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Oracle Enterprise Manager 12c Command-Line Interface

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Oracle Enterprise Manager 12c Command-Line Interface Kellyn Pot'Vin, Seth Miller, Ray Smith, 2014-11-03 Oracle Enterprise Manager 12c Command Line Interface shows how to use Enterprise Manager's powerful scripting language to automate your database administration work and save time by scripting routine tasks and then executing those scripts across collections of databases and instances in your environment. This book is chock full of ready-made scripting examples contributed by the authors and leading members of the community. For example, you'll find scripts and examples of commands to Remove an Enterprise Manager agent and its related targets. Quickly create administrator accounts that are fully configured with pre-expired passwords and all needed roles. Invoke batch files to execute sequences of related commands with consistency against multiple targets. Batch create large groups of user logins with a single command and more. The Enterprise Manager Command Line Interface (EM CLI) is the administrator's key to unlocking the power of Enterprise Manager 12c. EM12c with scalability, repeatability, and confidence. In previous versions, most administrators ventured into the command line interface only with the assistance of Oracle Support. But now there are many features in EM12c that are accessible only from the command line. This is far from a disadvantage. Enterprise Manager is now a powerful tool for automation in the hands of a skilled database administrator. Enterprise Manager scripting offers potential for all administrators who manage Oracle's enterprise-level products in their environment. You can automate from the smallest single instance configuration all the way up to a broadly distributed enterprise-level rollout having database instances strewn across broad geographical distributions. The power of the EM CLI returns the administrator to the golden age where the entire environment from database to application to infrastructure can often be managed from this powerful command line tool secured by the robust Enterprise Manager framework. Brings a golden age of automation to Oracle Database administrators. Provides ready-made scripts contributed by leading members of the community. Covers advanced techniques involving Jython and Python.

Oracle Enterprise Manager 12c Command-Line Interface Kellyn Pot'Vin, Seth Miller, Ray Smith, 2014-12-11 Oracle Enterprise Manager 12c Command Line Interface shows how to use Enterprise Manager's powerful scripting language to automate your database administration work and save time by scripting routine tasks and then executing those scripts across collections of databases and instances in your environment. This book is chock full of ready-made scripting examples contributed by the authors and leading members of the community. For example, you'll find scripts and examples of commands to Remove an Enterprise Manager agent and its related targets. Quickly create administrator accounts that are fully configured with pre-expired passwords and all needed roles. Invoke batch files to execute sequences of related commands with consistency against multiple targets. Batch create large groups of user logins with a single command and more. The Enterprise Manager Command Line Interface (EM CLI) is the administrator's key to unlocking the power of Enterprise Manager 12c. EM12c with scalability, repeatability, and confidence. In previous versions, most administrators

ventured into the command line interface only with the assistance of Oracle Support But now there are many features in EM12c that are accessible only from the command line This is far from a disadvantage Enterprise Manager is now a powerful tool for automation in the hands of a skilled database administrator Enterprise Manager scripting offers potential for all administrators who manage Oracle s enterprise level products in their environment You can automate from the smallest single instance configuration all the way up to a broadly distributed enterprise level rollout having database instances strewn across broad geographical distributions The power of the EM CLI returns the administrator to the golden age where the entire environment from database to application to infrastructure can often be managed from this powerful command line tool secured by the robust Enterprise Manager framework Brings a golden age of automation to Oracle Database administrators Provides ready made scripts contributed by leading members of the community Covers advanced techniques involving Jython and Python

Expert Oracle Enterprise Manager 12c Kellyn Pot'Vin,Niall Litchfield,Alex Gorbachev,Anand Akela,Pete Sharman,Gokhan Atil,Leighton Nelson,Bobby Curtis,2013-08-13 Enterprise Manager 12c EM12c Oracle s newest and fully integrated enterprise management product now provides a complete cloud lifecycle management solution and enterprise environment management interface Expert Oracle Enterprise Manager 12c opens up the secrets of this incredible management tool saving you time while enhancing your visibility as someone management can rely upon to deliver reliable database service in today s increasingly chaotic and change driven IT environment Expert Oracle Enterprise Manager 12c covers all the topics you demand and need to function effectively from basic monitoring and configuration to advanced metric extensions and plugins Real life scenarios and demonstrations place you in the comfort zone of using the EM12c console and the experienced author team provides deep understanding of the inner workings of this new Enterprise Manager Database administrators and system administrators are expected to offer increasing levels of service for 24X7 systems and newer cloud environments Em12c offers robust end to end intelligent management of the complete environment It includes direct real time integration with Oracle s online knowledgebase Expert Oracle Enterprise Manager 12c helps you master this important tool and manage any challenge that comes your way Provides example solutions to everyday problems through EM12c features Explains the changes in EM12c included trusted extensions Focuses on advanced aspects of the EM12c interface

Managing IaaS and DBaaS Clouds with Oracle Enterprise Manager Cloud Control 12c Ved Antani,2013-11-25 This book is a step by step tutorial filled with practical examples which will show readers how to configure and manage IaaS and DBaaS with Oracle Enterprise Manager If you are a cloud administrator or a user of self service provisioning systems offered by Enterprise Manager this book is ideal for you It will also help administrators who want to understand the chargeback mechanism offered by Enterprise Manager An understanding of the basic building blocks of cloud computing such as networking virtualization storage and so on is needed by those of you interested in this book

Pro Oracle Database 12c Administration Darl Kuhn,2013-08-23 Pro Oracle Database 12c

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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

Experiences with Oracle Database 12c Release 1 on Linux on System z Arrell Kathryn, Mike Ebberts, Sam Amsavelu, Gaylan Braselton, Terry Elliott, Leon Rich, Barton Robinson, David Simpson, IBM Redbooks, 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

Expert Consolidation in Oracle Database 12c Martin Bach, 2014-01-23 Expert Consolidation in Oracle Database 12c is your key to reducing data

management costs and increasing data center efficiency Consolidation and cloud computing are converging trends sweeping the industry The same technologies enabling cloud computing enable consolidation as well leading to savings on all fronts from the amount of power used for servers to the amount of floor space consumed to the number of administrators needed to manage an installation Yet the consolidation process can be a long and winding road Success requires planning and consideration to the impacts on supporting infrastructure Expert Consolidation in Oracle Database 12c guides you through planning and implementing a consolidated Oracle Database installation using the many new features built into the latest release of Oracle's database management system You'll learn to identify 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 [OCA: Oracle Database 12c Administrator Certified Associate Study Guide](#) Biju Thomas, 2014-05-02 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 cornerstone database software making the demand for a comprehensive study guide for the OCA 12c certification a top priority This resource answers that demand Packed with invaluable insight chapter review questions bonus practice exams hundreds of electronic flashcards and a searchable glossary of terms this study guide prepares you for the challenging Oracle certification exams Provides you with a solid understanding of restricting and sorting data Walks you through using conversion functions and conditional expressions Addresses displaying data from multiple tables manipulating data database maintenance and database backups and recovery Explores the Oracle database architecture and discusses preparing 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 the dramatically updated Oracle 12c OCA exams [Oracle Enterprise Manager Cloud Control 12c Deep Dive](#) Michael New, Edward Whalen, Matthew Burke, 2013-08-13 Achieve peak database efficiency and derive unprecedented value from your corporate assets by implementing an end to end cloud computing solution Oracle Enterprise Manager Cloud Control 12c Deep Dive thoroughly explains best practices for deployment administration and monitoring Discover how to prepare and install Oracle Enterprise Manager Cloud Control 12c use agents apply system wide patches perform real time diagnostics and provision hosts databases and middleware Security plug ins and virtualization are also fully covered in this Oracle Press guide **Oracle Database Problem Solving and Troubleshooting Handbook** Tariq Farooq, Mike Ault, Paulo Portugal, Mohamed Houri, Syed Jaffar Hussain, Jim Czuprynski, Guy Harrison, 2016-04-04 An Expert Guide for Solving Complex Oracle Database Problems Oracle Database Problem Solving and Troubleshooting Handbook

delivers comprehensive practical and up to date advice for running the Oracle Database reliably and efficiently in complex production environments Seven leading Oracle experts have brought together an unmatched collection of proven solutions hands on examples and step by step tips for Oracle Database 12c 11g and other recent versions of Oracle Database Every solution is crafted to help experienced Oracle DBAs and DMAs understand and fix serious problems as rapidly as possible The authors cover LOB segments UNDO tablespaces high GC buffer wait events poor query response times latch contention indexing XA distributed transactions RMAN backup recovery and much more They also offer in depth coverage of a wide range of topics including DDL optimization VLDB tuning database forensics adaptive cursor sharing data pumps data migration SSDs indexes and how to go about fixing Oracle RAC problems Learn how to Choose the quickest path to solve high impact problems Use modern best practices to make your day more efficient and predictable Construct your Call 9 1 1 plan for future database emergencies Proactively perform maintenance to improve your environment s stability Save time with industry standard tools and scripts Register your product at informit.com/register for convenient access to downloads updates and corrections as they become available

Oracle Database 12c Security Cookbook Zoran Pavlovic, Maja Veselica, 2016-06-06 Secure your Oracle Database 12c with this valuable Oracle support resource featuring more than 100 solutions to the challenges of protecting your data About This Book Explore and learn the new security features introduced in Oracle Database 12c to successfully secure your sensitive data Learn how to identify which security strategy is right for your needs and how to apply it Each recipe provides you with a single step by step solution making this book a vital resource delivering Oracle support in one accessible place Who This Book Is For This book is for DBAs developers and architects who are keen to know more about security in Oracle Database 12c This book is best suited for beginners and intermediate level database security practitioners Basic knowledge of Oracle Database is expected but no prior experience of securing a database is required What You Will Learn Analyze application privileges and reduce the attack surface Reduce the risk of data exposure by using Oracle Data Redaction and Virtual Private Database Control data access and integrity in your organization using the appropriate database feature or option Learn how to protect your databases against application bypasses Audit user activity using the new auditing architecture Restrict highly privileged users from accessing data Encrypt data in Oracle Database Work in a real world environment where a multi layer security strategy is applied In Detail Businesses around the world are paying much greater attention toward database security than they ever have before Not only does the current regulatory environment require tight security particularly when dealing with sensitive and personal data data is also arguably a company s most valuable asset why wouldn t you want to protect it in a secure and reliable database Oracle Database lets you do exactly that It s why it is one of the world s leading databases with a rich portfolio of features to protect data from contemporary vulnerabilities it s the go to database for many organizations Oracle Database 12c Security Cookbook helps DBAs developers and architects to better understand database security challenges Let it guide

you through the process of implementing appropriate security mechanisms helping you to ensure you are taking proactive steps to keep your data safe Featuring solutions for common security problems in the new Oracle Database 12c with this book you can be confident about securing your database from a range of different threats and problems Style and approach Each chapter explains the different aspects of security through a series of recipes Each recipe presents instructions in a step by step manner supported by explanations of the topic

Mastering Oracle GoldenGate Ravinder Gupta, 2016-11-01 Master Oracle GoldenGate technology on multiple database platforms using this step by step implementation guide Learn about advanced features to use in building a robust high availability replication system Provided are detailed illustration of Oracle GoldenGate concepts GoldenGate tools and add ons as well as illustrative examples The book covers Oracle GoldenGate for Oracle database and also discusses setup and configuration for other common databases such as IBM DB2 SYBASE ASE MySQL and Microsoft SQL Server The technology landscape is fast changing and Mastering Oracle GoldenGate stays current by covering the new features included in Oracle GoldenGate 12c The book covers both classic capture and integrated capture as well as delivery Also covered are Oracle GoldenGate security and performance tuning to keep your system secure and performing at its best You will learn to monitor your GoldenGate system using tools that come with Oracle GoldenGate management pack as well as using shell scripts Troubleshooting is well illustrated with examples Covering Oracle GoldenGate technology across common database brands Discussing high performing and secure replication environments Speaking to replication in Big Data and cloud computing environments What You Will Learn Implement Oracle GoldenGate for real time replication Secure and tune your replication environment for high performance Administer your Oracle GoldenGate environment Learn troubleshooting approaches with help of examples Make use of GoldenGate Management Pack and its API Feed live data into Big Data and cloud based systems Who This Book Is For Database professionals who have chosen to ride the Oracle GoldenGate roller coaster for real time replication solutions The book is for beginners as well as professionals who are willing to master the leading replication technology in the industry It is an excellent choice for professionals who are implementing or maintaining Oracle GoldenGate replication environments on any of the major database management system platforms

Best practices and Getting Started Guide for Oracle on IBM LinuxONE Sam Amsavelu, Paul Novak, David J Simpson, IBM Redbooks, 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

Practical Oracle Database Appliance Bobby Curtis,Yury Velikanov,Erik Benner,Maris Elsin,Fuad Arshad,Pete Sharman,Matt Gallagher,2014-03-05 Practical Oracle Database Appliance is a hands on book taking you through the components and implementation of the Oracle Database Appliance Learn about architecture installation configuration and reconfiguration Install and configure the Oracle Database Appliance with confidence Make the right choices between the various configurations in order to realize your performance requirements Manage and monitor the appliance to meet business requirements Protect your data through proper backup and recovery procedures Oracle Database is one of the most relied up databases in industry For many years Oracle Database was a software product that had to be installed and configured at no small expense The Oracle Database Appliance makes Oracle Database into a plug and play proposition Plug the appliance into the wall socket and turn it on That s it You have a running database server This book takes you through that beginning point and beyond helping you to realize in your own organization the ease of deployment and management represented by the appliance Covers the Oracle Database Appliance from architecture through configuration Provides a technical resource for system and database administrators Examines practical use cases for the Oracle Database Appliance

Oca Oracle Database 11g Database Administration I Steve Ries,2013-02-22 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

Der Oracle DBA Mirko Hotzy,Andrea Held,Marek Adar,Christian Antognini,Ronny Egner,Markus Flechtner,Angelika Gallwitz,Stefan Oehrli,Daniel Steiger,2016-07-11 Der unentbehrliche Ratgeber f r die t glichen DBA Aufgaben Nutzen Sie die Erfahrung der langj hrigen Oracle Spezialisten Mit einer F lle praxiserprobter L sungen Deckt die Oracle Versionen bis 12c ab Im Internet Die Skripte des Buches sowie Listen mit n tzlichen Kommandos zum Nachschlagen Als Administrator der Oracle Database finden Sie in diesem Handbuch die ideale Unterst tzung f r die Herausforderungen Ihres Arbeitsalltags Hier haben sich namhafte und praxiserfahrene Autoren zusammengetan die gemeinsam ber 150 Jahre Erfahrung mit dieser Datenbank aufweisen und in den jeweiligen Kapiteln ihre Spezialgebiete darstellen Die Autoren vermitteln Ihnen fundiertes Know how sowie praktische L sungen zu Themen wie Aufbau und Betrieb eines Datenbankservers Administration und Monitoring Multitenant High Availability Backup und Recovery Security Upgrade einer Datenbank und Optimierung Zus tzlich finden Sie in diesem Handbuch neben der Darstellung der Produkte und Features von Oracle Database 12c viele Beispiele Praxistipps und Tricks die Sie direkt in Ihre t gliche Arbeit integrieren k nnen und die ber Versionsgrenzen hinweg anwendbar sind Im Internet k nnen Sie nicht nur auf

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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 **Oracle Exadata Expert's Handbook** Tariq Farooq, Charles Kim, Nitin Vengurlekar, Sridhar Avantsa, Guy Harrison, Syed Jaffar Hussain, 2015-06-12 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

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