

Exadata Administrator Guide

Quickly Get Up and Running on Oracle Database Exadata Cloud Service Quickly install, configure, and start using Oracle Database Exadata Cloud Service with the hands-on information contained in this comprehensive Oracle Press guide. Designed for easy learning, the book features real-world examples, detailed illustrations, and step-by-step instructions. *Oracle Database Exadata Cloud Service: A Beginner's Guide* walks you through the basics and shows you how to provision, create, and deploy databases. Basic system administration tasks, including data backup and recovery, software patching, and system updating, are clearly explained. Advanced monitoring and data compression techniques are also covered. Inside, you'll discover how to:

- Set up and configure Oracle Database Exadata Cloud Service
- Navigate the user interface
- Work with tooling and CLIs
- Deploy smart scans and storage indexes
- Employ the latest compression techniques
- Handle Oracle Exadata resource management
- Administer Oracle Exadata Smart Flash Cache
- Manage and monitor your Oracle Exadata Cloud Service

Migrate to Oracle Exadata Cloud Service TAG: For a complete list of Oracle Press titles, visit www.OraclePressBooks.com.

Oracle ASM continues to be the best practice to implementing Oracle Databases. Whether you are leveraging a single instance database or a clustered database with RAC, you can benefit from the real-life examples to administering and maintaining ASM from this book. Consolidated by Charles Kim and Nitin Vengurlekar, this pocket reference guide is loaded with command line interface syntax for Oracle ASM 11g Release 2 or Oracle ASM 12c. It does not matter if you are a newbie to ASM or a long time veteran, this pocket reference guide is packed with relevant tidbits. Both Charles and Nitin have combined experiences of over 48 years of Oracle experience and are authors of many Oracle books. Charles is the Founder and President of Viscosity North America and Nitin is the Chief Technology Officer. They are subject matter experts of RAC/ASM/Exadata technologies.

Master the advanced concepts of PL/SQL for professional-level certification and learn the new capabilities of Oracle Database 12c About This Book Learn advanced application development features of Oracle Database 12c and prepare for the 1Z0-146 examination Build robust and secure applications in Oracle PL/SQL using the best practices Packed with feature demonstrations and illustrations that will help you learn and understand the enhanced capabilities of Oracle Database 12c Who This Book Is For This book is for Oracle developers responsible for database management. Readers are expected to have basic knowledge of Oracle Database and the fundamentals of PL/SQL programming. Certification aspirants can use this book to prepare for 1Z0-146 examination in order to be an Oracle Certified Professional in Advanced PL/SQL. What You Will Learn Learn and understand the key SQL and PL/SQL features of Oracle Database 12c Understand the new Multitenant architecture and Database In-Memory option of Oracle Database 12c Know more about the advanced concepts of the Oracle PL/SQL language such as external procedures, securing data using Virtual Private Database (VPD), SecureFiles, and PL/SQL code tracing and profiling Implement Virtual Private Databases to prevent unauthorized data access Trace, analyze, profile, and debug PL/SQL code while developing database applications Integrate the new application development features of Oracle Database 12c with the current concepts Discover techniques to analyze and maintain PL/SQL code Get acquainted with the best practices of writing PL/SQL code and develop secure applications In Detail Oracle Database is one of the most popular databases and allows users to make efficient use of their resources and to enhance service levels while reducing the IT costs incurred. Oracle Database is sometimes compared with Microsoft SQL Server, however, Oracle Database clearly supersedes SQL server in terms of high availability and addressing planned and unplanned downtime. Oracle PL/SQL provides a rich platform for application developers to code and build scalable database applications and introduces multiple new features and enhancements to improve development experience. *Advanced Oracle PL/SQL Developer's Guide, Second Edition* is a handy technical reference for seasoned professionals in the database development space. This book starts with a refresher of fundamental concepts of PL/SQL, such as anonymous block, subprograms, and exceptions, and prepares you for the upcoming advanced concepts. The next chapter introduces you to the new features of Oracle Database 12c, not limited to PL/SQL. In this chapter, you will understand some of the most talked about features such as Multitenant and Database In-Memory. Moving forward, each chapter introduces advanced concepts with the help of demonstrations, and provides you with the latest update from Oracle Database 12c context. This helps you to visualize the pre- and post-applications of a feature over the database releases. By the end of this book, you will have become an expert in PL/SQL programming and will be able to implement advanced concepts of PL/SQL for efficient management of Oracle Database. Style and approach The book follows the structure of the Oracle Certification examination but doesn't restrict itself to the exam objectives. Advanced concepts have been explained in an easy-to-understand style, supported with feature demonstrations and case illustrations.

Will team members perform Oracle Exadata work when assigned and in a timely fashion? Will new equipment/products be required to facilitate Oracle Exadata delivery for example is new software needed? Does Oracle Exadata include applications and information with regulatory compliance significance (or other contractual conditions that must be formally complied with) in a new or unique manner for which no approved security requirements, templates or design models exist? What are the revised rough estimates of the financial savings/opportunity for Oracle Exadata improvements? How important is Oracle Exadata to the user organizations mission? Defining, designing, creating, and implementing a process to solve a business challenge or meet a business objective is the most valuable role... In EVERY company, organization and department. Unless you are talking a one-time, single-use project within a business, there should be a process. Whether that process is managed and implemented by humans, AI, or a combination of the two, it needs to be designed by someone with a complex enough perspective to ask the right questions. Someone capable of asking the right questions and step back and say, 'What are we really trying to accomplish here? And is there a different way to look at it?' This Self-Assessment empowers people to do just that - whether their title is entrepreneur, manager, consultant, (Vice-)President, CxO etc... - they are the people who rule the future. They are the person

who asks the right questions to make Oracle Exadata investments work better. This Oracle Exadata All-Inclusive Self-Assessment enables You to be that person. All the tools you need to an in-depth Oracle Exadata Self-Assessment. Featuring 725 new and updated case-based questions, organized into seven core areas of process design, this Self-Assessment will help you identify areas in which Oracle Exadata improvements can be made. In using the questions you will be better able to: - diagnose Oracle Exadata projects, initiatives, organizations, businesses and processes using accepted diagnostic standards and practices - implement evidence-based best practice strategies aligned with overall goals - integrate recent advances in Oracle Exadata and process design strategies into practice according to best practice guidelines Using a Self-Assessment tool known as the Oracle Exadata Scorecard, you will develop a clear picture of which Oracle Exadata areas need attention. Your purchase includes access details to the Oracle Exadata self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows your organization exactly what to do next. Your exclusive instant access details can be found in your book.

Implement a Centralized Cloud Storage Infrastructure with Oracle Automatic Storage Management Build and manage a scalable, highly available cloud storage solution. Filled with detailed examples and best practices, this Oracle Press guide explains how to set up a complete cloud-based storage system using Oracle Automatic Storage Management. Find out how to prepare hardware, build disk groups, efficiently allocate storage space, and handle security. Database Cloud Storage: The Essential Guide to Oracle Automatic Storage Management shows how to monitor your system, maximize throughput, and ensure consistency across servers and clusters. Set up and configure Oracle Automatic Storage Management Discover and manage disks and establish disk groups Create, clone, and administer Oracle databases Consolidate resources with Oracle Private Database Cloud Control access, encrypt files, and assign user privileges Integrate replication, file tagging, and automatic failover Employ pre-engineered private cloud database consolidation tools Check for data consistency and resync failed disks Code examples in the book are available for download

Practical Oracle Database Appliance

Troubleshooting Oracle Performance

Oracle Exadata Expert's Handbook

Oracle Database 12c

Oracle VM 3 Cloud Implementation and Administration Guide, Second Edition

OCA: Oracle Database 12c Administrator Certified Associate Study Guide

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

The Practical, Authoritative, 360-Degree Technical Guide to Oracle Exadata: From Setup to Administration, Optimization, Tuning, and Troubleshooting The blazingly fast Oracle Exadata Database Machine is being embraced by thousands of large-scale users worldwide: by governments, the military, enterprise organizations, cloud service providers, and anyone who needs extreme performance. Now, Oracle Exadata Expert's Handbook provides authoritative guidance to running Oracle Exadata with maximum reliability, effectiveness, performance, and efficiency. Six renowned Oracle technology experts have brought together core technical information, experience, best practices, and insider tips in a concise reference. Covering both 11g and 12c versions of Oracle Exadata software, they deliver hands-on coverage of best practices, setup, migration, monitoring, administration, performance tuning, and troubleshooting. Whether you're an Oracle Exadata DBA, DMA, architect, or manager, you need these insights. Get a 360-degree overview of the Oracle Exadata Database Machine Efficiently deploy RAC within the Oracle Exadata ecosystem Fully leverage Storage Cell's extraordinary performance, via Offloading, Smart Scans, and Hybrid Columnar Compression Manage Exadata with OEM 12c: perform setup, configuration, asset/target discovery, and day-to-day administration Tune Oracle Exadata for even better performance Perform Exadata Backup/Recovery/DR with RMAN and Data Guard Migrate to Oracle Exadata from other platforms Use Oracle Exadata with the ZFS Storage Appliance Consolidate within the Exadata Database Cloud

A step-by-step guide to practising Oracle GoldenGate High Availability (HA) options, Microservices, and Real-Time downstream techniques ?DESCRIPTION The book starts with a brief introduction about Oracle GoldenGate with Microservices and how to configure high availability using various methods. Oracle GoldenGate Microservices Architecture (MA) is a similar architecture based on REST APIs which enable us to configure, monitor, and manage Oracle GoldenGate services using a web-based user interface. Each module supports a specific business goal and uses a simple, lightweight, and well-defined interface to communicate with other sets of services. Oracle GoldenGate can interact with custom conflict-resolution routines that customers write to satisfy their business rules. KEY FEATURES - Understand how and when they're used

classic Vs. Microservices - Learn how to use real-time downstream methods based on the environment - Learn how to solve Oracle GoldenGate (OGG) Conflict Detection and Resolution (CDR) in bi-directional, active replication - Learn how to implement high availability for mission-critical systems using Oracle GoldenGate - XAG components - Learn how to set up bi-directional replication between pluggable databases (PDBs) in a multi-tenant environment - Learn how to use differently typed of replicates in pluggable databases (PDBs) in a multi-tenant environment

WHAT WILL YOU LEARN By the end of the book, you will come across a few case studies about how to use Microservices, Kubernetes, REST APIs in Oracle GoldenGate, and How to monitor Oracle GoldenGate processes in real-time environments. This book also helps how to use various file systems like ACFS, DBFS, and NFS in high availability for Oracle GoldenGate. WHO THIS BOOK IS FOR This book is intended for anyone looking for how to set up and configure Uni-directional, Bi-directional replication in mission-critical environments either using classic Oracle GoldenGate OR Oracle GoldenGate with Microservices. This book also helps various methods to implement real-time downstream techniques.

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Learn to build and implement a robust Oracle E-Business Suite system using the new release, EBS 12.2. This hands-on, real-world guide explains the rationale for using an Oracle E-Business Suite environment in a business enterprise and covers the major technology stack changes from EBS version 11i through R12.2. You will learn to build up an EBS environment from a simple single-node installation to a complex multi-node high available setup. Practical Oracle E-Business Suite focuses on release R12.2, but key areas in R12.1 are also covered wherever necessary. Detailed instructions are provided for the installation of EBS R12.2 in single and multi-node configurations, the logic and methodology used in EBS patching, and cloning of EBS single-node and complex multi-node environments configured with RAC. This book also provides information on FMW used in EBS 12.2, as well as performance tuning and EBS 12.2 on engineered system implementations. What You Will Learn:

- Understand Oracle EBS software and the underlying technology stack components
- Install/configure Oracle E-Business Suite R12.2 in simple and HA complex setups
- Manage Oracle EBS 12.2
- Use online patching (adop) for Installation of Oracle EBS patches
- Clone an EBS environment in simple and complex configurations
- Perform and tune Oracle EBS in all layers (Application/DB/OS/NW)
- Secure E-Business Suite R12.2

Who This Book Is For: Developers, data architects, and data scientists looking to integrate the most successful big data open stack architecture and how to choose the correct technology in every layer

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 using Oracle Data Guard switchover

Handle backup and recovery with Oracle Recovery Manager

Oracle Exalogic Elastic Cloud Handbook

Oracle Exadata Recipes

Oracle Essentials

Guide for Real Exam

Oracle Database Administration for Microsoft SQL Server DBAs

Oracle VM Implementation and Administration Guide

Oracle Exadata Survival Guide Apress

Your ultimate guide to passing the OCP 12c Upgrade 1Z0-060 Exam About This Book- This is your one-stop solution to understanding what's new in Oracle 12c and how to bring these features to your systems in a hassle-free manner- A complete guide to clearing the OCP Upgrade 1Z0-060 Exam- Dive deep into Oracle administration and get up to date

Who This Book Is For This book is for Oracle Admins who have a working knowledge of Oracle administration and now want to

upgrade their knowledge to the latest version (Oracle 12c). This book is perfect for those who wish to pass the OCP Upgrade 1Z0-060 Exam. What You Will Learn- All of the new features of the Oracle 12c database that you are required to know for the OCP Upgrade Exam 1Z0-060- New multitenant architecture introduced in Oracle 12c and how it works- Monitor complex database operations and use the new enhanced SQL tuning features to tune bad SQLs- Manage data over time using information life cycle management- Make your data more secure by implementing new enhanced auditing- Learn new security features and how to implement encryption to secure your data- Explore how backup and flashback works with new multitenant architecture- Performance management techniques that will analyze and tune your database. In Detail This guide will get Oracle admins up to date with the latest developments in Oracle 12c. It includes all the necessary information that you need to implement in your existing systems. All of the information in this book has been handpicked to help you study for the Oracle 12c upgrade exam. Each chapter has been written with the objective of helping you pass this exam with ease. Content in this book is aligned with the objectives of the exam, making it really easy to follow the course content. Every example mentioned in this book has been tried and tested in actual environment. Real-world examples will help you learn about new features such as multitenant containers database architecture, managing containers, pluggable databases, database administration enhancements, database auditing, tuning, backup, and flashback enhancements. You will also learn about storage enhancements, security updates, tuning, troubleshooting, and backup enhancements. This book also covers section 2 of the exam course making this book a complete guide for passing OCP 12c upgrade exam 1Z0-060. Style and approach This book systematically covers various aspects of Oracle administration and provides the information necessary to pass the OCP Upgrade 1Z0-060 Exam Set 1 and Set 2.

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.

Developed as a practical book, "Oracle Database 11g Administration I Certification Guide" will show you all you need to know to effectively excel at being an Oracle DBA, for both examinations and the real world. This book is for anyone who needs the essential skills to become an Oracle DBA, pass the Oracle Database Administration I exam, and use those skills in the real world to manage secure, high performance, and highly available Oracle databases.

When your database application isn't running fast enough, troubleshooting is usually your first move. Finding the slow part of an application is often easy, but discovering a solution can prove much more difficult. Troubleshooting Oracle Performance helps by providing a systematic approach to addressing the underlying causes of poor database application performance. Written for developers by an application developer who has learned by doing, this book shows you how to plan for performance as you would for any other application requirement.

Advanced Oracle PL/SQL Developer's Guide

Oracle Business Intelligence and Essbase Solutions Guide

Expert Consolidation in Oracle Database 12c

An Insider'S Insight

Oracle Database Problem Solving and Troubleshooting Handbook

The Essential Guide to Oracle Automatic Storage Management

Expert Oracle GoldenGate is a hands-on guide to creating and managing complex data replication environments using the latest in database replication technology from Oracle. GoldenGate is the future in replication technology from Oracle, and aims to be best-of-breed. GoldenGate supports homogeneous replication between Oracle databases. It supports heterogeneous replication involving other brands such as Microsoft SQL Server and IBM DB2 Universal Server. GoldenGate is high-speed, bidirectional, highly-parallelized, and makes only a light impact on the performance of databases involved in replication. The authors share their experience in the form of tutorials on designing and implementing all types of Oracle GoldenGate environments. You'll learn methods for tuning Oracle GoldenGate performance. You'll discover GoldenGate's utility as a migration and extract, transform, load (ETL) tool. You'll learn to configure highly-available environments involving GoldenGate, Real Application Clusters, and Data Guard. From installation to design to implementation and troubleshooting, Expert Oracle GoldenGate helps you master

all aspects of using and applying Oracle GoldenGate as the replication tool of choice in your environment. Explains all aspects of using GoldenGate for replication Covers homogeneous, heterogeneous, and bidirectional replication Shows the use of GoldenGate for data migration and extract, transform, load (ETL)

Maximize Application Performance on Oracle Exadata Written by an enterprise architect specializing in applications on Oracle's engineered systems, Running Applications on Oracle Exadata: Tuning Tips & Techniques reveals proven methods for configuring and tuning Oracle Exadata to achieve peak results from applications. You'll get complete details on application migration, consolidation, and administration. Deliver unparalleled enterprise application performance on Oracle Exadata using the best practices provided in this Oracle Press guide. Understand Oracle Exadata architecture, hardware components, and software features Achieve peak performance from online transaction processing (OLTP) systems Size Oracle Exadata for applications using comparative and predictive methods Migrate and consolidate applications to Oracle Exadata Monitor, manage, and administer all Oracle Exadata components to ensure high availability and performance Develop and implement a backup and recovery strategy Learn best practices for running applications on Oracle Exadata Code examples in the book are available for download at OraclePressBooks.com

Apply Your SQL Server DBA Skills to Oracle Database Administration Use your SQL Server experience to set up and maintain a high-performance Oracle Database environment. Written by a DBA with expertise in both platforms, Oracle Database Administration for Microsoft SQL Server DBAs illustrates each technique with clear explanations, examples, and comparison tables. Get full details on Oracle Database intervals, creation assistants, management techniques, and query tools. High availability, disaster recovery, and security procedures are also extensively covered in this comprehensive Oracle Press guide. Install and configure Oracle Database on Windows or Linux systems Administer and monitor databases from Oracle Enterprise Manager Implement robust security using roles, permissions, and privileges Back up and restore databases with Oracle Recovery Manager Use the Oracle cost-based optimizer to tune performance Write, debug, and execute PL/SQL queries using Oracle SQL Developer Maximize availability with Oracle Real Application Clusters Build standby and failover servers using Oracle Data Guard

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

This book teaches the basics of Oracle GoldenGate, which is a product that is used to simplify the process of Oracle Database Replication. GoldenGate can be used for reporting, failover, high availability, live reporting, data warehousing, and BigData ETL process, as well as connecting to multiple other data sources outside of Oracle Database such as SQL Server, MySQL, Teradata, PostgreSQL, and many others. The purpose of GoldenGate and its popularity is its ability to make the highly complex architecture of database replication into a much more simplistic task. This book teaches the reader how to use Oracle GoldenGate, from installation to troubleshooting.

OCP: Oracle Database 12c Administrator Certified Professional Study Guide

Explore RAC, Data Guard, and Cloud Technology

OCP 12c Upgrade 1Z0-060 Exam Guide

Oca Oracle Database 11g Database Administration I

Expert Oracle Exadata

Oracle Automatic Storage Management: Under-the-Hood & Practical Deployment Guide

Oracle Exadata Recipes takes an example-based, problem/solution approach in showing how to size, install, configure, manage, monitor, optimize, and migrate Oracle database workloads on and to the Oracle Exadata Database Machine. Whether you're an Oracle Database administrator, Unix/Linux administrator, storage administrator, network administrator, or Oracle developer, Oracle Exadata Recipes provides effective and proven solutions to accomplish a wide variety of tasks on the Exadata Database Machine. You can feel confident using the reliable solutions that are demonstrated in this book in your enterprise Exadata environment. Managing Oracle Exadata is unlike managing a traditional Oracle database. Oracle's Exadata Database Machine is a pre-configured engineered system comprised of hardware and software, built to deliver extreme performance for Oracle Database workloads. Exadata delivers extreme performance by offering an optimally balanced hardware infrastructure with fast components at each layer of the engineered technology stack, as well as a unique set of Oracle software features designed to leverage the high-performing hardware infrastructure by reducing I/O demands. Let Oracle Exadata Recipes help you translate your existing Oracle Database knowledge into the exciting new growth area that is Oracle Exadata. Helps extend your Oracle Database skillset to the fast-growing, Exadata platform Presents information on managing Exadata in a helpful, example-based format Clearly explains unique Exadata software and hardware features

Master the Powerful Virtualization Tools in Oracle VM Set up and maintain a dynamic virtualization platform across your enterprise using the detailed information contained in this Oracle Press guide. Oracle VM Implementation and Administration Guide contains key virtualization concepts, practical

instructions, examples, and best practices. Find out how to design Oracle VM server farms, build and deploy virtual machines, handle provisioning and cloning, and work with Oracle VM Manager. Monitoring, tuning, and security techniques are also covered in this comprehensive volume. Install, configure, and manage all Oracle VM components Plan, size, and set up Oracle VM server farms and server pools Control resources from Oracle Enterprise Manager Grid Control, Oracle VM Manager, and Oracle VM Command Line Interface Govern network drives and virtual storage using Oracle VM tools Create virtual machines manually or from Oracle library templates Convert existing virtual machines on other systems to Oracle VM virtual machines Generate virtual machine clones that run on multiple server pools Maintain guest operating systems and software using Oracle Enterprise Manager Grid Control's Oracle VM Management Pack

- Pass Your 1Z0-070 Exam Easy! with this guide.- Number of questions: 103 Q&A.- Version of the dump: Latest version.- 1Z0-070 exam dumps & updated practice test questions to study and pass quickly and easily.- 100% Real 1Z0-070 practice test questions uploaded by real users who have passed their own exam and verified all the incorrect answers.

Achieve Extreme Application Performance for a Private Cloud with Oracle Exalogic Elastic Cloud Transition to a private cloud computing infrastructure and achieve unmatched levels of performance with help from this Oracle Press guide. Oracle Exalogic Elastic Cloud Handbook shows you how to plan, implement, and maintain a private cloud. Find out how to set up components, deploy Java applications, maximize redundancy and throughput, and migrate legacy workloads. Examples, screenshots, and diagrams are included throughout this comprehensive resource. Configure Oracle Exalogic Elastic Cloud nodes and racks Optimize Java EE application performance on Oracle WebLogic Server Provision and administer a highly scalable private cloud Build, debug, and manage custom Java applications Secure, monitor, and tune using Oracle Enterprise Manager Leverage capabilities from Oracle Fusion Middleware Consolidate Oracle and third-party application workloads

An updated guide for an updated certification exam! As the most popular database software in the world, OracleDatabase 12c has been updated for the first time in nearly sixyears and the changes are significant. This study guide reviews howOracle 12c allows multiple instances to be used simultaneously viathe cloud. You'll sharpen your skills to prepare for the threelevels of certification: Oracle Certified Associate, OracleCertified Professional, and Oracle Certified Master. Workbookexercise appendix, test engine, chapter review questions,electronic flashcards, searchable PDF glossary, and two bonuspractice exams all help to enhance your preparation to take theOracle 12c exam. Addresses such topics as: database architecture, configuringand recoverability, configuring backup specifications, andperforming 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 usingflashback technology Covers diagnosing the database, managing memory, managingresources, and automating tasks Focusing 100 percent on the exam objectives, OCP: OracleDatabase 12c Administrator Certified Professional Study Guideis designed for those who feel they are ready to attempt thischallenging exam.

Oracle Recovery Appliance Handbook

An Implementation and Management Guide

A Step-by-step Expert-led Database Upgrade Guide to Oracle 19c Using AutoUpgrade Utility (English Edition)

Practical Oracle E-Business Suite

Oracle Exadata Complete Self-Assessment Guide

Oracle ASM 12c Pocket Reference Guide

Maximize Oracle Exadata Capabilities Leverage all of the powerful features available in the Oracle Exadata Database Machine using the proven techniques inside this Oracle Press guide. Written by Oracle experts, Achieving Extreme Performance with Oracle Exadata shows you how to take full advantage of this complete, optimized package of software, servers, and storage. Best practices for enterprise deployments, high availability, administration, backup and recovery, data warehousing, online transaction processing, consolidation, and migration are included in this authoritative resource. Take advantage of the tightly integrated hardware and software in the Oracle Exadata Database Machine Work with Oracle Exadata software features, including Smart Scans, Oracle Exadata Hybrid Columnar Compression, storage indexes, Oracle Exadata Smart Flash Cache, and I/O Resource Manager Understand Oracle Exadata Database Machine balanced hardware architecture Architect, administer, and monitor Oracle Exadata Storage Servers Deploy data warehouses on the Oracle Exadata Database Machine Run online transaction processing (OLTP) workloads on the Oracle Exadata Database Machine Consolidate databases with and migrate databases to the Oracle Exadata Database Machine

This book highlights the practical aspects of using Oracle Essbase and Oracle Business Intelligence Enterprise Edition (OBIEE) as a comprehensive BI solution. It explains the key steps involved in Oracle Essbase and OBIEE implementations. Using case studies, the book covers Oracle Essbase for analytical BI and data integration, using OBIEE for operational BI including presentation services and BI Publisher for real-time reporting services, Self-service BI- in terms of VLDB, scalability, high performance, stability, long-lasting and ease of use that saves time, effort, and costs, while maximizing ROI.

Expert Oracle Exadata, 2nd Edition opens up the internals of Oracle's Exadata platform so that you can fully benefit from the most performant and scalable database hardware appliance capable of running Oracle Database. This edition is fully-updated to cover Exadata 5-2 and Oracle Database 12c. If you're new to Exadata, you'll soon learn that it embodies a change in how you think about and manage relational databases. A key part of that change lies in the concept of offloading SQL processing to the storage layer. In addition there is Oracle's engineering effort in creating a powerful platform for both consolidation and transaction processing. The resulting value proposition in the form of Exadata has truly been a game-changer. Expert Oracle Exadata, 2nd Edition provides a look at the internals and how the combination of hardware and software that comprise

Exadata actually work. Authors include Martin Bach, Andy Colvin, and Frits Hoogland, with contributions from Karl Arao, and built on the foundation laid by Kerry Osborne, Randy Johnson, and Tanel Poder in the first edition. They share their real-world experience gained through a great many Exadata implementations, possibly more than any other group of experts today. Always their goal is toward helping you advance your career through success with Exadata in your own environment. This book is intended for readers who want to understand what makes the platform tick and for whom—"how" it does what it is 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. This book changes how you think about managing SQL performance and processing. It provides a roadmap to successful Exadata implementation. And it removes the "black box" mystique. You'll learn how Exadata actually works and be better able to manage your Exadata engineered systems in support of your business. This book: Changes the way you think about managing SQL performance and processing Provides a roadmap to successful Exadata implementation Removes the "black box" mystique, showing how Exadata actually works Master Cloud building with Oracle VM 3 installation, configuration, and maintenance Set up, configure, and manage a dynamic virtualization platform across your enterprise using the detailed information contained in this Oracle Press guide. The book shows, step-by-step, how to size servers for Oracle VM, choose and deploy virtualization hardware and manage the environment as the foundation for a private cloud infrastructure. Real-world examples and valuable best practices are featured throughout. Oracle VM 3 Cloud Implementation and Administration Guide lays out key virtualization concepts and clearly explains every aspect of Oracle VM architecture. From there, you will learn how design server farms, build and maintain virtual machines, handle provisioning and cloning, work with Oracle VM Manager, and incorporate solid security procedures. Advanced topics such as Disaster Recovery design and implementation, Cloud management with Oracle Enterprise Manager Cloud Control and advanced storage and network integration aspects are fully covered. • Features tips, techniques, and tools for optimizing Oracle products on Oracle VM • Contains expert, hands-on advice on tackling the most common challenges • Written by a team of Oracle professionals with extensive VM experience

"Easy-to-manage deployment and virtualization"--cover.

Achieving Extreme Performance with Oracle Exadata

Oracle GoldenGate With Microservices

OCP Oracle Database 12c Advanced Administration Exam Guide (Exam 1Z0-063)

A Real-World Certification Guide

Tuning Tips & Techniques

Exam 1Z0-063

Build and manage a scalable storage infrastructure with Oracle Automatic Storage Management Streamline data management and provisioning using Oracle Automatic Storage Management (Oracle ASM) and the detailed information contained in this exclusive Oracle Press resource. Written by a team of database experts, Oracle Automatic Storage Management: Under-the-Hood & Practical Deployment Guide explains how to build and maintain a dynamic, highly available Oracle database storage environment. Inside, you'll learn how to configure storage for Oracle ASM, build disk groups, use data striping and mirroring, and optimize performance. You'll also learn how to ensure consistency across server and storage platforms, maximize data redundancy, and administer Oracle ASM from the command line. Manage Oracle ASM Instances and configure Oracle RDBMS instances to leverage Oracle ASM Define, discover, and manage disk storage under Oracle ASM Create external, normal-redundancy, and high-redundancy disk groups Add and remove Oracle ASM storage without affecting RDMS instance availability Learn how Oracle ASM provides even I/O distribution Work with Oracle ASM directories, files, templates, and aliases Improve storage performance and integrity using the ASMLIB API Simplify system administration with the Oracle ASM command line interface Understand key internal Oracle ASM structures and algorithms An all-in-one study guide prepares you for the updated Oracle Certified Associate certification It's been nearly six years since Oracle updated its cornerstonedatabase software, making the demand for a comprehensive studyguide for the OCA 12c certification a top priority. This resourceanswers that demand. Packed with invaluable insight, chapter reviewquestions, bonus practice exams, hundreds of electronic flashcards,and a searchable glossary of terms, this study guide prepares youfor the challenging Oracle certification exams. Provides you with a solid understanding of restricting andsorting data Walks you through using conversion functions and conditionalexpressions Addresses displaying data from multiple tables, manipulatingdata, database maintenance, and database backups and recovery Explores the Oracle database architecture and discussespreparing the database environment, creating an Oracle database,and managing the Oracle instance Focuses on administering and implementing user security This must-have study guide thoroughly prepares you to take theupdated Oracle 12c OCA exams.

Written by Oracle insiders, this indispensable guide distills an enormous amount of information about the Oracle Database into one compact 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 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

Oracle Exadata Recipes takes an example-based, problem/solution approach in showing how to size, install, configure, manage, monitor, optimize, and migrate Oracle database workloads on and to the Oracle Exadata Database Machine. Whether you're an Oracle Database administrator, Unix/Linux administrator, storage administrator, network administrator, or Oracle developer, Oracle Exadata Recipes provides effective and proven solutions to accomplish a wide variety of tasks on the Exadata Database Machine. You can feel confident using the reliable solutions that are demonstrated in this book in your enterprise Exadata environment. Managing Oracle Exadata is unlike managing a traditional Oracle database. Oracle's Exadata Database Machine is a pre-configured engineered system comprised of hardware and software, built to deliver extreme performance for Oracle Database workloads. Exadata delivers extreme performance by offering an optimally balanced hardware infrastructure with fast components at each layer of the engineered technology stack, as well as a unique set of Oracle software features designed to leverage the high-performing hardware infrastructure by reducing I/O demands. Let Oracle Exadata Recipes help you translate your existing Oracle Database knowledge into the exciting new growth area that is Oracle Exadata. Helps extend your Oracle Database skillset to the fast-growing, Exadata platform Presents information on managing Exadata in a helpful, example-based format Clearly explains unique Exadata software and hardware features What you'll learn Install and configure Exadata Manage your Exadata hardware infrastructure Monitor and troubleshoot performance issues Manage smart scan and cell offload processing Take advantage of Hybrid Columnar Compression Deploy Smart Flash Cache and Smart Flash Logging Ensure the health of your Exadata environment Who this book is for Oracle Exadata Recipes is for Oracle Database administrators, Unix/Linux administrators, storage administrators, backup administrators, network administrators, and Oracle developers who want to quickly learn to develop effective and proven solutions without reading through a lengthy manual scrubbing for techniques. Readers in a hurry will appreciate the recipe format that sets up solutions to common tasks as the centerpiece of the book. Table of Contents Exadata Hardware Exadata Software How Oracle Works on Exadata Workload Qualification Sizing Exadata Preparing for Exadata Administration and Diagnostics Utilities Backup and Recovery Storage Administration Network Administration Patching and Upgrades Security Monitoring Exadata Storage Cells Host and Database Performance Monitoring Smart Scan and Cell Offload Hybrid Columnar Compression I/O Resource Management and Instance Caging Smart Flash Cache and Smart Flash Logging Storage Indexes Post-Installation Monitoring Tasks Post-Install Database Tasks Database Cloud Storage Oracle Data Guard 11g Handbook Oracle High Availability, Disaster Recovery, and Cloud Services

Oracle Enterprise Manager Cloud Control 12c Deep Dive

Working with Oracle GoldenGate 12c

Describes what Exadata is and its available configurations for such features as smart scans, storage indexes, hybrid columnar compression, and Smart Flash Cache.

Master Oracle's AutoUpgrade tool effectively to upgrade Oracle databases from lower versions to 19c. KEY FEATURES

- In-depth practical demonstration of Oracle database upgrades with various real-time scenarios.
- Step-by-step illustration of each Oracle database upgrade and downgrade method.
- Fastest ever multiple Oracle databases upgrade.

DESCRIPTION 'Oracle 19c AutoUpgrade Best Practices' is a simple cookbook for database professionals to upgrade from lower versions to 19c or downgrade from 19c to lower versions. This book is dedicated solely to demonstrate upgrading Oracle Databases to 19c by using AutoUpgrade tool. It has a very good explanation about different AutoUpgrade processing modes (Analyze, Fixup, Deploy, and Upgrade) and various stages that the AutoUpgrade job runs while performing database upgrade. Multiple chapters in this book covers various scenarios with detailed steps for upgrading Oracle database from versions 11g/12c/18c to version 19c and Downgrading from 19c to 11g/12c/18c. By the end of this book, every Oracle DBA can gain real-time experience and become a master in upgrading and downgrading oracle databases (Standalone, RAC, Standby) using AutoUpgrade Utility.

WHAT YOU WILL LEARN

- Learn to use the Oracle database upgrade tool AutoUpgrade for various DB challenges.
- Understand how to convert a non-container database to a 19c pluggable database.
- Get to know how to upgrade multiple databases of different versions to 19c in a single operation.

WHO THIS BOOK IS FOR This book is intended for Oracle DBA students, Database administrators, Database Architects and anyone else who want to improve their database upgrade or downgrade skills in a concise and understandable manner.

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Private clouds allow for managing multiple databases under one roof, avoiding unnecessary resource management. Private cloud solutions can be applied in sectors such as healthcare, retail, and software. The Introduction to Private Cloud using Oracle Exadata and Oracle Database will explore the general architecture of private cloud databases with a focus on Oracle's Exadata database machine. The book describes the private cloud using fundamental-level Exadata and database. Exadata has been Oracle's pioneer product for almost a decade. In the last few years, Oracle has positioned Exadata for customers to consume as a cloud service. This book will provide a timely introduction to Exadata for current and potential Oracle customers and other IT professionals.

This Oracle Press guide shows how to implement a cloud-based management system and maintain on-demand access to critical services with Oracle Enterprise Manager Cloud Control 12c.

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!

Oracle 19c AutoUpgrade Best Practices

Oracle Database 12c Backup and Recovery Survival Guide

Real-Time Scenarios with Oracle GoldenGate

A Problem-Solution Approach

Running Applications on Oracle Exadata

Oracle Database Exadata Cloud Service: A Beginner's Guide

A Complete Study System for OCP Exam 1Z0-063 Prepare for the Oracle Certified Professional Oracle Database 12c Advanced Administration exam with this exclusive Oracle Press guide. Each chapter features challenging exercises, a certification summary, a two-minute drill, and a self test to reinforce the topics presented. This authoritative resource helps you pass the exam and also serves as an essential on-the-job reference. Get complete coverage of all OCP objectives for exam 1Z0-063, including: Configuring and managing Oracle Recovery Manager (RMAN) settings Using the Oracle RMAN recovery catalog Performing backup and recovery Diagnosing database failures and using the automatic diagnostic repository Encrypting, securing, monitoring, and tuning Oracle RMAN backups Configuring and using flashback features Transporting and copying tablespaces and databases Creating and managing multitenant container databases and pluggable databases Using the Oracle Data Pump, SQL*Loader, and auditing features Electronic content includes: 150+ practice exam questions Test engine that provides practice exams or quizzes that can be customized by chapter or exam objective

From Implementation to Troubleshooting

Latest Oracle Exadata X5 Administration Exam 1Z0-070 Questions and Answers

The Introduction to Private Cloud using Oracle Exadata and Oracle Database

Oracle Exadata Survival Guide
Expert Oracle GoldenGate
Exams 1Z0-061 and 1Z0-062