

Oracle 11gR2 RAC Quick Deployment Guide Quickly Setup 2 Node RAC For Practice At Home

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We offer you this proper as capably as simple exaggeration to get those all. We present Oracle 11gR2 RAC Quick Deployment Guide Quickly Setup 2 Node RAC For Practice At Home and numerous ebook collections from fictions to scientific research in any way. among them is this Oracle 11gR2 RAC Quick Deployment Guide Quickly Setup 2 Node RAC For Practice At Home that can be your partner.

Oracle BI 11g - Sideris Courseware Corp 2012

This textbook offers an exhaustive, step-by-step guide through the powerful features of the Oracle Business Intelligence (BI) product suite. One will learn the concepts, methods and techniques for building sophisticated data analytic modules. Analytic results are then organized into interactive dashboards. A solid foundation is laid for one to progress onto the latest and most advanced data analytic capabilities. The following specific topics are included in this guide book: Background discussion of data warehousing, business intelligence (BI) and data analytics presented in a form that business professionals can readily understand; Background concepts regarding logical data models, star schema and snowflake schema warehouse models; How to build analytical models using fact tables, dimensions, dimension hierarchies, cubes, measures and other multidimensional data model objects; Use interactive Dashboards to analyze data, uncover trends and make strategic business decisions; Export BI results to productivity software such as Microsoft Office or other external systems; Design customized Dashboards to reflect an individual's role, perspective or business interest; Creating data analyses and dynamically interact with results

produced from Oracle BI; Format analyses using sorts, filters and prompts; Format column output, subtotaling, customization of column properties and transforming column data using formulas; Create results with compound layouts, including views such as tabular, chart, pivot table, gauge and others; Manage content, permissions and access within the Presentation Catalog. This textbook includes dozens of learning exercises, with detailed point-and-click solutions also provided.

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 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

Oracle E-Business Suite: the little r12.2.7 upgrade essentials for managers and team members - Mike Swing 2018-05-02

Putting together the right team to tackle the Oracle E-Business Suite R12.2.7 upgrade, and understanding the issues that the team needs to consider to be successful, can be quite a challenge. "the little r12.2.7 upgrade essentials for managers and team members" describes the big picture of what you need to consider before tackling the Release 12.2.7 upgrade. Based on TruTek's popular R11i to R12 Technical Upgrade training classes, this book describes what managers, functional, and technical team members need to know to prepare to upgrade from Release 11i to Release 12.2.7 of Oracle's E-Business Suite of Applications. Enhanced topics with this edition include: Online Patching, the ADOP Patching Cycle, Materialized Views, Customizations, Development Standards for Edition Based Redefinition, How Cross-Edition Triggers Work, and Understanding the Release 12.2 Architecture.

Oracle 11g New Features - Brian Carr 2008

A guide to the new features of Oracle Database 11g covers such topics as architectural changes, database administration upgrades, security

enhancements, and programming innovations.

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.

Oracle Database 11g Release 2 High Availability: Maximize Your Availability with Grid Infrastructure, RAC and Data Guard - Scott Jesse 2011-04-22

Leverage Oracle Database 11g Release 2 High Availability Features Protect your critical business assets and achieve maximum database uptime using the detailed information in this Oracle Press guide. Oracle Database 11g Release 2 High Availability: Maximize Your Availability with Grid Infrastructure, Oracle Real Application Clusters, and Oracle Data Guard, Second Edition provides cost-effective solutions to current availability challenges. Discover how to grid-enable your IT framework, roll out Oracle Real Application Clusters, maintain standby databases, and deploy Oracle Flashback. Monitoring, tuning, and disaster recovery techniques are also covered in this comprehensive resource. Install Oracle Clusterware (as part of Oracle's grid infrastructure) or upgrade from an earlier version Build test clusters and hosts using Oracle VM Work with Oracle Automatic Storage Management and Oracle Automatic Storage Management Cluster File System Create synchronized standby databases using Oracle Data Guard Reliably archive and restore data with Oracle Recovery Manager Use Oracle Flashback to identify and

undo user errors Configure Oracle Enterprise Manager Grid Control for management of an Oracle maximum availability architecture environment

Troubleshooting Oracle Performance - Christian Antognini
2008-08-20

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.

Oracle Exadata Recipes - John Clarke 2013-01-28

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

POWER7 and POWER7+ Optimization and Tuning Guide - Brian Hall 2013-03-04

This IBM® Redbooks® publication provides advice and technical information about optimizing and tuning application code to run on systems that are based on the IBM POWER7® and POWER7+™ processors. This advice is drawn from application optimization efforts across many different types of code that runs under the IBM AIX® and Linux operating systems, focusing on the more pervasive performance opportunities that are identified, and how to capitalize on them. The technical information was developed by a set of domain experts at IBM.

The focus of this book is to gather the right technical information, and lay out simple guidance for optimizing code performance on the IBM POWER7 and POWER7+ systems that run the AIX or Linux operating systems. This book contains a large amount of straightforward performance optimization that can be performed with minimal effort and without previous experience or in-depth knowledge. This optimization work can: Improve the performance of the application that is being optimized for the POWER7 system Carry over improvements to systems that are based on related processor chips Improve performance on other platforms The audience of this book is those personnel who are responsible for performing migration and implementation activities on IBM POWER7-based servers, which includes system administrators, system architects, network administrators, information architects, and database administrators (DBAs).

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

SONAS Implementation and Best Practices Guide - Mary Lovelace 2012-07-27

IBM® Scale Out Network Attached Storage (SONAS) is a Scale Out NAS offering designed to manage vast repositories of information in enterprise environments requiring very large capacities, high levels of performance, and high availability. The IBM SONAS appliance provides a range of reliable, scalable storage solutions for a variety of storage requirements. These capabilities are achieved by using network access

protocols such as NFS, CIFS, HTTPS, FTP, and SCP. Using built-in RAID technologies, all data is well protected with options to add additional protection through mirroring, replication, snapshots, and backup. These storage systems are also characterized by simple management interfaces that make their installation, administration, and troubleshooting uncomplicated and straightforward. This IBM Redbooks® publication is the companion to the IBM Redbooks publication, SONAS Concepts, Architecture, and Planning Guide, SG24-7963. It is intended for storage administrators who have ordered their SONAS solution and are ready to install, customize, and use it. A quick start scenario takes you through common SONAS administration tasks to familiarize you with the SONAS system through the GUI and CLI. Backup and availability scenarios as well as best practices for setting up and troubleshooting hints and tips are included.

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 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.

Oracle E-Business Suite: the little r12.2.8 upgrade essentials for managers and team members - Mike Swing 2019-06-12

Putting together the right team to tackle the Oracle E-Business Suite R12.2.8 upgrade, and understanding the issues that the team needs to consider to be successful, can be quite a challenge. "the little r12.2.8 upgrade essentials for managers and team members" describes the big picture of what you need to consider before tackling the Release 12.2.8 upgrade. Based on TruTek's popular R11i to R12 Technical Upgrade training classes, this book describes what managers, functional, and technical team members need to know to prepare to upgrade from Release 11i to Release 12.2.8 of Oracle's E-Business Suite of Applications. Enhanced topics with this edition include: Online Patching, the ADOP Patching Cycle, Materialized Views, Customizations, Development Standards for Edition Based Redefinition, How Cross-Edition Triggers Work, and Understanding the Release 12.2 Architecture.

Database Cloud Storage - Nitin Vengurlekar 2013-07-06

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

Oracle Database XE 11gR2 Jump Start Guide - Asif Momen 2012-07-10

Build and manage your Oracle Database XE environment with this fast paced, practical guide

Expert Oracle GoldenGate - Ben Prusinski 2011-10-07

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)

Deployment Guide for InfoSphere Guardium - Whei-Jen Chen 2015-04-14

IBM® InfoSphere® Guardium® provides the simplest, most robust solution for data security and data privacy by assuring the integrity of trusted information in your data center. InfoSphere Guardium helps you reduce support costs by automating the entire compliance auditing process across heterogeneous environments. InfoSphere Guardium offers a flexible and scalable solution to support varying customer architecture requirements. This IBM Redbooks® publication provides a guide for deploying the Guardium solutions. This book also provides a roadmap process for implementing an InfoSphere Guardium solution that is based on years of experience and best practices that were collected from various Guardium experts. We describe planning, installation, configuration, monitoring, and administrating an InfoSphere Guardium environment. We also describe use cases and how InfoSphere Guardium integrates with other IBM products. The guidance can help you successfully deploy and manage an IBM InfoSphere Guardium system. This book is intended for the system administrators and support staff who are responsible for deploying or supporting an InfoSphere Guardium environment.

Oracle 10g RAC Grid, Services and Clustering - Murali Vallath 2006-07-04

Grid architecture is Oracle's strategy for high-end computing and RAC is the stepping stone into this arena. This book focuses on current technology including all valid RAC features up through Oracle Database 10g Release 2, with a primary focus on deploying it in a high-end grid environment. The book discusses this technology at length which users will find beneficial when researching, implementing or monitoring a RAC environment. The author covers workshop implementation of services and the distribution of workload across instances, with threshold definitions and the new load balancing algorithms. In addition it includes detailed discussions on ASM that complements the implementation of

RAC in Oracle Grid strategy. The book also includes discussions on new Oracle Clusterware, its components and its integration with RAC. Oracle 10g RAC focuses on RAC-specific topics including ASM, operating system configuration, installation and configuration of RAC and much more. Coverage includes network configuration for high availability, FAN, TAF, ONS, implementation of maximum availability architecture (MAA), EM Grid Control, AWR, ADDM and other performance-related tools. The author includes several scripts for performance tuning and implementation that the reader can use to configure a RAC environment either on a 2, 4, 8, 60 or 99 node configuration. Focuses on implementing, testing and tuning features of Real Application Clusters (RAC) database version 10g Release 2 Provides extensive coverage of usage, day-to-day functions and operations Includes tips and techniques such as script samples to illustrate various features of RAC A jumpstart into all the key features of 10g R2 RAC

IBM DB2 9.7 Advanced Administration Cookbook - Adrian Neagu 2012-02-24

This is a practical hands-on book with clear instructions and lot of code examples. It takes a simple approach, guiding you through different architectural topics using realistic sample projects

Oracle Automatic Storage Management: Under-the-Hood & Practical Deployment Guide - Nitin Vengurlekar 2007-11-26

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

Installing Oracle 11gR2 RAC on Linux on System z - Terry Elliot
2011-11-22

This IBM® Redpaper™ publication describes experiences gained while installing Oracle Database 11gR2 with Grid Infrastructure (GI). It covers the set up and installation process for these environments: Setting up Red Hat Enterprise Linux 5 with DASD Setting up Red Hat Enterprise Linux 5 with FCP/SCSI Setting up SLES11 with DASD Setting up SLES11 with FCP/SCSI disks Examples include the installation of the Grid Infrastructure, installation of a single instance database and installation of a two-node Real Application Cluster (RAC) database. In all cases, we use UDEV rules for DASD and single path SCSI, and multipathing for multi-path SCSI to provide device persistency for ASM storage, not ASMLib. Interested readers would include database consultants, installers, administrators, and system programmers. This is not meant to replace Oracle documentation, but to supplement it with our experiences while installing and using Oracle Database products. We made extensive uses of My Oracle Support notes.

Oracle Enterprise Manager Cloud Control 12c - Porus Homi Havewala 2012-01-01

This book is a practical step-by-step tutorial with screenshots for carrying out tasks showing you how to manage and administer your data center with Oracle Enterprise Manager. It is packed with best practices and tips that will help you benefit from the author's extensive experience of working with Oracle Enterprise Manager since at least a decade, and combined with his 25+ years IT industry experience. If you are a Data

Center, IT or Database Team manager who wants to take advantage of the automation and compliance benefits of Enterprise Manager 12c Cloud Control, then Oracle Enterprise Mana.

Practical Oracle Database Appliance - Bobby Curtis 2014-01-29

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

They Chose Beenleigh - Logan River and District Family History Society Inc. 2009

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 experiences while Oracle products are installed and used.

Practical Oracle E-Business Suite - Syed Zaheer 2016-09-30

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

Oracle on IBM Z - Susan Adamovich 2018-07-26

Oracle Database 12c Release 1 running on Linux is available for deployment on the IBM ZTM 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 experiences while installing and using Oracle

products.

Oracle 11gR2 RAC For Beginners - Arun Kumar 2019-10-18

Oracle RAC technology is the advance level of database which is designed to provide high availability and scalability. Oracle RAC is installed on multiple servers and it forms the foundation for database cloud. Build a Strong Foundation in Oracle grid, Clusterware Installation with this book for Beginners. - Introduction to clusterware technology- Oracle cluster node setup- Oracle 11g grid software installation- Setup two node RAC- Create first Oracle RAC database- Oracle RAC and ASM administration A strong RAC Beginners eBook for IT Professionals World Wide! Oracle RAC allows multiple computers to run Oracle RDBMS software simultaneously while accessing a single database, thus providing clustering. The main aim of Oracle RAC online course is to implement a clustered database to provide performance, scalability and resilience. It's a clustered version of Oracle Database based on a comprehensive high availability stack. The Oracle 11gR2 Real Application Clusters Administration eBook describes the Oracle RAC architecture, hands on experience and Oracle Real Application Clusters multi node installations. This eBook is for people who have prior knowledge on Oracle database administration and covers knowledge on topics like Oracle RAC Cluster, Oracle AMS, Oracle RAC administration, Oracle RAC Installation, Oracle RAC on VirtualBox and many more.

SAP Backup using Tivoli Storage Manager - Budi Darmawan 2013-04-26

In this IBM® Redbooks® publication, we give an overview of different data management topics related to a typical SAP® data center. The intrinsic functionality of SAP is not designed to completely handle all the tasks of a data center by itself, but the SAP system offers several interface possibilities to attach external tools to it to accomplish this task. We explain SAP basic concepts and the issues with SAP data management. We introduce Tivoli® Storage Manager and all of its products that are related to SAP data management. We provide some comparison between database backup and recovery tools. Finally, we discuss data archiving using IBM DB2® CommonStore for SAP, and

discuss high availability requirements and disaster recovery considerations. The second part of this book discusses a practical implementation of SAP backup and recovery with Tivoli Storage Manager. We implement this setup on two separate SAP systems: one running DB2 and the other running Oracle® database. We also implement LAN-free backup and FlashCopy® scenarios. In the sample implementation section, we show many different tasks, such as backup and restore, database recovery, backup monitoring, and tuning. We also cover some advanced backup/availability considerations, such as split mirror backup and standby databases. This book helps individuals that operate an SAP environment to devise a strategy for a sound and comprehensive data backup solution using the IBM Tivoli Storage Management product family.

Virtualizing Oracle Databases on VSphere - Kannan Mani 2014

Annotation Thousands of organizations are virtualizing large-scale Oracle database systems. But, until now, reliable best practices have been hard to find, and database and virtualization professionals have often brought differing and incompatible perspectives to the challenge. Now, there's a comprehensive best practice guide reflecting deep understanding of both Oracle and vSphere, and supported by extensive in-the-field experience with the full spectrum of applications and environments.

IBM PowerVM Virtualization Introduction and Configuration -

Scott Vetter 2015-11-24

This IBM® Redbooks® publication provides an introduction to PowerVMTM virtualization technologies on Power System servers. PowerVM is a combination of hardware, firmware, and software that provides CPU, network, and disk virtualization. These are the main virtualization technologies: POWER7, POWER6, and POWER5 hardware POWER Hypervisor Virtual I/O Server Though the PowerVM brand includes partitioning, management software, and other offerings, this publication focuses on the virtualization technologies that are part of the PowerVM Standard and Enterprise Editions. This publication is also designed to be an introduction guide for system administrators, providing instructions for these tasks: Configuration and creation of

partitions and resources on the HMC Installation and configuration of the Virtual I/O Server Creation and installation of virtualized partitions Examples using AIX, IBM i, and Linux This edition has been updated with the latest updates available and an improved content organization.

Oracle 19c AutoUpgrade Best Practices - Sambaiah Sammeta 2021-11-30

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. TABLE OF CONTENTS 1. Introduction to DB Upgrades 2. Upgrading Oracle Database from 11.2.0.4 to 19.9.0 Using dbupgrade (Manual) 3. Upgrading Oracle

Database from 11.2.0.4 to 19.9.0 (Using AutoUpgrade) 4. Upgrading and Converting 12c non-CDB as 19c PDB 5. Upgrading Oracle Multitenant Database from 12c/18c to 19c 6. Upgrading and Converting 12c non-CDB as 19c PDB (using AutoUpgrade) 7. Upgrading Multiple Database Versions (11g/12c/18c) to 19c Using the Single AutoUpgrade Command
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

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.

Experiences with Oracle Database 12c Release 1 on Linux on System z - Arrell Kathryn 2014-05-13

Oracle Database 12c Release 1 is now supported on Linux on IBM® System z®. This platform offers many advantages to customers who rely upon the IBM mainframe systems to run their businesses. Linux on System z takes advantage of the qualities of service in the System z hardware and in IBM z/VM®, making it a robust industrial strength version of Linux. This provides an excellent platform for hosting Oracle solutions that run in an enterprise. This IBM Redbooks® publication shares experiences that are gained while installing and testing Oracle Database 12c Release 1: Recommendations about how to set up an infrastructure Installing an Oracle Grid Infrastructure Installing Oracle 12C R1 Real Application Clusters (RAC) and creating a RAC Database, including a multitenant database Using the Cloud Control Agent to manage Oracle Database 12c Release 1 Installing Oracle WebLogic Server 12c Upgrading from an Oracle Database from 11gR2 to 12c Release 1 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 Wait Interface: A Practical Guide to Performance Diagnostics & Tuning - Richmond Shee 2004-07-16

Troubleshoot, tune, and optimize your Oracle database efficiently and successfully every time. This book explains how to take full advantage of the revolutionary Oracle Wait Interface to quickly pinpoint--and solve--core problems and bottlenecks, and increase productivity exponentially.

Expert Oracle RAC 12c - Riyaj Shamsudeen 2013-08-13

Expert Oracle RAC 12c is a hands-on book helping you understand and implement Oracle Real Application Clusters (RAC), and to reduce the total-cost-of-ownership (TCO) of a RAC database. As a seasoned professional, you are probably aware of the importance of understanding the technical details behind the RAC stack. This book provides deep understanding of RAC concepts and implementation details that you can apply toward your day-to-day operational practices. You'll be guided in troubleshooting and avoiding trouble in your installation. Successful RAC operation hinges upon a fast-performing network interconnect, and this book dedicates a chapter solely to that very important and easily overlooked topic. All four authors are experienced RAC engineers with a wealth of hard-won experience encountering and surmounting the challenges of running a RAC environment that delivers on its promise. In Expert Oracle RAC 12c they provide you a framework in which to avoid repeating their hard-won lessons. Their goal is for you to manage your own RAC environment with ease and expertise. Provides a deep conceptual understanding of RAC Provides best practices to implement RAC properly and match application workload Enables readers to troubleshoot RAC with ease What you'll learn Know when to apply RAC, and when not to Design applications to take advantage of RAC Troubleshoot and solve clusterware problems Manage database backup and recovery in RAC Stay on top of locking issues and deadlock detection Harness the performance from parallel processing in RAC Support your RAC environment with a healthy network interconnect Who this book is for Expert Oracle RAC 12c is for experienced Oracle Database Administrators (DBAs) who are ready to take the next step in their career by expanding their skill set to include building and managing Oracle Real Application Clusters (RAC). DBAs and architects who are in the process of implementing RAC can immensely benefit from this book. It's an

excellent choice for DBAs to learn RAC conceptually, understand best practices, and become experts in troubleshooting RAC problems. Table of Contents Overview of Oracle RAC Clusterware Management and Troubleshooting RAC Operational Practices RAC New Features Storage and ASM Practices Application Design Issues Managing and Optimizing a Complex RAC Environment Backup and Recovery in RAC Network Practices in RAC RAC Database Optimization Locks and Deadlocks Parallel Query in RAC Clusterware and Database Upgrades Oracle RAC One Node

Pro Oracle Fusion Applications - Tushar Thakker 2015-09-02

Pro Oracle Fusion Applications is your one-stop source for help with installing Oracle's Fusion Applications suite in your on-premise environment. It also aids in the monitoring and ongoing administration of your Fusion environment. Author Tushar Thakker is widely known for his writings and expertise on Oracle Fusion Applications, and now he brings his accumulated wisdom to you in the form of this convenient handbook. Provisioning an Oracle Fusion Applications infrastructure is a daunting task. You'll have to plan a suitable topology and install the required database, an enterprise-wide identity management solution, and the applications themselves—all while working with a wide variety of people who may not always be accustomed to working together. Pro Oracle Fusion Applications provides a path to success that you won't want to be without. Beyond installation, Pro Oracle Fusion Applications provides excellent guidance on managing, monitoring, diagnostics, and troubleshooting your environment. The book also covers patching, a mundane but essential task that must be done regularly to keep your installation protected and running smoothly. The comprehensive and wide-ranging coverage makes Pro Oracle Fusion Applications an important book for anyone with responsibility for installation and ongoing management of an Oracle Fusion Applications installation.

Expert Oracle RAC Performance Diagnostics and Tuning - Murali Vallath 2014-10-13

Expert Oracle RAC Performance Diagnostics and Tuning provides comprehensive coverage of the features, technology and principles for

testing and tuning RAC databases. The book takes a deep look at optimizing RAC databases by following a methodical approach based on scientific analysis rather than using a speculative approach, twisting and turning knobs and gambling on the system. The book starts with the basic concepts of tuning methodology, capacity planning, and architecture. Author Murali Vallath then dissects the various tiers of the testing implementation, including the operating system, the network, the application, the storage, the instance, the database, and the grid infrastructure. He also introduces tools for performance optimization and thoroughly covers each aspect of the tuning process, using many real-world examples, analyses, and solutions from the field that provide you with a solid, practical, and replicable approach to tuning a RAC environment. The book concludes with troubleshooting guidance and quick reference of all the scripts used in the book. Expert Oracle RAC Performance Diagnostics and Tuning covers scenarios and details never discussed before in any other performance tuning books. If you have a RAC database, this book is a requirement. Get your copy today. Takes you through optimizing the various tiers of the RAC environment. Provides real life case studies, analysis and solutions from the field. Maps a methodical approach to testing, tuning and diagnosing the

cluster

Best practices and Getting Started Guide for Oracle on IBM

LinuxONE - Sam Amsavelu 2020-06-02

IBM® is a Platinum level Partner in the Oracle Partner Network, which delivers the proven combination of industry insight, extensive real-world Oracle applications experience, deep technical skills, and high-performance servers and storage to create a complete business solution with a defined return on investment. From application selection, purchase, and implementation to upgrade and maintenance, we help organizations reduce the total cost of ownership and the complexity of managing their current and future applications environment while building a solid base for business growth. Oracle Database running on Linux is available for deployment on IBM LinuxONE by using Redhat Enterprise Linux (RHEL) or SUSE Linux Enterprise Server (SLES). This enterprise-grade solution is designed to add value to Oracle Database solutions. This IBM Redpaper® publication focuses on accepted good practices for installing and getting started by using Oracle Database, which provides you with an environment that is optimized for performance, scalability, flexibility, and ease-of-management.