

## Oracle Weblogic Server 12c Distinctive Recipes Architecture Development And Administration

Best Practices for Comprehensive Oracle Database Security Written by renowned experts from Oracle's National Security Group, Oracle Database 12c Security provides proven techniques for designing, implementing, and certifying secure Oracle Database systems in a multitenant architecture. The strategies are also applicable to standalone databases. This Oracle Press guide addresses everything from infrastructure to audit lifecycle and describes how to apply security measures in a holistic manner. The latest security features of Oracle Database 12c are explored in detail with practical and easy-to-understand examples. Connect users to databases in a secure manner Manage identity, authentication, and access control Implement database application security Provide security policies across enterprise applications using Real Application Security Control data access with Oracle Virtual Private Database Control sensitive data using data redaction and transparent sensitive data protection Control data access with Oracle Label Security Use Oracle Database Vault and Transparent Data Encryption for compliance, cybersecurity, and insider threats Implement auditing technologies, including Unified Audit Trail Manage security policies and monitor a secure database environment with Oracle Enterprise Manager Cloud Control

"[An] anthology of best practice in administrating WebLogic 12c, large-scale deployments, performance-tuning tools, the merged JVM, node manager, using JMX with your own applications, stuck threads, JDBC myths, effectively detecting memory leaks, Java EE examples, Oracle Fusion Middleware and WebLogic in the Cloud without the hype"--Page 4 of cover.

Getting Started with Oracle WebLogic Server 12c is a fast-paced and feature-packed book, designed to get you working with Java EE 6, JDK 7 and Oracle WebLogic Server 12c straight away, so start developing your own applications. Getting Started with Oracle WebLogic Server 12c: Developer's Guide is written for developers who are just getting started, or who have some experience, with Java EE who want to learn how to develop for and use Oracle WebLogic Server. Getting Started with Oracle WebLogic Server 12c: Developer's Guide also provides a great overview of the updated features of the 12c release, and how it integrates Java EE 6 and JDK 7 to remove boilerplate code.

Study this comprehensive guide for the Oracle WebLogic Server 12c Administration I Exam IZ0-133. It is a unique introductory resource to the WebLogic certification for new Oracle Fusion Middleware administrators and a valuable resource for WebLogic veterans seeking to evaluate their skills against the 12c certification topics. Passing a certification exam is not difficult when a candidate has good command of the subject matter, understands the intricacies surrounding its practice, and has gained experience after some time exercising the concepts. This book will contribute to the first two facets of such a preparation process. It provides an accurate review of all exam topics, suggests hands-on practices to gain or reinforce experience working with WebLogic, and introduces questions to help candidates become familiar with the format and style of questions found in the actual certification exam. "i>Oracle WebLogic Server 12c Administration I Exam IZ0-133 covers the associate level certification with Oracle. Although not dedicated to exam 1Z0-599, the guide is also a valuable foundational resource for those preparing for WebLogic Server 12c implementation specialist level certification. This book: Inspects the certification topics in chronological order, the order that you would likely follow in an on-the-job middleware infrastructure project Is a great resource for candidates preparing for the certification but who are unable to take live training Is a great point of departure for candidates pursuing more advanced Oracle WebLogic certifications What you'll learn Analyze all topics in the certification exam 1Z0-133 Become familiar with the types and format of the questions in the certification exam Understand and properly describe Oracle WebLogic Server domains and clusters Install, configure, maintain, monitor, and administer Oracle WebLogic Server Deploy and manage applications on Oracle WebLogic Server How to benefit from the new administration features of Oracle WebLogic 12c Who This Book Is For Certified Oracle WebLogic administrators seeking to upgrade their Oracle WebLogic credentials, as well as experienced WebLogic administrators seeking to earn certification for the first time. Also, administrators new to Oracle middleware on the path to earning WebLogic certification will find this book useful.

A guide to everything an Oracle SOA Suite 12c administrator needs to hit the ground running About This Book Understand core administrative tasks such as deployments, purging, startup and shutdown, configuration, and backup and recovery Manage, monitor, and troubleshoot SOA composites and OSB services Follow step-by-step instructions to easily and quickly install a highly available two-node cluster Who This Book Is For With topic areas ranging from the simple to the complex, this book is intended for novice, mid-level, and experienced administrators of the Oracle SOA Suite 12c platform as well as Oracle WebLogic Server and Oracle Database administrators interested in diving into the product. What You Will Learn Navigate Oracle Enterprise Manager Fusion Middleware Control Monitor and manage the Oracle SOA Suite 12 c infrastructure Deploy and promote code Monitor and manage services Configure and administer the environment Manage the dehydration store and enterprise scheduler service Troubleshoot Oracle SOA Suite 12c infrastructure Set up backups, recovery, and high availability In Detail Oracle SOA Suite 12 c is the most comprehensive and integrated infrastructure on the market today that is used for building applications based on service-oriented architecture. With the vast number of features and capabilities that Oracle SOA Suite 12c has to offer comes numerous complexities and challenges for administration. Oracle SOA Suite 12c Administrator's Guide covers all the core areas of administration needed for you to effectively manage and monitor the Oracle SOA Suite environment and its transactions, from deployments, to monitoring, to performance tuning, and much, much more. Manage, monitor, and troubleshoot SOA composites and OSB services from a single product set. Understand core administrative activities such as deployments, purging, startup and shutdown, configuration, backup, and recovery. Also learn about new features such as Oracle Enterprise Scheduler, lazy loading, work manager groups, high availability, and more. Style and approach Presented in a reference guide format where chapters can be read in any sequence, this book explains the core concepts while providing real-world implementation specifics, detailing the what, why, and how of all the administration-related activities that involve Oracle SOA Suite 12c. We take a step-by-step approach and offers tips, instructions, and examples that you can easily follow and execute.

Develop enterprise portals with Oracle WebCenter Portal 12c software and enrich those applications with social computing services, including discussions, documents, blogs, wikis, tags, and links. This book covers all functionalities and aspects from a developer, architect, and administrator point of view. Enterprise portal technology is used for creating intranet and extranet portals which enhance collaboration within a company. The book is intended to complete and fill in the gaps of the official documentation from an administrator and developer perspective. Beginning Oracle WebCenter Portal 12c provides an overview of the architecture behind Oracle WebCenter Suite and the Oracle Fusion Middleware platform. Sample code written in Java is included along with best practices developed from the authors' experience of using Oracle WebCenter Portal for building enterprise portals. What you will learn: Enterprise Portal and Oracle WebCenter Portal concepts Basic administrator knowledge Basic developer knowledge Overview of the tools and services offered by Oracle WebCenter Portal How to develop Portal Assets using JDeveloper IDE How to develop new components(Portlets JSR-286 and ADF Task Flows) using JDeveloper IDE REST API integration with Portal Enterprise content management with Portal Who this book is for: Developers, architects, project managers and portal administrators in the Oracle Fusion Middleware (FMW) area. IT professionals working in FMW or WebLogic stack can also make use of this book.

Putting together the right team to tackle the Oracle E-Business Suite R12.2.6 upgrade, and understanding the issues that the team

needs to consider to be successful, can be quite a challenge. "the little r12.2.6 upgrade essentials for managers and team members" describes the big picture of what you need to consider before tackling the Release 12.2.6 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 12.2.6 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.

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 Denis Avey, een dappere jonge Britse soldaat, vecht in de Tweede Wereldoorlog in Noord-Afrika. Daar wordt hij in 1944 krijgsgevangen genomen. In het werkkamp in Duitsland waar hij terecht komt, werkt hij zij aan zij met gevangenen uit het nabijgelegen Auschwitz. Denis is geschokt door de verhalen die hij van hen hoort en voelt het als zijn plicht er met eigen ogen kennis van te nemen en de wereld ooit zijn verhaal te kunnen vertellen. Denis vat het gewaagde plan op van kamp te wisselen met een jonge joodse gevangene uit Nederland. Gekleed in diens smerige gestreepte kampkleding met gele ster loopt hij tussen andere gevangenen onder de poort met Arbeit Macht Frei Auschwitz binnen, niet wetende wat hem te wachten staat en of ze elkaar ooit weer zullen zien.

A comprehensive guide from Oracle experts, that will act as your single point of reference for building an Oracle BI 12c system that turns data in actionable insight. About This Book Come, start your first Oracle Business intelligence system and excel in BI with this exhaustive guide An all-encompassing guide for your Oracle business intelligence needs Learn from the self-paced professional guidance and implement Oracle business intelligence using this easy-to-follow guide by our experts Who This Book Is For If your job includes working on data, improving the financial or operational performance of your organization or you are a consultant for the above, then this book is for you. If you have been placed on a business intelligence project, then this book is for you. If you are the Project Manager, Business Analyst or Data Scientist then this book is for you. If you are an end user of Oracle Business Intelligence, then this book is for you too. Having a basic understanding of databases and the use of Business Intelligence is expected, but no knowledge of Oracle BI is required. What You Will Learn Install OBIEE in Windows, including how to create the underlying Weblogic Application server and the required database Build the BI system repository, the vital engine connecting your data to the front end of Oracle BI Develop effective analysis, draw out meaning from the data, and present it to end users on interactive dashboards Build pixel-perfect, printable reports using the embedded BI Publisher feature Build agents for actionable insight and enable your users to act on Business Intelligence at their desktop or on the move Understand the various aspects of securing the Oracle BI system, from data restrictions to whole dashboard access rights Get acquainted with the system management tools and methods available for the continuous improvement of your system In Detail Oracle Business Intelligence Enterprise Edition (OBIEE) 12c is packed full of features and has a fresh approach to information presentation, system management, and security. OBIEE can help any organization to understand its data, to make useful information from data, and to ensure decision-making is supported by facts. OBIEE can focus on information that needs action, alerting users when conditions are met. OBIEE can be used for data analysis, form production, dashboarding, and workflow processes. We will introduce you to OBIEE features and provide a step-by-step guide to build a complete system from scratch. With this guide, you will be equipped with a good basic understanding of what the product contains, how to install and configure it, and how to create effective Business Intelligence. This book contains the necessary information for a beginner to create a high-performance OBIEE 12c system. This book is also a guide that explains how to use an existing OBIEE 12c system, and shows end users how to create. Style and approach This book will take you from one feature to another in a step-by-step manner and will teach how you can create effective business intelligence using Oracle Business Intelligence Enterprise Edition. You will be taught how to create BI solutions and dashboards from scratch. There will be multiple modules in the book, each module spread in chapters, that will cover one aspect of business intelligence in a systematic manner.

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.

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

Best Practices for Oracle WebLogic Server 12c Configuration and Administration Maintain a high-performance enterprise application framework using the detailed information in this authoritative resource. Through expert instruction and real-world examples, Oracle WebLogic Server 12c Administration Handbook fully explains the latest management tools and techniques. Learn how to work from the Oracle WebLogic Server Administration Console or command line, configure servers and clusters, deploy applications, and optimize application performance. Tuning, troubleshooting, and load balancing are thoroughly covered in this Oracle Press guide. Install Oracle WebLogic Server 12c or perform an upgrade Manage domains, server instances, networks, and virtual hosts Work with the WebLogic Scripting Tool feature and Node Manager Build custom network channels and resource adapters Monitor performance with the WebLogic Diagnostics Framework feature Prioritize requests using Oracle WebLogic Server Work Managers Configure Oracle WebLogic clusters and migrate servers and services Deploy web applications, Enterprise JavaBeans, and Java EE modules Establish security realms and authenticate and authorize users Allocate memory, optimize throughput, and tune the Java Virtual Machine

Master Java EE Application Development on Oracle Java Cloud Build highly available, scalable, secure, distributed applications on Oracle Java Cloud. In this Oracle Press guide, Oracle ACE Director and Java Champion Harshad Oak leads you through the entire Java EE cloud-based application lifecycle—from development to deployment. Filled with real-world examples, ready-to-use code, and best practices, Java EE Applications on Oracle Java Cloud is an invaluable resource for anyone looking to meet the growing demand for cloud-based development skills. Set up an Oracle Java Cloud instance and manage users and roles Build an application with NetBeans IDE and deploy it on Oracle Java Cloud Extend application functionality using servlets, filters, and listeners Streamline application development with JavaServer Pages, JSP Standard Tag Library, and expression language Create and deploy feature-rich JavaServer Faces applications on Oracle Java Cloud Use Enterprise JavaBeans to effectively run business logic code in enterprise applications Develop and deploy SOAP and RESTful web services on Oracle Java Cloud Take advantage of the persistence capabilities of Oracle Java Cloud via Oracle Database Cloud Code examples from the book are available for download.

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.

Master Oracle SOA Suite 12c Design, implement, manage, and maintain a highly flexible service-oriented computing infrastructure across your enterprise using the detailed information in this Oracle Press guide. Written by an Oracle ACE director, Oracle SOA Suite 12c Handbook uses a start-to-finish case study to illustrate each concept and technique. Learn expert techniques for designing and implementing components, assembling composite applications, integrating Java, handling complex business logic, and maximizing code reuse. Runtime administration, governance, and security are covered in this practical resource. Get started with the Oracle SOA Suite 12c development and run time environment Deploy and manage SOA composite applications Expose SOAP/XML REST/JSON through Oracle Service Bus Establish interactions through adapters for Database, JMS, File/FTP, UMS, LDAP, and Coherence Embed custom logic using Java and the Spring component Perform fast data analysis in real time with Oracle Event Processor Implement Event Drive Architecture based on the Event Delivery Network (EDN) Use Oracle Business Rules to encapsulate logic and automate decisions Model complex processes using BPEL, BPMN, and human task components Establish KPIs and evaluate performance using Oracle Business Activity Monitoring Control traffic, audit system activity, and encrypt sensitive data The world's most successful banks run on IBM®, and increasingly IBM LinuxONE. Temenos, the global leader in banking software, has worked alongside IBM for many years on banking deployments of all sizes. This book marks an important milestone in that partnership. Temenos on IBM LinuxONE Best Practices Guide shows financial organizations how they can combine the power and flexibility of the Temenos solution with the IBM platform that is purpose built for the digital revolution.

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.

Oracle WebLogic 12c - Distinctive Recipes Architecture, Development and Administration Munz & More

Using real life problems and simple solutions this book will make any issue seem small. WebLogic Server books can be a bit dry but Dalton keeps the tone light and ensures no matter how complex the problem you always feel like you have someone right there with you helping you along. This book is ideal for those who know the basics of WebLogic but want to dive deeper and get to grips with more advanced topics. So if you are a datacenter operator, system administrator or even a Java developer this book could be exactly what you are looking for to take you one step further with Oracle WebLogic Serv.

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

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