Oracle with Open Source software. The audience for this publication includes database consultants, installers, administrators, and system programmers. This publication is not meant to replace Oracle documentation, but to supplement it with our experiences while installing and using Oracle products.

Oracle 11g R1/R2 Real Application Clusters Essentials
- Ben Prusinski 2011-05-23
Annotation Oracle RAC or Real

Application Clusters is a grid computing solution that allows multiple nodes (servers) in a clustered system to mount and open a single database that resides on shared disk storage. Should a single system (node) fail, the database service will still be available on the remaining nodes. Oracle RAC is an integral part of the Oracle database setup. You have one database with multiple users accessing it, in real time. This book will enable DBAs to get their finger on the pulse of the Oracle 11g RAC environment quickly and easily. This book will cover all areas of the Oracle RAC environment and is indispensable if you are an Oracle DBA who is charged with configuring and implementing Oracle 11g R1, with bonus R2 information included. This book presents a complete method for the configuration, installation, and design of Oracle 11g RAC, ultimately enabling rapid administration of Oracle 11g RAC environments. This practical handbook documents how to administer a complex

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Oracle 11g RAC environment. Packed with real world examples, expert tips and troubleshooting advice, the book begins by introducing the concept of Oracle RAC and High Availability. It then dives deep into the world of RAC configuration, installation and design, enabling you to support complex RAC environments for real world deployments. Chapters cover Oracle RAC and High Availability, Oracle 11g RAC Architecture, Oracle 11g RAC Installation, Automatic Storage Management, Troubleshooting, Workload Management and much more. By following the practical examples in this book, you will learn every concept of the RAC environment and how to successfully support complex Oracle 11g R1 and R2 RAC environments for various deployments within real world situations. This book is the updated release of our previous Oracle 11g R1/R2 Real Application Clusters Handbook. If you already own a copy of that Handbook, there is no need to upgrade to this book.

Expert Consolidation in Oracle Database 12c - Martin Bach
2014-01-23

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

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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

Pro Oracle Database 10g RAC on Linux - John Shaw
2008-01-03

* Only book on the market to actually show you how to build an Oracle RAC cluster on Linux. * Author expertise & quality: Steve Shaw's Hammerora project is one of the most visited sites in SourceForge.net. Julian Dyke is Chair of UK Oracle User Group RAC SIG and a member of the

Oak Table Network. * Based on latest Oracle release (10g R2) which we anticipate being the release where the largest number of customers migrate from existing single instance databases to RAC clusters. * Linux is highest growth sector in relational database market and Oracle has 69% of that market (Gartner).

Oracle DBA Mentor - Brian Peasland 2019-03-29
New Oracle database administrators can get off the ground running. This book helps you develop the ability to think on your feet and move focus in an instant from arcane syntax details to broad, corporate issues. Along the way, you will see how to create your first database and implement best practices to ensure a well-running database system. What makes Oracle DBA Mentor different is that it also teaches you how to obtain answers that are not found in this or other books. Focus is given to creating a test bed and running test cases to examine hypotheses and prove out solutions so you can be sure

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they work in production. Attention is given to navigating product documentation and networking in forums and social media to build your skills and a network to draw on when solving problems under pressure. There are chapters of step-by-step technical content as well as coverage of essential skills to succeed as a DBA no matter which database engine you administer. By the time you are done reading this book, you will have confidence to face many of the situations thrown in your direction. You will know where to go for the answers you don't yet know that you need. You'll be able to work and troubleshoot under pressure. You'll know how to create a database, institute backup and recovery procedures, secure the database and its valuable corporate data, and acquire more knowledge as needed so you can run a database to meet the needs of your organization. What You'll Learn

- Install Oracle Database with best practices
- Implement backup and recovery procedures

Understand the fundamentals of databases and data security
Find answers to technical problems using Oracle documentation, Oracle Support, and other resources
Patch and upgrade an Oracle database
Who This Book Is For
The novice database administrator who wants help getting off the ground with their DBA career, and in building the skills to let that career flourish in the long term. Mid-level DBAs will also find the book helpful as they try to grow their career to the next level. While the book is geared toward the Oracle platform, database administrators from other platforms can benefit from the soft skills covered in this book.

Oracle Database 12c: Data Guard Exam Practice Questions & Dumps - Pascal Books

By passing this exam, a certified individual proves fluency in and a solid understanding of Oracle Data Guard concepts, configuration, management, optimization and monitoring, data protection,

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HA and disaster recovery
Maximum availability: Show you have the ability to create a High Availability or Disaster Recovery solution for an Oracle Database ecosystem and gain knowledge of Workload offload capabilities available in Data Guard. Preparing for the Oracle Database 12c: Data Guard Study Guide by Oracle? Here we've brought perfect exam questions for you so that you can prepare well for this Exam number 1Z0-066 Unlike other online simulation practice tests, you get an eBook version that is easy to read & remember these questions. You can simply rely on these questions for successfully certifying this exam.

Oracle Recovery Appliance Handbook - Ramesh Raghav
2016-04-28

The Zero Data Loss Recovery Appliance (ZDLRA), also called the Recovery Appliance, is a brand new engineered system from Oracle Corporation, which takes a fundamentally different approach to data protection. Ramesh explores

how the system can be used to back up and recover thousands of Oracle databases. The Recovery Appliance virtually eliminates data loss with its revolutionary design. This is your complete guide to the first engineered system for data protection from Oracle Corporation, the Zero Data Loss Recovery Appliance. You will find concise treatment of all the key capabilities presented in a comprehensive, "all grain, no chaff" format. This book is an invaluable resource for all things ZDLRA, and helps you get the most from your investment in this groundbreaking appliance for business continuity. Oracle Recovery Appliance Handbook is focused on helping to get you up to speed on protecting data in the most disaster-proof manner. Recover and Rejoice by implementing ZDLRA today in your organization using this guide!

Bridging Relational and NoSQL Databases - Gaspar, Drazena
2017-11-30

Relational databases have been predominant for many years

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and are used throughout various industries. The current system faces challenges related to size and variety of data thus the NoSQL databases emerged. By joining these two database models, there is room for crucial developments in the field of computer science. Bridging Relational and NoSQL Databases is an innovative source of academic content on the convergence process between databases and describes key features of the next database generation. Featuring coverage on a wide variety of topics and perspectives such as BASE approach, CAP theorem, and hybrid and native solutions, this publication is ideally designed for professionals and researchers interested in the features and collaboration of relational and NoSQL databases.

Pro Oracle Collaboration Suite 10g - John Watson 2007-02-01

This book gives you all you need to know in order to install and configure OCS for use, but it is much more than a to-do list. It covers the architecture

of the server processes and the applications, giving you the theoretical knowledge necessary to take OCS beyond the basics. If you are new to the Oracle database, the Oracle Components for Java (OC4J) environment, HTTP web servers, or LDAP internet directories, don't worry - all will be explained. If you are already familiar with such things, you will learn how to exploit them to the full in order to optimize your OCS installation.

Oracle 11g For Dummies -

Chris Zeis 2009-01-14

Are you a seasoned system administrator charged with setting up an Oracle database? Or did you suddenly become a DBA by default? If database administration with Oracle is part of your job, you'll be glad to have Oracle 11g For Dummies in your cubicle. This nuts-and-bolts guide walks you through the mysteries of Oracle and database administration. You'll learn how to understand Oracle database architecture, set up and manage an Oracle

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database, and keep it running in tiptop form. Oracle 11g For Dummies covers: The building blocks behind the database engine as well as Oracle's physical and logical structures Hardware, software, system, and storage requirements for implementation How to recognize and accommodate the differences between Oracle installations on Windows and on Linux/UNIX Daily and intermittent tasks necessary to keep your database running properly How to assess potential threats to your database, configure Oracle Recovery Manager, and set up backup and recovery procedures When to use online, offline, controlfile, and archivelog backups Troubleshooting methodology and how to use Oracle database logs and other diagnostic utilities Different ways to manage your database How to automate jobs with the Oracle Scheduler Using SQL in Oracle, and a great deal more Completely up to date for the newest release of Oracle, Oracle 11g For Dummies will

give you both the information and the confidence to set up and maintain an Oracle database for your organization. *Oracle Data Warehousing and Business Intelligence Solutions* - Robert Stackowiak 2007-01-06

Up-to-date, comprehensive coverage of the Oracle database and business intelligence tools Written by a team of Oracle insiders, this authoritative book provides you with the most current coverage of the Oracle data warehousing platform as well as the full suite of business intelligence tools. You'll learn how to leverage Oracle features and how those features can be used to provide solutions to a variety of needs and demands. Plus, you'll get valuable tips and insight based on the authors' real-world experiences and their own implementations. Avoid many common pitfalls while learning best practices for: Leveraging Oracle technologies to design, build, and manage data warehouses Integrating specific database and business intelligence

solutions from other vendors
Using the new suite of Oracle
business intelligence tools to
analyze data for marketing,
sales, and more Handling
typical data warehouse
performance challenges
Uncovering initiatives by your
business community, security
business sponsorship, project
staffing, and managing risk

**Pro Oracle Database 11g
RAC on Linux** - Julian Dyke
2011-01-11

Pro Oracle Database 11g RAC
on Linux provides full-life-cycle
guidance on implementing
Oracle Real Application
Clusters in a Linux
environment. Real Application
Clusters, commonly
abbreviated as RAC, is Oracle's
industry-leading architecture
for scalable and fault-tolerant
databases. RAC allows you to
scale up and down by simply
adding and subtracting
inexpensive Linux servers.
Redundancy provided by those
multiple, inexpensive servers is
the basis for the failover and
other fault-tolerance features
that RAC provides. Written by
authors well-known for their

talent with RAC, Pro Oracle
Database 11g RAC on Linux
gives you a rock-solid and
technically flawless foundation
on which to build your RAC-
management skills. Authors
Julian Dyke and Steve Shaw
share their hard-won
experience in building RAC
clusters, showing you how to
build for success using the very
latest Oracle technologies,
such as Automatic Storage
Management (ASM) and Oracle
Clusterware. You'll learn to
troubleshoot performance and
other problems. You'll even
learn how to correctly deploy
RAC in a virtual-machine
environment based upon
Oracle VM, which is the only
virtualization solution
supported by Oracle
Corporation. RAC is a complex
and powerful technology. It
demands expertise in its
deployment. You can't just
"wing it" in creating a RAC
solution. Julian and Steve have
earned the right to term
themselves expert—in Pro
Oracle Database 11g RAC on
Linux, they offer a rigorous and
technically-correct treatment

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of RAC that helps you build a solid foundation of expertise and achieve success. Rigorous and technically accurate content Complete coverage of RAC, from planning to implementation to rollout to ongoing maintenance and troubleshooting Up-to-date with the very latest RAC features

Mastering Oracle Database 19c Part 1: Infrastructure -

Nilesh Kakkad 2020-03-15

This Oracle Database 19c DBA Practical Handbook is just the first part of a series of books. Since the scope of Oracle's providence is very extensive, there is a lot to go through and implore. A thorough study of this guide will help in pertinent use of Oracle products and a great on-the-job reference for Oracle Databases.

Oracle Data Guard 11g Handbook - Larry Carpenter
2009-07-22

Master Oracle Data Guard 11g Provide superior data protection, availability, and disaster recovery using the tested techniques in this Oracle Press guide. Cowritten by a

team of Oracle experts, Oracle Data Guard 11g Handbook provides a sound architectural foundation along with best practices for configuration, monitoring, maintenance, and troubleshooting. You will get full details on implementing deployment architectures to address requirements that extend beyond disaster recovery. This invaluable resource also includes a complete set of monitoring scripts available for download. Develop a disaster recovery plan for your Oracle database to meet your organization's requirements Configure and deploy Oracle Data Guard for your environment Tune and troubleshoot your physical and logical standby databases Implement the Oracle Data Guard Broker management framework Integrate with Oracle Grid Control Monitor your Oracle Data Guard environment Enable read-only services and disaster recovery with Oracle Active Data Guard Configure seamless database and application failover Minimize planned downtime

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using Oracle Data Guard switchover Handle backup and recovery with Oracle Recovery Manager

Oracle Privacy Security

Auditing - Arup Nanda 2003
A high-level handbook on how to develop auditing mechanisms for HIPAA compliant Oracle systems focuses on the security access and auditing requirements of the Health/Insurance Portability and Accountability Act of 1996 and discusses Oracle auditing features such as redo logs, system-level triggers, Oracle9i and the retrieval of sensitive data, and other key topics. Original. (Advanced)

Always-On Business - Nijaz Bajgorić 2022
Modern business relies heavily on information technology. This book presents a new "always-on" business model for the digital age, one based on three interrelated components: a business model, an IT capability model, and an always-on information system model. In addition, it develops

an implementation framework for the new model by identifying business-critical continuous computing information technologies as implementation drivers. The model proposed in this book reveals the critical role of business continuity management in ensuring business continuity even when operations are unaffected by any disasters. Using empirical survey data, PLS-SEM (Partial Least Squares - Structural Equation Modeling) combined with mediation analysis are used to test the model and hypotheses. The book is chiefly intended for students in Business Administration/Management degree programs and business leaders whose work involves addressing issues such as organizational performance, IT capability, enterprise information systems, IT management, business continuity management, disaster recovery management, risk management, IT auditing, and compliance.